FORM 4 Rev 12/05

02305079

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2109

DE | ET | DA | ES

RECEIVED
JUL 22 2011
COGCC

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry Information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an

1. OGCC Operator Number: 95960
2. Name of Operator: WEXPRO COMPANY
3. Address: P.O. BOX 458
   City: ROCK SPRINGS State: WY Zip: 82902
4. Contact Name: Tammy Fredrickson
   Phone: 307 352-7514
   Fax: 307 352-7575
5. API Number 05- 081-07617-00
   OGCC Facility ID Number 414020
6. Well/Facility Name: CARL ALLEN
7. Well/Facility Number 37
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NE NE 4-11N-97W 6PM
9. County: MOFFAT
10. Field Name: Powder Wash
11. Federal, Indian or State Lease Number: COC081267

Complete the Attachment Checklist

	OP	OGCC
Survey Plat	X	✓
Directional Survey	X	✓
Surface Eqpmt Diagram		
Technical Info Page	X	X
Other		✓

General Notice PA CoC 047671A

X CHANGE OF LOCATION: **Attach New Survey Plat** (a change of surface qtr/qtr is substantive and requires a new permit

	FNL/FSL		FEL/FWL	
Change of **Surface** Footage **from** Exterior Section Lines:	365'	FNL	589'	FEL
Change of **Surface** Footage **to** Exterior Section Lines:	325'	FNL	586'	FEL
Change of **Bottomhole** Footage **from** Exterior Section Lines:				
Change of **Bottomhole** Footage **to** Exterior Section Lines:				attach directional survey

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer

Latitude 40.98661 ~~40.951364~~ Distance to nearest property line 11088' Distance to nearest bldg, public rd, utility or RR 250'

Longitude ~~108.289158~~ 108.289444 Distance to nearest lease line 705' Is location in a High Density Area (rule 603b)? No

Ground Elevation 6601' Distance to nearest well same formation 850' Surface owner consultation d 11/02/10

GPS DATA:

Date of Measurement 04/20/11 PDOP Reading 1.2 Instrument Operator's Name Trevor Anderson

CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

Remove from surface bo
Signed surface use agreement att

CHANGE OF OPERATOR (prior to drilling):
Effective Date:
Plugging Bond: Blanket Individual

CHANGE WELL NAME NUMBER
From:
To:
Effective Date:

ABANDONED LOCATION:
Was location ever built? Yes No
Is site ready for Inspection? Yes No
Date Ready for Inspection:

NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned:
Has Production Equipment been removed from site? Yes No
MIT required if shut in longer than two years. Date of last MIT

SPUD DATE:

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately
Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

X Notice of Intent
Approximate Start Date: 8/1/2011

Report of Work Done
Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

- Intent to Recomplete (submit form 2)
- X Change Drilling Plans
- Gross Interval Changed?
- Casing/Cementing Program Change
- Request to Vent or Flare
- Repair Well
- Rule 502 variance requested
- Other:
- E&P Waste Disposal
- Beneficial Reuse of E&P Waste
- Status Update/Change of Remediation Plans for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete

Signed: W.T. Davey Jr Date: 7-18-11 Email: Tammy.Fredrickson@Questar.com

Print Name: W.T. Davey, JR Title: Drilling Manager

COGCC Approved: Title: NWA Engr Date: 10/13/11

CONDITIONS OF APPROVAL, IF ANY:

FORM 4 Rev 12/05

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

1. OGCC Operator Number: 95960 API Number: 05-081-07617-00
2. Name of Operat Wexpro Company OGCC Facility ID # 414020
3. Well/Facility Name: CARL ALLEN Well/Facility Number: 37
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NE NE 4-11N-97W

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

Due to Rig Skid Packages, Wexpro Company requests approval to slightly change the SHL for the above mentioned well. The new SHL will be: 325' FNL, 586' FEL, NENE, Sec. 4, T11N, R97W. The BHL will remain unchanged. Wexpro also intends to drill deeper into the Lance formation to 9555' MD. 9 5/8" surface casing will be J55. Wexpro Company also intends to use a Flex Hose between the BOP and Choke Manifold, see drilling plan for detials. Please see attached revised drilling plan. This location has been constructed and there will not be any more new disturbance.

DRILLING PLAN
WEXPRO COMPANY
CARL ALLEN WELL NO. 37
REVISED 7/11/2011
MOFFAT COUNTY, COLORADO

1. SURFACE FORMATION, ESTIMATED TOPS AND WATER, OIL, GAS OR MINERAL BEARING FORMATIONS:

		MD	TVD
Wasatch	-	**Surface**	**Surface**
A-4-G	-	4,459'	4,368' - gas - secondary objective
A-4-H	-	5,040'	4,938' - gas - secondary objective
Fort Union	-	**5,238'**	**5,134'** - gas - major objective
Allen 8 A	-	6,019'	5,912' - gas - major objective
Allen 8 B	-	6,080'	5,973' - gas - major objective
Allen 8 E	-	6,210'	6,103' - gas - major objective
Allen 8 H	-	6,457'	6,350' - gas - major objective
Allen 9 A	-	6,622'	6,515' - gas - secondary objective
Allen 9 B	-	6,683'	6,576' - gas - secondary objective
Allen 11	-	6,912'	6,804' - gas - major objective
Allen 11 A	-	7,125'	7,017' - gas - major objective
4600	-	7,580'	7,472' - gas - major objective
Allen 10 B	-	7,862'	7,754' - gas - major objective
Allen 10 C	-	7,913'	7,805' - gas - major objective
Allen 6 G	-	8,530'	8,422' - gas - major objective
Allen 6 H	-	8,611'	8,504' - gas - major objective
Allen 6 K	-	8,766'	8,659' - gas - major objective
Lance	-		
Total Depth	-	**9,555'**	**9,447'**

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected.

2. PRESSURE CONTROL EQUIPMENT: (see attached diagram) Operator's minimum specifications for pressure control equipment require an 11-inch 3000 psi double gate hydraulically operated blowout preventer and an 11-inch 3000 psi annular preventer. BOP equipment will be tested to its rated working pressure or 70-percent of the internal yield of the surface casing. The annular preventer will be tested at 50-percent of its rated working pressure. NOTE: The surface casing will be pressure tested to a minimum of 1500 psi. BOP's will be checked daily as to mechanical operating condition and will be tested by rig equipment after each string of casing is run. All ram type preventers will have hand wheels which will be operative and accessible at the time the preventers are installed. Accumulator will include both electric and air power source (see attached diagram).

At this time Wexpro Company requests approval, if needed, to use "Flex Hose" between the BOP and Choke Manifold. The Flex Hose will have a minimum rating of 5,000 psi. Please see the attached specifications sheet for more details.

AUXILIARY EQUIPMENT:

a) Manually operated kelly cock
b) No floats at bit
c) Monitoring of mud system will be visual
d) Full opening floor valves in the full open position, capable of fitting all drill stem connections manually operated

3. CASING PROGRAM:

Size		Top	Bottom	Weight	Grade	Thread	Condition
Hole	Casing						
20"	16"	sfc	80'	STEEL PIPE CONDUCTOR			New
12-1/4"	9-5/8"	sfc	1500'	36	J55	LT&C	New
7-7/8"	4-1/2"	sfc	9,332' MD 9,555' TVD	13.5	P110	LT&C	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36 lb.	J55	LTC	2,020 psi	3,520 psi	453,000 lb.
4-1/2"	13.5 lb.	P110	LTC	10,670 psi	12,410 psi	338,000 lb.

Area Fracture Gradient: 0.750 psi/foot

The variance to Onshore #2 is requested because surface casing depth for this well is 1500' and high pressure is not expected.

A properly lubricated and maintained rotating head: A diverter bowl will be utilized in place of a rotating head. The diverter bowl will force the air and cutting returns to the reserve pit as it is used to drill the surface casing.

Blooie line discharge will be 100 feet from the well bore and securely anchored: The blooie line discharge for this operation will be located 50 to 70 feet from the wellhead.

Automatic ignitor or continuous pilot light on the blooie line: A diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for the pilot light and the need for dust suppression equipment.

Compressor located in the direction from the blooie line is a minimum of 100' from the well bore: Truck mounted air compressors will be located within 50 feet on the opposite side of the wellhead from the blooie line and equipped with a (1) emergency kill switch on the driller's console, (2) pressure relief valve on the compressor and (3) spark arrestors on the motors.

CEMENTING PROGRAMS: (See Attached Details)

9-5/8" Surface Casing: **Lead Slurry:** 585 cubic feet Poz "G" with 2% $CaCl_2$ and 1/4% cello flake (only if lost circulation is encountered).

Tail Slurry: 395 cubic feet Poz "G" with 2% $CaCl_2$ and 1/4% cello flake (only if lost circulation is encountered).

4-1/2" Production Casing:

Lead Slurry: 1265 cubic feet Light 50/50 Poz/G with retarder, reducer and fluid loss additive. Volume to be calculated from logs to bring cement from 4,200 ft to surface with 15% excess.
Tail Slurry: 1406 cubic feet 35/65 Poz-G with retarder, reducer and fluid loss additive. Volume to be calculated from caliper logs to bring tail cement from TD to 4,200' with 15% excess.

4. MUD PROGRAM:

1) Surface hole will be drilled to 1500', mud drilled and cased with an Air Drilling rig.
2) Surface casing will be drilled out 10 feet and formation tested to 10.0 ppg mud equivalent.
3) Fresh water with gel and polymer sweeps as necessary. A mud weight of 9.5 - 10.0 ppg to be accomplished by 5,000 feet to total depth, if needed.

Mud weight	9.0 - 10.0 ppg
Viscosity	35 - 45 cp
PH	10
Water Loss	<7
Type	Fresh water and dispersed mud
Asphalt	6#/bbl

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at the wellsite.

No chrome constituent additives will be used in the mud system on Federal, State and Indian lands without prior BLM/State approval to ensure adequate protection of fresh water aquifers.

5.

DIL-SFL:	Total depth to surface casing.
MICRO-LOG:	Total depth to surface casing.
FDC-CNL-GR-Cal:	Total depth to surface casing.

TESTING: None.

CORING: None.

6. ABNORMAL PRESSURE AND TEMPERATURE: A BHT of 195^0 F and a BHP of 3500 psi are possible.

7. ANTICIPATED STARTING DATE: September 1, 2011

DURATION OF OPERATION: 20 days

CARL ALLEN WELL NO. 37 : CEMENT CALCULATIONS

SURFACE CASING:

CASING:	9.625 " 36#, K-55	0.4340 cu.ft./lin.ft	ID= 8.921
ANNULUS:	12.250 " x 9.625" Gauge Hole	0.3131 cu.ft./lin.ft	
CONDUCTOR	16.000 " STEEL PIPE	0.8908	
EXCESS:		100%	
CEMENT YIELD:	LEAD	2.65 cu.ft/sack 11.5 PPG	
	TAIL	1.26 cu.ft/sack 15.2 PPG	
CONDUCTOR DEPTH		80	
TOTAL DEPTH		1,500 Feet	
TOP OF TAIL		900 Feet	
TOP OF LEAD		0 Feet (Surface)	

LEAD SLURRY

					CU.FT		
COND/CSG ANN	80	TO	0	0.8908	71.27		
ANN (OH)	900	TO	80	0.3131	256.77		
ANN EXCESS				100%	256.77		
					584.80	221 SACKS	584.8 CU.FT.

