



TREND EXPLORATION LIMITED

Seventeenth Street Plaza - Suite 2000
1225 -17th Street
Denver, Colorado 80202

October 18, 1985

OCT 18 1985

COLO. OIL & GAS CONS. COM.

(303) 298-9595
Telex 45670



State of Colorado
Oil and Gas Commission
1580 Logan Street, Suite 380
Denver, Colorado 80203

Attn: Ed DiMatteo

Re: State #2-16, SWD Application
NE/4 Sec. 16-T6N-R90W
Moffatt County, Colorado

Dear Mr. DiMatteo:

Please withdraw the above-referenced saltwater disposal application submitted on September 11, 1985. Also, please cancel the hearing scheduled for Monday, October 21, 1985.

This will serve as a follow-up to the phone conversation of October 16, 1985 which formally requested the cancellations.

Thank you for your assistance in this matter.

Cordially,
TREND EXPLORATION LIMITED

Jean M. Muse
Production Supervisor

JMM/jm

*new address
Adobe Resources - Trend Division
1100 Western United LP Bldg
Midland Texas 79701*

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SEP 27 1985

COLO. OIL & GAS CONS. COMM.

State of Colorado
Oil & Gas Commission
Suite 380, 1580 Logan Street
Denver, Colorado 80203

Re: State #2-16
Moffat County, Colorado

Dear Sirs,

This letter is to notify you that I strongly protest the completion of the well in Section 16 Township 6 North Range 90 in Moffat County, Colorado by Trend Exploration Limited for use as a saltwater disposal unit.

There are several springs in this same area where seven different families get the water for their homes. I strongly believe that no one can guarantee these people that their water supplies are not in jeopardy.

I do not believe in doing anything that might damage another person or their property and I will do all I possibly can to prevent this disposal unit.

Sincerely,

Mike Voloshin

Mike Voloshin
P. O. Box 981
Craig, Colorado 81626
Ph. 824-6284

Back Panel
103

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SEP 27 1985

COLO. OIL & GAS CONS. COMM.

John F. Ashbaugh
Box 398
Craig, Co, 81626
9-26-85

Bill Smith
State of Co Oil and Gas Comm.
Suite 380
1580 Logan St.
Denver, Co. 80203

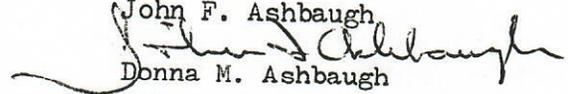
Dear Mr. Smith:

We are writting this letter in protest of Trend Exploration Limited plans to complete State Well # 2-16 located in Sec 16, T 6N, R 90W, as a salt water disposal unit.

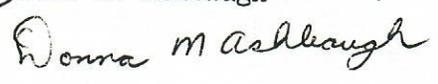
Our reason for this protest is that we are concerned about the possibility of salt water being pumped into this well and getting intermixed into our water supply. We have an excellent spring located approximately one mile NorthEast of this well located in Sec 10, T 6N, R 90W. Enclosed is a copy of a Quad Map for your convenience to show the close approximation of our spring and State Well # 2-16.

Sincerely,

John F. Ashbaugh



Donna M. Ashbaugh



A Shoshone

107° 30'

40° 30' N. 1289000 E.

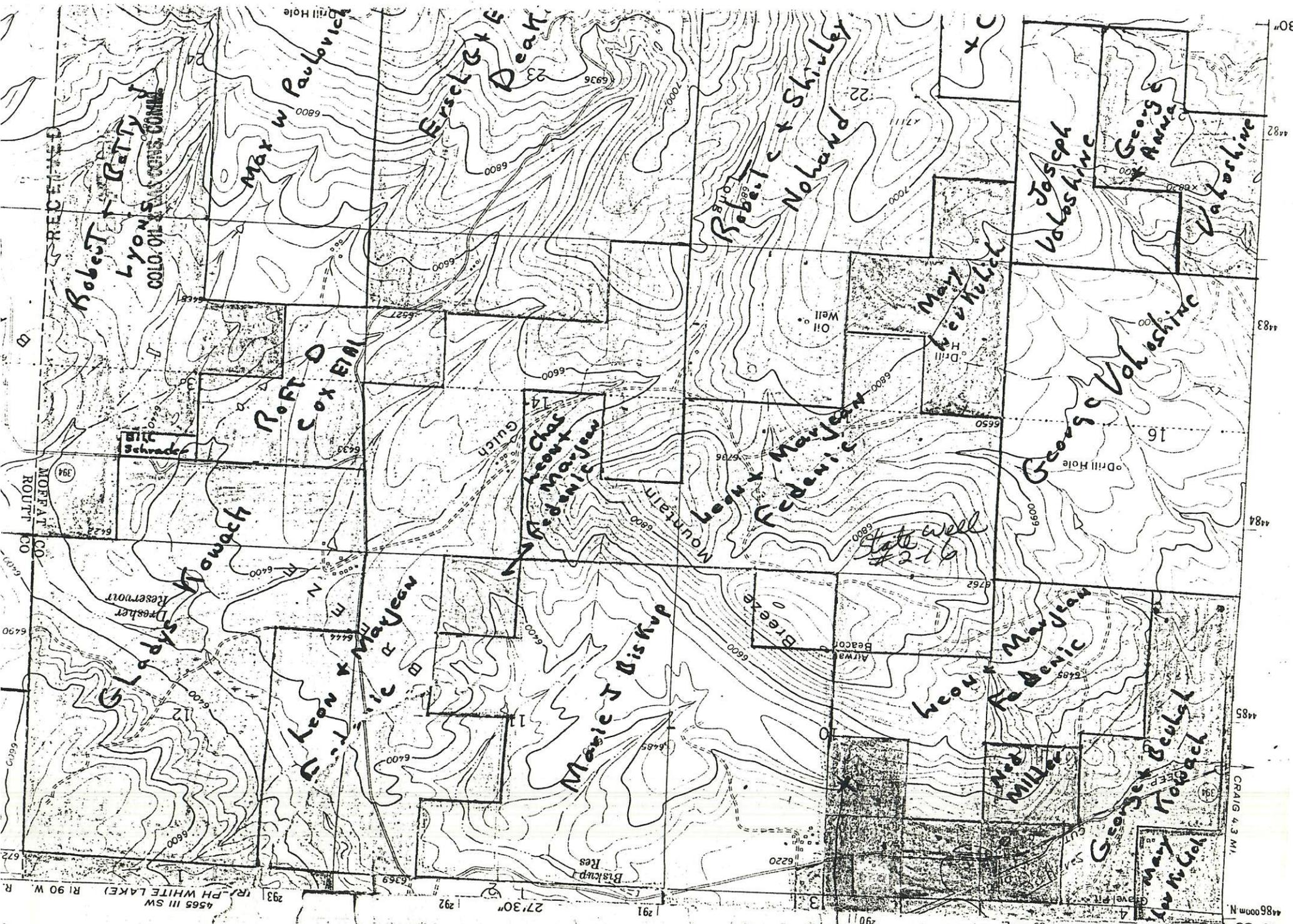
CRAIG 4.3 MI.

485

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483

30"



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MOHAWAT ROUTE

4565 III SW (R. PH WHITE LAKE) R1 90 W. R.

DISPOSAL APPLICATION REVIEW

Operator Trend Exploration

Field Buck Peak

Date Received Sept 11, 1985

Well State 2-16

Plat - all wells within 1/4 mi.
 0 Water wells in area _____ Depth
 _____ List of owners and surface owners
 _____ Notice to landowners and offsets
 Electric logs submitted run OCT 22, 1984
 Bond Log will run Cement top _____
 _____ Injection Zone Morapos
 _____ Water Quality Injection zone _____ TDS

_____ Source and Injection Water Quality
 _____ Well Name _____ Formation _____ TDS
Noland #1 Niobrara 41,524 mg/l

Maximum per day injected _____ Minimum per day injected _____
1000 300

Anticipated injection pressure 700-1200 psi

Frac gradient or pressure .7 Set max surface injection pressure @ 1250 psi
 Completion Type:

- tubing-packer _____ dual completion* _____ casing disposal
- * _____ disposes down tubing - produces up casing
- * _____ disposes down casing - produces up tubing
- * _____ two tubing strings

Injected thru: perforations _____ open hole

Stimulation Program _____ frac _____ acid none

_____ Casing Pressure Test tested to will test to 1000 psi

_____ Form 4 requesting approval 1000 psi

_____ Copy of application delivered to CDWR Date _____

_____ WELL BORE DATA ON REVERSE SIDE

Application needs the following for approval:

- _____ CBL or Logs
 - _____ Form 4
 - Water analysis (formation)
 - _____ Water analysis (injection)
 - _____ Other on the plat, didn't specify who the mineral &
 - _____ Other surface owners are in Sec. 9, need to specify
(have they been notified)
 - Source wells, unclear as to tubing - revise schematic
 - showing tubing & packer, need surface schematic
facility
 - Need form 5, they say inj interval from 4430-4700 yet perf record
- CDWR review need to address line why not cemented plug back liner perfect bridge plus?
need log showing interval from 6460 to TD (8400?)



TREND EXPLORATION LIMITED

Seventeenth Street Plaza - Suite 2000
1225 - 17th Street
Denver, Colorado 80202

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(303) 298-9595
45670
COLO. OIL & GAS CONS. COMM.

