

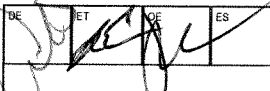


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Colorado

Oil and Gas Conservation Commission

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



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 informational copy of all sundry notices for wells located in High Density Areas to the Local Government

RECEIVED
JUL 22 2011
COGCC

1. OGCC Operator Number: 95960	4. Contact Name: Tammy Fredrickson	Complete the Attachment Checklist
2. Name of Operator: WEXPRO COMPANY	Phone: 307 352-7514	
3. Address: P.O. BOX 458	Fax: 307 352-7575	OP OGCC
City: ROCK SPRINGS State: WY Zip: 82902		
5. API Number 05- 081-07618-00 07619	OGCC Facility ID Number 414020	Survey Plat x <input checked="" type="checkbox"/>
6. Well/Facility Name: BW MUSSER	7. Well/Facility Number 39	Directional Survey x <input checked="" type="checkbox"/>
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NE NE 4-11N-97W 6PM		Surface Eqmpt Diagram
9. County: MOFFAT	10. Field Name: Powder Wash	Technical Info Page x <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number: COD038749B		Other

General Notice

PA COC 097671A

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

Change of Surface Footage from Exterior Section Lines:	401'	FNL/FSL FNL	621'	FEL/FWL FEL
Change of Surface Footage to Exterior Section Lines:	360'	FNL	618'	FEL
Change of Bottomhole Footage from Exterior Section Lines:		FNL		FEL
Change of Bottomhole Footage to Exterior Section Lines:		FNL		FEL attach directional survey

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer NW NE 4-11N-97W 6PM

Latitude 40.948569 40.945928 (BHL) Distance to nearest property line 2 Miles Distance to nearest bldg, public rd, utility or RR 250'

Longitude -108.209722 -108.291808 (BHL) Distance to nearest lease line 100' Is location in a High Density Area (rule 603b)? Yes/No NO

Ground Elevation 6603' Distance to nearest well same formation 680' Surface owner consultation d 11/02/10

GPS DATA:

Date of Measurement 06/13/11 PDOP Reading 1.2 Instrument Operator's Name Trevor Anderson

☐ **CHANGE SPACING UNIT**

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

☐ **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

☒ Notice of Intent ☐ Report of Work Done

Approximate Start Date: 8/1/2011 Date Work Completed: _____

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

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input checked="" type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other: _____	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@questr.com

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

COGCC Approved: [Signature] Title: NWA Engineer Date: 10/5/11

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	95960	API Number:	05-081-07618-00
2. Name of Operator:	Wexpro Company	OGCC Facility ID #	69800
3. Well/Facility Name:	BW MUSSER	Well/Facility Number:	39
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	NENE 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: 360' FNL, 618' FEL, NENE, Sec. 4, T11N, R97W. The BHL will remain unchanged. Wexpro also intends to drill deeper into the Lance formation to 9495' 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 details. Please see revised attached revised drilling plan. This location has been constructed and there will not be any more new disturbance.

**DRILLING PLAN
WEXPRO COMPANY
MUSSEY WELL NO. 39
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	-	4,507'	4,366' - gas - secondary objective
A-4-H	-	5,085'	4,932' - gas - secondary objective
Fort Union	-	5,262'	5,107' - gas - major objective
Allen 8 A	-	6,090'	5,931' - gas - major objective
Allen 8 B	-	6,150'	5,991' - gas - major objective
Allen 8 E	-	6,280'	6,121' - gas - major objective
Allen 8 H	-	6,528'	6,369' - gas - major objective
Allen 9 A	-	6,693'	6,534' - gas - secondary objective
Allen 9 B	-	6,754'	6,595' - gas - secondary objective
Allen 11	-	6,975'	6,816' - gas - major objective
Allen 11 A	-	7,195'	7,036' - gas - major objective
4600	-	7,647'	7,488' - gas - major objective
Allen 10 B	-	7,933'	7,774' - gas - major objective
Allen 10 C	-	7,982'	7,823' - gas - major objective
Allen 6 G	-	8,589'	8,430' - gas - major objective
Allen 6 H	-	8,672'	8,513' - gas - major objective
Allen 6 K	-	8,823'	8,664' - gas - major objective
Total Depth	-	9,495'	9,336'

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	9,495' MD 9,336' 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% CaCl₂ and 1/4% cello flake (only if lost circulation is encountered).

Tail Slurry: 395 cubic feet Poz “G” with 2% CaCl₂ 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: 1391 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. 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 195⁰ F and a BHP of 3500 psi are possible.

7. ANTICIPATED STARTING DATE: April 5, 2011

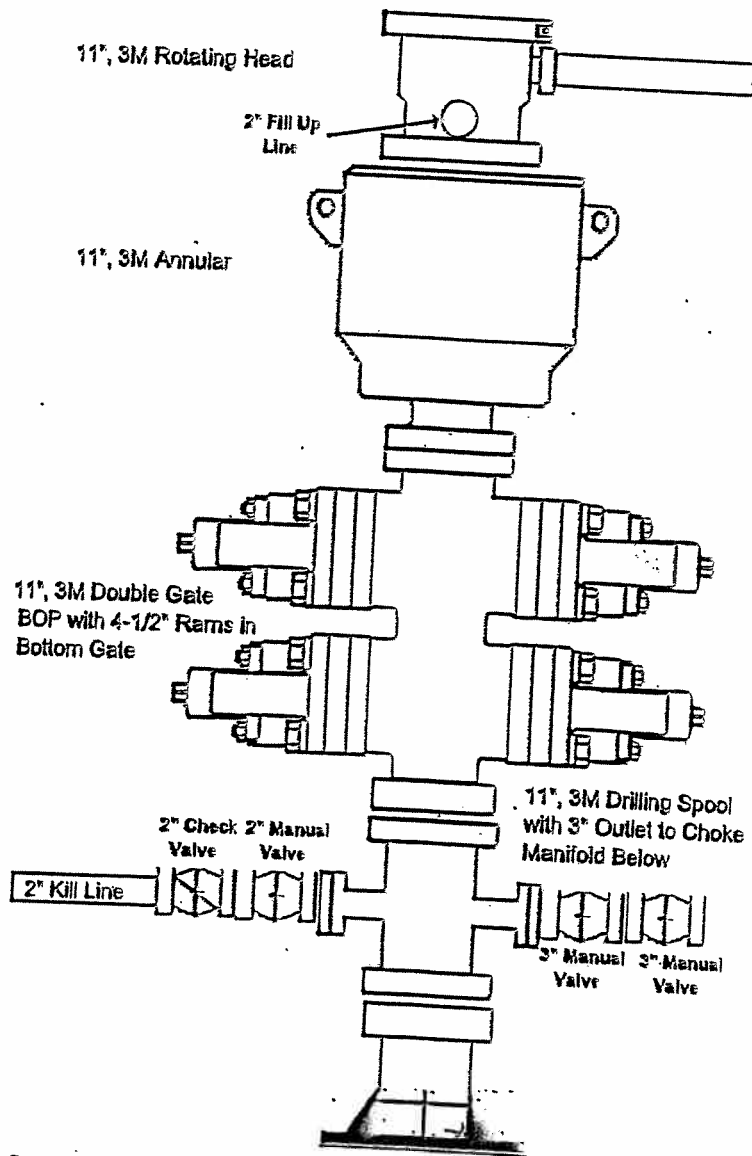
DURATION OF OPERATION: 20 days

MUSSER WELL NO. 39 : CEMENT CALCULATIONS

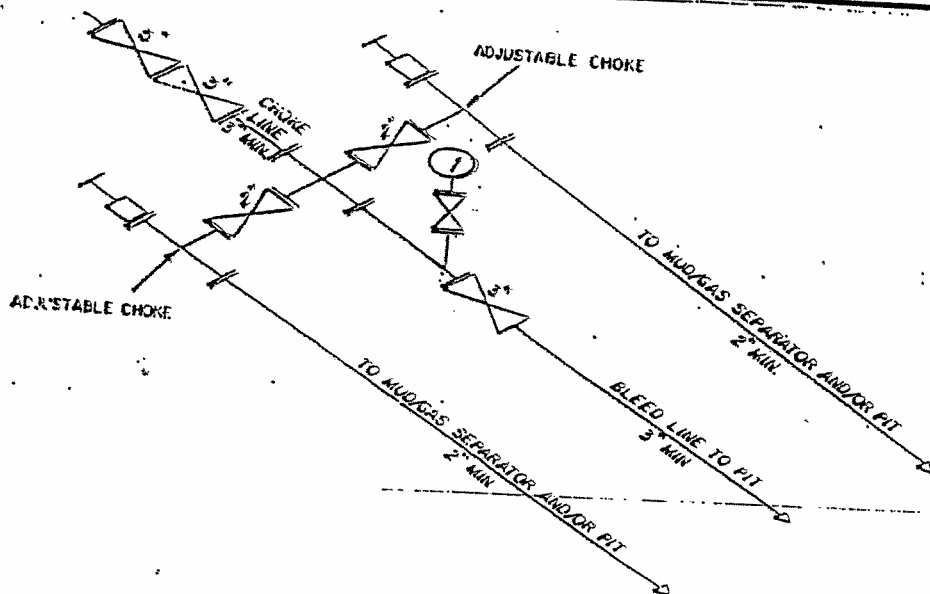
SURFACE CASING:									
CASING:	9.625 "	36#	J-55	0.4340 cu.ft./lin.ft	ID= 8.921				
ANNULUS:	12.250 "	x	9.625" Gauge Hole	0.3131 cu.ft./lin.ft					
CONDUCTOR	16.000 "	STEEL PIPE			0.8908				
EXCESS:				100%					
CEMENT YIELD:	LEAD			2.65 cu.ft./sack	11.5 PPG				
	TAIL			1.26 cu.ft./sack	15.2 PPG				
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				9,495 Feet					
TOP OF TAIL				4,200 Feet					
TOP OF LEAD				1,500 Feet					
	OPEN HOLE TOP								
	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	9,495	TO	9,450	0.0838	3.77				
ANN	9,495	TO	4,200	0.2278	1205.95				
ANN EXCESS				15%	180.89				
					1390.62	933 SACKS	1391 CU.FT.		
					DISPLACEMENT	141.0 BBLs			

3,000 psi BOP Minimum Requirements



3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY
46812 Federal Register / Vol. 63, No. 223 / Friday, November 18, 1988 / Rules and Regulations



Construction

Tube: Black, oil and abrasion resistant HNBR for H₂S 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.