TAIL SLURRY

					CU.FT		
CSG SHOE (45')	1,500	TO	1,455	0.4340	19.53		
COND/CSG ANN	-	TO	-	0.8908	0.00		
ANN (OH)	1,500	TO	900	0.3131	187.88		
ANN EXCESS				100%	187.88		
					395.28	314 SACKS	395 CU.FT.
					DISPLACEMENT	112.5 BBLS	

PRODUCTION CASING:

CASING:	4.500 ", 13.5#, P-110	0.0838 cu.ft./lin.ft	ID= 3.92
ANNULUS:	7.875 "(For Gauge Hole)	0.2278 cu.ft./lin.ft	
	8.921 " ID x 4-1/2" CASING ANNULUS	0.3236 cu.ft./lin.ft	
EXCESS:		15%	
CEMENT YIELD:	LEAD	2.63 cu.ft/sack 11.5 PPG	
	TAIL	1.49 cu.ft/sack 14.2 PPG	
TOTAL DEPTH		9,555 Feet	
TOP OF TAIL		4,200 Feet	
TOP OF LEAD	OPEN HOLE TOP	1,500 Feet	
	CASED HOLE TOP	SURFACE Feet	

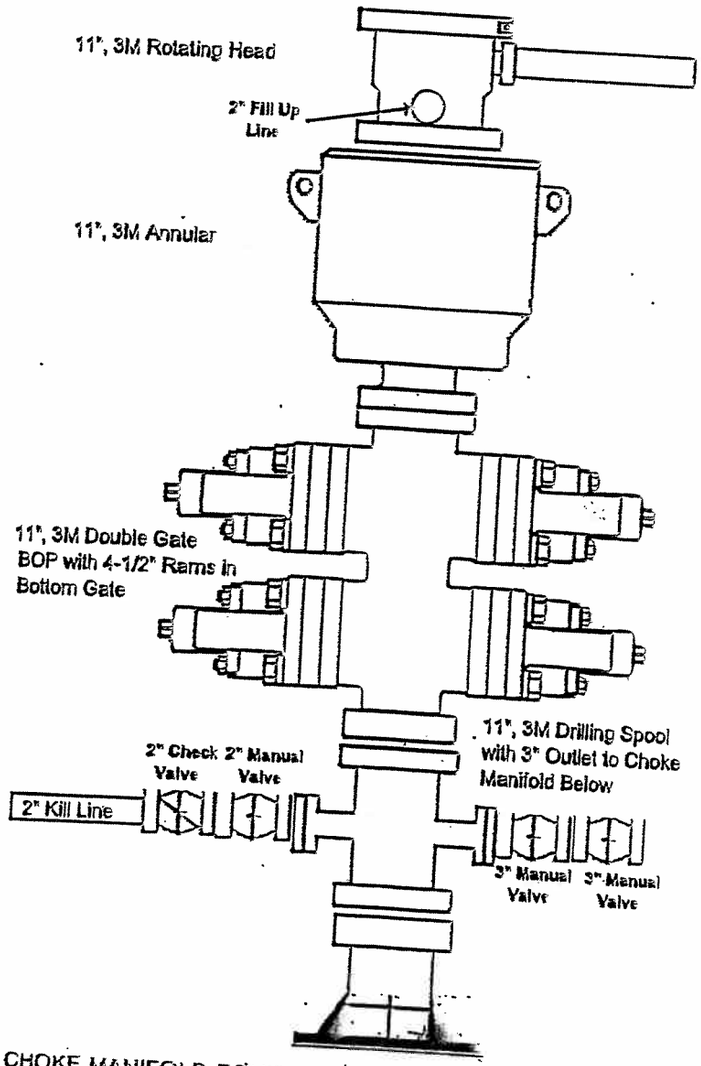
LEAD SLURRY

					CU.FT		
ANN	4,200	TO	1,500	0.2278	614.93		7-7/8"" (For Gauge hole)
	1,500	TO	0	0.3236	485.34		9-5/8" X 4-1/2" Casing Annulus
ANN EXCESS				15%	165.04		
					1265.31	481 SACKS	1265 CU.FT.

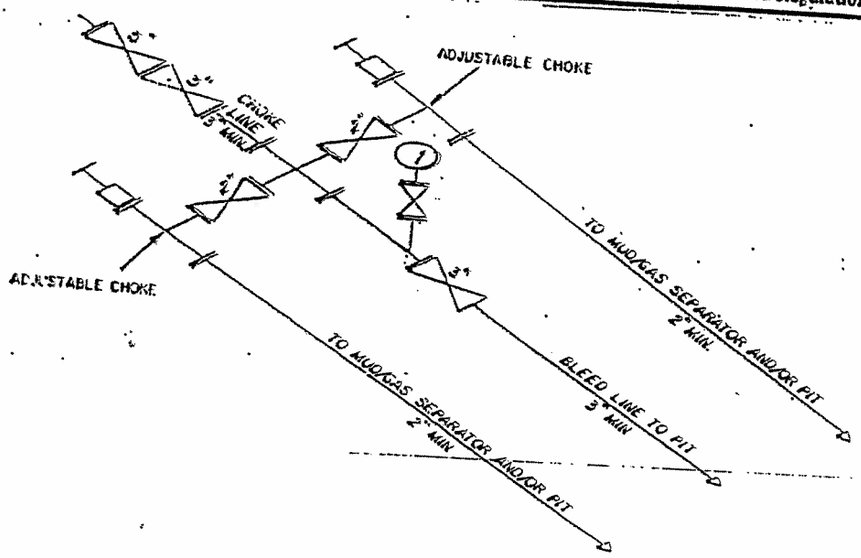
TAIL SLURRY

					CU.FT		
CSG	9,555	TO	9,510	0.0838	3.77		
ANN	9,555	TO	4,200	0.2278	1219.62		
ANN EXCESS				15%	182.94		
					1406.33	944 SACKS	1406 CU.FT.
					DISPLACEMENT	141.9 BBLS	

3,000 psi BOP
Minimum Requirements



3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY



Construction

Tube: Black, oil and abrasion resistant HNBR for H_2S service.

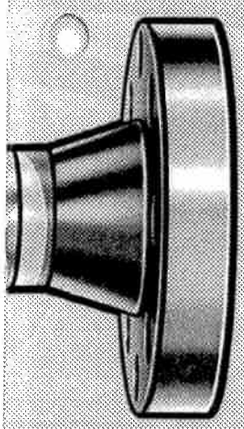
Reinforcement: Multiple plies of bias laid textile cord for extra strength and flexibility. Spirally wound, high tensile, multiple strand cables to provide unsurpassed ruggedness and reliability to withstand sudden high pressure.

Cover: Special flame resistant red Neoprene (CR) with optional stainless steel armor.

Fittings: Integral connection flanged or hubbed.

Temperature: -40°F to 212°F.

Branding: NRP Choke & Kill Hose. MADE IN USA.

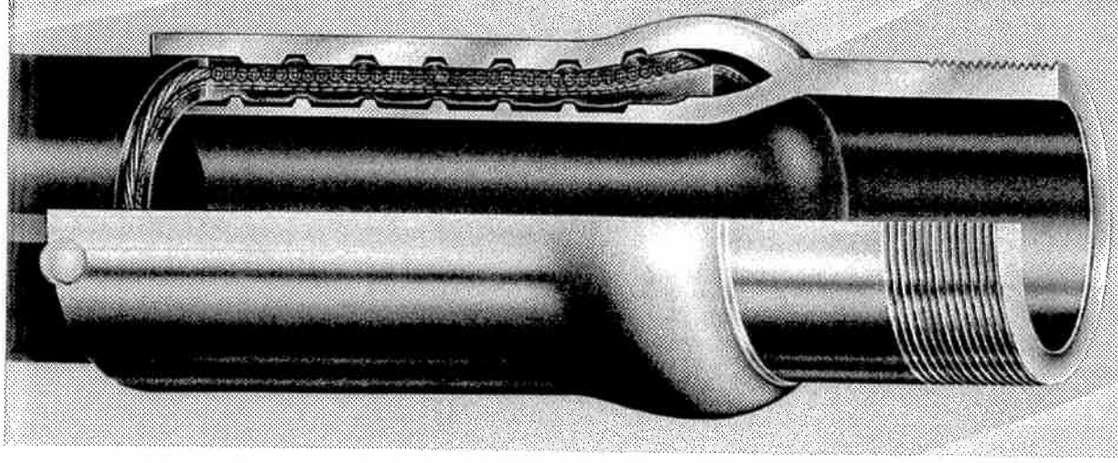


Specifications

NRP Part Number	Hose ID (in)	Hose OD (in)	Rated WP (psi)	Test Pressure (psi)	Minimum Bend Radius	Weight per Foot (lbs)
5035-32	2.00	4.45	5,000	10,000	44	12.9
5035-40	2.50	4.60	5,000	10,000	48	13.9
5035-48	3.00	5.10	5,000	10,000	52	16.1
5040-32	2.00	4.68	10,000	15,000	48	22.4
5040-40	2.50	5.34	10,000	15,000	52	27.4
5040-48	3.00	5.84	10,000	15,000	56	28.8

Specifications

NRP Rotary Number	NRP Vibrator Number	Hose ID (in)	Hose OD (in)	Grade	Rated WP (psi)	Test Pressure (psi)	Minimum Bend Radius	Weight per Foot (lbs)	Weight of 2 Cplgs (lbs)	Cplg Thread API (in)
5501-40	5502-40	2.50	4.45	C	4,000	8,000	36	12.9	54	3
5501-48	5502-48	3.00	4.95	C	4,000	8,000	48	14.9	74	4
5501-56	5502-56	3.50	5.45	C	4,000	8,000	54	16.6	94	4
5603-40	5604-40	2.50	4.60	D	5,000	10,000	36	13.6	54	3
5603-48	5604-48	3.00	5.10	D	5,000	10,000	48	15.5	74	4
5603-56	5604-56	3.50	5.75	D	5,000	10,000	54	18.6	94	4



WEXPRO COMPANY

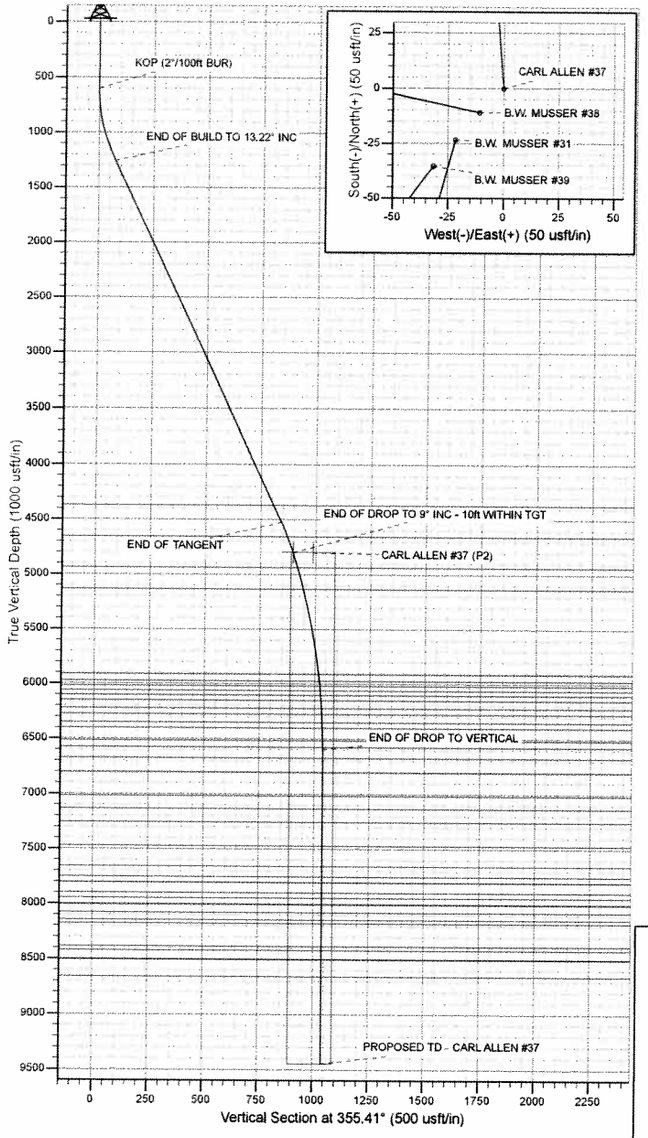
COLORADO (MOFFAT COUNTY)
SEC. 4 TWP 11N RGE. 97W 6th P.M.
CARL ALLEN #37

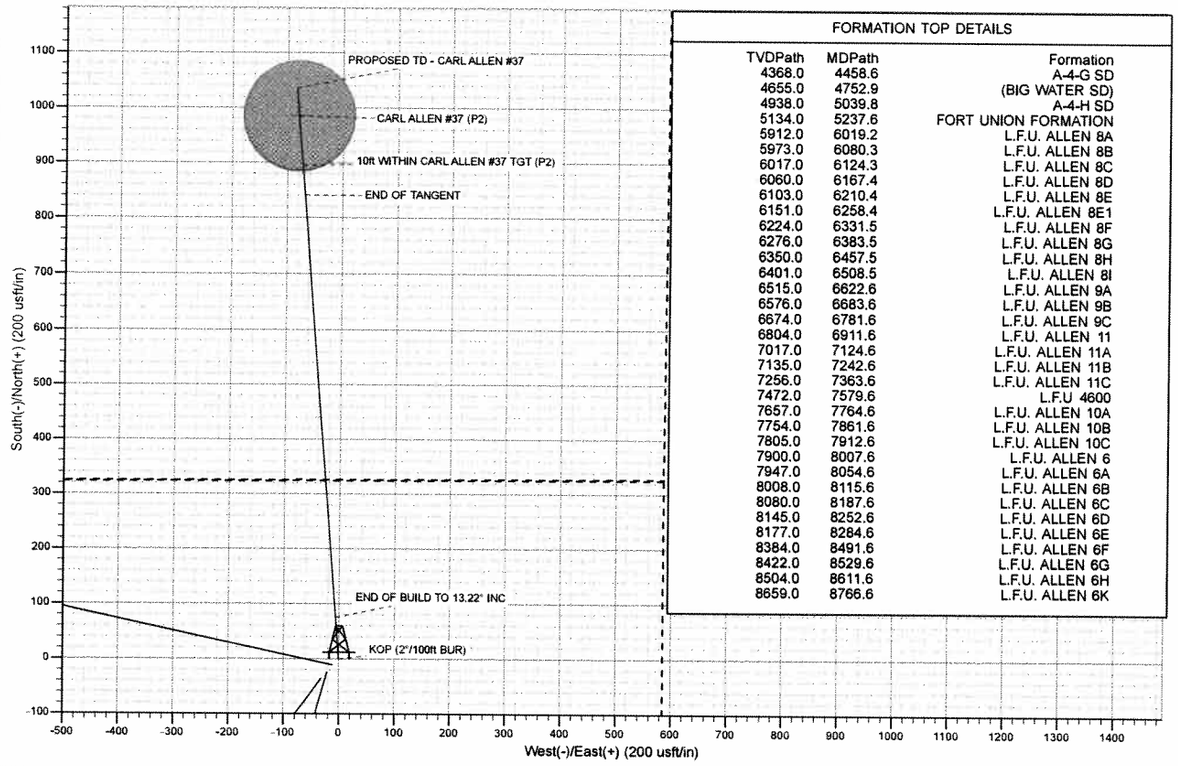
ORIGINAL WELLBORE

21 June, 2011

Plan: PROPOSAL #2

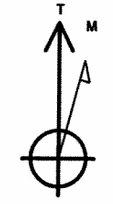
Project: COLORADO (MOFFAT COUNTY)
Site: SEC. 4 TWP 11N RGE. 97W 6th P.M.
Well: CARL ALLEN #37
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #2





FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4368.0	4458.6	A-4-G SD
4655.0	4752.9	(BIG WATER SD)
4938.0	5039.8	A-4-H SD
5134.0	5237.6	FORT UNION FORMATION
5912.0	6019.2	L.F.U. ALLEN 8A
5973.0	6080.3	L.F.U. ALLEN 8B
6017.0	6124.3	L.F.U. ALLEN 8C
6060.0	6167.4	L.F.U. ALLEN 8D
6103.0	6210.4	L.F.U. ALLEN 8E
6151.0	6258.4	L.F.U. ALLEN 8E1
6224.0	6331.5	L.F.U. ALLEN 8F
6276.0	6383.5	L.F.U. ALLEN 8G
6350.0	6457.5	L.F.U. ALLEN 8H
6401.0	6508.5	L.F.U. ALLEN 8I
6515.0	6622.6	L.F.U. ALLEN 9A
6576.0	6683.6	L.F.U. ALLEN 9B
6674.0	6781.6	L.F.U. ALLEN 9C
6804.0	6911.6	L.F.U. ALLEN 11
7017.0	7124.6	L.F.U. ALLEN 11A
7135.0	7242.6	L.F.U. ALLEN 11B
7256.0	7363.6	L.F.U. ALLEN 11C
7472.0	7579.6	L.F.U 4600
7657.0	7764.6	L.F.U. ALLEN 10A
7754.0	7861.6	L.F.U. ALLEN 10B
7805.0	7912.6	L.F.U. ALLEN 10C
7900.0	8007.6	L.F.U. ALLEN 6
7947.0	8054.6	L.F.U. ALLEN 6A
8008.0	8115.6	L.F.U. ALLEN 6B
8080.0	8187.6	L.F.U. ALLEN 6C
8145.0	8252.6	L.F.U. ALLEN 6D
8177.0	8284.6	L.F.U. ALLEN 6E
8384.0	8491.6	L.F.U. ALLEN 6F
8422.0	8529.6	L.F.U. ALLEN 6G
8504.0	8611.6	L.F.U. ALLEN 6H
8659.0	8766.6	L.F.U. ALLEN 6K



Azimuths to True North
Magnetic North: 10.75°

Magnetic Field
Strength: 53037.9snT
Dip Angle: 66.89°
Date: 11/12/2010
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Annotation
600.0	600.0	0.00	0.00	0.0	0.0	0.0	KOP (2°/100ft BUR)
1255.1	1261.0	13.22	355.41	75.7	-6.1	75.9	END OF BUILD TO 13.22° INC
4524.0	4618.9	13.22	355.41	841.1	-67.5	843.8	END OF TANGENT
4800.0	4900.2	9.00	355.41	895.1	-71.9	898.0	EOD TO 9° INC - 10ft WITHIN TGT
6592.6	6700.2	0.00	0.00	1035.7	-83.2	1039.1	END OF DROP TO VERTICAL
9447.0	9554.6	0.00	0.00	1035.7	-83.2	1039.1	PROPOSED TD - CARL ALLEN #37

Planning Report

Database:	EDM_5000_1_7	**Local Co-ordinate Reference:**	Well CARL ALLEN #37
Company:	WEXPRO COMPANY	**TVD Reference:**	KB @ 6604.0usft
Project:	COLORADO (MOFFAT COUNTY)	**MD Reference:**	KB @ 6604.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	**North Reference:**	True
Well:	CARL ALLEN #37	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

Project COLORADO (MOFFAT COUNTY)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site SEC. 4 TWP 11N RGE. 97W 6th P.M.

Site Position:		**Northing:**	1,600,528.61 usft	**Latitude:**	40° 56' 54.791 N
From:	Lat/Long	**Easting:**	2,229,601.25 usft	**Longitude:**	108° 17' 21.001 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	-1.80 °

Well CARL ALLEN #37

Well Position	**+N/-S**	39.3 usft	**Northing:**	1,600,567.86 usft	**Latitude:**	40° 56' 55.179 N
	+E/-W	2.5 usft	**Easting:**	2,229,604.97 usft	**Longitude:**	108° 17' 20.969 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	0.0 usft

Wellbore ORIGINAL WELLBORE

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/12/2010	10.75	66.89	53,038

Design PROPOSAL #2

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	355.41

Plan Sections

MD (usft)	Inc (°)	Azi (°)	Vertical Depth	SS (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft	Build Rate (°/100usft	Turn Rate (°/100usft	TFO (°)	Target
0.0	0.00	0.00	0.0	-6,604.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	-6,004.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,261.0	13.22	355.41	1,255.1	-5,348.9	75.7	-6.1	2.00	2.00	0.00	355.41	
4,618.9	13.22	355.41	4,524.0	-2,080.0	841.1	-67.5	0.00	0.00	0.00	0.00	
4,900.2	9.00	355.41	4,800.0	-1,804.0	895.1	-71.9	1.50	-1.50	0.00	180.00	10ft WITHIN CARL
6,700.2	0.00	0.00	6,592.6	-11.4	1,035.7	-83.2	0.50	-0.50	0.00	180.00	
9,554.6	0.00	0.00	9,447.0	2,843.0	1,035.7	-83.2	0.00	0.00	0.00	0.00	

Database:	EDM_5000_1_7	**Local Co-ordinate Reference:**	Well CARL ALLEN #37
Company:	WEXPRO COMPANY	**TVD Reference:**	KB @ 6604.0usft
Project:	COLORADO (MOFFAT COUNTY)	**MD Reference:**	KB @ 6604.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	**North Reference:**	True
Well:	CARL ALLEN #37	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	6,604.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	6,504.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	6,404.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	6,304.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	6,204.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	6,104.00	0.0	0.0	0.0	0.00	0.00	0.00
KOP (2°/100ft BUR)										
600.0	***0.00***	***0.00***	***600.0***	***6,004.00***	***0.0***	***0.0***	***0.0***	***0.00***	***0.00***	***0.00***
700.0	2.00	355.41	700.0	5,904.02	1.7	-0.1	1.7	2.00	2.00	0.00
800.0	4.00	355.41	799.8	5,804.16	7.0	-0.6	7.0	2.00	2.00	0.00
900.0	6.00	355.41	899.5	5,704.55	15.6	-1.3	15.7	2.00	2.00	0.00
1,000.0	8.00	355.41	998.7	5,605.30	27.8	-2.2	27.9	2.00	2.00	0.00
1,100.0	10.00	355.41	1,097.5	5,506.53	43.4	-3.5	43.5	2.00	2.00	0.00
1,200.0	12.00	355.41	1,195.6	5,408.38	62.4	-5.0	62.6	2.00	2.00	0.00
END OF BUILD TO 13.22° INC										
1,261.0	***13.22***	***355.41***	***1,255.1***	***5,348.87***	***75.7***	***-6.1***	***75.9***	***2.00***	***2.00***	***0.00***
1,300.0	13.22	355.41	1,293.1	5,310.88	84.6	-6.8	84.8	0.00	0.00	0.00
1,400.0	13.22	355.41	1,390.5	5,213.53	107.4	-8.6	107.7	0.00	0.00	0.00
1,500.0	13.22	355.41	1,487.8	5,116.18	130.2	-10.4	130.6	0.00	0.00	0.00
1,600.0	13.22	355.41	1,585.2	5,018.83	153.0	-12.3	153.4	0.00	0.00	0.00
1,700.0	13.22	355.41	1,682.5	4,921.48	175.7	-14.1	176.3	0.00	0.00	0.00
1,800.0	13.22	355.41	1,779.9	4,824.13	198.5	-15.9	199.2	0.00	0.00	0.00
1,900.0	13.22	355.41	1,877.2	4,726.78	221.3	-17.8	222.0	0.00	0.00	0.00
2,000.0	13.22	355.41	1,974.6	4,629.43	244.1	-19.6	244.9	0.00	0.00	0.00
2,100.0	13.22	355.41	2,071.9	4,532.08	266.9	-21.4	267.8	0.00	0.00	0.00
2,200.0	13.22	355.41	2,169.3	4,434.73	289.7	-23.3	290.7	0.00	0.00	0.00
2,300.0	13.22	355.41	2,266.6	4,337.38	312.5	-25.1	313.5	0.00	0.00	0.00
2,400.0	13.22	355.41	2,364.0	4,240.03	335.3	-26.9	336.4	0.00	0.00	0.00
2,500.0	13.22	355.41	2,461.3	4,142.68	358.1	-28.7	359.3	0.00	0.00	0.00
2,600.0	13.22	355.41	2,558.7	4,045.33	380.9	-30.6	382.1	0.00	0.00	0.00
2,700.0	13.22	355.41	2,656.0	3,947.98	403.7	-32.4	405.0	0.00	0.00	0.00
2,800.0	13.22	355.41	2,753.4	3,850.63	426.5	-34.2	427.9	0.00	0.00	0.00
2,900.0	13.22	355.41	2,850.7	3,753.28	449.3	-36.1	450.7	0.00	0.00	0.00
3,000.0	13.22	355.41	2,948.1	3,655.93	472.1	-37.9	473.6	0.00	0.00	0.00
3,100.0	13.22	355.41	3,045.4	3,558.58	494.9	-39.7	496.5	0.00	0.00	0.00
3,200.0	13.22	355.41	3,142.8	3,461.23	517.7	-41.6	519.3	0.00	0.00	0.00
3,300.0	13.22	355.41	3,240.1	3,363.88	540.5	-43.4	542.2	0.00	0.00	0.00
3,400.0	13.22	355.41	3,337.5	3,266.53	563.3	-45.2	565.1	0.00	0.00	0.00
3,500.0	13.22	355.41	3,434.8	3,169.18	586.1	-47.1	587.9	0.00	0.00	0.00
3,600.0	13.22	355.41	3,532.2	3,071.83	608.9	-48.9	610.8	0.00	0.00	0.00
3,700.0	13.22	355.41	3,629.5	2,974.48	631.6	-50.7	633.7	0.00	0.00	0.00
3,800.0	13.22	355.41	3,726.9	2,877.13	654.4	-52.5	656.5	0.00	0.00	0.00
3,900.0	13.22	355.41	3,824.2	2,779.78	677.2	-54.4	679.4	0.00	0.00	0.00
4,000.0	13.22	355.41	3,921.6	2,682.43	700.0	-56.2	702.3	0.00	0.00	0.00
4,100.0	13.22	355.41	4,018.9	2,585.08	722.8	-58.0	725.2	0.00	0.00	0.00
4,200.0	13.22	355.41	4,116.3	2,487.73	745.6	-59.9	748.0	0.00	0.00	0.00
4,300.0	13.22	355.41	4,213.6	2,390.38	768.4	-61.7	770.9	0.00	0.00	0.00
4,400.0	13.22	355.41	4,311.0	2,293.03	791.2	-63.5	793.8	0.00	0.00	0.00
A-4-G SD										
4,458.6	***13.22***	***355.41***	***4,368.0***	***2,236.00***	***804.6***	***-64.6***	***807.2***	***0.00***	***0.00***	***0.00***
4,500.0	13.22	355.41	4,408.3	2,195.68	814.0	-65.4	816.6	0.00	0.00	0.00
4,600.0	13.22	355.41	4,505.7	2,098.33	836.8	-67.2	839.5	0.00	0.00	0.00
END OF TANGENT										
4,618.9	***13.22***	***355.41***	***4,524.0***	***2,079.97***	***841.1***	***-67.5***	***843.8***	***0.00***	***0.00***	***0.00***

