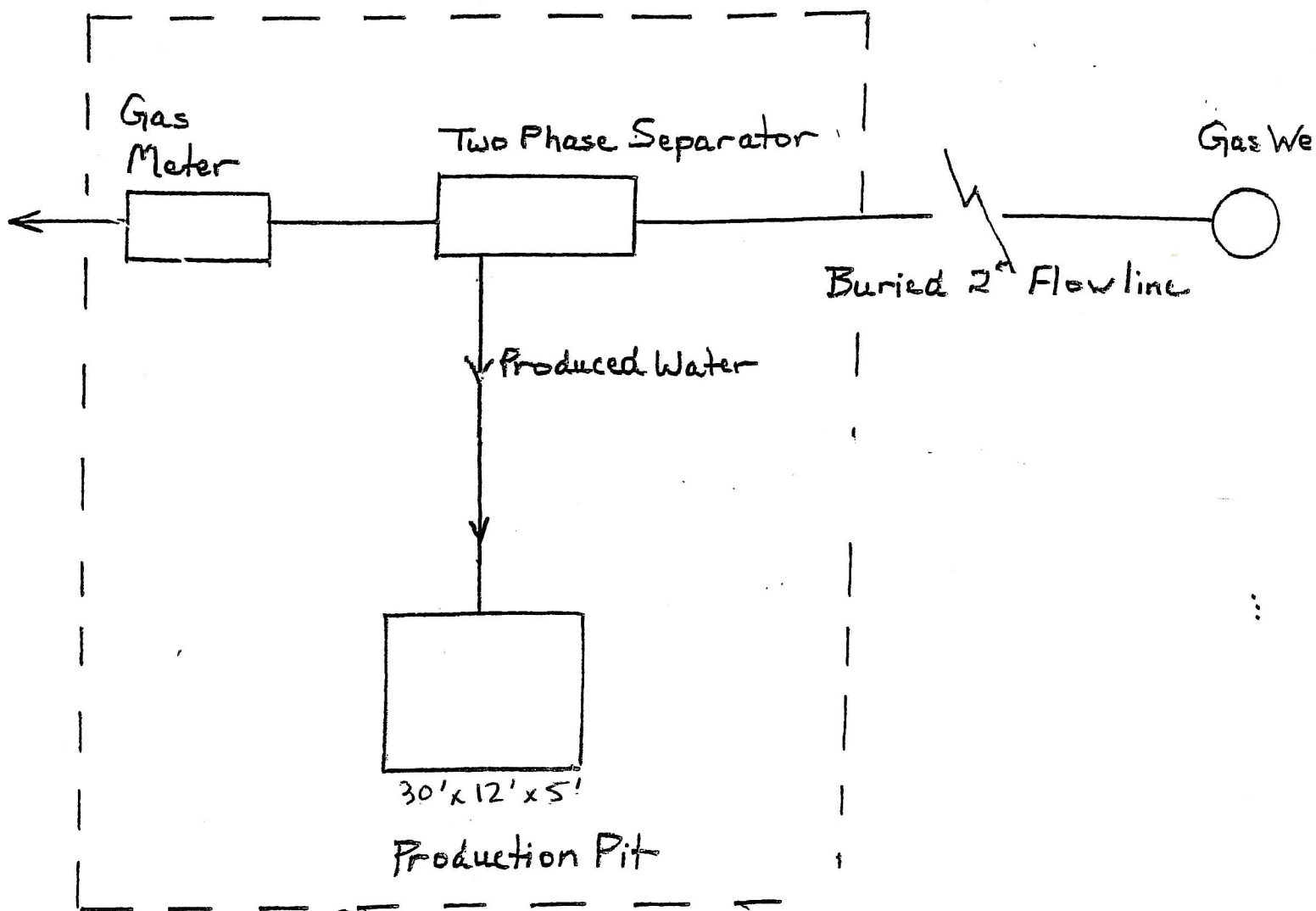


Site Plan

Niobrara Gas Well

Washington County, CO

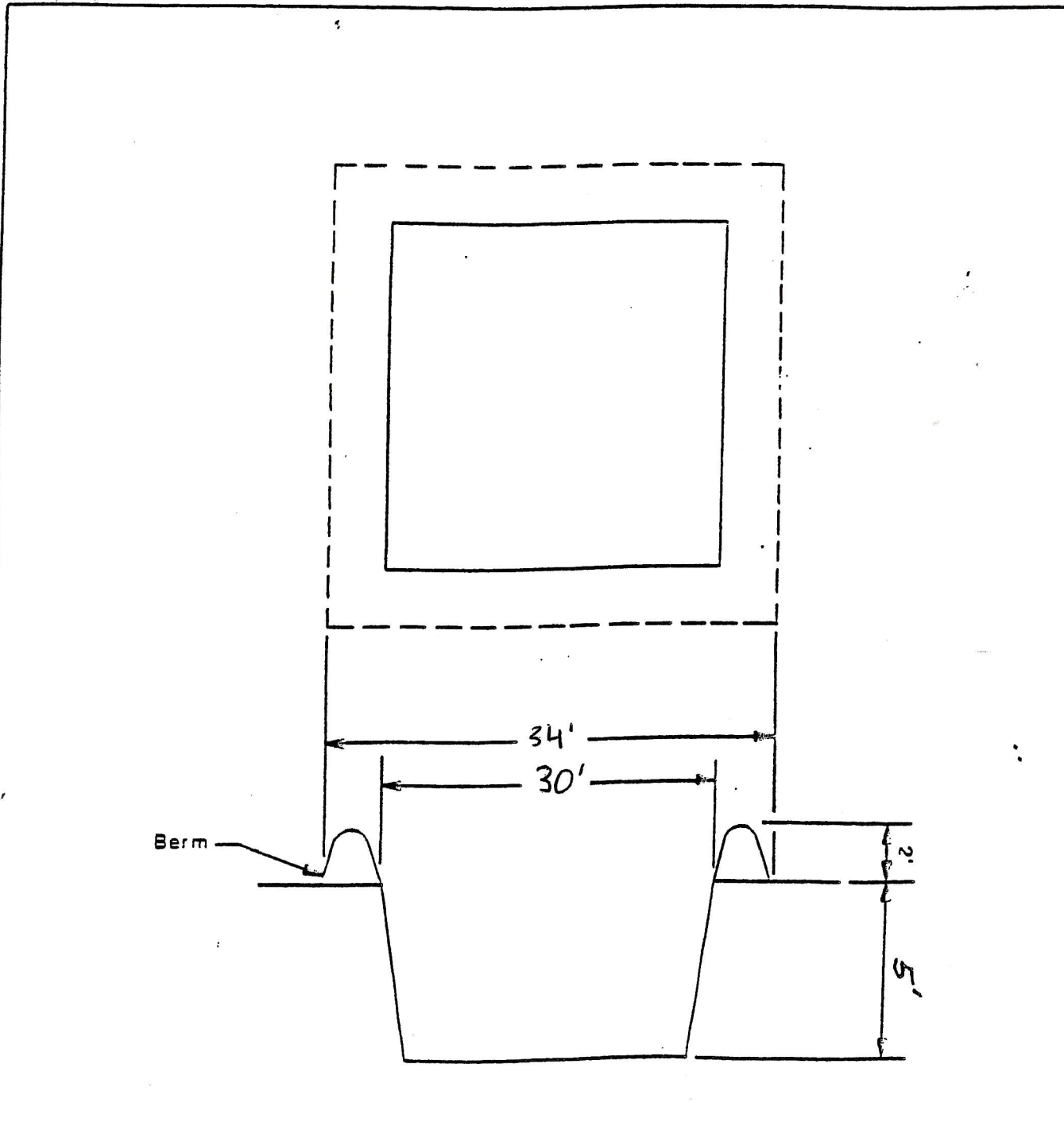


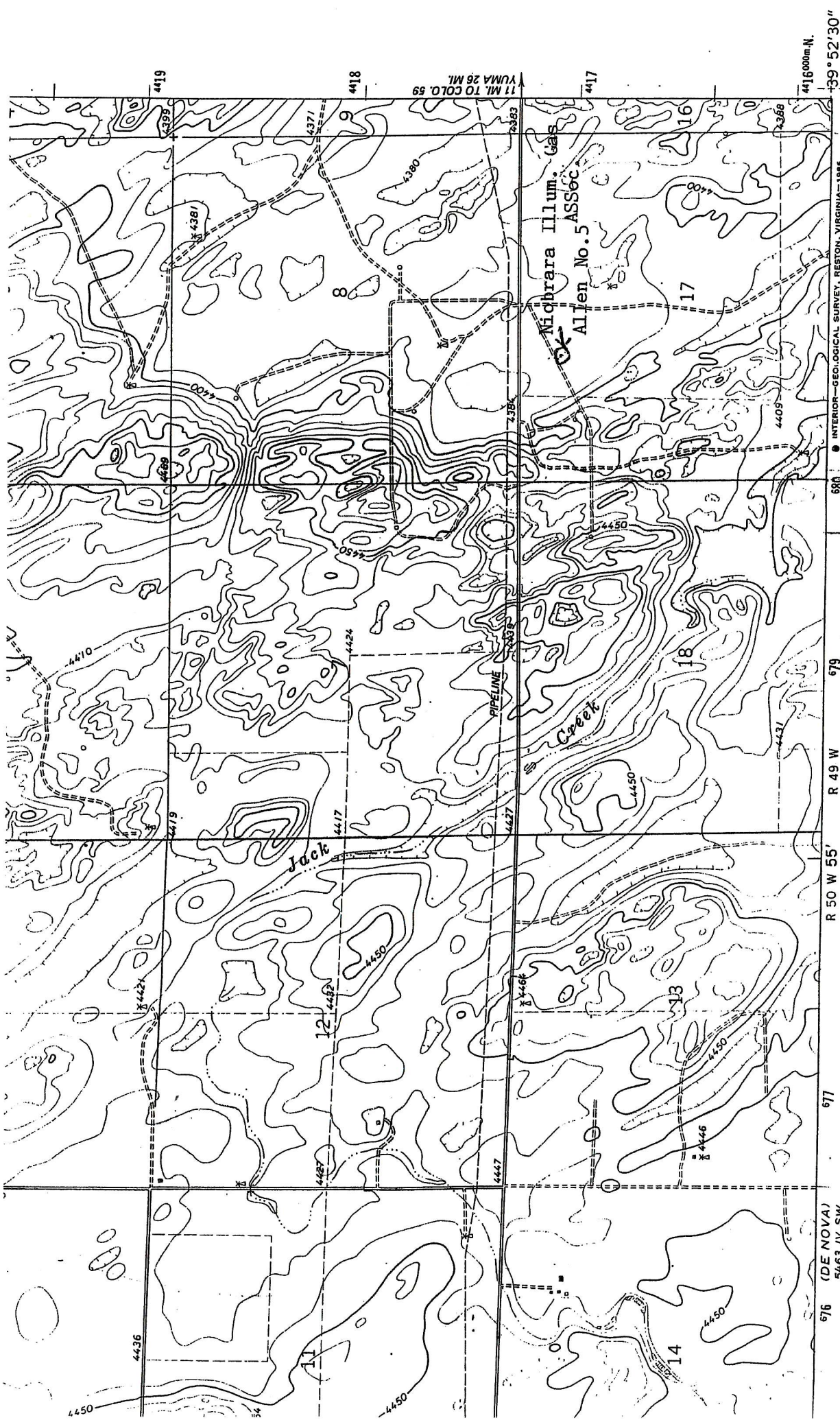
Allen #5-17

NE NW 517 - T25 - R49W

Washington County, CO

Production Pit Cross Section





976 (DE NOVA) 5463 IV SW
 977 (DE NOVA) 5463 IV SE
 R 50 W 55' R 49 W
 11 MI. TO COLO. 59
 441600m N.
 102° 52' 30" W
 39° 52' 30" N
 891000m E.

ROAD CLASSIFICATION
 Primary highway, hard surface
 Light-duty road, hard or improved surface
 Secondary highway, hard surface
 Unimproved road
 Interstate Route
 U. S. Route
 State Route

SCALE 1:24,000
 1 MILE
 1 KILOMETER
 0 1000 2000 3000 4000 5000 6000 7000 FEET
 0 5 10 15 20 METERS
 CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1985
 DE NOVA 5463 IV SE
 QUADRANGLE LOCATION
 COLORADO
 Revisions shown in purple compiled from aerial photographs
 DE NOVA NW, COLO.
 39102-HR-TF-024

Earthen Pit Permit

Evaporation & Percolation Calculations

Allen #5-17

Evaporation Rate Calculation:

1. From the attached map, Pan Evaporative Rate (inches/year) for Washington County is 53 inches/year.
2. Pit surface equals 360 square feet (30' x 12')
3. From attached Evaporative volume Table, for 53 inch/year evaporation rate and 320 square feet surface are, Evaporative Volume equals 19.2 barrels of water per month.
4. Conversion of barrels per month to barrels per day:
 $19.2 \text{ barrels/month} \div 30 \text{ days/month} = \underline{.64 \text{ barrels/day}}$