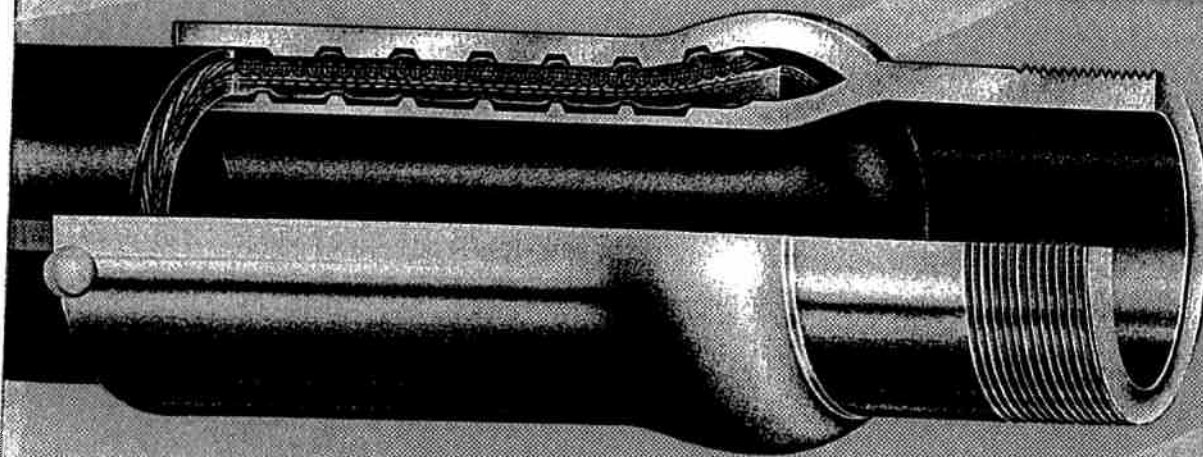
Branding: NRP Choke & Kill Hose. MADE IN USA.

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.
B.W. MUSSER #39**

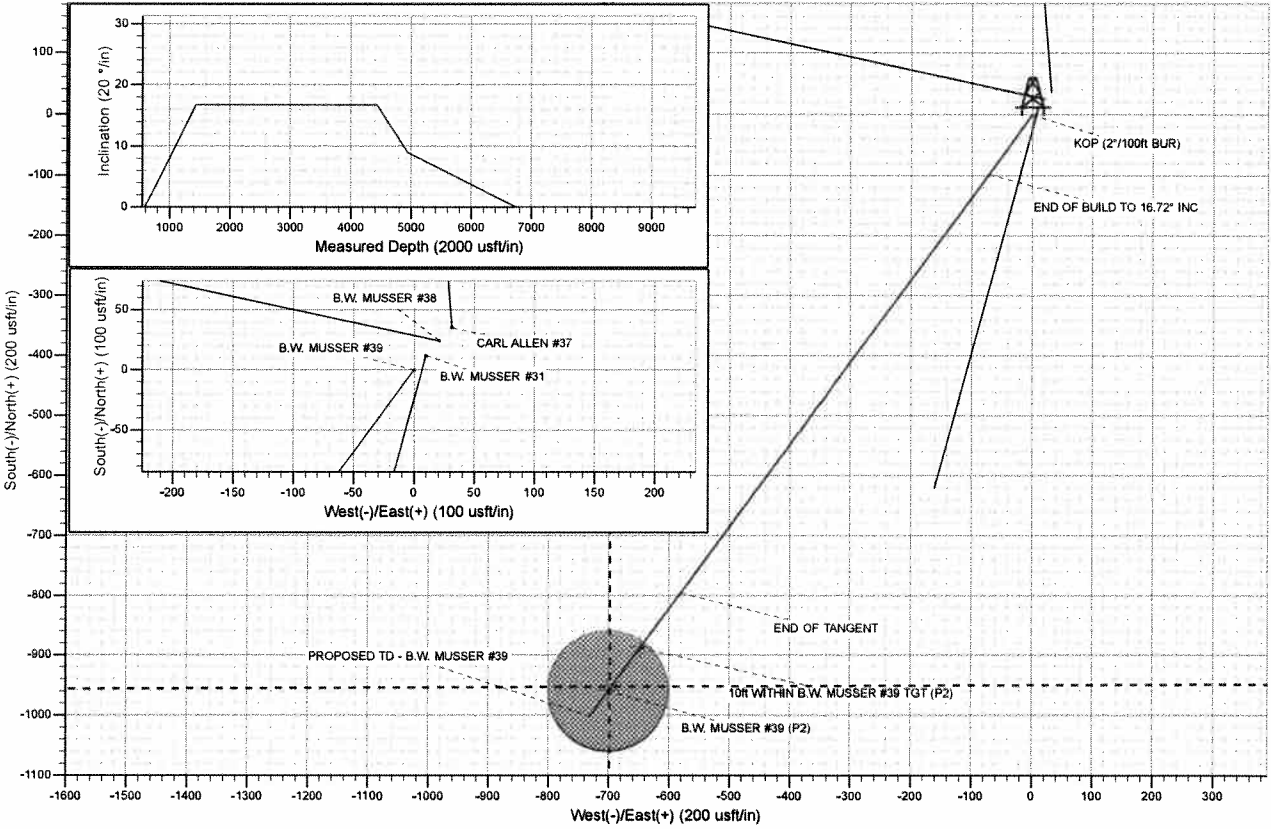
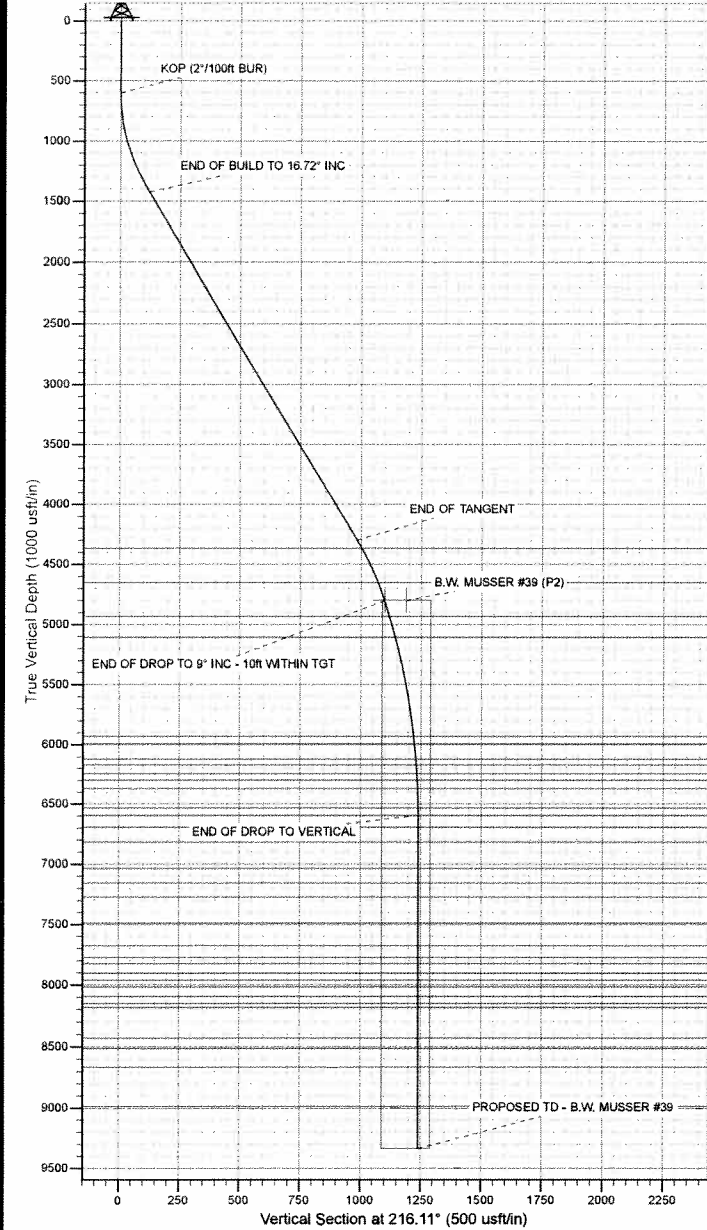
ORIGINAL WELLBORE

21 June, 2011

Plan: PROPOSAL #2



Project: COLORADO (MOFFAT COUNTY)
Site: SEC. 4 TWP 11N RGE. 97W 6th P.M.
Well: B.W. MUSSER #39
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #2



Azimuths to True North
Magnetic North: 10.75°
Magnetic Field
Strength: 53037.6snT
Dip Angle: 66.89°
Date: 12/12/2010
Model: IGRF2010