September 9, 1985

State of Colorado
Oil and Gas Commission
1580 Logan Street, Suite 380
Denver, Colorado 80203

Attn: Ed DiMatteo

Re: State #2-16
Moffat County, CO

Dear Mr. DiMatteo:

Attached is our application for authorization to dispose of fluids in the Trend State #2-16 well. The well is located in the NE/4 of Sec. 16-T6N-R90W, Moffatt County, Colorado.

You will find the following attachments to complete our application:

1. Location plat with the location of all oil, gas, abandoned, and dry holes of public record. This plat will also show domestic and irrigation wells within one-quarter mile radius.
2. The name, description and depth of the formation into which the water is to be injected.
3. Dual induction log.
4. Description of casing, schematic drawing, and description of the proposed or cement jobs already in place.
5. A statement specifying the source water to be injected and an analysis of this water.
6. Estimated quantities of daily injection and anticipated injection pressure.
7. Names and addresses of persons notified by certified mail of the planned operations and a copy of the letter.
8. Salt water conversion procedures.

Page 2
State of Colorado
Salt Water Disposal Application

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9. Geological paper on Buck Peak by Kenneth F. Cummings.

I trust this information will be sufficient, but if not, please do not hesitate to contact me.

Cordially,
TREND EXPLORATION LIMITED



Richard D. Griffis
Petroleum Engineer

RDG/jmm

attachments

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COLORADO OIL & GAS COM.

STATE 2-16

Disposal Application

Item A-1

Attached is a plat showing location of disposal well and the location of all oil and gas wells, abandoned wells and dry holes of public record and names of owners of public record including surface owners within one-quarter mile of proposed disposal well. This plat also shows location and depth of domestic and irrigation wells of public record within one-quarter mile of proposed disposal well and a copy of plans and specifications for the system and its appurtenances.

Item A-2

The proposed injection interval is from 4,430' to 4,700' KB, as seen on the attached Gearhart Dual Induction Laterolog dated 10/22/84. This is the Morapos member of the Mancos shale. See the attached paper "Buck Peak Field, Moffat County, Colorado" by Kenneth F. Cummings for geological description of the Morapos zone and stratigraphic description for the area.

Item A-3

As mentioned in Item A-2, a Gearhart Dual Induction Laterolog is attached.

A bond log shall be run over this interval, as outlined in the planned remedial work prognosis.

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Item A-4

Well Bore Description:

0 - 446'	12 1/4" hole
446' - 6,838'	8 3/4" hole
6,838' - 8,191'	6 1/8" hole

Casing Program:

0 - 442'	9 5/8" 36# J-55 ST&C
0 - 6,838'	7" 23# N-80 ST&C
0 - 8,175'	4 1/2" 11.6# K-55 LT&C

Cement Program:

9 5/8" - cemented with 15 bbls preflush 95 sxs pacesetter
lite + 6% gel, 10#/sx Hi-Seal, 3% CaCl₂.

7" - cemented with 135 sxs TXI liteweight + 10#/sx Hi-
Seal + 5% CF₂.

4 1/2" - liner not cemented.

Item A-5

The water to be disposed of in this well will be from the Niobrara formation. Trend operates 5 producing wells in Craig airport area, all produce from the Niobrara. The Noland #1 will be the primary source with \pm 300 BWPD. Attached is a water analysis for this well.

Also analysis are included from the fluids in the State 2-16 reserve pit, as we plan to pump this pit and then restore the pit.

Is this permitted?

Item A-6

At this time, no stimulation is planned. Once the Morapos zone has been perforated an injectivity test will be run. Stimulation requirements will be based on the results of the test.

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Item A-7

The injection rates should range between 300 - 1,000 BWPD. The anticipated injection pressure is 700 psig with a maximum surface injection pressure of 1,200 psig. The zone is predicted to have a normal fracture gradient of .7 psi/ft or a fracturing pressure of 3,100 psi.

R 90 W

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TREND
State
o 2-16
T.D. 8191'

M. Voloshin
o
T.D. 196'

TREND
o
1-16

17

16
M. Voloshin
o
T.D. 110'

15

TREND
o₁

M. Voloshin
o
T.D. 190'

VANGUARD
o₁

TREND
o₁

SECTION 16, TOWNSHIP 6 NORTH, RANGE 90 WEST
MOFFAT COUNTY, COLORADO

SURFACE OWNERS OF RECORD:
MIKE & CHARLES VOLOSHIN
CRAIG, COLORADO

MINERAL OWNER OF RECORD:
THE STATE OF COLORADO

PROPOSED STATE
No. 2-16
INJECTION PLAT

BUCK PEAK FIELD, MOFFAT COUNTY, COLORADO

Kenneth F. Cummings
Malco Refineries, Inc., Denver, Colorado

LOCATION

The Buck Peak oil field is located on the southeast end of the Breeze anticlinal trend in T. 6 N., R. 90 W., Moffat County, Colorado. The field is seven miles southeast of the town of Craig, Colorado, the county seat of Moffat County.

Surface elevations range from 7100 feet to 7900 feet.

The structure is located on the south end of the Washakie basin, locally referred to as the Sand Wash basin.

HISTORY

The Breeze anticlinal trend has been mapped and referred to in published material for some time. Three separate closures are located on this trend, namely Craig dome on the northwest end of the structure, Breeze dome, and Buck Peak on the southeast end. The most recent publication which refers to the Buck Peak anticline is USGS Bulletin 1027-D, "Geology and Mineral Fuels of parts of Routt and Moffat Counties, Colorado," by Bass, Eby and Campbell.

The Ohio Oil Company discovered gas on Craig Dome in 1932. The well located in sec. 9, T. 6 N., R. 91 W., was completed for eleven million cubic feet gas per day from a sand in the upper part of the Mancos formation. The field was abandoned in 1940. Continental Oil Company has recently drilled two wells on the structure. Shows were reported in the Niobrara formation. One well, the No. 1 Yost in sec. 10, T. 6 N., R. 91 W., was plugged and abandoned after the casing collapsed. The most recent well, the No. 1 Eberle, sec. 9, T. 6 N., R. 91 W., was plugged and abandoned after repeated production tests failed to establish commercial production in the Niobrara.

The original well on Buck Peak was spudded on August 16, 1956. This well, the Malco Refineries, Inc., No. 1 Charles Kowach located in the NW NW sec. 25, T. 6 N., R. 90 W., was a discovery in the following zones:

1. Trout Creek Sand—gas at 1850 feet.
2. Morapos Sand—gas at 3972 feet.
3. Buck Peak-Niobrara fractured shale interval—oil at 6390 feet.
4. Shinarump—oil at 9292 feet.
5. Weber—oil at 10,074 feet.

The well was originally completed in the Shinarump which rapidly went to water. During the summer of 1957, the No. 1 Kowach was deepened from 9501 feet in the Moenkopi to 10,200 feet and completed as a flowing oil

well from the Weber. Water inroached rapidly and the well was plugged back to the Buck Peak-Niobrara fractured shale interval. The No. 1 Kowach is currently producing from this interval.

To date four oil wells have been completed in the Buck Peak-Niobrara interval and one well is in the process of completion.

One dry hole has been drilled through the Niobrara and one well was plugged and abandoned after penetrating the Morapos sand.

Development of the fractured shale reservoir is on 80-acre spacing.

STRUCTURE

The Buck Peak anticline is a separate closure on the southeast end of the Breeze Anticlinal trend. From stratigraphic test information it was found that a graben existed which trends in the NW-SE direction. This graben is shown on the accompanying structural map.

Undoubtedly many other faults exist that have not yet been mapped in the subsurface. With continued development drilling, some of these obscure faults may be uncovered.

The highest structurally producing well on Buck Peak is the No. 2 Kowach in the SE NW sec. 25, T. 6 N., R. 90 W. The lowest structural well drilled to date is the No. 1 Paulovich in the NW SW sec. 24, T. 6 N., R. 90 W. This well is in the process of being completed.

STRATIGRAPHY

Surface beds are mainly the Williams Fork formation of the Mesaverde group (Cretaceous). In one locality, approximately one-half mile south of the No. 1 Kowach, there is a small exposure of possible Lewis shale. Many boulders of Tertiary basalt are scattered over the structure. Surface exposures are sparse and vegetation is heavy.