Database:	EDM_5000_1_7	**Local Co-ordinate Reference:**	Well CARL ALLEN #37
Company:	WEXPRO COMPANY	**TVD Reference:**	KB @ 6604.0usft
Project:	COLORADO (MOFFAT COUNTY)	**MD Reference:**	KB @ 6604.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	**North Reference:**	True
Well:	CARL ALLEN #37	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,700.0	12.00	355.41	4,603.2	2,000.79	858.8	-68.9	861.5	1.50	-1.50	0.00
(BIG WATER SD)										
4,752.9	***11.21***	***355.41***	***4,655.0***	***1,949.00***	***869.4***	***-69.8***	***872.2***	***1.50***	***-1.50***	***0.00***
4,800.0	10.50	355.41	4,701.3	1,902.71	878.2	-70.5	881.0	1.50	-1.50	0.00
4,900.0	9.00	355.41	4,799.8	1,804.16	895.1	-71.9	898.0	1.50	-1.50	0.00
END OF DROP TO 9° INC - 10ft WITHIN TGT										
4,900.2	***9.00***	***355.41***	***4,800.0***	***1,804.00***	***895.1***	***-71.9***	***898.0***	***1.50***	***-1.50***	***0.00***
5,000.0	8.50	355.41	4,898.7	1,705.33	910.3	-73.1	913.2	0.50	-0.50	0.00
A-4-H SD										
5,039.8	***8.30***	***355.41***	***4,938.0***	***1,666.00***	***916.0***	***-73.5***	***919.0***	***0.50***	***-0.50***	***0.00***
5,100.0	8.00	355.41	4,997.6	1,606.36	924.6	-74.2	927.5	0.50	-0.50	0.00
5,200.0	7.50	355.41	5,096.7	1,507.28	938.0	-75.3	941.0	0.50	-0.50	0.00
FORT UNION FORMATION										
5,237.6	***7.31***	***355.41***	***5,134.0***	***1,470.00***	***942.8***	***-75.7***	***945.9***	***0.50***	***-0.50***	***0.00***
5,300.0	7.00	355.41	5,195.9	1,408.08	950.6	-76.3	953.6	0.50	-0.50	0.00
5,400.0	6.50	355.41	5,295.2	1,308.77	962.3	-77.3	965.4	0.50	-0.50	0.00
5,500.0	6.00	355.41	5,394.6	1,209.36	973.2	-78.1	976.3	0.50	-0.50	0.00
5,600.0	5.50	355.41	5,494.1	1,109.87	983.1	-78.9	986.3	0.50	-0.50	0.00
5,700.0	5.00	355.41	5,593.7	1,010.29	992.3	-79.7	995.5	0.50	-0.50	0.00
5,800.0	4.50	355.41	5,693.4	910.63	1,000.5	-80.3	1,003.7	0.50	-0.50	0.00
5,900.0	4.00	355.41	5,793.1	810.91	1,007.9	-80.9	1,011.2	0.50	-0.50	0.00
6,000.0	3.50	355.41	5,892.9	711.12	1,014.4	-81.4	1,017.7	0.50	-0.50	0.00
L.F.U. ALLEN 8A										
6,019.2	***3.41***	***355.41***	***5,912.0***	***692.00***	***1,015.6***	***-81.5***	***1,018.9***	***0.50***	***-0.50***	***0.00***
L.F.U. ALLEN 8B										
6,080.3	***3.10***	***355.41***	***5,973.0***	***631.00***	***1,019.0***	***-81.8***	***1,022.3***	***0.50***	***-0.50***	***0.00***
6,100.0	3.00	355.41	5,992.7	611.28	1,020.1	-81.9	1,023.4	0.50	-0.50	0.00
L.F.U. ALLEN 8C										
6,124.3	***2.88***	***355.41***	***6,017.0***	***587.00***	***1,021.3***	***-82.0***	***1,024.6***	***0.50***	***-0.50***	***0.00***
L.F.U. ALLEN 8D										
6,167.4	***2.66***	***355.41***	***6,060.0***	***544.00***	***1,023.4***	***-82.2***	***1,026.7***	***0.50***	***-0.50***	***0.00***
6,200.0	2.50	355.41	6,092.6	511.40	1,024.9	-82.3	1,028.2	0.50	-0.50	0.00
L.F.U. ALLEN 8E										
6,210.4	***2.45***	***355.41***	***6,103.0***	***501.00***	***1,025.3***	***-82.3***	***1,028.6***	***0.50***	***-0.50***	***0.00***
L.F.U. ALLEN 8E1										
6,258.4	***2.21***	***355.41***	***6,151.0***	***453.00***	***1,027.3***	***-82.5***	***1,030.6***	***0.50***	***-0.50***	***0.00***
6,300.0	2.00	355.41	6,192.5	411.48	1,028.8	-82.6	1,032.1	0.50	-0.50	0.00
L.F.U. ALLEN 8F										
6,331.5	***1.84***	***355.41***	***6,224.0***	***380.00***	***1,029.8***	***-82.7***	***1,033.2***	***0.50***	***-0.50***	***0.00***
L.F.U. ALLEN 8G										
6,383.5	***1.58***	***355.41***	***6,276.0***	***328.00***	***1,031.4***	***-82.8***	***1,034.7***	***0.50***	***-0.50***	***0.00***
6,400.0	1.50	355.41	6,292.5	311.52	1,031.8	-82.8	1,035.2	0.50	-0.50	0.00
L.F.U. ALLEN 8H										
6,457.5	***1.21***	***355.41***	***6,350.0***	***254.00***	***1,033.2***	***-82.9***	***1,036.5***	***0.50***	***-0.50***	***0.00***
6,500.0	1.00	355.41	6,392.5	211.55	1,034.0	-83.0	1,037.3	0.50	-0.50	0.00
L.F.U. ALLEN 8I										
6,508.5	***0.96***	***355.41***	***6,401.0***	***203.00***	***1,034.2***	***-83.0***	***1,037.5***	***0.50***	***-0.50***	***0.00***
6,600.0	0.50	355.41	6,492.4	111.56	1,035.3	-83.1	1,038.6	0.50	-0.50	0.00
L.F.U. ALLEN 9A										
6,622.6	***0.39***	***355.41***	***6,515.0***	***89.00***	***1,035.5***	***-83.1***	***1,038.8***	***0.50***	***-0.50***	***0.00***
L.F.U. ALLEN 9B										
6,683.6	***0.08***	***355.41***	***6,576.0***	***28.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.50***	***-0.50***	***0.00***

Database:	EDM_5000_1_7	**Local Co-ordinate Reference:**	Well CARL ALLEN #37
Company:	WEXPRO COMPANY	**TVD Reference:**	KB @ 6604.0usft
Project:	COLORADO (MOFFAT COUNTY)	**MD Reference:**	KB @ 6604.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	**North Reference:**	True
Well:	CARL ALLEN #37	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,700.0	0.00	355.41	6,592.4	11.56	1,035.7	-83.2	1,039.1	0.50	-0.50	0.00
END OF DROP TO VERTICAL										
6,700.2	***0.00***	***0.00***	***6,592.6***	***11.39***	***1,035.7***	***-83.2***	***1,039.1***	***0.50***	***-0.50***	***0.00***
L.F.U. ALLEN 9C										
6,781.6	***0.00***	***0.00***	***6,674.0***	***-70.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
6,800.0	0.00	0.00	6,692.4	-88.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
6,900.0	0.00	0.00	6,792.4	-188.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 11										
6,911.6	***0.00***	***0.00***	***6,804.0***	***-200.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,000.0	0.00	0.00	6,892.4	-288.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
7,100.0	0.00	0.00	6,992.4	-388.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 11A										
7,124.6	***0.00***	***0.00***	***7,017.0***	***-413.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,200.0	0.00	0.00	7,092.4	-488.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 11B										
7,242.6	***0.00***	***0.00***	***7,135.0***	***-531.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,300.0	0.00	0.00	7,192.4	-588.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 11C										
7,363.6	***0.00***	***0.00***	***7,256.0***	***-652.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,400.0	0.00	0.00	7,292.4	-688.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
7,500.0	0.00	0.00	7,392.4	-788.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U 4600										
7,579.6	***0.00***	***0.00***	***7,472.0***	***-868.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,600.0	0.00	0.00	7,492.4	-888.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
7,700.0	0.00	0.00	7,592.4	-988.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 10A										
7,764.6	***0.00***	***0.00***	***7,657.0***	***-1,053.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,800.0	0.00	0.00	7,692.4	-1,088.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 10B										
7,861.6	***0.00***	***0.00***	***7,754.0***	***-1,150.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
7,900.0	0.00	0.00	7,792.4	-1,188.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 10C										
7,912.6	***0.00***	***0.00***	***7,805.0***	***-1,201.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,000.0	0.00	0.00	7,892.4	-1,288.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6										
8,007.6	***0.00***	***0.00***	***7,900.0***	***-1,296.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
L.F.U. ALLEN 6A										
8,054.6	***0.00***	***0.00***	***7,947.0***	***-1,343.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,100.0	0.00	0.00	7,992.4	-1,388.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6B										
8,115.6	***0.00***	***0.00***	***8,008.0***	***-1,404.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
L.F.U. ALLEN 6C										
8,187.6	***0.00***	***0.00***	***8,080.0***	***-1,476.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,200.0	0.00	0.00	8,092.4	-1,488.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6D										
8,252.6	***0.00***	***0.00***	***8,145.0***	***-1,541.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
L.F.U. ALLEN 6E										
8,284.6	***0.00***	***0.00***	***8,177.0***	***-1,573.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,300.0	0.00	0.00	8,192.4	-1,588.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
8,400.0	0.00	0.00	8,292.4	-1,688.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6F										
8,491.6	***0.00***	***0.00***	***8,384.0***	***-1,780.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***

Database:	EDM_5000_1_7	**Local Co-ordinate Reference:**	Well CARL ALLEN #37
Company:	WEXPRO COMPANY	**TVD Reference:**	KB @ 6604.0usft
Project:	COLORADO (MOFFAT COUNTY)	**MD Reference:**	KB @ 6604.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	**North Reference:**	True
Well:	CARL ALLEN #37	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,500.0	0.00	0.00	8,392.4	-1,788.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6G										
8,529.6	***0.00***	***0.00***	***8,422.0***	***-1,818.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,600.0	0.00	0.00	8,492.4	-1,888.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6H										
8,611.6	***0.00***	***0.00***	***8,504.0***	***-1,900.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,700.0	0.00	0.00	8,592.4	-1,988.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
L.F.U. ALLEN 6K										
8,766.6	***0.00***	***0.00***	***8,659.0***	***-2,055.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***
8,800.0	0.00	0.00	8,692.4	-2,088.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
8,900.0	0.00	0.00	8,792.4	-2,188.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
9,000.0	0.00	0.00	8,892.4	-2,288.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
9,100.0	0.00	0.00	8,992.4	-2,388.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
9,200.0	0.00	0.00	9,092.4	-2,488.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
9,300.0	0.00	0.00	9,192.4	-2,588.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
9,400.0	0.00	0.00	9,292.4	-2,688.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
9,500.0	0.00	0.00	9,392.4	-2,788.44	1,035.7	-83.2	1,039.1	0.00	0.00	0.00
PROPOSED TD - CARL ALLEN #37										
9,554.6	***0.00***	***0.00***	***9,447.0***	***-2,843.00***	***1,035.7***	***-83.2***	***1,039.1***	***0.00***	***0.00***	***0.00***

Database:	EDM_5000_1_7	**Local Co-ordinate Reference:**	Well CARL ALLEN #37
Company:	WEXPRO COMPANY	**TVD Reference:**	KB @ 6604.0usft
Project:	COLORADO (MOFFAT COUNTY)	**MD Reference:**	KB @ 6604.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	**North Reference:**	True
Well:	CARL ALLEN #37	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