Percolation Rate Calculation:

1. From USNRCS survey, sheet No. 31, the soil complex/Series is No. 3.
2. From Table 14 – Physical and Chemical Properties of Soils, the permeability of Soil Complex No. 3 is 2.0 to 6.0 inches/hour at a depth of 27 to 60 inches.
3. The average permeability is therefore 4.0 inches/hour.
4. The volume of one inch of water in barrels, in a 30' x 12' pit is
 $(30' \times 12' \times 1/12')$ divided by 5.615 cubic feet per barrel = 5.34
5. Since 1.3 inches/hour percolate into the soil, the barrels per day that would percolate are: $5.34 \text{ bbls} \times 4.0 \times 24 \text{ hours/day} = 513 \text{ bbls/day}$.

EVAPORATIVE VOLUMES
BARRELS PER MONTH

SURFACE AREA SQUARE FEET)	PAN EVAPORATIVE RATE (INCHES/YEAR)																							
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
10 !	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 !	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30 !	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40 !	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
50 !	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
60 !	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
70 !	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5
80 !	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
90 !	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6
100 !	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7
200 !	8	8	9	9	9	9	10	10	10	10	10	11	11	11	11	12	12	12	12	13	13	13	13	14
300 !	12	13	13	13	14	14	14	15	15	15	16	16	16	17	17	17	18	18	18	19	19	19	19	20
400 !	16	17	17	18	18	19	19	20	20	20	21	21	22	22	23	23	24	24	25	25	25	26	26	27
500 !	20	21	22	22	23	23	24	24	25	26	26	27	27	28	28	29	30	30	31	31	32	32	33	34
600 !	25	25	26	27	27	28	29	29	30	31	31	32	33	33	34	35	35	36	37	38	38	39	40	41
700 !	29	29	30	31	32	33	33	34	35	36	37	37	38	39	40	41	41	42	43	44	45	45	46	47
800 !	33	34	35	35	36	37	38	39	40	41	42	43	44	45	45	46	47	48	49	50	51	52	53	54
900 !	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1,000 !	41	42	43	44	45	47	48	49	50	51	52	53	55	56	57	58	59	60	61	63	64	65	66	67
2,000 !	82	84	86	89	91	93	95	98	100	102	105	107	109	111	114	116	118	120	123	125	127	130	132	134
3,000 !	123	126	130	133	136	140	143	147	150	153	157	160	164	167	170	174	177	181	184	188	191	194	198	201
4,000 !	164	168	173	177	182	186	191	195	200	205	209	214	218	223	227	232	236	241	245	250	255	259	264	268
5,000 !	205	210	216	222	227	233	239	244	250	256	261	267	273	278	284	290	295	301	307	313	318	324	330	336
6,000 !	245	252	259	266	273	280	286	293	300	307	314	320	327	334	341	348	355	361	368	375	382	389	395	401
7,000 !	286	294	302	310	318	326	334	342	350	358	366	374	382	390	398	406	414	422	430	438	445	453	461	469
8,000 !	327	336	345	355	364	373	382	391	400	409	418	427	436	445	455	464	473	482	491	500	509	518	527	536
9,000 !	368	378	389	399	409	419	430	440	450	460	470	481	491	501	511	522	532	542	552	563	573	583	593	603
10,000 !	409	420	432	443	455	466	477	489	500	511	523	534	545	557	568	580	591	602	614	625	636	648	659	670

Example: Find the evaporative volume in barrels per month for a 6,750 square foot pit where the annual pan evaporative rate is 42 inches per year.

for 6,000 ft.sq., evap vol = 286 bbl/mo

for 700 ft.sq., evap vol = 33 bbl/mo

for 50 ft.sq., evap vol = 2 bbl/mo

for 6,750 ft.sq., evap vol = 321 bbl/mo

STELBAR OIL CORPORATION, INC.

1625 NORTH WATERFRONT PARKWAY, SUITE #200

WICHITA, KANSAS 67206-6602

Telephone: (316) 264-8378

Fax : (316) 264-0592

DATE: September 19, 2013

RE: Sensitive Ground Determination

The following decision tree analysis is used to reach the non-sensitive area conclusion. Please refer to the COGCC decision tree for content of boxes.