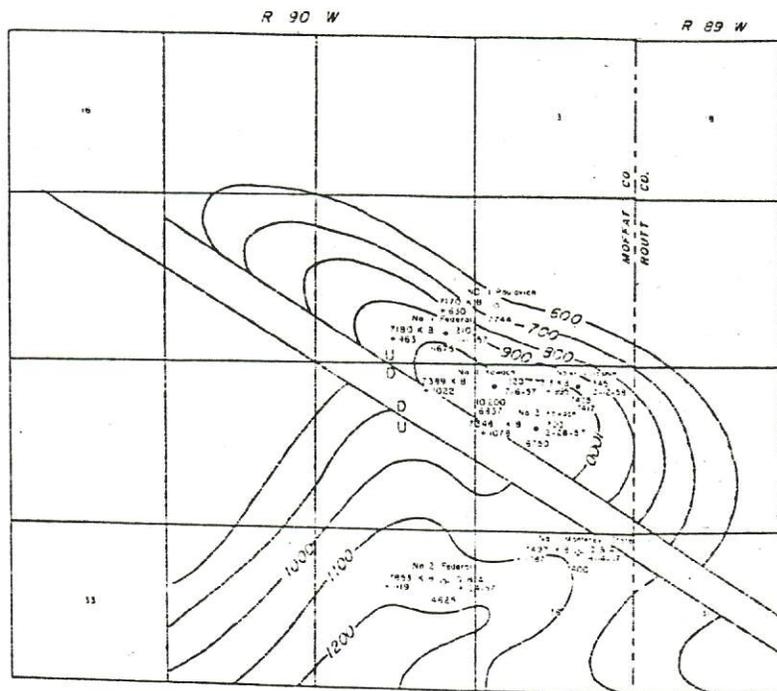
Listed below is the generalized lithology and thickness of beds as taken from the No. 1 Kowach NW NW sec. 25, T. 6 N., R. 90 W.

The Buck Peak zone as referred to in this report is an electric log correlation interval immediately above the Niobrara member of the Mancos shale. This zone has been previously reported to the scouting services as the Tow Creek zone. This is a misnomer since the Tow Creek is the basal sand member of the Mesaverde group. As such, the writer wishes to correct this mistake and refer to this mapping horizon and electric log interval from now on as the Buck Peak zone.

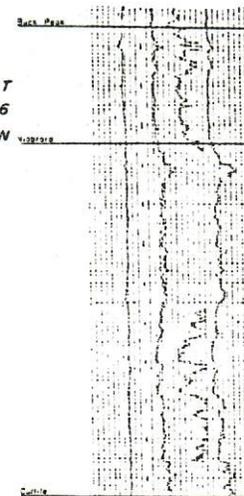
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Typical Electric Log
Buck Peak - Niobrara Producing Interval
No. 1 KOWACH



BUCK PEAK FIELD
ROUTT & MOFFAT COS., COLO.
Contoured Top of BUCK PEAK ZONE
Contour Interval: 100 Ft.
Geology By K. F. Cummings
March 1959

Well Number
Elevation → Initial Potential
Datum → Completed Date
Tuber Depth
Mud Spill Time Depth

RESERVOIR CHARACTERISTICS AND PRODUCTION

The Buck Peak oil field produces from fractured shale. As such, no attempt to calculate the reserves of this field has been made. The amount of effective pay in each well also remains a mystery.

The producing wells drilled in the Buck Peak field all exhibit SP development on the electric log opposite zones that produced oil on a drill stem test. As such, zones of SP development are interpreted as possible zones of production. This analogy has held true in the field to date. The electric log of the only dry hole drilled in the field, the No. 1 Monterey State NW NE sec. 36, T. 6 N., R. 90 W., had no SP development and the shale did not yield oil on test.

Since the No. 1 Paulovich NW SW sec. 24, T. 6 N., R. 90 W., was drilled in with crude, no SP log was run. In this case, the Sonic Log is being used to determine zones of fracture development.

The Sonic Log was first run on the No. 1 Voloshin NW NE sec. 25, T. 6 N., R. 90 W., through the Buck Peak-Niobrara interval. Several zones of cycle skipping were noted which were associated with SP development, sample shows, and gas kicks on the mud logger. The No. 1 Voloshin is the best producing well in the field. This well is the only current producing well that has the whole Buck Peak-Niobrara interval open to the well bore. Prior to the drilling of the No. 1 Voloshin the practice was to open approximately 300 to 400 feet of the productive interval. The No. 1 Voloshin has more than 1200 feet open.

Cummulative oil production through December 31, 1958 for the following formations is as follows:

Formation	Cummulative Oil Through December 31, 1958	Gravity
Mancos, Buck Peak-Niobrara interval	156,240 Barrels	41°
Weber	3,119 Barrels	48°
Shinarump	329 Barrels	39°

COMPLETION PRACTICES

The wells are penetrated to the approximate top of the Buck Peak zone with a 9-inch hole. Electric and Micrologs are run and 7-inch casing is set. After the setting of the intermediate string the well is drilled in with a 6 1/4-inch bit with approximately 20% oil added to the mud. The entire Buck Peak-Niobrara interval is opened. Electric, Micro and Sonic Logs are run. A five and one-half inch slotted liner, 24 slots per foot, is hung in the 7-inch casing. The well is then sand oil fractured using as much as 140,000 lbs. of sand and 60,000 gals. of gelled lease crude with an injection rate of 60 BOPM.

One well, the No. 1 Paulovich, NW SW sec. 24, T. 6 N., R. 90 W., has been drilled in using lease crude instead of mud. The effect of crude on the formation has not as yet been determined. This well is still in the process of being completed.

ACKNOWLEDGMENT

The writer wishes to thank Malco Refineries, Inc. for permission to publish this paper.

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System	Formation	Thickness No. 1 Kowach	Depth No. 1 Kowach	Character	
Cretaceous	Williams Fork	1682	Surface to 1682	Sandstones, shales and numerous coal beds.	
	Iles	1348	1682-3030	Sandstones, shales and few thin coal beds. Trout Creek sand member at top carries gas.	
	Mancos	4760	3030-7790	Shale, dark gray to black, marine, carbonaceous in part, calcareous. Sand lenses in upper 1000 feet.	
	Morapos member	152	3932-4084	Sandstone, gray-white, medium- to coarse-grained, glauconitic, carries gas. Locally developed in three benches.	
	Buck Peak zone	289	6356-6645	Shale, gray-black, carbonaceous, slightly calcareous. Beginning of productive zone. Calcite crystals with inter-crystalline porosity holding fractures open, containing oil. Produces oil.	
	Niobrara	905	6645-7550	Shale, gray-black, carbonaceous, more calcareous, speckled. Fractured, with calcite and aragonite crystals. Fractures contain oil. Few thin zones of limestone. Produces oil.	
	Carlile	240	7550-7790	Shale, gray-black, carbonaceous, slightly calcareous.	
	Frontier	110	7790-7900	Sandstone, gray-white, fine- to medium-grained, micaceous, very calcareous with interbedded shales and siltstones.	
	Mowry	343	7900-8243	Shale, gray-black, very slightly calcareous, bentonitic.	
	Dakota	65	8243-8308	Sandstone, white, fine- to medium-grained, fair sorting.	
	Fuson	30	8308-8338	Shale, gray-green, waxy appearance, hard siliceous.	
	Lakota	54	8338-8392	Sandstone, white, medium- to coarse-grained. Abundant chert.	
	Jurassic	Morrison	384	8392-8776	Varicolored, gray-green, red-brown, shales, buff to white sands, and limestones.
		Curtis	56	8776-8832	Sandstone, white, with green tint, medium-grained, calcareous, glauconitic.
Entrada		116	8832-8948	Sandstone, white, fine- to medium-grained, well sorted, slightly friable to hard.	
Triassic	Chinle	344	8948-9292	Siltstone, red-brown, slightly calcareous, micaceous in part.	
	Shinarump	68	9292-9360	Sandstone, conglomerate, with dead oil stain. Two benches separated by purple and red-brown shale. Produced oil for short time.	
	Moenkopi	587	9360-9947	Siltstone and shale, red-brown, micaceous, with thin red sand lenses and some sucrosic gypsum.	
Permian	Phosphoria	127	9947-10074	Dolomite, dark gray, sandy, dense, with white crystalline anhydrite inclusions. Some sandstone, siltstone and shale.	
Pennsylvanian	Weber	?	10074-?	Sandstone, gray-gray white, fine- to medium-grained, poorly sorted, dolomitic, fractured and gray-green siliceous, dolomitic shale. Produced oil for short period.	