ANNOTATIONS								Annotation	
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect			
600.0	600.0	0.00	0.00	0.0	0.0	0.0		KOP (2'/100ft BUR)	
1424.0	1435.8	16.72	216.11	-97.8	-71.3	121.0		END OF BUILD TO 16.72' INC	
4298.9	4437.6	16.72	216.11	-795.3	-580.1	984.4		END OF TANGENT	
4800.0	4951.9	9.00	216.11	-887.7	-647.6	1098.8		EOD TO 9' INC - 10ft WITHIN TGT	
6592.6	6751.9	0.00	0.00	-1001.7	-730.7	1239.9		END OF DROP TO VERTICAL	
9336.0	9495.3	0.00	0.00	-1001.7	-730.7	1239.9		PROPOSED TD - B.W. MUSSER #39	

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #39
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6605.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6605.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	North Reference:	True
Well:	B.W. MUSSER #39	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
From:	Lat/Long	Easting:	2,229,601.25 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	40° 56' 54.791 N
		Longitude:	108° 17' 21.001 W
		Grid Convergence:	-1.80 °

Well	B.W. MUSSER #39		
Well Position	+N/-S	4.0 usft	Northing:
	+E/-W	-29.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	40° 56' 54.830 N
		Longitude:	108° 17' 21.379 W
		Ground Level:	0.0 usft

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

Design	PROPOSAL #2		
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Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	4,785.0	0.0	0.0	216.11

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	-6,605.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	-6,005.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,435.8	16.72	216.11	1,424.0	-5,181.0	-97.8	-71.3	2.00	2.00	0.00	216.11	
4,437.6	16.72	216.11	4,298.9	-2,306.1	-795.3	-580.1	0.00	0.00	0.00	0.00	
4,951.9	9.00	216.11	4,800.0	-1,805.0	-887.7	-647.6	1.50	-1.50	0.00	180.00	10ft WITHIN B.W. A
6,751.9	0.00	0.00	6,592.6	-12.4	-1,001.7	-730.7	0.50	-0.50	0.00	180.00	
9,495.3	0.00	0.00	9,336.0	2,731.0	-1,001.7	-730.7	0.00	0.00	0.00	0.00	

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #39
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6605.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6605.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	North Reference:	True
Well:	B.W. MUSSER #39	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	6,605.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	6,505.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	6,405.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	6,305.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	6,205.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	6,105.00	0.0	0.0	0.0	0.00	0.00	0.00
KOP (2°/100ft BUR)										
600.0	0.00	0.00	600.0	6,005.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	2.00	216.11	700.0	5,905.02	-1.4	-1.0	1.7	2.00	2.00	0.00
800.0	4.00	216.11	799.8	5,805.16	-5.6	-4.1	7.0	2.00	2.00	0.00
900.0	6.00	216.11	899.5	5,705.55	-12.7	-9.2	15.7	2.00	2.00	0.00
1,000.0	8.00	216.11	998.7	5,606.30	-22.5	-16.4	27.9	2.00	2.00	0.00
1,100.0	10.00	216.11	1,097.5	5,507.53	-35.2	-25.6	43.5	2.00	2.00	0.00
1,200.0	12.00	216.11	1,195.6	5,409.38	-50.6	-36.9	62.6	2.00	2.00	0.00
1,300.0	14.00	216.11	1,293.1	5,311.94	-68.7	-50.2	85.1	2.00	2.00	0.00
1,400.0	16.00	216.11	1,389.6	5,215.36	-89.7	-65.4	111.0	2.00	2.00	0.00
END OF BUILD TO 16.72° INC										
1,435.8	16.72	216.11	1,424.0	5,181.05	-97.8	-71.3	121.0	2.00	2.00	0.00
1,500.0	16.72	216.11	1,485.5	5,119.52	-112.7	-82.2	139.5	0.00	0.00	0.00
1,600.0	16.72	216.11	1,581.3	5,023.74	-136.0	-99.2	168.3	0.00	0.00	0.00
1,700.0	16.72	216.11	1,677.0	4,927.97	-159.2	-116.1	197.0	0.00	0.00	0.00
1,800.0	16.72	216.11	1,772.8	4,832.20	-182.4	-133.1	225.8	0.00	0.00	0.00
1,900.0	16.72	216.11	1,868.6	4,736.42	-205.7	-150.0	254.6	0.00	0.00	0.00
2,000.0	16.72	216.11	1,964.4	4,640.65	-228.9	-167.0	283.3	0.00	0.00	0.00
2,100.0	16.72	216.11	2,060.1	4,544.87	-252.1	-183.9	312.1	0.00	0.00	0.00
2,200.0	16.72	216.11	2,155.9	4,449.10	-275.4	-200.9	340.9	0.00	0.00	0.00
2,300.0	16.72	216.11	2,251.7	4,353.32	-298.6	-217.8	369.6	0.00	0.00	0.00
2,400.0	16.72	216.11	2,347.5	4,257.55	-321.8	-234.8	398.4	0.00	0.00	0.00
2,500.0	16.72	216.11	2,443.2	4,161.77	-345.1	-251.7	427.1	0.00	0.00	0.00
2,600.0	16.72	216.11	2,539.0	4,066.00	-368.3	-268.7	455.9	0.00	0.00	0.00
2,700.0	16.72	216.11	2,634.8	3,970.22	-391.6	-285.6	484.7	0.00	0.00	0.00
2,800.0	16.72	216.11	2,730.6	3,874.45	-414.8	-302.6	513.4	0.00	0.00	0.00
2,900.0	16.72	216.11	2,826.3	3,778.67	-438.0	-319.5	542.2	0.00	0.00	0.00
3,000.0	16.72	216.11	2,922.1	3,682.90	-461.3	-336.5	570.9	0.00	0.00	0.00
3,100.0	16.72	216.11	3,017.9	3,587.12	-484.5	-353.4	599.7	0.00	0.00	0.00
3,200.0	16.72	216.11	3,113.6	3,491.35	-507.7	-370.4	628.5	0.00	0.00	0.00
3,300.0	16.72	216.11	3,209.4	3,395.58	-531.0	-387.3	657.2	0.00	0.00	0.00
3,400.0	16.72	216.11	3,305.2	3,299.80	-554.2	-404.3	686.0	0.00	0.00	0.00
3,500.0	16.72	216.11	3,401.0	3,204.03	-577.4	-421.2	714.8	0.00	0.00	0.00
3,600.0	16.72	216.11	3,496.7	3,108.25	-600.7	-438.2	743.5	0.00	0.00	0.00
3,700.0	16.72	216.11	3,592.5	3,012.48	-623.9	-455.1	772.3	0.00	0.00	0.00
3,800.0	16.72	216.11	3,688.3	2,916.70	-647.1	-472.1	801.0	0.00	0.00	0.00
3,900.0	16.72	216.11	3,784.1	2,820.93	-670.4	-489.0	829.8	0.00	0.00	0.00
4,000.0	16.72	216.11	3,879.8	2,725.15	-693.6	-506.0	858.6	0.00	0.00	0.00
4,100.0	16.72	216.11	3,975.6	2,629.38	-716.9	-522.9	887.3	0.00	0.00	0.00
4,200.0	16.72	216.11	4,071.4	2,533.60	-740.1	-539.9	916.1	0.00	0.00	0.00
4,300.0	16.72	216.11	4,167.2	2,437.83	-763.3	-556.8	944.8	0.00	0.00	0.00
4,400.0	16.72	216.11	4,262.9	2,342.05	-786.6	-573.8	973.6	0.00	0.00	0.00
END OF TANGENT										
4,437.6	16.72	216.11	4,298.9	2,306.07	-795.3	-580.1	984.4	0.00	0.00	0.00
4,500.0	15.78	216.11	4,358.9	2,246.14	-809.4	-590.4	1,001.9	1.50	-1.50	0.00
A-4-G SD										
4,507.4	15.67	216.11	4,366.0	2,239.00	-811.0	-591.6	1,003.9	1.50	-1.50	0.00
4,600.0	14.28	216.11	4,455.4	2,149.56	-830.4	-605.7	1,027.8	1.50	-1.50	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #39
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6605.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6605.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	North Reference:	True
Well:	B.W. MUSSER #39	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	12.78	216.11	4,552.7	2,052.34	-849.2	-619.5	1,051.2	1.50	-1.50	0.00
4,800.0	11.28	216.11	4,650.5	1,954.53	-866.1	-631.8	1,072.0	1.50	-1.50	0.00
(BIG WATER SD)										
4,800.5	11.27	216.11	4,651.0	1,954.00	-866.2	-631.9	1,072.1	1.50	-1.50	0.00
4,900.0	9.78	216.11	4,748.8	1,856.22	-880.8	-642.6	1,090.3	1.50	-1.50	0.00
END OF DROP TO 9° INC - 10ft WITHIN TGT										
4,951.9	9.00	216.11	4,800.0	1,805.00	-887.7	-647.6	1,098.8	1.50	-1.50	0.00
5,000.0	8.76	216.11	4,847.5	1,757.49	-893.7	-651.9	1,106.2	0.50	-0.50	0.00
A-4-H SD										
5,085.4	8.33	216.11	4,932.0	1,673.00	-903.9	-659.4	1,118.9	0.50	-0.50	0.00
5,100.0	8.26	216.11	4,946.4	1,658.59	-905.6	-660.6	1,121.0	0.50	-0.50	0.00
5,200.0	7.76	216.11	5,045.4	1,559.57	-916.9	-668.9	1,134.9	0.50	-0.50	0.00
FORT UNION FORMATION										