Box 1: answer YES, ppm TDS is greater than 1.25 background.

Box 2: Answer YES, location maybe underlain by recharge zone, but there is no proof it is.

Box 3: Answer NO, the hydraulic conductivity is not less than .00001 cm/sec

Box 4: Answer NO, the pit is not located in an area classified for domestic use by WQCC or a local wellhead protection area.

Box 5: Answer NO, the pit is not located within 1/8 mile of a domestic water well or 1/4 mile of a public water supply of the same source.

Box 6: Answer NO, from the pit bottom, the reported depth to average high ground water table is not less than 20 feet

The decision tree directs me to the conclusion that the pits are not in a sensitive area.

Ty Lunn
Petroleum Engineer

State of Colorado
Oil and Gas Conservation Commission
DEPARTMENT OF NATURAL RESOURCES

DRILL SITE/ACCESS ROAD RECLAMATION FORM

This form shall be submitted in duplicate with the application for permit-to-drill (OGCC Form 2) unless a Federal 13 point surface plan is included. Also required are a minimum of two photographs (site and access road). Soil and plant community information from United States Natural Resources Conservation Services (USNRCS).

ET	OE	FR	ES
----	----	----	----

Complete the Attachment Checklist

1. OGCC Operator Number: 63380	4. Contact Name & Phone Robert W. Peterson
2. Name of Operator: Niobrara Illuminating Gas Assoc.	Op: 303-260-7129
3. Address: 1580 Lincoln Street, Ste 1120 City: Denver State: CO Zip: 80203	Fax: 303-260-7230
5. Well Name & Number: Allen #5	6. County: Washington
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW Sec. 17, T.23, R.49W.	

	Oper	OGCC
Drill site and access photographs		
COE Section 404 documentation		

Pre-Drilling Information

Current Land Use

8. Crop Land: Irrigated Dry Land Improved Pasture Hay Meadow CRP

9. Non-crop land: Rangeland Timber Recreational Other (describe)

10. Subdivided: Industrial Commercial Residential

* Attach color photographs of drill site and access road; identify each photo by date, well name and location.

Soils

11. Soil map units from USNRCS survey: Sheet No: _____ Soil Complex/Series No: 71

Soils Series Name: Julesburg Horizon thickness (in inches): A: 0-10 ; B: 10-30 ; C: 30-60

Soils Series Name: Haxton Horizon thickness (in inches): A: 0-12 ; B: 12-60 ; C: _____

Vona A: 0-7 B: 7-45 C: 45-60

Plant Community

* Complete only if operations are to be conducted upon non-crop land

12. Plant species from: USNRCS or Field Observation Date of observation: 9/8/00

List individual species: Yucca, cactus, sage brush, needle and thread, gamma grass, blue stem grass

13. Check one predominant plant community for the drill site:

Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye, Thistle) Cactus and yucca.

Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)

Shrub and Brush Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)

Plains Deciduous Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)

Mountain Conifer Riparian (Spruce, Fir, Ponderosa Pine)

Evergreen Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon)

Aquatic (Bullrush, Sedges, Cattail, Arrowhead)

Tundra (Alpine, Willow, Currant, Raspberry)

Other (describe):

14. Was an Army Corps of Engineers Section 404 Permit filed? Yes No If yes, attach appropriate documentation.

Comments, if any: Our field forman has lived near this land and owned this particular land for many years. We have operated this lease for 20 years and are familiar with this land surface.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road; that I am familiar with the conditions which presently exist, that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name Robert W. Peterson

Signed Robert W. Peterson Title: Petroleum Engineer Date: 10-18-00

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Price # 3-20

Client Sample ID: ~~Pierce~~ 3-20
Client Project ID:
Date Collected: 3/3/2003
Date Received: 3/5/2003

Lab Work Order: 03-1255
Lab Sample ID: 03-1255-04A
Sample Matrix: Discharge Water

Method: SW8021B

AROMATIC VOLATILE ORGANICS

Date Prepared: 3/7/2003
Date Analyzed: 3/7/2003

Lab File ID: TVB20307\020R0101.D
Method Blank: MB2030703

Dilution Factor: 1

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	78	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	21	2.0	µg/L
m,p-Xylene	1330-20-7	22	2.0	µg/L
o-Xylene	95-47-6	24	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	103	QC Limits: 40-159	%REC

Analyst

Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: LQL - Lower Quantitation Limit
Surr - Surrogate