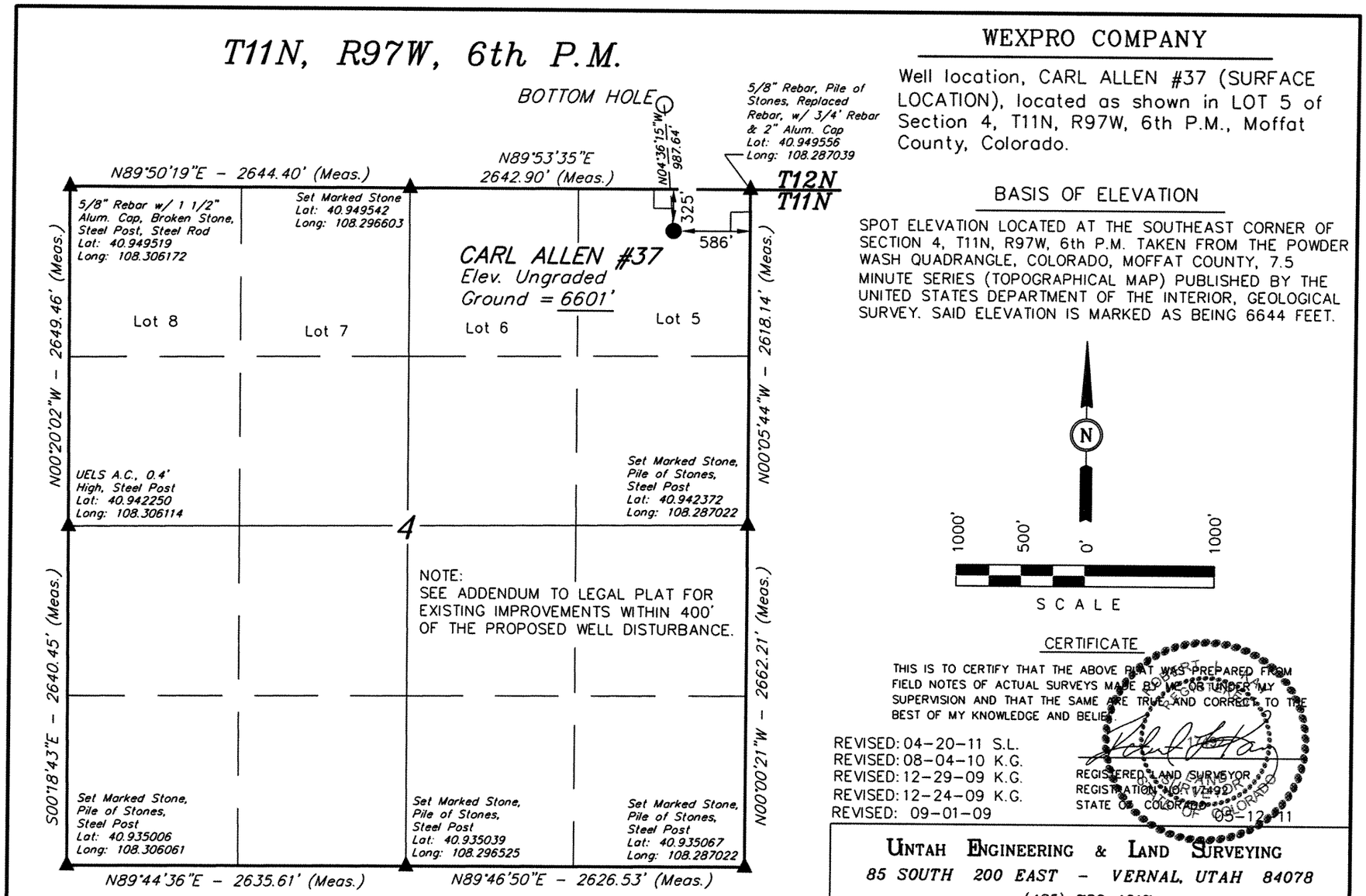
Formations

MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,458.6	4,368.0	A-4-G SD			
4,752.9	4,655.0	(BIG WATER SD)			
5,039.8	4,938.0	A-4-H SD			
5,237.6	5,134.0	FORT UNION FORMATION			
6,019.2	5,912.0	L.F.U. ALLEN 8A			
6,080.3	5,973.0	L.F.U. ALLEN 8B			
6,124.3	6,017.0	L.F.U. ALLEN 8C			
6,167.4	6,060.0	L.F.U. ALLEN 8D			
6,210.4	6,103.0	L.F.U. ALLEN 8E			
6,258.4	6,151.0	L.F.U. ALLEN 8E1			
6,331.5	6,224.0	L.F.U. ALLEN 8F			
6,383.5	6,276.0	L.F.U. ALLEN 8G			
6,457.5	6,350.0	L.F.U. ALLEN 8H			
6,508.5	6,401.0	L.F.U. ALLEN 8I			
6,622.6	6,515.0	L.F.U. ALLEN 9A			
6,683.6	6,576.0	L.F.U. ALLEN 9B			
6,781.6	6,674.0	L.F.U. ALLEN 9C			
6,911.6	6,804.0	L.F.U. ALLEN 11			
7,124.6	7,017.0	L.F.U. ALLEN 11A			
7,242.6	7,135.0	L.F.U. ALLEN 11B			
7,363.6	7,256.0	L.F.U. ALLEN 11C			
7,579.6	7,472.0	L.F.U 4600			
7,764.6	7,657.0	L.F.U. ALLEN 10A			
7,861.6	7,754.0	L.F.U. ALLEN 10B			
7,912.6	7,805.0	L.F.U. ALLEN 10C			
8,007.6	7,900.0	L.F.U. ALLEN 6			
8,054.6	7,947.0	L.F.U. ALLEN 6A			
8,115.6	8,008.0	L.F.U. ALLEN 6B			
8,187.6	8,080.0	L.F.U. ALLEN 6C			
8,252.6	8,145.0	L.F.U. ALLEN 6D			
8,284.6	8,177.0	L.F.U. ALLEN 6E			
8,491.6	8,384.0	L.F.U. ALLEN 6F			
8,529.6	8,422.0	L.F.U. ALLEN 6G			
8,611.6	8,504.0	L.F.U. ALLEN 6H			
8,766.6	8,659.0	L.F.U. ALLEN 6K			

Plan Annotations

MD (usft)	TVD (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
600.0	600.0	0.0	0.0	KOP (2°/100ft BUR)
1,261.0	1,255.1	75.7	-6.1	END OF BUILD TO 13.22° INC
4,618.9	4,524.0	841.1	-67.5	END OF TANGENT
4,900.2	4,800.0	895.1	-71.9	END OF DROP TO 9° INC - 10ft WITHIN TGT
6,700.2	6,592.6	1,035.7	-83.2	END OF DROP TO VERTICAL
9,554.6	9,447.0	1,035.7	-83.2	PROPOSED TD - CARL ALLEN #37

T11N, R97W, 6th P.M.



WEXPRO COMPANY

Well location, CARL ALLEN #37 (SURFACE LOCATION), located as shown in LOT 5 of Section 4, T11N, R97W, 6th P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 4, T11N, R97W, 6th P.M. TAKEN FROM THE POWDER WASH QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6644 FEET.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 04-20-11 S.L.
REVISED: 08-04-10 K.G.
REVISED: 12-29-09 K.G.
REVISED: 12-24-09 K.G.
REVISED: 09-01-09

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

05-12-11

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

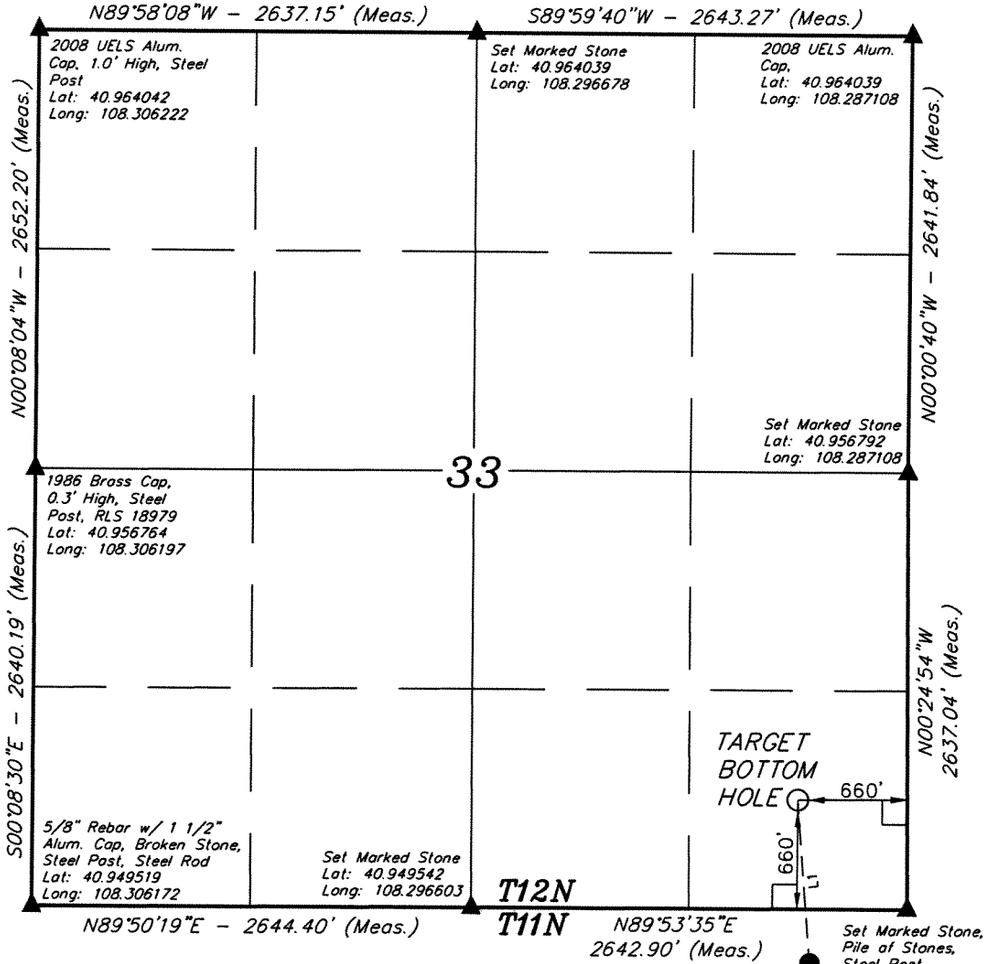
PDOP = 1.2

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°56'55.18" (40.948661)
LONGITUDE = 108°17'20.97" (108.289158)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°56'55.31" (40.948697)
LONGITUDE = 108°17'18.63" (108.288508)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-15-08	05-26-09
PARTY: T.A. C.D. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: WEXPRO COMPANY	

T12N, R97W, 6th P.M.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N04°36'15"W	987.64'

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

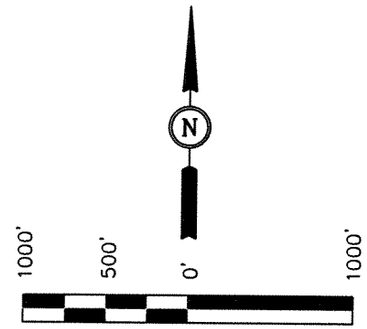
NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°57'04.91" (40.951364)
LONGITUDE = 108°17'22.00" (108.289444)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°57'05.04" (40.951400)
LONGITUDE = 108°17'19.66" (108.288794)

WEXPRO COMPANY

Well location, CARL ALLEN #37 (TARGET BOTTOM HOLE), located as shown in SE 1/4 SE 1/4 of Section 33, T12N, R97W, 6th P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 4, T11N, R97W, 6th P.M. TAKEN FROM THE POWDER WASH QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6644 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17922
STATE OF COLORADO

05-12-11

REVISED: 04-20-11 S.L.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-15-08	08-04-10
PARTY: T.A. C.D. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: WEXPRO COMPANY	

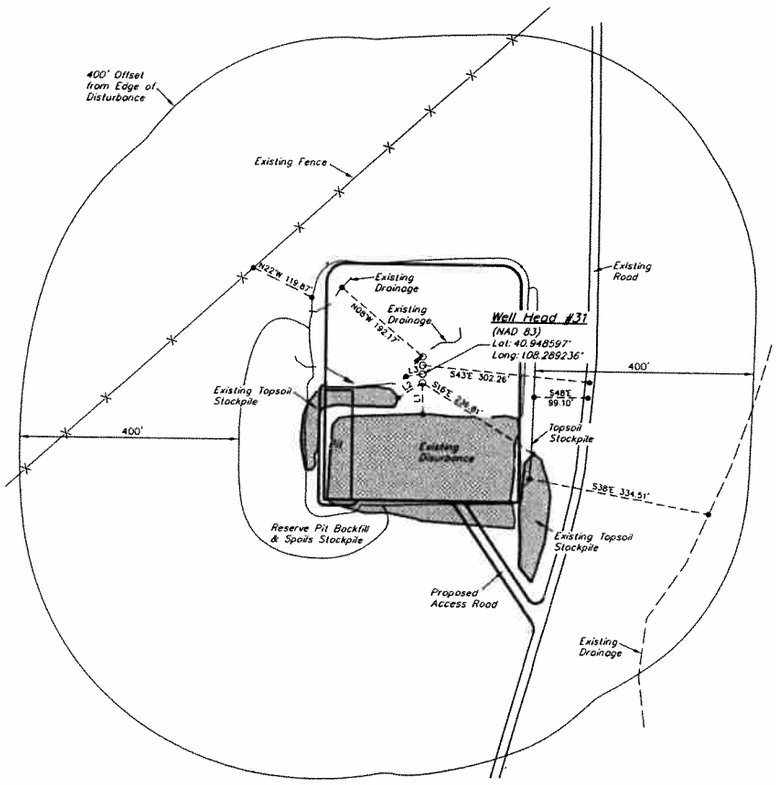
WEXPRO COMPANY

ADDENDUM TO LEGAL PLAT FOR

B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
LOT 5

SCALE: 1" = 200'
DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.

ROBERT L. KAY
REGISTERED
LAND SURVEYOR
STATE OF COLORADO
05-12-09



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S40°39'11"W	57.25'
L2	N81°02'54"W	51.15'
L3	N56°58'43"W	29.60'

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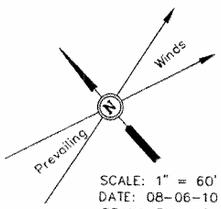
CONSTRUCTION LAYOUT FOR

B.W. MUSSER #31, #38, #39 & CARL ALLEN #37

SECTION 4, T11N, R97W, 6th P.M.

LOT 5

FIGURE #1



SCALE: 1" = 60'
DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.
REVISED: 06-13-11 S.L.