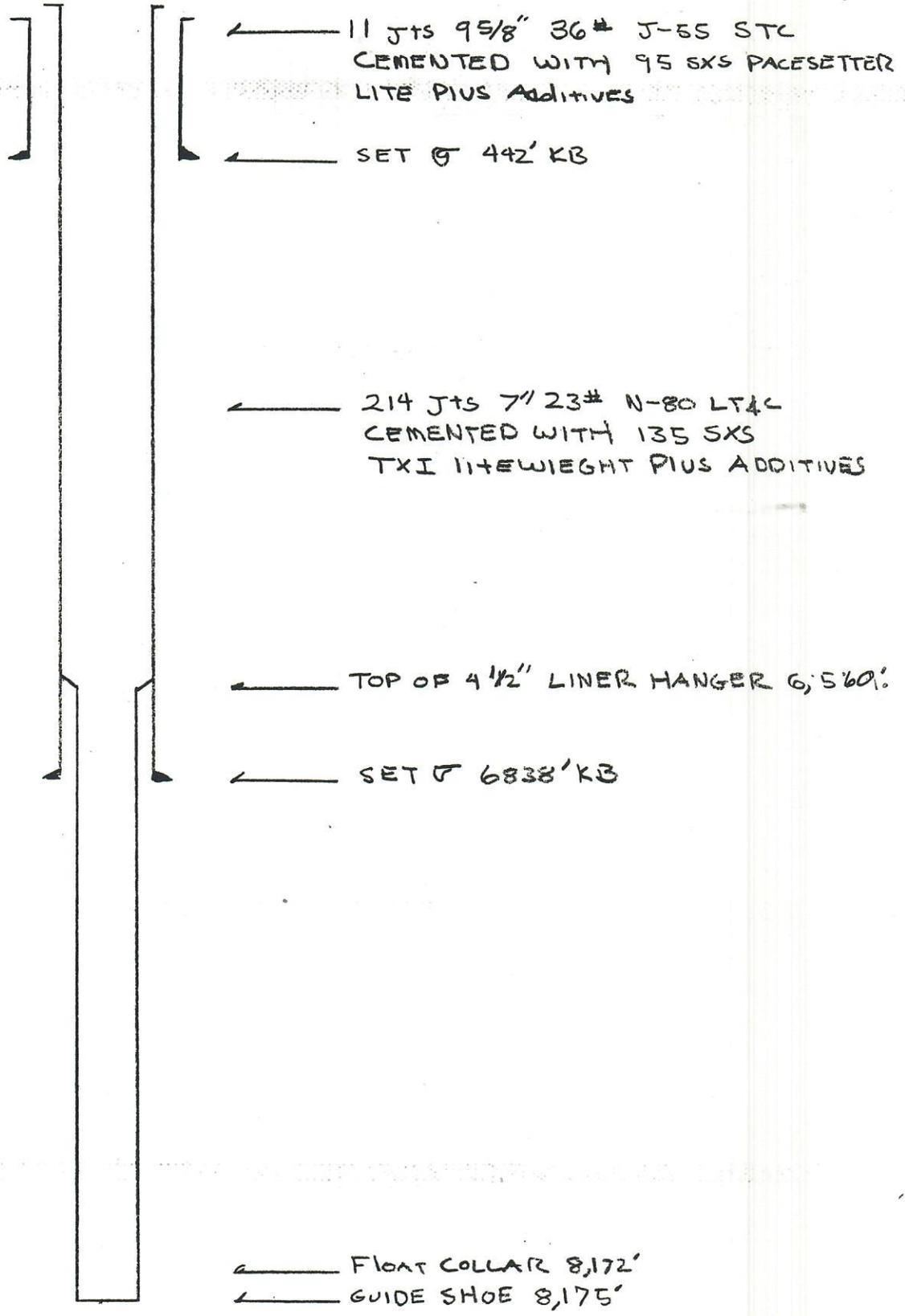
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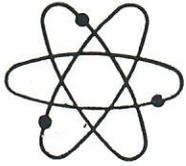
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COLORADO OIL & GAS CONS. COMM.

TD 600' FNL & 1150' FWL NE/4
SEC. 16 T6N-R90W

TREND STATE 2-16
BUCK PEAK FIELD
MOFFAT COUNTY
COLORADO





Technology Laboratory, Inc.

Evanston, Wyoming
789-1157

Techni-Lab

Casper, Wyoming
266-4683

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AUG 29 1985

PRODUCTION DEPT.

WATER ANALYSIS REPORT

Company: TREND EXPLORATION
Attention: MR. RICHARD GRIFFIS
State: COLORADO
Field: BUCK PEAK
Lease:
Sample Point: PIT MUD

Date Received: 8/23/85
Date Sampled:
County: MOFFAT
Formation:
Well number: STATE 2-16
Lab Number: 858-1E

DISSOLVED SOLIDS

CATIONS	mg/L
Sodium, Na	1000
Potassium, K	116
Calcium, Ca	79
Magnesium, Mg	3

OTHER PROPERTIES

pH	8.56
Resistivity (ohm-meters) 68F	.29

ANIONS

Sulfate, SO4	750
Chloride, Cl	586
Carbonate, CO3	36
Bicarbonate, HCO3	573
Total dissolved solids	2853

WATER PATTERN - me/l

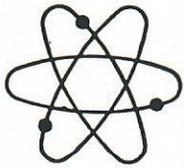
LOGARITHMIC

Na		*			*			Cl
Ca			*		*			HCO3
Mg				*	*			SO4
Fe				*				CO3

REMARKS & RECOMMENDATIONS:

cc: MR. DALE GRIFFIN

Carey Madding
TECHNOLOGY LABORATORY, INC.



Technology Laboratory, Inc.

Evanston, Wyoming
789-1157

Techni-Lab

Casper, Wyoming
266-4683

RECEIVED

SEP 11 1985

COLO. OIL & GAS CONS. COMM.

WATER ANALYSIS REPORT

Company: TREND EXPLORATION
Attention: MR. RICHARD GRIFFIS
State: COLORADO
Field: BUCK PEAK
Lease:
Sample Point: PIT WATER

Date Received: 8/23/85
Date Sampled:
County: MOFFAT
Formation:
Well number: STATE 2-16
Lab Number: 858-2E

DISSOLVED SOLIDS

CATIONS	mg/L
Sodium, Na	1460
Potassium, K	140
Calcium, Ca	189
Magnesium, Mg	43

OTHER PROPERTIES

pH 8.21
Resistivity (ohm-meters) 68F 1.90

ANIONS

Sulfate, SO4	1300
Chloride, Cl	1076
Carbonate, CO3	30
Bicarbonate, HCO3	878

Total dissolved solids 4671

WATER PATTERN - me/l

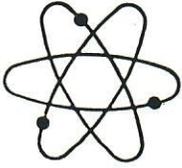
LOGARITHMIC

Na		*			*			Cl
Ca			*		*			HCO3
Mg			*		*			SO4
Fe				*				CO3

REMARKS & RECOMMENDATIONS:

cc: MR. DALE GRIFFIN

Carey Madding
TECHNOLOGY LABORATORY, INC.



Technology Laboratory, Inc.

Evanston, Wyoming
789-1157

Techni-Lab

Casper, Wyoming
266-4683

RECEIVED

SEP 11 1985

COLO. OIL & GAS CONS. COMM.

WATER ANALYSIS REPORT

Company: TREND EXPLORATION
Attention: MR. RICHARD GRIFFIS
State: COLORADO
Field: BUCK PEAK
Lease:
Sample Point: PRODUCED WATER

Date Received: 8/23/85
Date Sampled:
County: MOFFAT
Formation:
Well number: NOLAND #1
Lab Number: 858-3E

DISSOLVED SOLIDS

CATIONS	mg/L
Sodium, Na	15000
Potassium, K	135
Calcium, Ca	1265
Magnesium, Mg	167

OTHER PROPERTIES

pH 6.73
Resistivity (ohm-meters) 68F .20

ANIONS

Sulfate, SO4	0
Chloride, Cl	24698
Carbonate, CO3	0
Bicarbonate, HCO3	525
Total dissolved solids	41524

WATER PATTERN - me/l

LOGARITHMIC

Na	*					*	Cl
Ca		*		*			HCO3
Mg			*				SO4
Fe				*			CO3

REMARKS & RECOMMENDATIONS:

cc: MR. DALE GRIFFIN

Care Madding
TECHNOLOGY LABORATORY, INC.

RECEIVED

STATE 2-16

SEP 11 1985

Moffat County, Colorado

COLORADO OIL & GAS CONS. COMM.

Salt Water Disposal Conversion Prognosis

1. MIRU Service Rig.
2. TOH with 2 3/8", 8rd, 6.5# tubing.
3. Set CIBP at \pm 6,540'. Dump 25 sx cement on top.
4. TOH with tubing.
5. Run CBL/GR from \pm 6,540' to TOC (est. TOC 5,000').
 - a) Determine what if any cement exists across the interval from 4,430' - 4,700'. Take remedial steps required to have cement at least 500' above interval (\pm 3,900').
6. Pressure test casing to 1,000 psig.
7. Perforate 4,432' to 4,460' with 2 JSPF and 4,500' - 4,518' with 2 JSPF.
8. Set retrievable packer at \pm 4,350'. Perform injectivity test. Determine if stimulation is required and perform if necessary.
9. TOH with tubing.
10. Set injection packer at \pm 4,350'. String into tubing. ND BOP, NU wellhead, begin displacing fluid.
11. Release rig.



TREND EXPLORATION LIMITED

Seventeenth Street Plaza - Suite 2000

1225-17th Street

Denver, Colorado 80202

August 22, 1985

REC-1
SEP 11 1985

COLO. OIL & GAS CONS. COM.

(303) 298-9595

Telex 45670

State of Colorado
Oil & Gas Commission
Suite 380, 1580 Logan Street
Denver, Colorado 80203

Mr. Mike Voloshin
Mr. Charles Voloshin
Box 981
Craig, Colorado 81626

Re: State #2-16
Moffatt County, Colorado

Dear Sirs:

Trend Exploration has previously drilled the above referenced well. Our efforts to complete this as a producing property have failed, and it is now our intention to complete the well as a saltwater disposal unit.

For your information, I have attached a copy of the proposed operation which is required by the Oil and Gas Commission of the State of Colorado and a copy of the following regulations. A public hearing on the authorization of the proposed operation may be required by the Commission. Any person who would be adversely affected or aggrieved by the authorization of an underground disposal operation may request a public hearing on the proposed authorization by filing with the Commission a written request for such a hearing within 15-days after the notice of application has been mailed or delivered in compliance with the rules and regulations for application. The Commission shall hold such a hearing if it finds, based upon such request(s), a significant degree of public interest in a hearing. Such hearings shall be conducted in accord with the requirements of C.R.S. 1973, 34-60-108, as amended.