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Price # 3-20

Client Sample ID: Pierce 3-20
Client Project ID:
Date Collected: 3/3/03
Date Received: 3/5/03

Lab Work Order: 03-1255
Lab Sample ID: 03-1255-04
Sample Matrix: Discharge Water

Method: E200.7

200.7 DISSOLVED METALS

Date Prepared: 3/6/03
Date Analyzed: 3/11/03

Method Blank: MB-1432

Dilution Factor: 1
Lab Fraction ID: 03-1255-04C

Analytes	CAS Number	Result	LQL	Units
Iron	7439-89-6	0.21	0.070	mg/L

Method: E200.7

200.7 TOTAL METALS, WATER

Date Prepared: 3/7/03
Date Analyzed: 3/11/03

Method Blank: MB-1434

Dilution Factor: 1
Lab Fraction ID: 03-1255-04B

Analytes	CAS Number	Result	LQL	Units
Barium	7440-39-3	16	0.0010	mg/L
Calcium	7440-70-2	40	0.39	mg/L
Magnesium	7439-95-4	35	0.15	mg/L

Date Prepared: 3/7/03
Date Analyzed: 3/12/03

Method Blank: MB-1434

Dilution Factor: 10
Lab Fraction ID: 03-1255-04B

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	6700 B	4.0	mg/L

QMC
Analyst

WJH
Approved

Qualifiers: B - Analyte detected in the associated Method Blank
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/03

Lab Order: 03-1255
Date Received: 3/5/03
Units: mg/L

Anions by IC
Sulfate

Method: E300

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
03-1255-01D	Christianson A-1	Discharge Water	3/11/03	3/11/03	U	13	25
03-1255-02D	State B-1	Discharge Water	3/11/03	3/11/03	U	13	25
03-1255-03D	Maggard 5-11	Discharge Water	3/11/03	3/11/03	U	13	25
03-1255-04D	Pierce 3-20	Discharge Water	3/11/03	3/11/03	U	13	25
03-1255-05D	Axsom 2-19	Discharge Water	3/11/03	3/11/03	U	13	25
03-1255-06D	McCrath C-1	Discharge Water	3/11/03	3/11/03	303	13	25
Comments	McCrath						


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/03

Lab Order: 03-1255
Date Received: 3/5/03
Units: mg/L

Anions by IC
Chloride

Method: E300

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
03-1255-01D	Christianson A-1	Discharge Water	3/11/03	3/11/03	12800	130	250
03-1255-02D	State B-1	Discharge Water	3/11/03	3/11/03	10800	130	250
03-1255-03D	Maggard 5-11	Discharge Water	3/11/03	3/11/03	11800	130	250
03-1255-04D	Pierce 3-20 Price	Discharge Water	3/11/03	3/11/03	11100	130	250
03-1255-05D	Axsom 2-19	Discharge Water	3/11/03	3/11/03	10800	130	250
03-1255-06D	McGrath C-1	Discharge Water	3/11/03	3/11/03	15100	130	250

Comments McGrath


Analyst


Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/2003

Lab Order: 03-1255
Date Received: 3/5/2003
Units: mg/L CaCO₃

**Alkalinity
Bicarbonate**

Method: SM2320B

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
03-1255-01E	Christianson A-1	Discharge Water	3/7/2003	3/7/2003	1030	5.0	1
03-1255-02E	State B-1	Discharge Water	3/7/2003	3/7/2003	1220	5.0	1
03-1255-03E	Maggard 5-11	Discharge Water	3/7/2003	3/7/2003	1490	5.0	1
03-1255-04E	Picree 3-20 Picree	Discharge Water	3/7/2003	3/7/2003	1040	5.0	1
03-1255-05E	Axson 2-19	Discharge Water	3/7/2003	3/7/2003	809	5.0	1
03-1255-06E	McCrath C-1 McCrath	Discharge Water	3/7/2003	3/7/2003	1520	5.0	1
Comments	McCrath						

R.P. Musick

Analyst

[Signature]