5,262.1	7.45	216.11	5,107.0	1,498.00	-923.5	-673.7	1,143.2	0.50	-0.50	0.00
5,300.0	7.26	216.11	5,144.6	1,460.43	-927.5	-676.6	1,148.0	0.50	-0.50	0.00
5,400.0	6.76	216.11	5,243.8	1,361.18	-937.3	-683.8	1,160.2	0.50	-0.50	0.00
5,500.0	6.26	216.11	5,343.2	1,261.82	-946.5	-690.4	1,171.5	0.50	-0.50	0.00
5,600.0	5.76	216.11	5,442.6	1,162.37	-954.9	-696.6	1,182.0	0.50	-0.50	0.00
5,700.0	5.26	216.11	5,542.2	1,062.83	-962.7	-702.3	1,191.6	0.50	-0.50	0.00
5,800.0	4.76	216.11	5,641.8	963.22	-969.7	-707.4	1,200.3	0.50	-0.50	0.00
5,900.0	4.26	216.11	5,741.5	863.53	-976.1	-712.0	1,208.2	0.50	-0.50	0.00
6,000.0	3.76	216.11	5,841.2	763.77	-981.7	-716.2	1,215.2	0.50	-0.50	0.00
L.F.U. ALLEN 8A										
6,089.9	3.31	216.11	5,931.0	674.00	-986.2	-719.4	1,220.7	0.50	-0.50	0.00
6,100.0	3.26	216.11	5,941.0	663.96	-986.7	-719.8	1,221.3	0.50	-0.50	0.00
L.F.U. ALLEN 8B										
6,150.0	3.01	216.11	5,991.0	614.00	-988.9	-721.4	1,224.1	0.50	-0.50	0.00
6,200.0	2.76	216.11	6,040.9	564.10	-990.9	-722.9	1,226.6	0.50	-0.50	0.00
L.F.U. ALLEN 8E										
6,280.2	2.36	216.11	6,121.0	484.00	-993.8	-725.0	1,230.2	0.50	-0.50	0.00
6,300.0	2.26	216.11	6,140.8	464.19	-994.5	-725.4	1,231.0	0.50	-0.50	0.00
L.F.U. ALLEN 8E1										
6,328.2	2.12	216.11	6,169.0	436.00	-995.3	-726.1	1,232.0	0.50	-0.50	0.00
6,400.0	1.76	216.11	6,240.7	364.25	-997.3	-727.5	1,234.5	0.50	-0.50	0.00
L.F.U. ALLEN 8F										
6,402.3	1.75	216.11	6,243.0	362.00	-997.4	-727.6	1,234.5	0.50	-0.50	0.00
L.F.U. ALLEN 8G										
6,455.3	1.48	216.11	6,296.0	309.00	-998.6	-728.4	1,236.0	0.50	-0.50	0.00
6,500.0	1.26	216.11	6,340.7	264.29	-999.4	-729.1	1,237.1	0.50	-0.50	0.00
L.F.U. ALLEN 8H										
6,528.3	1.12	216.11	6,369.0	236.00	-999.9	-729.4	1,237.7	0.50	-0.50	0.00
6,600.0	0.76	216.11	6,440.7	164.31	-1,000.9	-730.1	1,238.9	0.50	-0.50	0.00
L.F.U. ALLEN 9A										
6,693.3	0.29	216.11	6,534.0	71.00	-1,001.5	-730.6	1,239.7	0.50	-0.50	0.00
6,700.0	0.26	216.11	6,540.7	64.31	-1,001.6	-730.6	1,239.7	0.50	-0.50	0.00
END OF DROP TO VERTICAL										
6,751.9	0.00	0.00	6,592.6	12.39	-1,001.7	-730.7	1,239.9	0.50	-0.50	0.00
L.F.U. ALLEN 9B										
6,754.3	0.00	0.00	6,595.0	10.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
6,800.0	0.00	0.00	6,640.7	-35.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 9C										
6,853.3	0.00	0.00	6,694.0	-89.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #39
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6605.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6605.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	North Reference:	True
Well:	B.W. MUSSER #39	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)
6,900.0	0.00	0.00	6,740.7	-135.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 11										
6,975.3	0.00	0.00	6,816.0	-211.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,000.0	0.00	0.00	6,840.7	-235.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,100.0	0.00	0.00	6,940.7	-335.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 11A										
7,195.3	0.00	0.00	7,036.0	-431.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,200.0	0.00	0.00	7,040.7	-435.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,300.0	0.00	0.00	7,140.7	-535.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 11B										
7,314.3	0.00	0.00	7,155.0	-550.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,400.0	0.00	0.00	7,240.7	-635.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 11C										
7,430.3	0.00	0.00	7,271.0	-666.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,500.0	0.00	0.00	7,340.7	-735.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,600.0	0.00	0.00	7,440.7	-835.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. 4600										
7,647.3	0.00	0.00	7,488.0	-883.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,700.0	0.00	0.00	7,540.7	-935.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,800.0	0.00	0.00	7,640.7	-1,035.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 10A										
7,834.3	0.00	0.00	7,675.0	-1,070.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
7,900.0	0.00	0.00	7,740.7	-1,135.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 10B										
7,933.3	0.00	0.00	7,774.0	-1,169.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 10C										
7,982.3	0.00	0.00	7,823.0	-1,218.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,000.0	0.00	0.00	7,840.7	-1,235.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6										
8,064.3	0.00	0.00	7,905.0	-1,300.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,100.0	0.00	0.00	7,940.7	-1,335.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6A										
8,119.3	0.00	0.00	7,960.0	-1,355.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6B										
8,174.3	0.00	0.00	8,015.0	-1,410.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,200.0	0.00	0.00	8,040.7	-1,435.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6C										
8,251.3	0.00	0.00	8,092.0	-1,487.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,300.0	0.00	0.00	8,140.7	-1,535.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6D										
8,310.3	0.00	0.00	8,151.0	-1,546.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6E										
8,343.3	0.00	0.00	8,184.0	-1,579.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,400.0	0.00	0.00	8,240.7	-1,635.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,500.0	0.00	0.00	8,340.7	-1,735.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6G										
8,589.3	0.00	0.00	8,430.0	-1,825.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,600.0	0.00	0.00	8,440.7	-1,835.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
L.F.U. ALLEN 6H										
8,672.3	0.00	0.00	8,513.0	-1,908.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,700.0	0.00	0.00	8,540.7	-1,935.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,800.0	0.00	0.00	8,640.7	-2,035.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #39
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6605.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6605.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	North Reference:	True
Well:	B.W. MUSSER #39	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)
L.F.U. ALLEN 6K										
8,823.3	0.00	0.00	8,664.0	-2,059.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
8,900.0	0.00	0.00	8,740.7	-2,135.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
9,000.0	0.00	0.00	8,840.7	-2,235.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
9,100.0	0.00	0.00	8,940.7	-2,335.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
LNCE										
9,145.3	0.00	0.00	8,986.0	-2,381.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
9,200.0	0.00	0.00	9,040.7	-2,435.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
9,300.0	0.00	0.00	9,140.7	-2,535.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
9,400.0	0.00	0.00	9,240.7	-2,635.69	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00
PROPOSED TO - B.W. MUSSER #39										
9,495.3	0.00	0.00	9,336.0	-2,731.00	-1,001.7	-730.7	1,239.9	0.00	0.00	0.00