I trust this information will be sufficient for your needs, at this time, but if not, please contact me at (303) 298-9595 and I will be happy to answer any questions you might have.

Cordially,
TREND RESOURCES LIMITED

Jean M. Muse
Production Supervisor

JMM/jm

enclosures

RICHARD D. LAMM
Governor



JERIS A. DANIELSON
State Engineer

OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES

1313 Sherman Street-Room 818
Denver, Colorado 80203
(303) 866-3581

October 2, 1985

RECEIVED
OCT 7 1985
COLO. OIL & GAS CONSV. COMM.

Mr. Ed DiMatteo
Colorado Oil and Gas Conservation Commission
Logan Tower Building, Room 388
1580 Logan Street
Denver, Colorado 80203

Dear Ed:

With respect to an application to convert State #2-16 well in the NE1/4, NE1/4, Section 16, Township 6 North, Range 90 West, Moffat County, to an injection well we have the following comments:

Known and potential aquifers in the area are all surficial deposits, and sandstones of the Williams Fork and Iles Formations. Most of the fresh-water yielding surficial deposits of the area are confined to the area within the floodplain of the Yampa River. Water wells utilizing these surficial deposits are generally less than 50 feet in depth. Sandstones of the underlying Williams Fork Formation yield water to many wells in the region. Well depths range from about 100 feet to generally less than 500 feet. One well in section 20 is 777 feet deep. We have no records of the quality of water from this well. Note that the Williams Fork extends to a depth of 2000 feet in 1-16 state well. The Iles Formation extends to a depth of about 3180 feet in 1-16 state. Even though depths are excessive and the Iles is known to yield petroleum products in some areas we must consider it as a potential aquifer until proven otherwise.

The accompanying map shows that surface drainage from the site is toward the floodplain of the Yampa River; about one half mile toward the northwest, note the location of wells in the area.

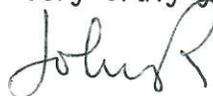
Mr. Ed DiMatteo
October 2, 1985

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OCT 7 1985
COLO. OIL & GAS CONS. COMM.

The complex system of sandstones in the Williams Fork and Iles Formations indicates that you should treat the application with caution. Even with 442 feet of cemented surface casing.

If you have any questions please contact me.

Very truly yours,



John C. Romero
Supervising Water Resources Engineer

Enclosures

JCR:pdt/5867H

COLORADO OIL AND GAS CONSERVATION COMMISSION

1580 Logan St., Suite 380
Denver, Colorado 80203

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RECEIVED
SEP 28 1985
OCT 7 1985
WATER RESOURCES
STATE - DENVER
COLORADO
COLORADO OIL & GAS CONSERVATION COMMISSION

MEMO

9-17-85

To: Division of Water Resources
From: Larry Robbins, Underground Injection Control Program
Subject: Need for Hydrologic Information

The Oil and Gas Conservation Commission has received an application for an injection well to be located;

$\frac{1}{4}$ $\frac{1}{4}$ NE NE, Section 16, Township 6N, Range 90W
Moffat County.

- 1) Well name State#2-16 Field Buck Peak
- 2) Injection Zone Morapos
- 3) Depth of Injection Interval 4432 to 4518
- 4) Proposed Injection Pressure 700-1200 psi
- 5) Frac Gradient or Pressure 0.7
- 6) Quantity of Fluid to be Injected 300-1000 bbl/day
- 7) TDS of Fluid to be Injected 41,524 ppm
- 8) TDS of Injection Zone Fluid to be determined ppm

Would you please furnish us with the name and depth of any aquifer in the area that is a known or potential fresh water strata. We would also like a list of the wells within one-half mile of this location. Any other information with regard to distance to streams, ditches or outcrops would be very helpful.

Thank you

Larry Robbins



TREND EXPLORATION LIMITED

Seventeenth Street Plaza - Suite 2000

1225 -17th Street

Denver, Colorado 80202

August 22, 1985

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AUG 27 1985

COLO. OIL & GAS CONS. COMM.

(303) 298-9595

Telex 45670

State of Colorado
Oil & Gas Commission
Suite 380, 1580 Logan Street
Denver, Colorado 80203

Mr. Mike Voloshin
Mr. Charles Voloshin
Box 981
Craig, Colorado 81626

Re: State #2-16
Moffatt County, Colorado

Dear Sirs:

Trend Exploration has previously drilled the above referenced well. Our efforts to complete this as a producing property have failed, and it is now our intention to complete the well as a saltwater disposal unit.

For your information, I have attached a copy of the proposed operation which is required by the Oil and Gas Commission of the State of Colorado and a copy of the following regulations. A public hearing on the authorization of the proposed operation may be required by the Commission. Any person who would be adversely affected or aggrieved by the authorization of an underground disposal operation may request a public hearing on the proposed authorization by filing with the Commission a written request for such a hearing within 15-days after the notice of application has been mailed or delivered in compliance with the rules and regulations for application. The Commission shall hold such a hearing if it finds, based upon such request(s), a significant degree of public interest in a hearing. Such hearings shall be conducted in accord with the requirements of C.R.S. 1973, 34-60-108, as amended.

I trust this information will be sufficient for your needs, at this time, but if not, please contact me at (303) 298-9595 and I will be happy to answer any questions you might have.

Cordially,
TREND RESOURCES LIMITED


Jean M. Muse
Production Supervisor

JMM/jm

enclosures

cc: file

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AUG 27 1985

COLORADO OIL & GAS CONS. COMM.

BAC
(7) The estimated minimum and maximum amount of water to be injected daily with anticipated injection pressures and known or calculated fracturing pressure of the disposal formation.

SW
(8) The names and addresses of those persons notified by the applicant, as required by paragraph (d) of this rule.

(b) Application may be made to include the use of more than one (1) disposal well on the same lease, or on more than one lease. Wherever feasible and applicable, the application should contemplate a coordinated plan for the whole field.

(c) The designated operator of a unitized or cooperative project shall execute the application.

(d) Notice of the application shall be given by the applicant by registered or certified mail, or by delivering a copy of the application to each owner of record, including each surface owner within one-quarter mile of the proposed well or wells. Such notice shall be mailed to, or filed with the Commission, and the applicant shall certify that notice by registered or certified mail, or by delivery to each of the required owners of record including surface owners has been accomplished. The notice shall describe the proposed operation and shall state that a public hearing on the authorization of the proposed operation may be required before the Commission. The notice shall also state that additional information on the operation for which authorization has been applied may be obtained at the Commission office.

(e) Any person who would be adversely affected or aggrieved by the authorization of an underground disposal operation may request a public hearing on the proposed authorization by filing with the Commission a written request for such a hearing within 15-days after the notice of application has been mailed or delivered in compliance with paragraph (d). The Commission shall hold such a hearing if it finds, based upon such request(s), a significant degree of public interest in a hearing. Such hearings shall be conducted in accord with the requirements of C.R.S. 1973, 34-60-108, as amended.

327. MECHANICAL INTEGRITY TESTING

(a) For the purpose of this rule, a mechanical integrity test of an injection well is a test designed to determine if:

(1) there is a significant leak in the casing, tubing, or packer of the well, and

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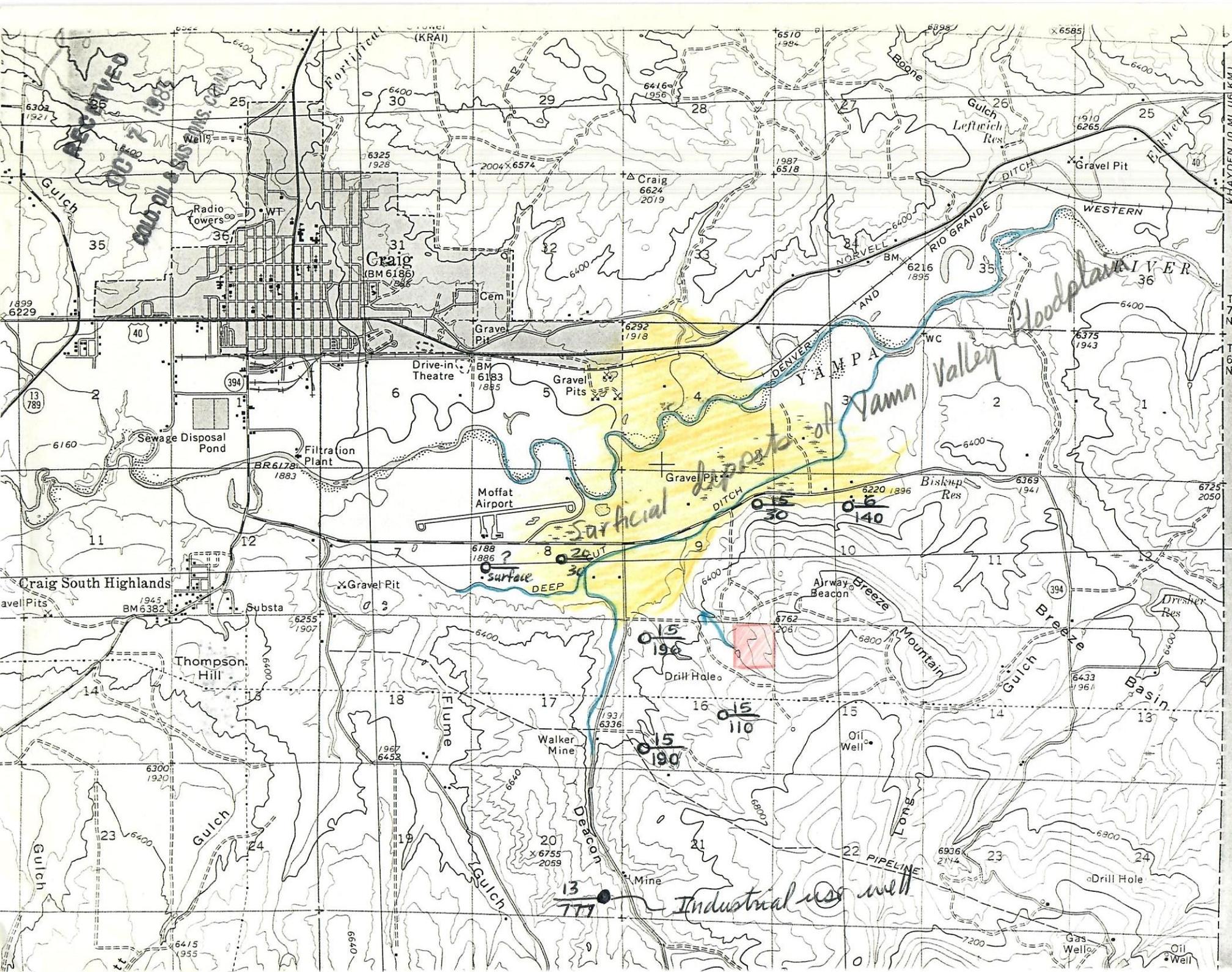
STATE 2-16