Elev. Ungraded Ground At #39 Loc. Stake = 6602.5'

FINISHED GRADE ELEV. AT #39 LOC. STAKE = 6599.4'

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WEXPRO COMPANY

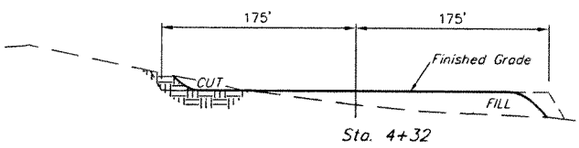
CONSTRUCTION LAYOUT CROSS SECTION FOR
B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
LOT 5

FIGURE #2

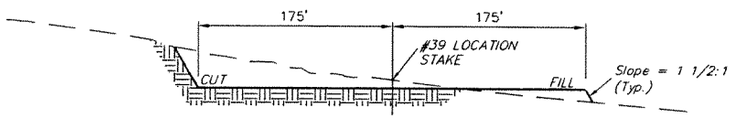
1" = 40' X-Section Scale
1" = 100'

DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.

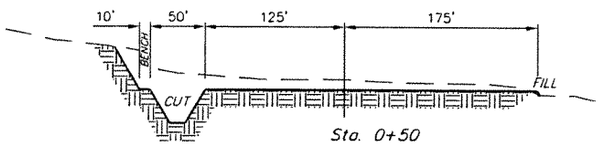
ROBERT L. KAY
REGISTERED
LAND SURVEYOR
STATE OF COLORADO
05-12



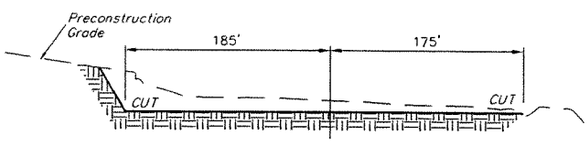
Sta. 4+32



Sta. 2+16



Sta. 0+50



Sta. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	= 2,210 Cu. Yds.	EXCESS MATERIAL	= 22,280 Cu. Yds.
Remaining Location	= 27,560 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,530 Cu. Yds.
TOTAL CUT	= 29,770 CU.YDS.	EXCESS UNBALANCE (After Interim Rehabilitation)	= 18,750 Cu. Yds.
FILL	= 7,490 CU.YDS.		

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 6.069 ACRES
ACCESS ROAD DISTURBANCE = ± 0.087 ACRES
PIPELINE DISTURBANCE = ± 0.873 ACRES
TOTAL = ± 7.029 ACRES

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WEXPRO COMPANY

TYPICAL RIG LAYOUT FOR

B.W. MUSSER #31, #38, #39 & CARL ALLEN #37

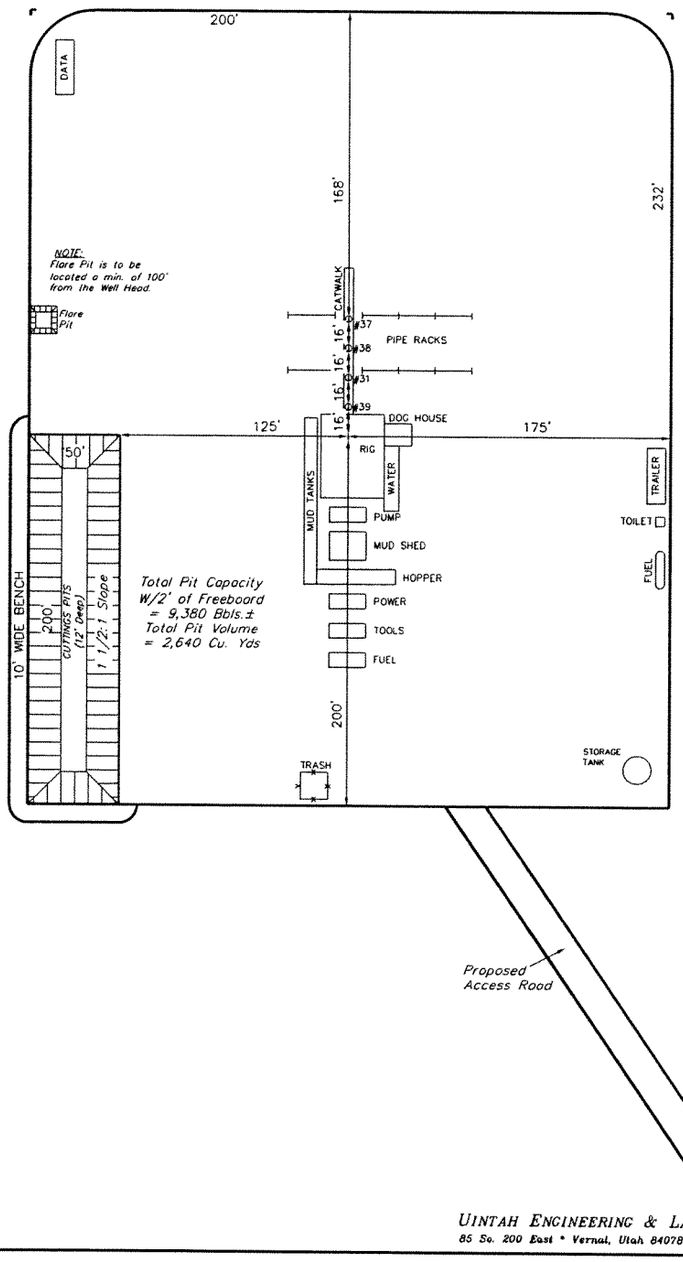
SECTION 4, T11N, R97W, 6th P.M.

LOT 5

FIGURE #3

SCALE: 1" = 60'
DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.

ROBERT L. KAY
REGISTERED
LAND SURVEYOR
STATE OF COLORADO
05-12



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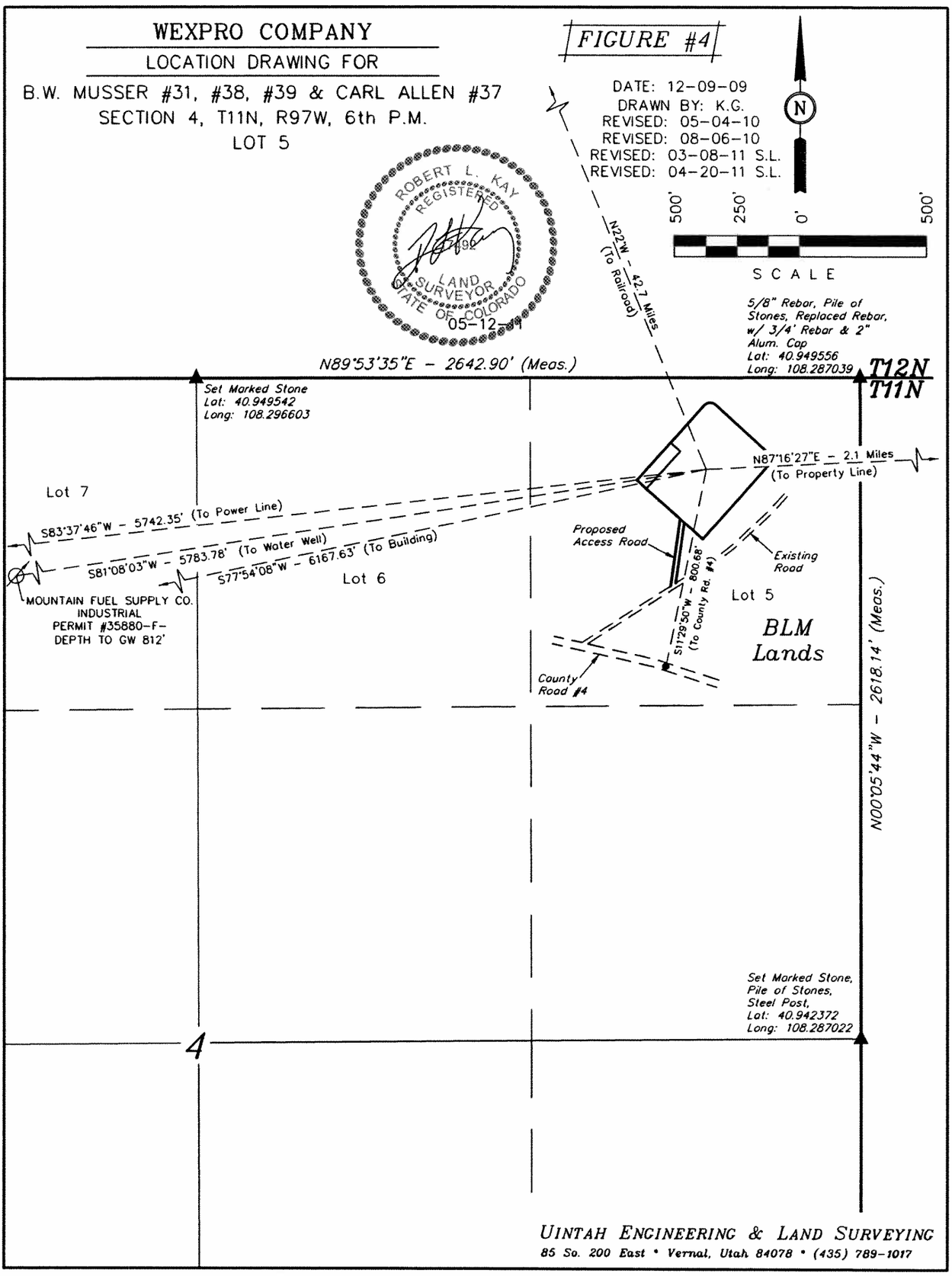
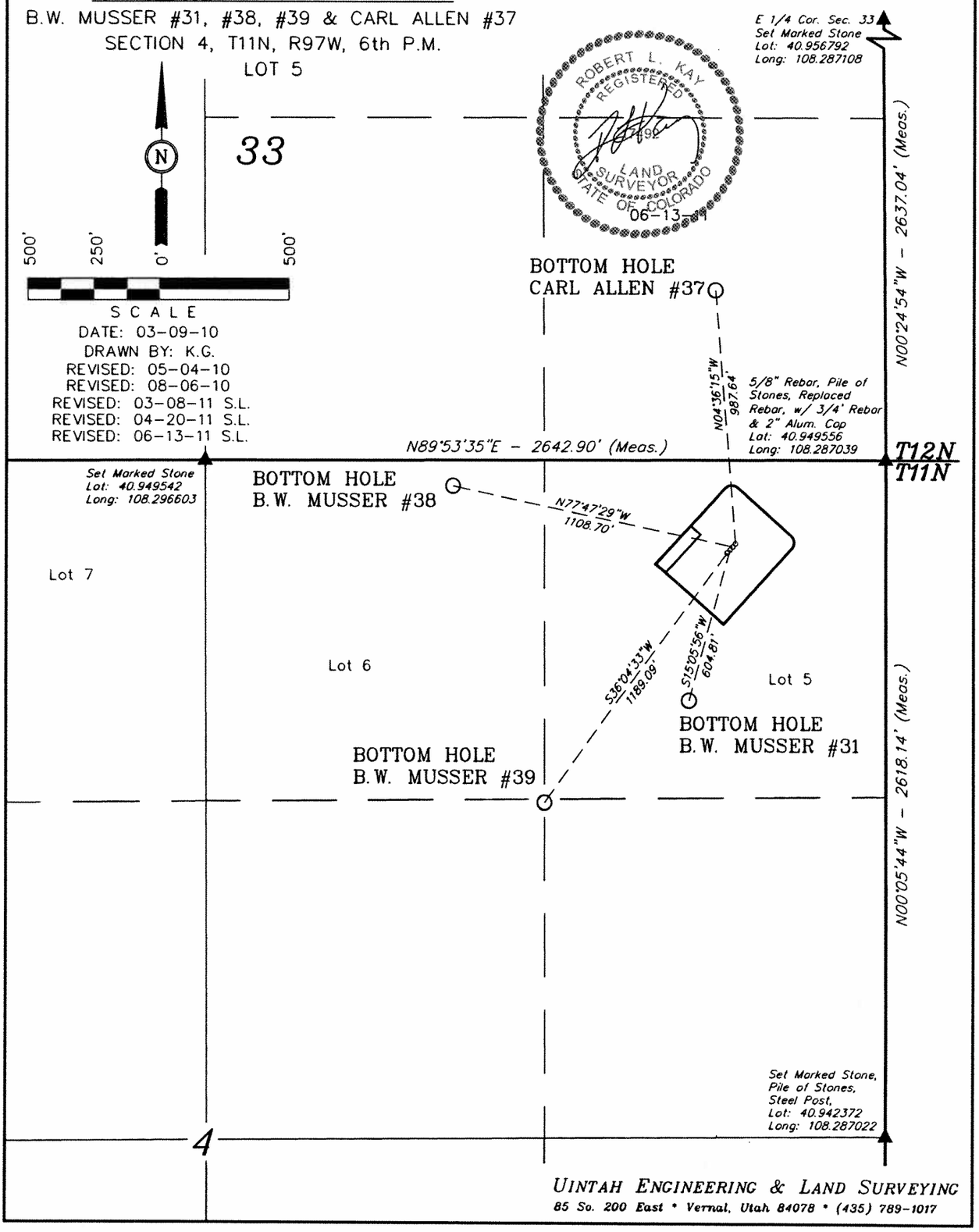