Planning Report

Database:	EDM_5000_1_7	Local Co-ordinate Reference:	Well B.W. MUSSER #39
Company:	WEXPRO COMPANY	TVD Reference:	KB-EST @ 6605.0usft
Project:	COLORADO (MOFFAT COUNTY)	MD Reference:	KB-EST @ 6605.0usft
Site:	SEC. 4 TWP 11N RGE. 97W 6th P.M.	North Reference:	True
Well:	B.W. MUSSER #39	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

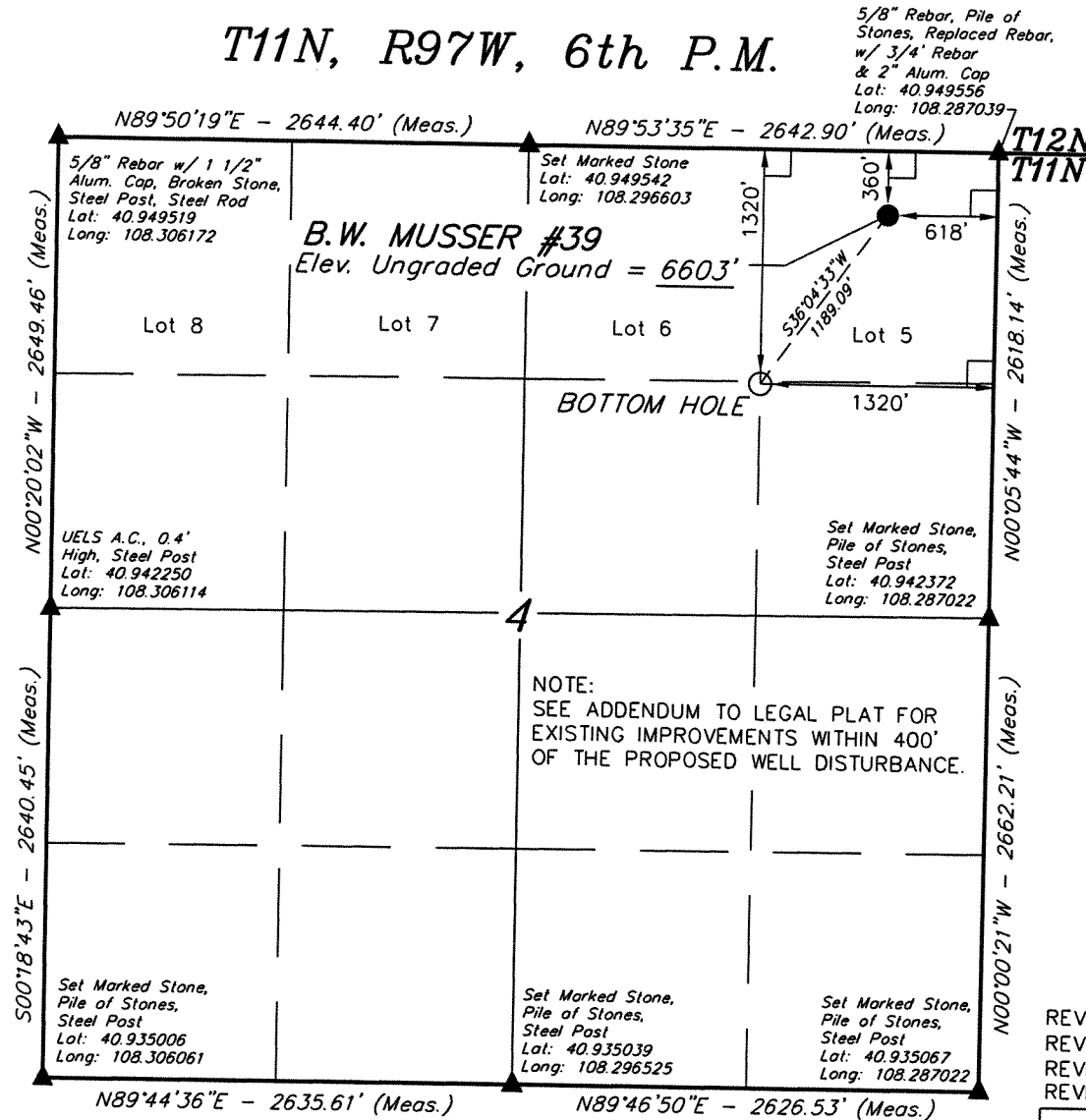
Formations

MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,507.4	4,366.0	A-4-G SD			
4,800.5	4,651.0	(BIG WATER SD)			
5,085.4	4,932.0	A-4-H SD			
5,262.1	5,107.0	FORT UNION FORMATION			
6,089.9	5,931.0	L.F.U. ALLEN 8A			
6,150.0	5,991.0	L.F.U. ALLEN 8B			
6,280.2	6,121.0	L.F.U. ALLEN 8E			
6,328.2	6,169.0	L.F.U. ALLEN 8E1			
6,402.3	6,243.0	L.F.U. ALLEN 8F			
6,455.3	6,296.0	L.F.U. ALLEN 8G			
6,528.3	6,369.0	L.F.U. ALLEN 8H			
6,693.3	6,534.0	L.F.U. ALLEN 9A			
6,754.3	6,595.0	L.F.U. ALLEN 9B			
6,853.3	6,694.0	L.F.U. ALLEN 9C			
6,975.3	6,816.0	L.F.U. ALLEN 11			
7,195.3	7,036.0	L.F.U. ALLEN 11A			
7,314.3	7,155.0	L.F.U. ALLEN 11B			
7,430.3	7,271.0	L.F.U. ALLEN 11C			
7,647.3	7,488.0	L.F.U 4600			
7,834.3	7,675.0	L.F.U. ALLEN 10A			
7,933.3	7,774.0	L.F.U. ALLEN 10B			
7,982.3	7,823.0	L.F.U. ALLEN 10C			
8,064.3	7,905.0	L.F.U. ALLEN 6			
8,119.3	7,960.0	L.F.U. ALLEN 6A			
8,174.3	8,015.0	L.F.U. ALLEN 6B			
8,251.3	8,092.0	L.F.U. ALLEN 6C			
8,310.3	8,151.0	L.F.U. ALLEN 6D			
8,343.3	8,184.0	L.F.U. ALLEN 6E			
8,589.3	8,430.0	L.F.U. ALLEN 6G			
8,672.3	8,513.0	L.F.U. ALLEN 6H			
8,823.3	8,664.0	L.F.U. ALLEN 6K			
9,145.3	8,986.0	LNCE			

Plan Annotations

MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
600.0	600.0	0.0	0.0	KOP (2°/100ft BUR)
1,435.8	1,424.0	-97.8	-71.3	END OF BUILD TO 16.72° INC
4,437.6	4,298.9	-795.3	-580.1	END OF TANGENT
4,951.9	4,800.0	-887.7	-647.6	END OF DROP TO 9° INC - 10ft WITHIN TGT
6,751.9	6,592.6	-1,001.7	-730.7	END OF DROP TO VERTICAL
9,495.3	9,336.0	-1,001.7	-730.7	PROPOSED TD - B.W. MUSSER #39

T11N, R97W, 6th P.M.

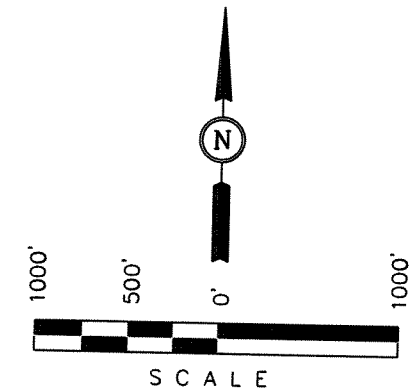


WEXPRO COMPANY

Well location, B.W. MUSSER #39, 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
03-12-11

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

LEGEND:

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

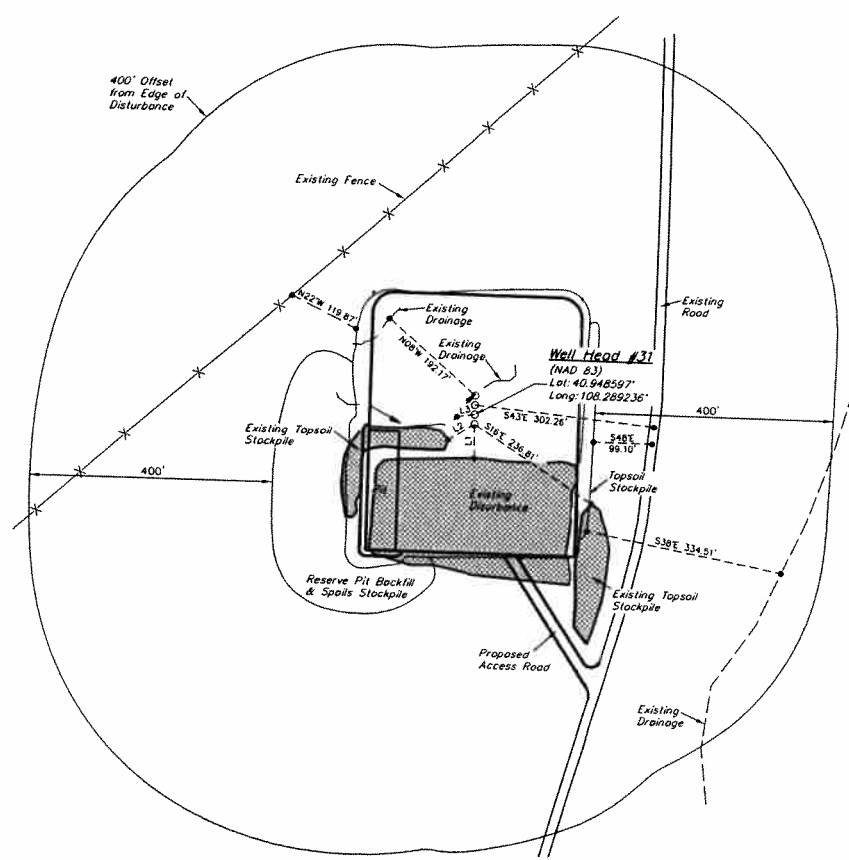
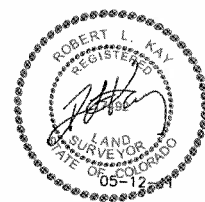
PDOP = 1.2

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°56'45.34" (40.945928)	LATITUDE = 40°56'54.83" (40.948564)
LONGITUDE = 108°17'30.51" (108.291808)	LONGITUDE = 108°17'21.38" (108.289272)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°56'45.47" (40.945964)	LATITUDE = 40°56'54.96" (40.948600)
LONGITUDE = 108°17'28.17" (108.291158)	LONGITUDE = 108°17'19.04" (108.288622)