Moffat County, Colorado

COLO. OIL & GAS CONS. COMM.

Salt Water Disposal Conversion Prognosis

1. MIRU Service Rig.
2. TOH with 2 3/8", 8rd, 6.5# tubing.
3. Set CIBP at \pm 6,540'. Dump 25 sx cement on top.
4. TOH with tubing.
5. Run CBL/GR from \pm 6,540' to TOC (est. TOC 5,000').
 - a) Determine what if any cement exists across the interval from 4,430' - 4,700'. Take remedial steps required to have cement at least 500' above interval (\pm 3,900').
6. Pressure test casing to 1,000 psig.
7. Perforate 4,432' to 4,460' with 2 JSPF and 4,500' - 4,518' with 2 JSPF.
8. Set retrievable packer at \pm 4,350'. Perform injectivity test. Determine if stimulation is required and perform if necessary.
9. TOH with tubing.
10. Set injection packer at \pm 4,350'. String into tubing. ND BOP, NU wellhead, begin displacing fluid.
11. Release rig.



HAYDEN 10 MI. 116 KM.

ROUTT CO

6 — gpm
140 — well depth

Industrial use well

Surface DEEP

Surface

Gravel Pit

Gravel Pits

Gravel Pit

BEST IMAGE AVAILABLE

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MAY 7 1985
MADISON

**** F 05 ****

IGAE-RT, DIVISION OF WATER RESOURCES, GROUND WATER SECTION, MASTER EXTRACT LIST
FULL MASTER LIST BY LOCATION

FILE CONTROL D-CT-PERMIT	OWNER NAME/S	STREET ADDRESS										CITY	ZIP								
NUMBER	APR-DATE	ADJ-DATE	W	M	D	P	RANGE	TOWN	SHIP	SEC	SEC COORDINATES	LOCAT'N	QUARTER	SECTIONS	USE	DATE	WELL YIELD	WELL DPTH	WTRN LEVEL	ANNUAL APPROP	
6-41-104040	DURHAM LIVESTOCK CO											RURAL ROUTE									
6-41-070878	MYERS, DAVID O.											P.O. BOX 11									
6-41-079717	DAVIDSON, DOUGLAS W.											P.O. BOX 154									
6-41-016214	CALDER R V											P.O. BOX 1716E									
6-41-020822	COOPER RUSSEL											BOX 786									
6-41-027035	WILSON HOMER																				
6-41-027036	WILSON HOMER											HAYDEN RT									
6-41-037473	WILSON HOMER																				
6-41-003710F	MOFFAT CO FAIR BOARD											COURT HOUSE									
6-41-020530	WILSON ELLIS											BOX 953									
6-41-022613	CRAIG LUMBER CO											BOX 92									
6-41-042501	PREACE STANLY											EAST OF CRAIG									
6-41-006954	BOWER FRED																				
6-41-024431	PREECE JOHN											BOX 576									
6-41-027725	TUTTLE BURTON											BOX 1046									
6-41-021326	MYERS CLAUDE J																				
6-41-031048	MOFFAT COUNTY COLO																				
6-41-081001	RITCHIE, HOWARD W											BREEZE BASIN RT									
6-41-105634	ASHBAUGH, JOHN F.											4010S, 1270E									
6-41-082642	VOLOSHIN, MIKE											BOX 398									
6-41-082644	VOLOSHIN, MIKE											PO BOX 981									
6-41-082645	VOLOSHIN, MIKE											PO BOX 981									
6-41-071117	BISKUP, EUGENE											P.O. BOX 282									
6-41-022688F	SOVIEV & BREEZE HLDS WTR CO											2140E									

DATE OF UPDATE IS 12-29-83

**** 6 05 ****

IGAE-RT, DIVISION OF WATER RESOURCES, GROUND WATER SECTION, MASTER EXTRACT LIST
FULL MASTER LIST BY LOCATION

FILE CONTROL D-CT-PERMIT	OWNER NAME/S	STREET ADDRESS										CITY	ZIP								
NUMBER	APR-DATE	ADJ-DATE	W	M	D	P	RANGE	TOWN	SHIP	SEC	SEC COORDINATES	LOCAT'N	QUARTER	SECTIONS	USE	DATE	WELL YIELD	WELL DPTH	WTRN LEVEL	ANNUAL APPROP	
6-41-074948	BRETT, JOSEPH A.											0980S, 0870E									
6-41-074957	CORDLE, BEN											BREEZE BASIN RT									
6-41-114971	CLAY, WILLIAM											BOX 25A BB RT									
6-41-082639	VOLOSHIN, MIKE											PO BOX 981									
6-41-082640	VOLOSHIN, MIKE											PO BOX 981									
6-41-082641	VOLOSHIN, MIKE											PO BOX 981									
6-41-082643	VOLOSHIN, MIKE											PO BOX 981									
6-41-079350	KNEZ, ANTOE											P.O. BOX 508									
6-41-089740	RODEWALD, DORIS C											379 RUSSELL ST									
6-41-092425	LOVEJOY, MARILYN											95 RANNEY ST									
6-41-087965	RHYNE, WENDELL R											BREEZE BASIN RT									
6-41-002325F	CABEEN EXP CORP											679 TAYLOR									
6-41-001223	JOHNSON BROS																				
6-41-001224	JOHNSON DAVID W																				
6-41-002203F	SINDEN DAIRY CO																				
6-41-015901	JOHNSON D W											BOX 506									

NOTE

ZIP ST

R ANNUAL IRR. GEOL. L APPROP ACRS AQUIFER

IPG	CO		
IPG	CO		
7	0	0	
S 81601	CO		
S 81601	CO		
3	0	0	
IPG	CO		
0	0	0	
IPG	CO		
6	0	0	
IPG	CO		
7	0	0	
IPG	CO		
5	0	0	
IPG	CO		
5	0	0	
IPG	CO		
10	0	0	
IPG	CO		
16	0	0	
IPG	CO		
15	0	0	
IPG	CO		
16	0	0	
IPG	CO		
15	0	0	
IPG	CO		
10	0	0	
IPG	CO		
18	0	0	
IPG	CO		
35	0	0	
80010	CO		
42	0	0	
SPG	CO		
50	0	0	
SPG	CO		
18	0	0	
PS 81601	CO		
15	0	0	
PS 81601	CO		
50	0	0	
F. 81601	CO		
37	0	0	
SPG	CO		
41	0	0	
SPG	CO		
57	0	0	
PG 81601	CO		

PAGE 4806

ZIP ST

TR ANNUAL IRR. GEOL. EL APPROP ACRS AQUIFER

46	0	0	
PG 81601	CO		
53	0	0	
SPG	CO		
21	0	0	
IPRG	CO		
12	0	0	
SP	CO		
43	0	0	
SPG	CO		
58	0	0	
SPG	CO		
30	0	0	
JD S 81601	CO		
RECORD *****			
SALE 81623	CO		
85	24.2	0	
SPGS	CO		
SPGS	CO		
0	0	0	
SPG 81601	CO		
SPG 81601	CO		
0	0	1	
SPGS 81601	CO NO SBU		
50	1		
PGS 81601	CO		
SPS 81601	CO		
14	1.5	1	
SPS 81601	CO NO SBU		
30	1.0		
SPS 81601	CO NO SBU		
220	1.0		
80003	CO		
1.0	4		
SPG 81601	CO NO SBU		

BEST IMAGE AVAILABLE

29-83

RECEIVED
OCT 7 1985
L & GAS CONS. COMM.