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/2003

Lab Order: 03-1255
Date Received: 3/5/2003
Units: mg/L CaCO3

**Alkalinity
Carbonate**

Method: SM2320B

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
03-1255-01E	Christianson A-1	Discharge Water	3/7/2003	3/7/2003	U	5.0	1
03-1255-02E	State B-1	Discharge Water	3/7/2003	3/7/2003	U	5.0	1
03-1255-03E	Maggard 5-11	Discharge Water	3/7/2003	3/7/2003	U	5.0	1
03-1255-04E	Pierce 3-20	Discharge Water	3/7/2003	3/7/2003	U	5.0	1
03-1255-05E	Axsom 2-19	Discharge Water	3/7/2003	3/7/2003	U	5.0	1
03-1255-06E	McCrath C-1	Discharge Water	3/7/2003	3/7/2003	U	5.0	1
Comments	McCrath						

R.P. Musil

Analyst

[Signature]

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/2003

Lab Order: 03-1255
Date Received: 3/5/2003
Units: mg/L CaCO3

Alkalinity

Total Alkalinity

Method: SM2320B

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
03-1255-01E	Christianson A-1	Discharge Water	3/7/2003	3/7/2003	1030	5.0	1
03-1255-02E	State B-1	Discharge Water	3/7/2003	3/7/2003	1220	5.0	1
03-1255-03E	Maggard 5-11	Discharge Water	3/7/2003	3/7/2003	1490	5.0	1
03-1255-04E	Pierce 3-20	Discharge Water	3/7/2003	3/7/2003	1040	5.0	1
03-1255-05E	Axsom 2-19	Discharge Water	3/7/2003	3/7/2003	809	5.0	1
03-1255-06E	McCrath C-1	Discharge Water	3/7/2003	3/7/2003	1520	5.0	1
Comments McCrath							

R.P. Musick

Analyst

[Signature]

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/2003

Lab Order: 03-1255
Date Received: 3/5/2003
Units: pH Units

pH

Method: E150.1

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Results</u>	<u>LQL</u>	<u>DF</u>
03-1255-01E	Christianson A-1	Discharge Water	3/5/2003	3/5/2003	8.54	1.00	1
03-1255-02E	State B-1	Discharge Water	3/5/2003	3/5/2003	7.85	1.00	1
03-1255-03E	Maggard 5-11	Discharge Water	3/5/2003	3/5/2003	8.04	1.00	1
03-1255-04E	Pierce 3-20	Discharge Water	3/5/2003	3/5/2003	7.72	1.00	1
03-1255-05E	Axsom 2-19	Discharge Water	3/5/2003	3/5/2003	7.46	1.00	1
03-1255-06E	McGrath C-1	Discharge Water	3/5/2003	3/5/2003	8.65	1.00	1
Comments	McGrath						

R.P. Musil

Analyst

[Signature]

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/2003

Lab Order: 03-1255
Date Received: 3/5/2003
Units: mg/L

Hydrogen Sulfide

Method: SM 4500-S F

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
03-1255-01F	Christianson A-1	Discharge Water	3/7/2003	3/7/2003	U	0.50	1
03-1255-02F	State B-1	Discharge Water	3/7/2003	3/7/2003	U	0.50	1
03-1255-03F	Maggard 5-11	Discharge Water	3/7/2003	3/7/2003	U	0.50	1
03-1255-04F	Picree 3-20	Discharge Water	3/7/2003	3/7/2003	U	0.50	1
03-1255-05F	Axsom 2-19	Discharge Water	3/7/2003	3/7/2003	U	0.50	1
03-1255-06F	McCrath C-1	Discharge Water	3/7/2003	3/7/2003	U	0.50	1
Comments	McCreath						

R.P. Music

Analyst

[Signature]

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client: Stelbar Oil Corporation Inc
Project ID:
Collection Date: 3/3/2003

Lab Order: 03-1255
Date Received: 3/5/2003
Units: mg/L

Total Dissolved Solids (TDS)

Method: SM 2540C

Total Dissolved Solids

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Results</u>	<u>LQL</u>	<u>DF</u>
03-1255-01G	Christianson A-1	Discharge Water	3/10/2003	3/11/2003	19700	10.0	1
03-1255-02G	State B-1	Discharge Water	3/10/2003	3/11/2003	18700	10.0	1
03-1255-03G	Maggard 5-11	Discharge Water	3/10/2003	3/11/2003	19000	10.0	1
03-1255-04G	Pierce 3-20	Discharge Water	3/10/2003	3/11/2003	17600	10.0	1
03-1255-05G	Axsom 2-19	Discharge Water	3/10/2003	3/11/2003	16900	10.0	1
03-1255-06G	McCrath C-1	Discharge Water	3/10/2003	3/11/2003	20700	10.0	1
Comments	McCreath						



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