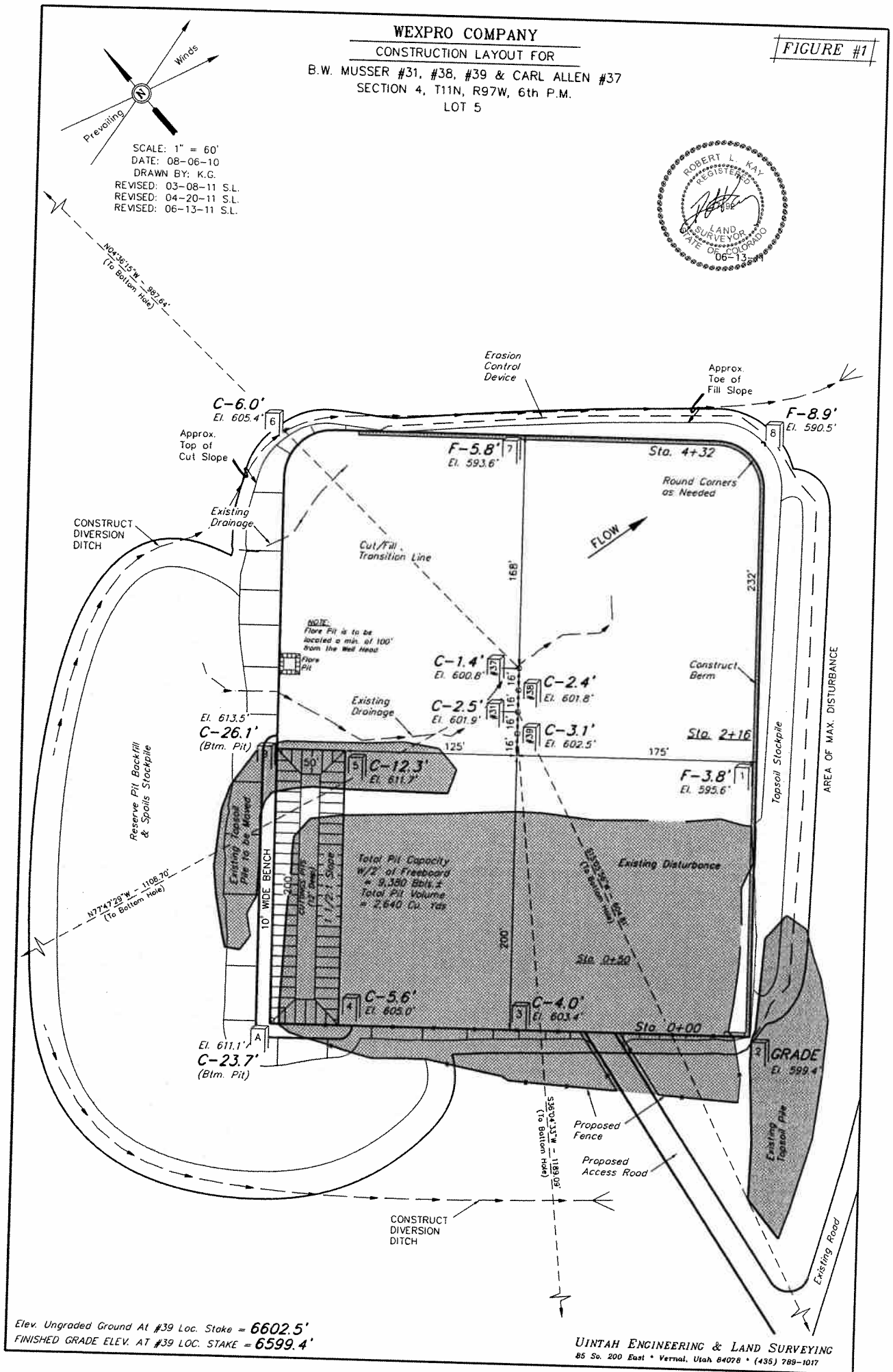
SCALE 1" = 1000'	DATE SURVEYED: 07-15-08	DATE DRAWN: 05-26-09
PARTY T.A. C.D. L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE WEXPRO COMPANY	

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

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



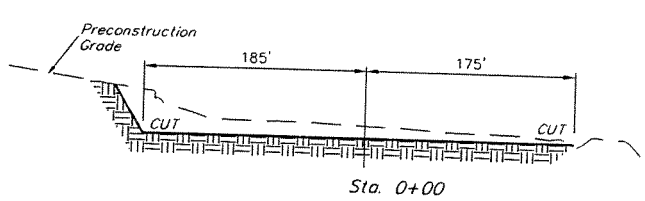
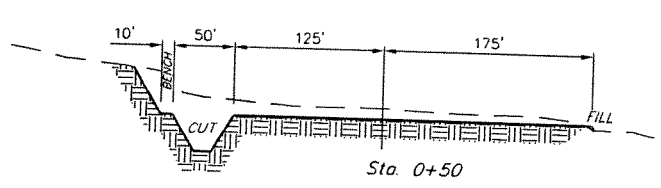
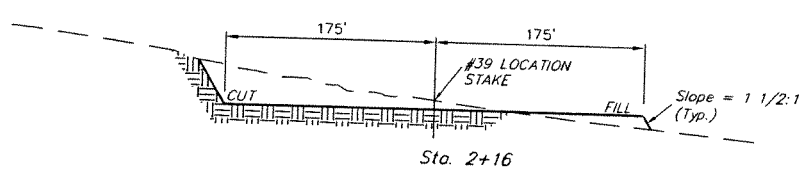
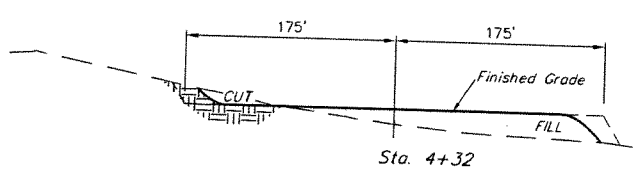
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S40°39'11"W	57.25'
L2	N81°02'54"W	51.15'
L3	N56°58'43"W	29.60'



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.

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



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

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,210 Cu. Yds.
(New Construction Only)	
Remaining Location	= 27,560 Cu. Yds.
TOTAL CUT	= 29,770 CU.YDS.
FILL	= 7,490 CU.YDS.

EXCESS MATERIAL	= 22,280 Cu. Yds.
Topsoil & Pit Backfill	= 3,530 Cu. Yds.
(1/2 Pit Vol.)	
EXCESS UNBALANCE	= 18,750 Cu. Yds.
(After Interim Rehabilitation)	

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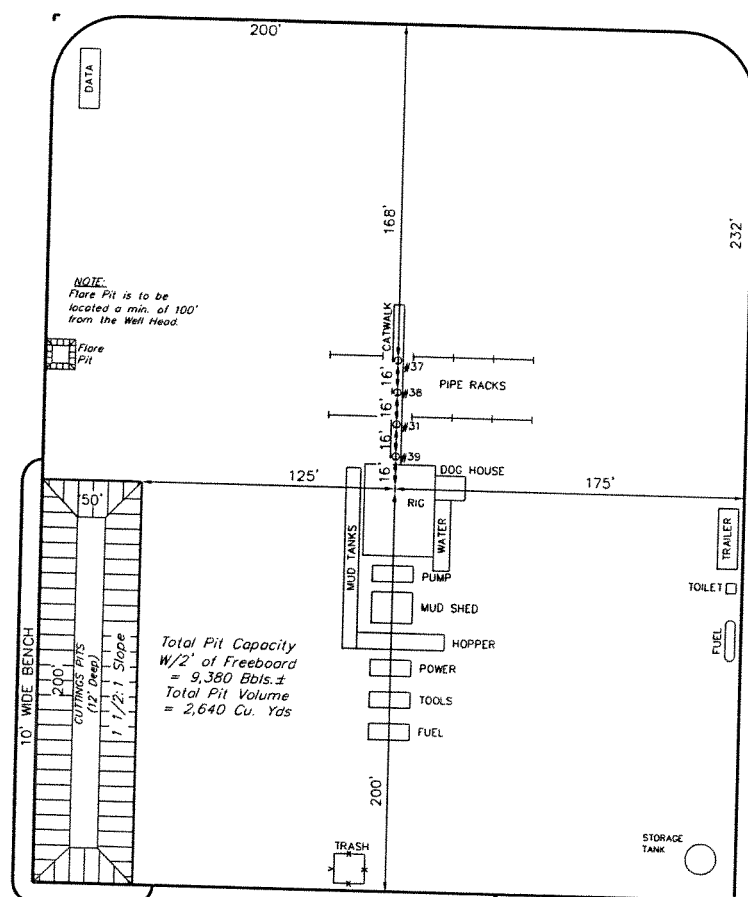
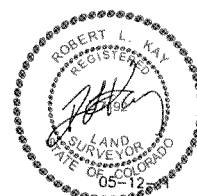
SCALE: 1" = 60'
DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.

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



Proposed
Access Road

Existing Road

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.



SCALE

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.)

Set Marked Stone
Lat: 40.949542
Long: 108.296603

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)

MOUNTAIN FUEL SUPPLY CO.
INDUSTRIAL
PERMIT #35880-F-
DEPTH TO GW 812'

Lot 6

Proposed
Access Road

Existing
Road

Lot 5

BLM
Lands

County
Road #4

S172°50'W - 800.68'
(To County Rd. #4)

N87°16'27"E - 2.1 Miles
(To Property Line)

T12N
T11N

N00°05'44"W - 2618.14' (Meas.)

Set Marked Stone,
Pile of Stones,
Steel Post,
Lat: 40.942372
Long: 108.287022

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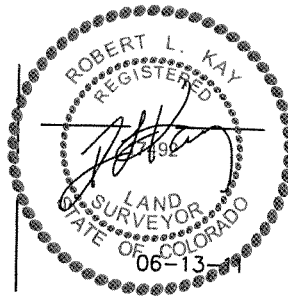
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BOTTOM HOLE DRAWING FOR

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

FIGURE #5

E 1/4 Cor. Sec. 33
Set Marked Stone
Lat: 40.956792
Long: 108.287108



33



SCALE
DATE: 03-09-10
DRAWN BY: K.G.
REVISED: 05-04-10
REVISED: 08-06-10
REVISED: 03-08-11 S.L.
REVISED: 04-20-11 S.L.
REVISED: 06-13-11 S.L.

BOTTOM HOLE
CARL ALLEN #37

N89°53'35"E - 2642.90' (Meas.)

Set Marked Stone
Lat: 40.949542
Long: 108.296603

BOTTOM HOLE
B.W. MUSSER #38

Lot 7

Lot 6

BOTTOM HOLE
B.W. MUSSER #39

BOTTOM HOLE
B.W. MUSSER #31

5/8" Rebar, Pile of
Stones, Replaced
Rebar, w/ 3/4" Rebar
& 2" Alum. Cap
Lat: 40.949556
Long: 108.287039

N00°24'54"W - 2637.04' (Meas.)