**** F 05 ****

ZIP	ST
PG	CO
7	0
S 81601	CO
S 81601	CO
3	0
PG	CO
0	0
PG	CO
6	0
PG	CO
7	0
PG	CO
5	0
PG	CO
0	0
PG	CO
6	0
PG	CO
5	0
PG	CO
16	0
PG	CO
10	0
PG	CO
18	0
PG	CO
15	0
80010	CO
12	0
PG	CO
50	0
SPG	CO
18	0
S 81601	CO
15	0
PS 81601	CO
30	0
81601	CO
37	0
SPG	CO
41	0
SPG	CO
57	0
PG 81601	CO

PAGE 4806

IGAE-RT, DIVISION OF WATER RESOURCES, GROUND WATER SECTION, MASTER EXTRACT LIST
FULL MASTER LIST BY LOCATION

FILE CONTROL	D-CT-PERMIT	OWNER NAME/S	STREET ADDRESS										CITY		ZIP				
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NUMBER	APR-DATE	ADJ-DATE	W	M	D	P	RANGE	TOWN	SHIP	SEC	LOCAT'N	QUARTER	SECTIONS	USE	DATE	WELL YIELD	WELL DPTH	WATR LVEL	ANNUAL APPROP
6-41-104040			44	99	99	S	090 0W	06	0N	34	0700S, 2400W	RURAL ROUTE SE SW 3	08-01-67	15.0		HAMILTON	81638		
6-41-070878			44	99	99	S	090 0W	06	0N	04	0099N, 2533E	P.O. BOX 11 NW NE 0	08-20-73	6.0		HAYDEN	81639		
6-41-079717			44	99	99	S	090 0W	06	0N	04	0846N, 1716E	P.O. BOX 154 NW NE 1	10-02-75	.0		CRAIG	81625		
6-41-016214			44	99	99	S	090 0W	06	0N	05		BOX 786 NE NE 1	07-10-63	10.0		CRAIG	81625		
6-41-020822			44	99	99	S	090 0W	06	0N	05		NE NE 1	07-10-63	10.0		CRAIG	81625		
6-41-027035			44	99	99	S	090 0W	06	0N	05		NE NW 1	07-23-64	12.0		CRAIG	81625		
6-41-027036			44	99	99	S	090 0W	06	0N	05		NW NW 2	06-09-66	40.0		CRAIG	81625		
6-41-037473			44	99	99	S	090 0W	06	0N	05		NW NW 1	06-08-66	25.0		CRAIG	81625		
6-41-003710F			44	99	99	S	090 0W	06	0N	05		SE NE 1	04-18-69	15.0		CRAIG	81625		
6-41-020530			44	99	99	S	090 0W	06	0N	06		COURT HOUSE NE NW 6	08-08-62	300.0		CRAIG	81625		
6-41-022613			44	99	99	S	090 0W	06	0N	06		BOX 955 SW NW 2	07-17-64	20.0		CRAIG	81625		
6-41-042501			44	99	99	S	090 0W	06	0N	06		BOX 92 NW NW 1	01-14-65	18.0		CRAIG	81625		
6-41-006954			44	99	99	S	090 0W	06	0N	06		EAST OF CRAIG SE NW 1	08-11-70	8.0		CRAIG	81625		
6-41-024431			44	99	99	S	090 0W	06	0N	07		SW NW 1	09-12-60	5.0		CRAIG	81625		
6-41-027725			44	99	99	S	090 0W	06	0N	07		BOX 576 NE NE 1	06-28-65	10.0		CRAIG	81625		
6-41-021326			44	99	99	S	090 0W	06	0N	07		BOX 1046 NW NE 1	06-10-66	.5		CRAIG	81625		
6-41-031048			44	99	99	S	090 0W	06	0N	08		NW SW 1	08-26-64	4525.9		CRAIG	81625		
6-41-081001			44	99	99	S	090 0W	06	0N	09		BREEZE BASIN RT BX 27 NE NE 1	05-15-67	20.0		CRAIG	81625		
6-41-105634			44	99	99	S	090 0W	06	0N	09		4010S, 1270E NE NE 1	09-23-75	15.0		CRAIG	81625		
6-41-082642			44	99	99	S	090 0W	06	0N	10		BOX 398 PO BOX 981 NW NW 3	08-16-79	6.0		CRAIG	81625		
6-41-082644			44	99	99	S	090 0W	06	0N	16		1150S, 0300W PO BOX 981 SW SW 3	06-07-61	15.0		CRAIG	81625		
6-41-082645			44	99	99	S	090 0W	06	0N	16		0550N, 0600W NW NW 3	06-03-61	15.0		CRAIG	81625		
6-41-071117			44	99	99	S	090 0W	06	0N	16		2500S, 2580E PO BOX 981 NW SE 3	06-03-61	15.0		CRAIG	81625		
6-41-022688F			44	99	99	S	090 0W	06	0N	19		0132N, 2140E PO BOX 867 NE NW 3	08-29-73	3.0		CRAIG	81625		

DATE OF UPDATE IS 12-29-83

**** G 05 ****

ZIP	ST
PG	CO
53	0
SPG	CO
21	0
PRG	CO
12	0
SP	CO
43	0
SPG	CO
58	0
SPG	CO
30	0
PS 81601	CO
RECORD *****	
MALE 81623	CO
85	0
IPGS	CO
IPGS	CO
0	0
SPG 81601	CO
SPG 81601	CO
0	1
SPGS 81601	CO NO SBU
50	1
PGS 81601	CO
SPS 81601	CO
14	1
SPS 81601	CO NO SBU
30	1
SPS 81601	CO NO SBU
220	1
80003	CO
1.0	4
SPG 81601	CO NO SBU

IGAE-RT, DIVISION OF WATER RESOURCES, GROUND WATER SECTION, MASTER EXTRACT LIST
FULL MASTER LIST BY LOCATION

FILE CONTROL	D-CT-PERMIT	OWNER NAME/S	STREET ADDRESS										CITY		ZIP				
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
NUMBER	APR-DATE	ADJ-DATE	W	M	D	P	RANGE	TOWN	SHIP	SEC	LOCAT'N	QUARTER	SECTIONS	USE	DATE	WELL YIELD	WELL DPTH	WATR LVEL	ANNUAL APPROP
6-41-074948			44	99	99	S	090 0W	06	0N	20	0980S, 0870E	SE SE 8	09-20-76	13.3		CRAIG	81625		
6-41-074957			44	99	99	S	090 0W	06	0N	20	1200S, 1500W	BREEZE BASIN RT B.21 SE SW 1	05-25-74	9.0		CRAIG	81625		
6-41-114971			44	99	99	S	090 0W	06	0N	20	2300S, 0400E	BOX 25A 88 RT SE SE 1	07-01-74	10.0		CRAIG	81625		
6-41-082639			44	99	99	S	090 0W	06	0N	20	2710N, 1450W	P.O. BOX 101 SW NW 1	11-11-80	8.0		CRAIG	81625		
6-41-082640			44	99	99	S	090 0W	06	0N	21	0075N, 1830W	PO BOX 981 NE NW 3	06-01-61	15.0		CRAIG	81625		
6-41-082641			44	99	99	S	090 0W	06	0N	21	0450N, 2500E	PO BOX 981 NW NE 3	06-01-61	15.0		CRAIG	81625		
6-41-082643			44	99	99	S	090 0W	06	0N	21	0500N, 1680W	PO BOX 981 NE NW 3	06-01-61	15.0		CRAIG	81625		
6-41-079350			44	99	99	S	090 0W	06	0N	27	2050S, 0200W	PO BOX 981 NW SW 3	06-03-61	15.0		CRAIG	81625		
6-41-089740			44	99	99	S	090 0W	06	0N	28	1100N, 2200W	P.O. BOX 508 NE NW 1	06-10-75	3.0		CRAIG	81625		
6-41-092425			44	99	99	S	090 0W	06	0N	28	0330S, 1200W	379 RUSSELL ST SW SW 1	07-13-77	7.0		CRAIG	81625		
6-41-087965			44	99	99	S	090 0W	06	0N	28	2375S, 0600W	95 RANNEY ST SW SW 0	07-02-77	10.0		CRAIG	81625		
6-41-002325F			44	99	99	S	090 0W	06	0N	29	0100N, 2000E	BREEZE BASIN R BX 208 NW NE 1	10-01-76	12.0		CRAIG	81625		
6-41-001223			44	99	99	S	090 0W	06	0N	31		679 TAYLOR NW NE 4	10-20-59	50.0		CRAIG	81625		
6-41-001224			44	99	99	S	090 0W	07	0N	03		NE SE 1	05-14-58	10.0		CRAIG	81625		
6-41-002203F			44	99	99	S	090 0W	07	0N	03		NE SE 1	05-11-58	10.0		CRAIG	81625		
6-41-015901			44	99	99	S	090 0W	07	0N	03		SE NE 4	07-23-59	5.0		CRAIG	81625		
												BOX 508							
												NW SE 1	06-17-63	5.0		CRAIG	81625		

BEST IMAGE AVAILABLE

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OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADO

Form No. 1
- in duplicate for National and Federal lands.
- in quadruplicate for State lands.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR: **TREND EXPLORATION LIMITED**