WEXPRO COMPANY
LOCATION DRAWING FOR
B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
LOT 5
FIGURE #4
DATE: 12-09-09
DRAWN BY: K.G.
REVISED: 05-04-10
REVISED: 08-06-10
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.
N
500' 250' 0' 500'
SCALE
ROBERT L. KAY
REGISTERED
LAND
SURVEYOR
STATE OF COLORADO
05-12-11
N22°W - 42.7 Miles
(To Railroad)
5/8" Rebar, Pile of Stones, Replaced Rebar, w/ 3/4' Rebar & 2" Alum. Cap
Lat: 40.949556
Long: 108.287039
N89°53'35"E - 2642.90' (Meas.)
T12N
T11N
Set Marked Stone
Lat: 40.949542
Long: 108.296603
N87°16'27"E - 2.1 Miles
(To Property Line)
Lot 7
S83°37'46"W - 5742.35' (To Power Line)
S81°08'03"W - 5783.78' (To Water Well)
S77°54'08"W - 6167.63' (To Building)
Lot 6
MOUNTAIN FUEL SUPPLY CO.
INDUSTRIAL
PERMIT #35880-F-
DEPTH TO GW 812'
Proposed Access Road
Existing Road
S17°29'50"W - 800.68'
(To County Rd. #4)
Lot 5
BLM Lands
County Road #4
N00°05'44"W - 2618.14' (Meas.)
Set Marked Stone, Pile of Stones, Steel Post,
Lat: 40.942372
Long: 108.287022
4
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

WEXPRO COMPANY

BOTTOM HOLE DRAWING FOR

B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
LOT 5

FIGURE #5



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RECLAMATION DIAGRAM FOR

B.W. MUSSER #31, #38, #39 & CARL ALLEN #37

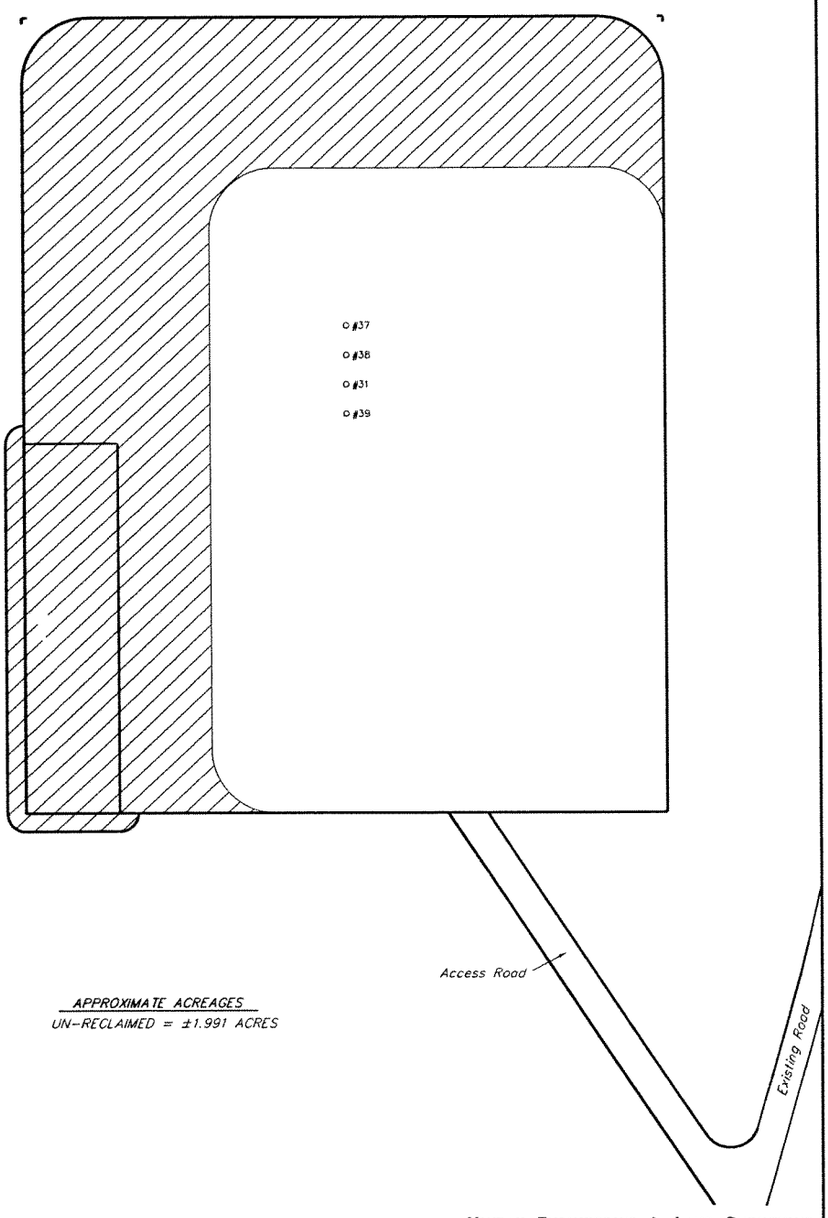
SECTION 4, T11N, R97W, 6th P.M.

LOT 5

FIGURE #6

SCALE: 1" = 50'
DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 04-20-11 S.L.

ROBERT L. KAY
REGISTERED
LAND SURVEYOR
STATE OF COLORADO
05-12



APPROXIMATE ACREAGES

UN-RECLAIMED = ±1.991 ACRES

RECLAIMED AREA

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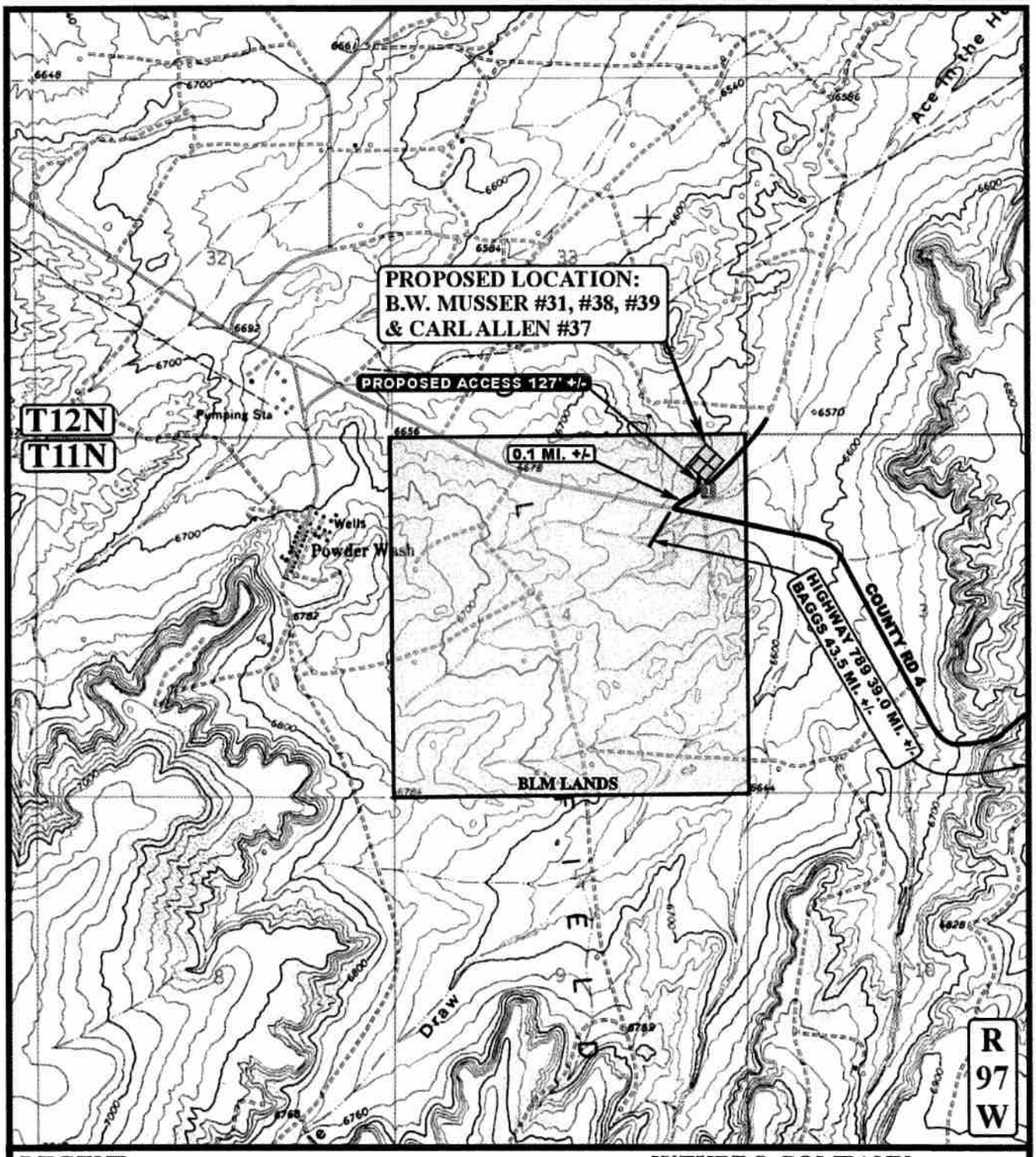

LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

18" CMP REQUIRED

N

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SECTION 4, T11N, R97W, 6th P.M.
LOT 5

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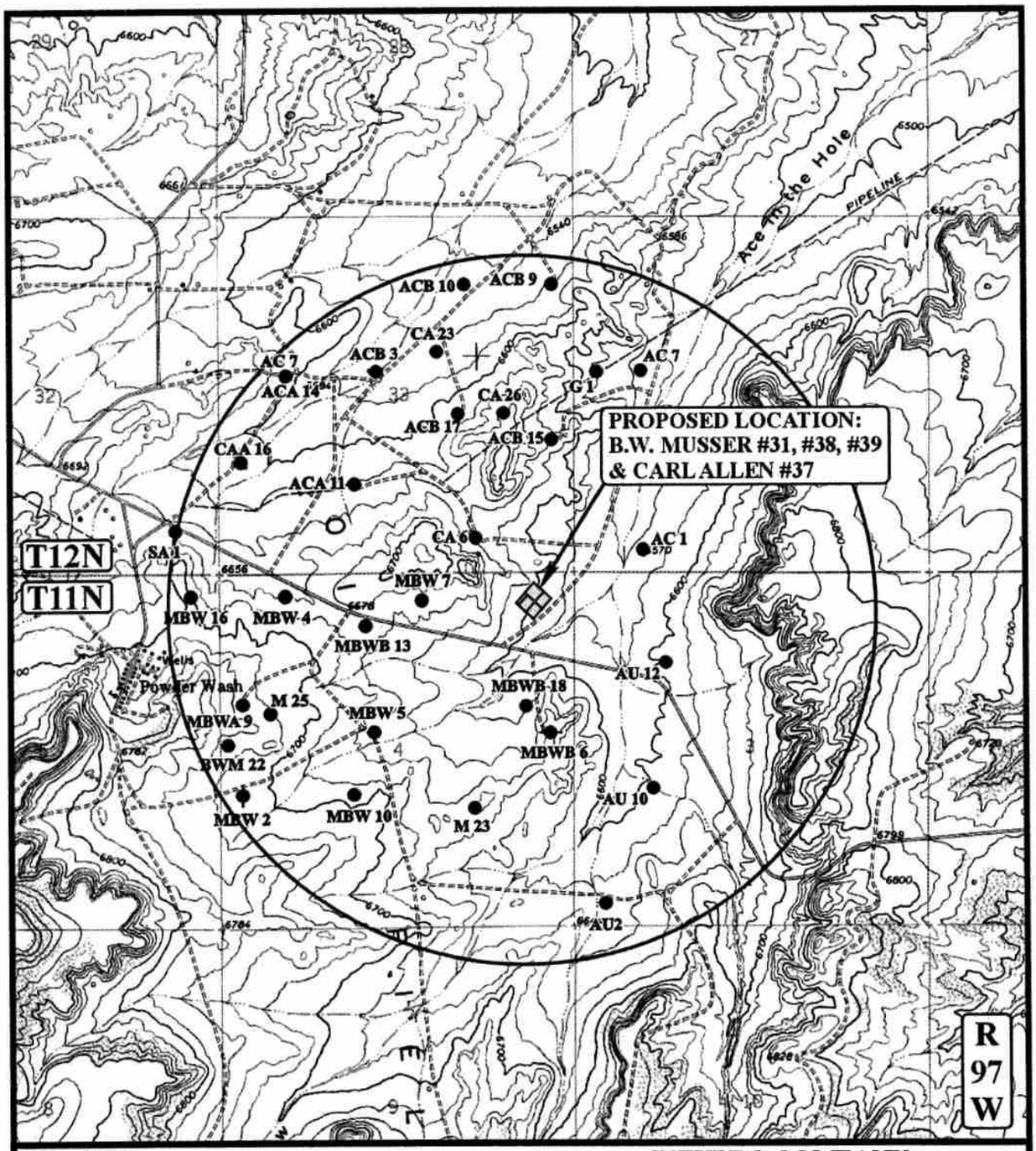
TOPOGRAPHIC MAP	07 MONTH	23 DAY	08 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.	REVISED: 03-09-11		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