T12N
T11N

N00°05'44"W - 2618.14' (Meas.)

Set Marked Stone,
Pile of Stones,
Steel Post,
Lat: 40.942372
Long: 108.287022

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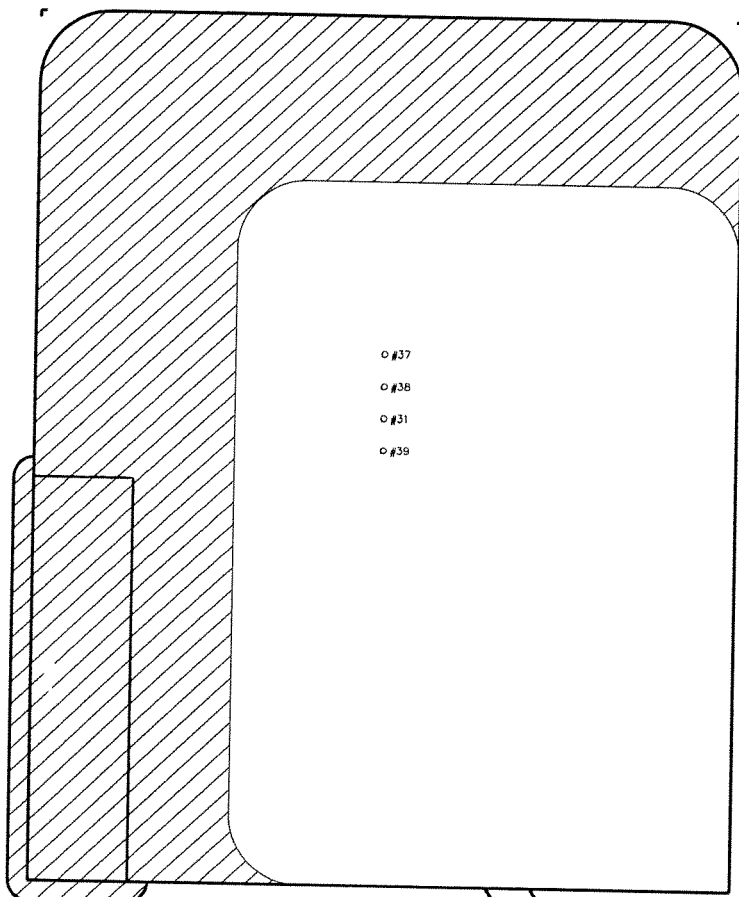


SCALE: 1" = 50'
DATE: 08-06-10
DRAWN BY: K.G.
REVISED: 04-20-11 S.L.

WEXPRO COMPANY
RECLAMATION DIAGRAM FOR

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

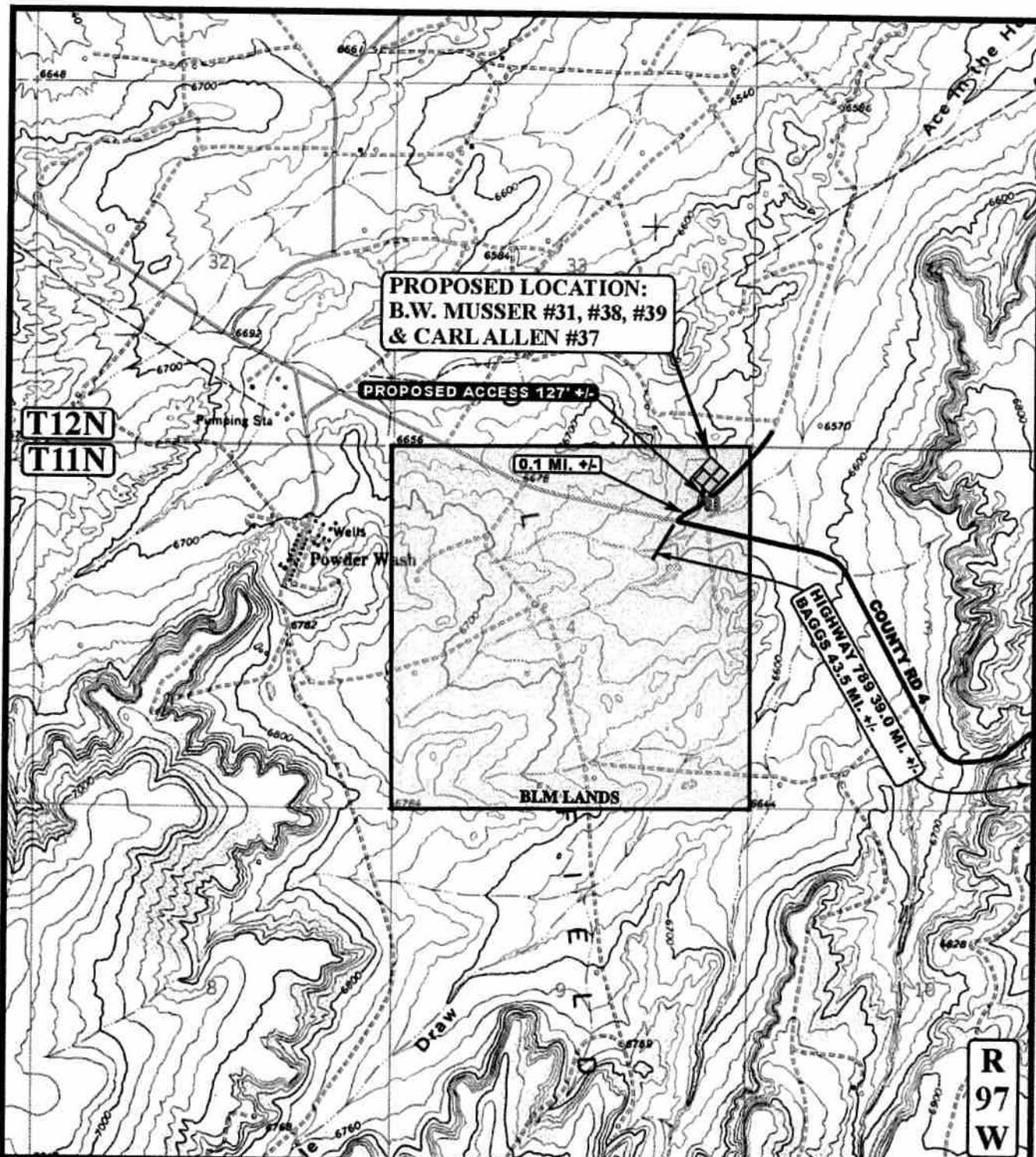
FIGURE #6



APPROXIMATE ACREAGES
UN-RECLAIMED = ±1.991 ACRES

RECLAIMED AREA

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LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED



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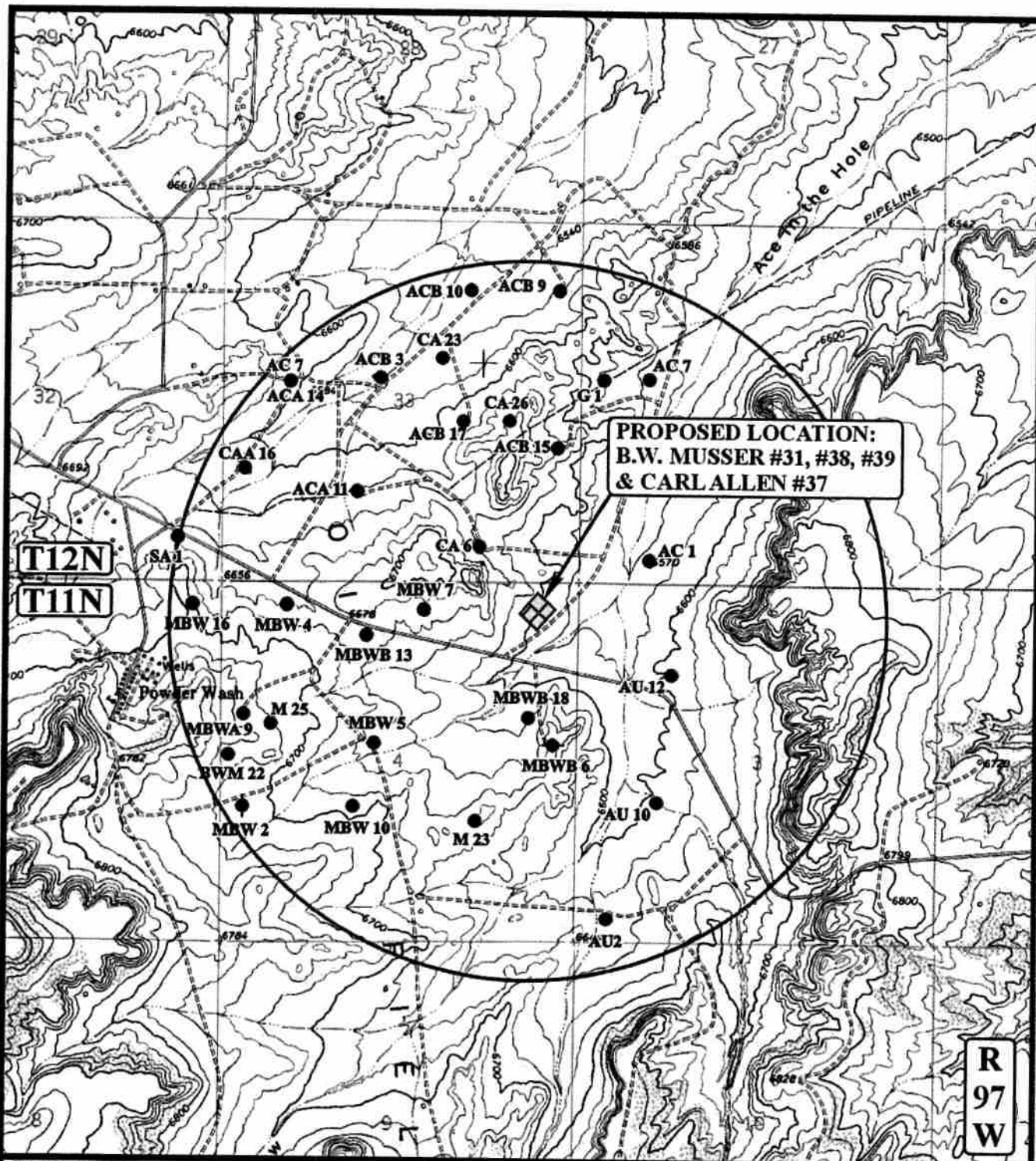