3. ADDRESS OF OPERATOR: **600 Capitol Life Center, Denver, Colorado 80203**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: **300' NSL 1491' EWL, Sec. 9, T-6-N, R-90-W**
At top prod. interval reported below: **(6667') 210' NSL, 1798' EWL, Sec. 9**

5. TYPE OF COMPLETION:
NEW WELL: OPEN DEEP EX DEEP EX DEEP EX DEEP EX

6. NAME OF OPERATOR: **TREND EXPLORATION LIMITED**

7. FIRM OR LEASE NAME: **G. Kouch**

8. WELL NO.: **1 (sidetrack)**

9. FIELD AND PROD. OR WELLSHIP: **Buck Peak**

10. SEC. V. S. N. OR BORE AND SURFACE OR AREA: **Sec. 9, T-6-N, R-90-W**

11. COUNTY: **Hoffat**

12. STATE: **Colorado**

13. DATE DIVIDED: **1-6-73**

14. DATE TO BE REACHED: **6-29-73**

15. DATE COMPLETED: **7-12-73**

16. PERMITS NO.: **721054**

17. DATE ISSUED: **12-20-72**

18. ELEVATION (SP. ELEV. BY CO. ETC.): **6276 KB**

19. WELL CATEGORIES: **6261**

20. INVESTIGATED BY: **All**

21. SURVEY TOOLS: **None**

22. CARDS TOOLS: **None**

23. WAS DISPOSITIONAL SURVEY MADE: **Yes**

24. TYPE ELECTRIC AND OTHER LOGS RUN:
Ind-Lat., Sonic, Bond, Gamma Ray Neutron

25. CASING RECORD (Report all strings set in well):

CASING SIZE	WEIGHT LB/FT	DEPTH SET (MD)	WELL SIZE	CEMENTING RECORD	AMOUNT CEMENT
13-3/8"	48	343 KB	17-1/2	450 SX circ.	None
7"	23	6400'	8-3/4"	175 SX	270'
7"	23	5104'	8-3/4"	200 SX	

26. TUBING RECORD:

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6695'	6695'

27. LIVER RECORD:

SIZE	TOP (MD)	BOTTOM (MD)	DATE CEMENT	SCREEN (MD)
4" slotted	4937'	7481'		

28. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

29. PRODUCTION:

PRODUCTION METHOD (Flowing, gas lift, pumping-out and type of pump): **Flowing - down hole hydraulic**

WELL STATUS (Producing or shut in): **Producing**

WATER - GAL: **nil**

GAS - MCF: **nil**

OIL - BBL: **310**

TEST PERIOD: **298**

DATE TESTED: **7-12-73**

TEST WITNESSED BY: **Kent Grandbouché**

30. SIGNATURE: **[Signature]** TITLE: **Engineer** DATE: **July 19, 1973**

31. See spaces for Additional Data on Reverse Side

NOTE: ORIGINAL WELL PLUGGED BACK TO 5100'

CONVEYANCE	TOP	BOTTOM	STATUS
13-3/8"	6667	7800	Plugged
8-3/4"	6339	7342	Attached to surface
7"	6000		Attached to surface

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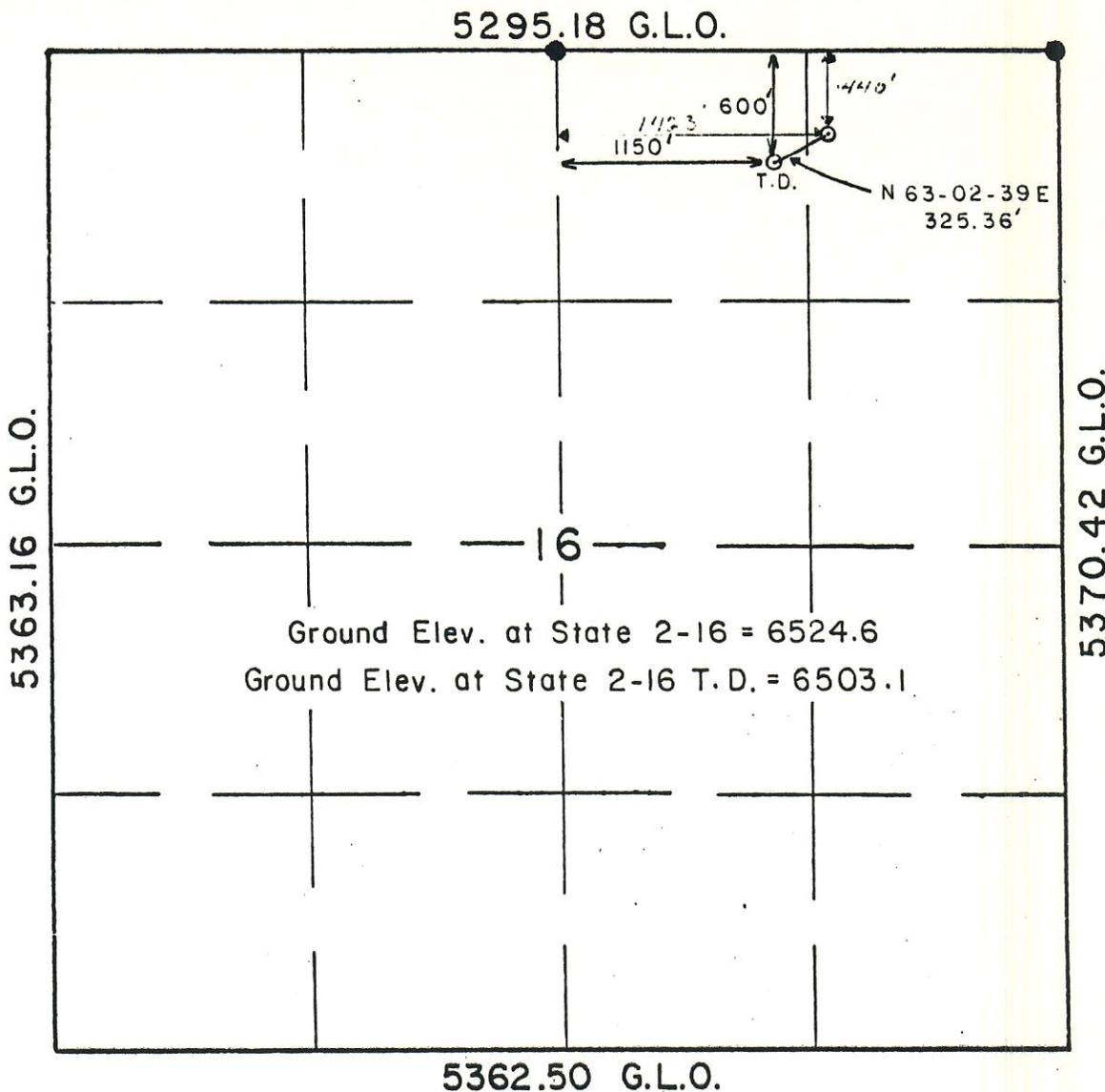
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADO

RECEIVED

SEP 11 1985

COLO. OIL & GAS CONS. COMM.

R 90 W



T6N

● = Brass Cap found and used

SCALE 1" = 1000'

E & C Consulting, Inc. of Craig, Colorado has in accordance with a request from TREND EXPLORATION of DENVER, COLORADO determined the location of State 2-16 to be 600 FNL and 1150 FWL, Section 16, Township 6 North, Range 90 West of the 6th P.M., Moffat County, Colorado.

I hereby certify that this plat is an accurate representation of a correct survey showing the location of State 2-16 .

DATE:

6-11-84

Colorado Registration No. 14815
Peter Epp L.S.

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

IN THE MATTER OF THE PROMULGATION)
AND ESTABLISHMENT OF FIELD RULES TO)
GOVERN OPERATIONS IN THE BUCK PEAK) CAUSE NO. 103
FIELD, MOFFAT COUNTY, COLORADO)

NOTICE OF HEARING

TO ALL INTERESTED PERSONS AND TO WHOM IT MAY CONCERN:

On September 11, 1985, Trend Exploration, Ltd. filed with the Commission an application pursuant to Rule 326 of the Rules and Regulations for approval to use Well No. 2-16 Trend State, located in the NE1/4 Section 16, Township 6 North, Range 90 West, Buck Peak Field, Moffat County, Colorado, as a water disposal well into the Morapos member of the Mancos Shale formation. Protests to the granting of the application have been received.

NOTICE IS HEREBY GIVEN, that the Oil and Gas Conservation Commission of the State of Colorado, pursuant to the above, has scheduled the above-entitled matter for hearing on:

DATE: Monday, October 21, 1985
TIME: 9:00 a.m.
PLACE: Room 110, State Centennial Building
1313 Sherman Street
Denver, Colorado 80203

At said hearing, Applicant and Protestants and any other interested persons, are requested to appear and present testimony in order for the Commission to determine if approval for said water disposal well should be given.

Pursuant to said hearing in the above-entitled matter at the time and place aforesaid, or at any adjourned meeting, the Commission will enter such orders as it deems appropriate to prevent the pollution of the waters of the State and protect the environment, and to carry out the purposes of the statute.

IN THE NAME OF THE STATE OF COLORADO.

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

By Frank J. Piro
Frank J. Piro, Secretary

Dated at Denver, Colorado
October 1, 1985