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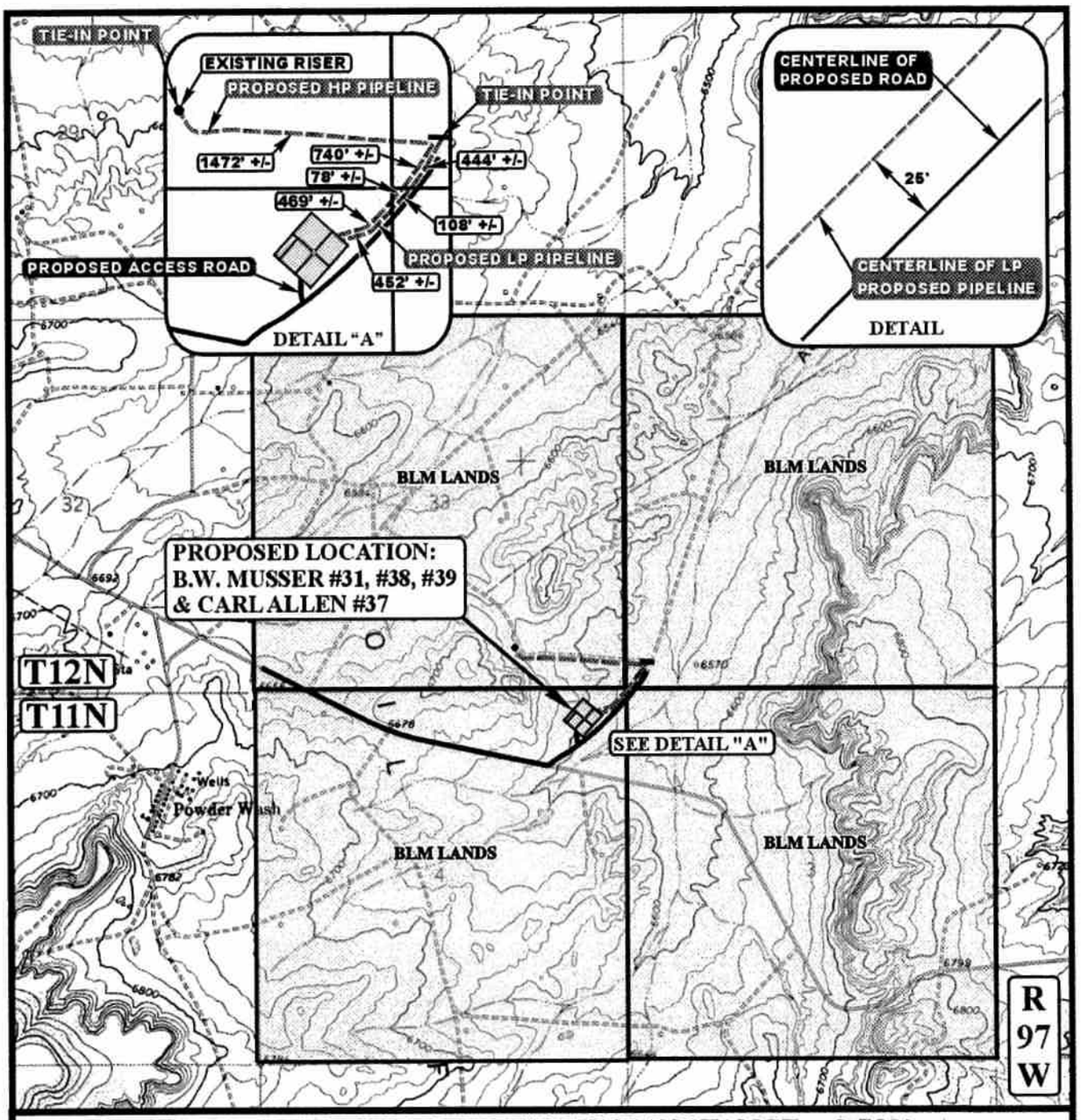
TOPOGRAPHIC MAP	07 MONTH	23 DAY	08 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REVISED: 03-09-11		



APPROXIMATE TOTAL HP PIPELINE DISTANCE = 2,759' +/-

APPROXIMATE TOTAL LP PIPELINE DISTANCE = 1,004' +/-

LEGEND:

PROPOSED ACCESS ROAD

EXISTING PIPELINE

PROPOSED PIPELINE

N

QEP FIELD SERVICES COMPANY

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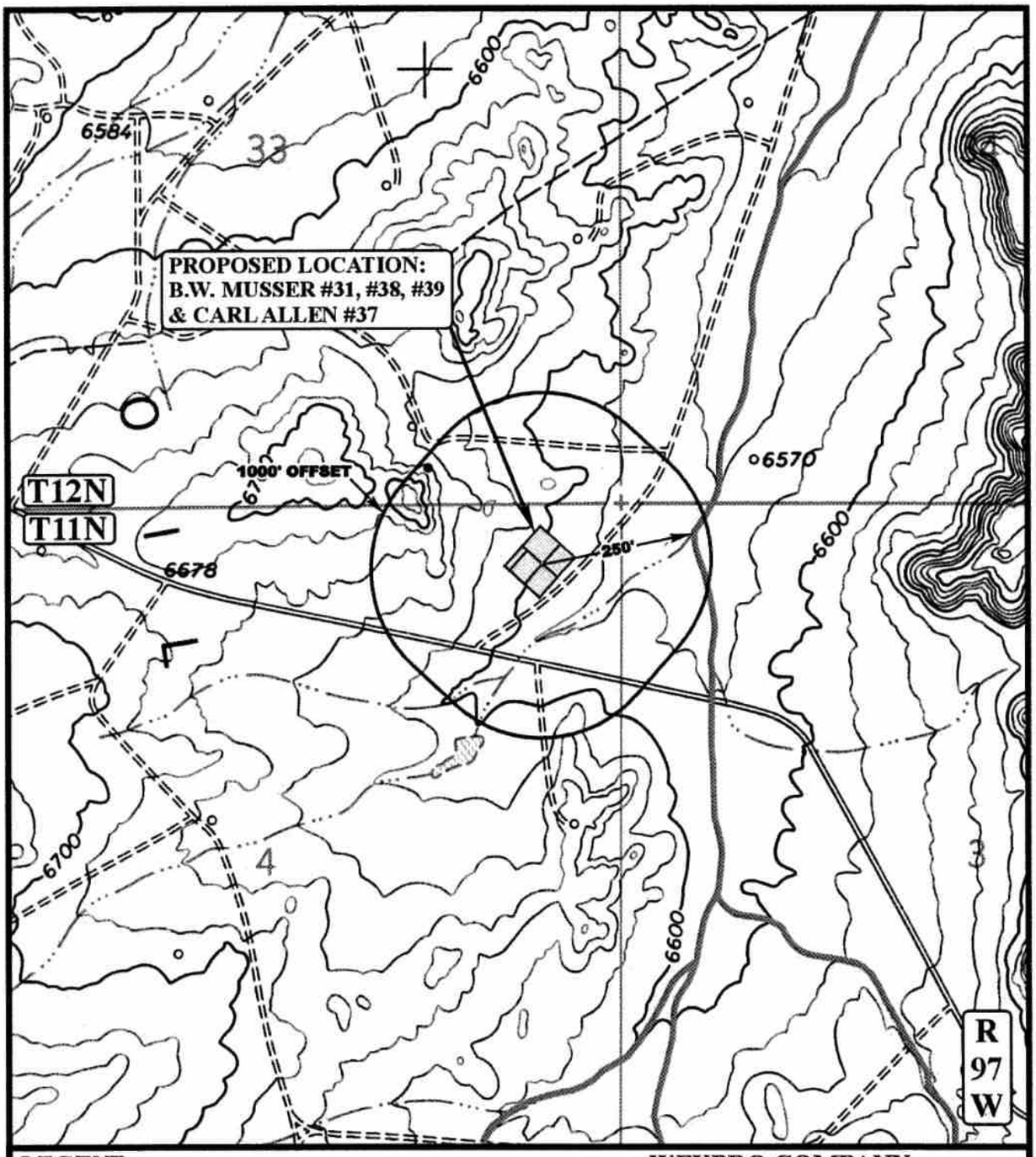
TOPOGRAPHIC MAP	08 MONTH	05 DAY	08 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REVISED: 03-09-11		



LEGEND:

EXISTING DRAINAGE

1000' OFFSET BOUNDARY

N

WEXPRO COMPANY

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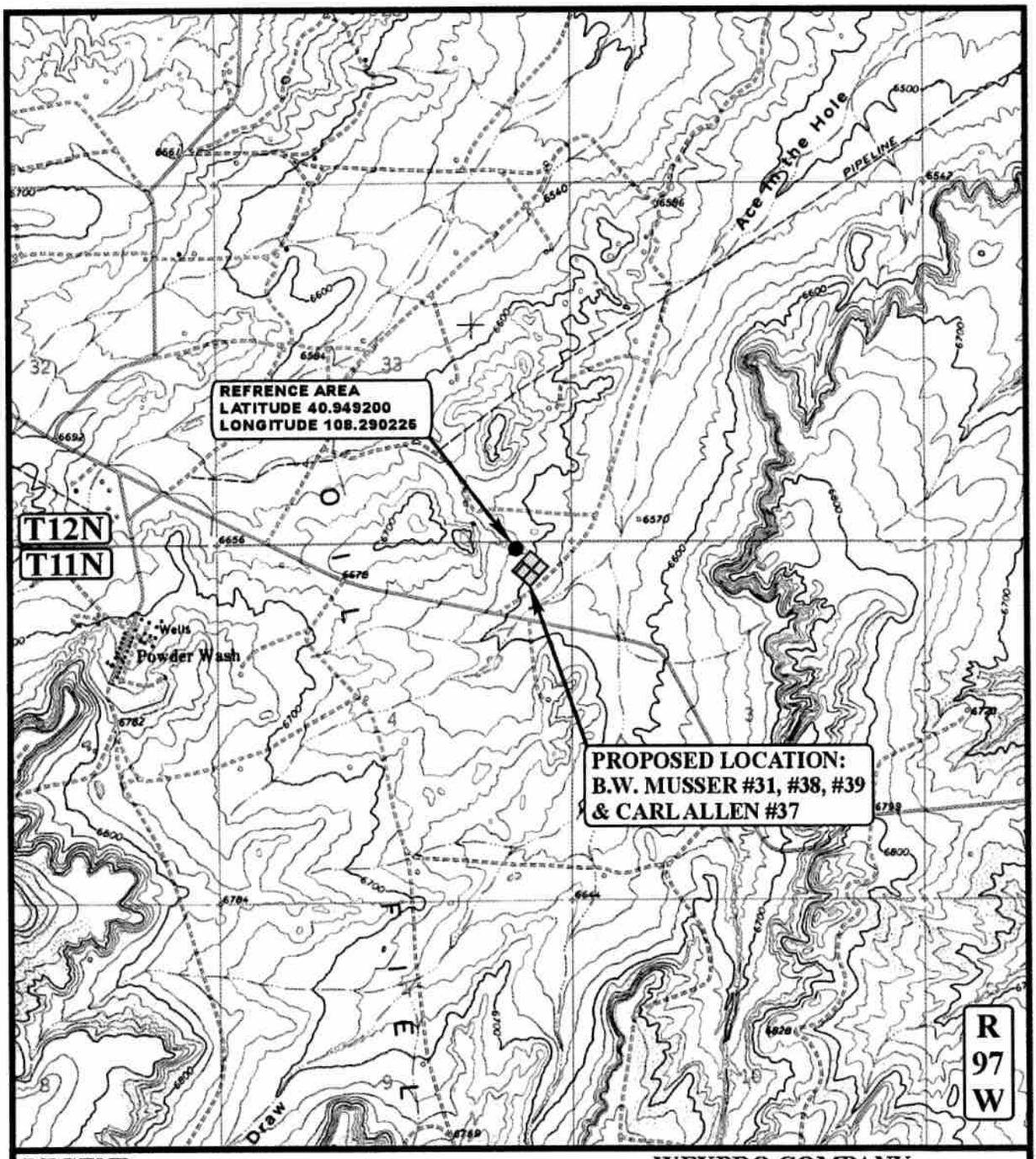
HYDROLOGY MAP	12 MONTH	10 DAY	09 YEAR	W TOPO
SCALE: 1" = 1000'	DRAWN BY: J.H.	REVISED: 03-09-11		



LEGEND:

WEXPRO COMPANY

B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
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REFERENCE AREA MAP	12 MONTH	10 DAY	09 YEAR	REF TOPO
SCALE: 1" = 2000'	DRAWN BY: J.H.	REV: 03-09-11 J.J.		