WEXPRO COMPANY

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

TOPOGRAPHIC MAP
 SCALE: 1" = 2000' DRAWN BY: J.L. REVISED: 03-09-11

B
TOPO



LEGEND:

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

U E I S **Utah Engineering & Land Surveying**
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WEXPRO COMPANY

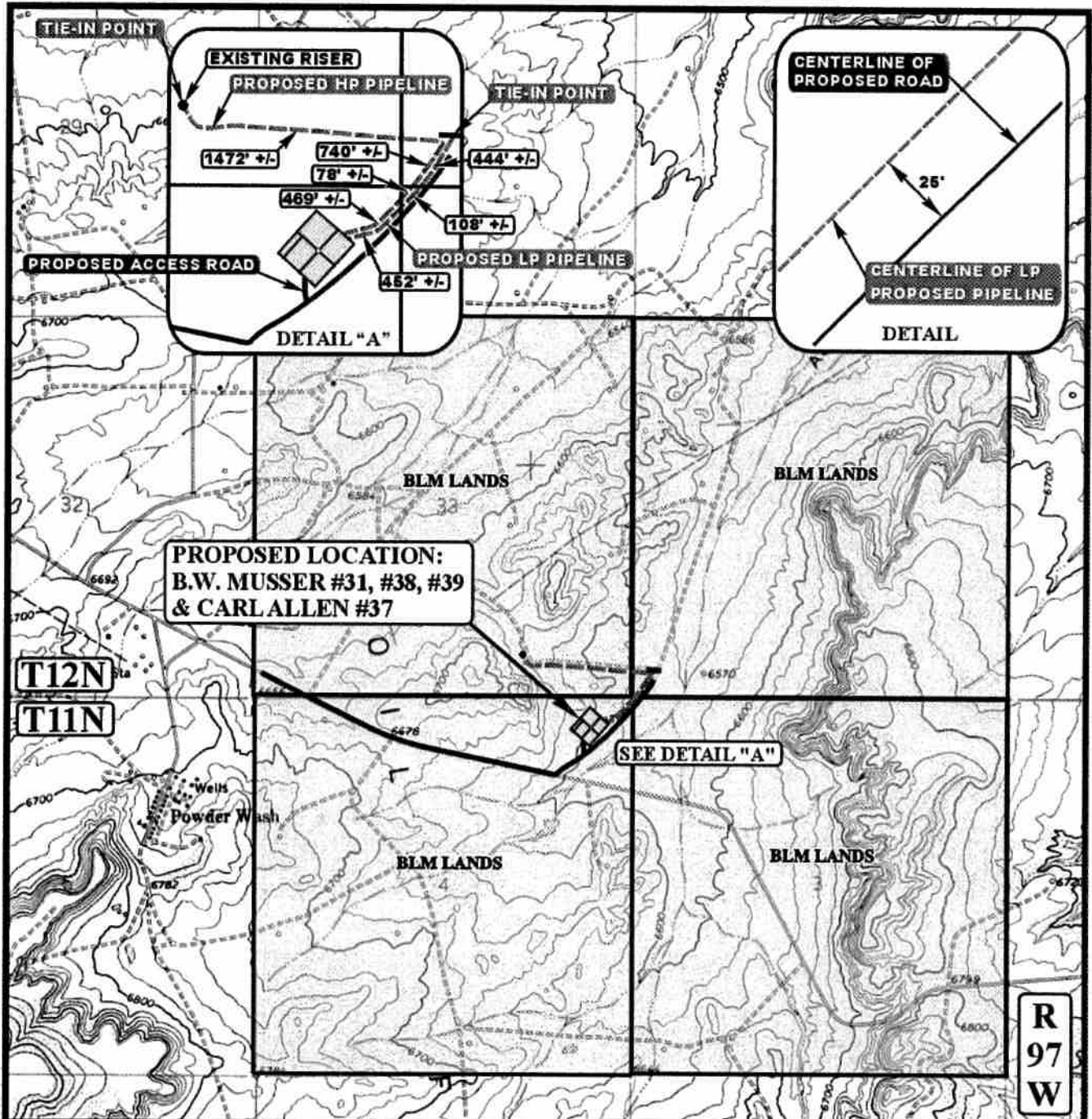
B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
LOT 5

TOPOGRAPHIC MAP

SCALE: 1" = 2000' **DRAWN BY: J.J.** **REVISED: 03-09-11**

MONTH DAY YEAR **07 23 08**

C TOPO



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

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

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

QEP FIELD SERVICES COMPANY

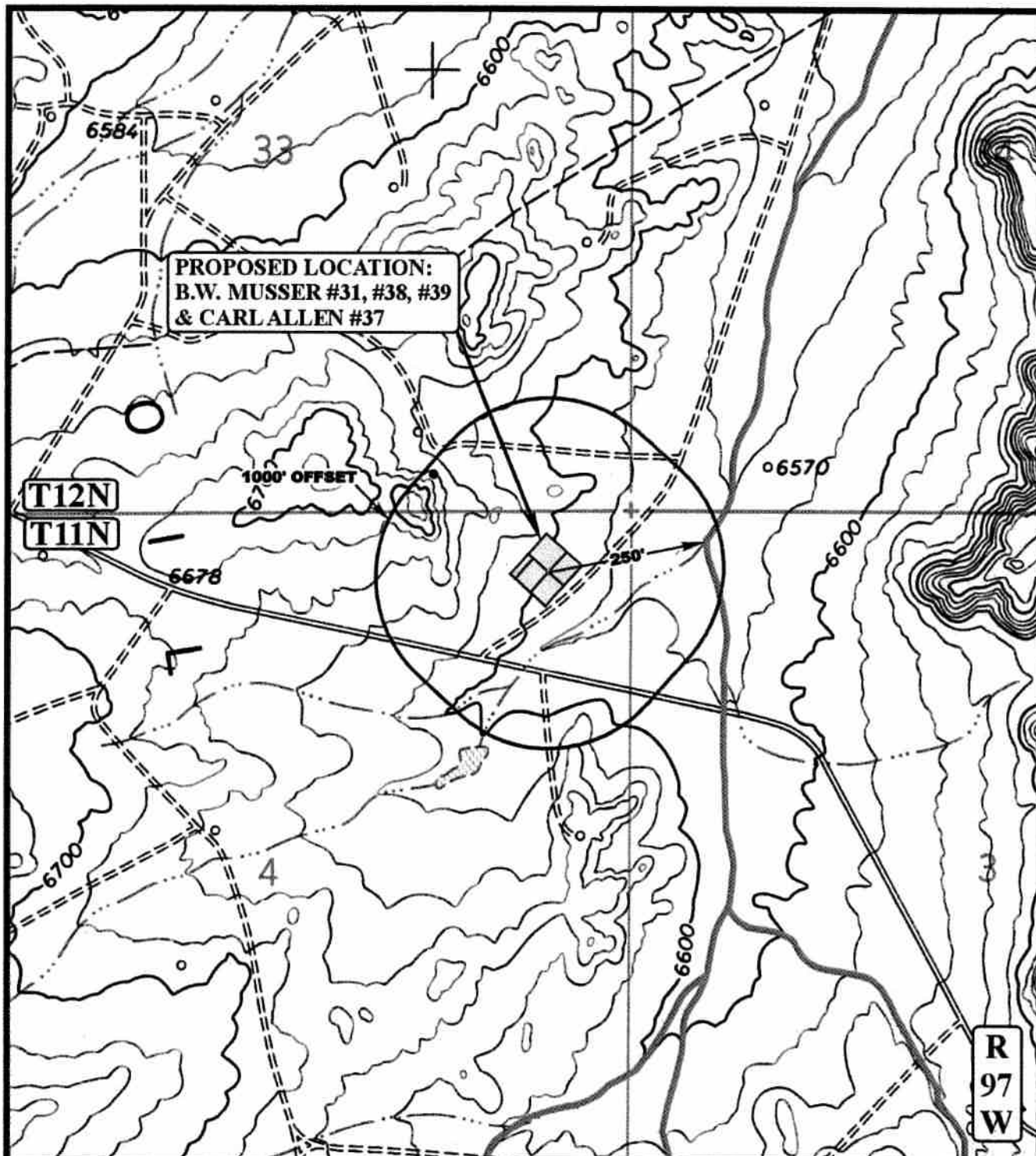
B.W. MUSSER #31, #38, #39 & CARL ALLEN #37
SECTION 4, T11N, R97W, 6th P.M.
LOT 5

U&LS
Utah Engineering & Land Surveying
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TOPOGRAPHIC
MAP
SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 03-09-11

D
TOPO



LEGEND:

————— EXISTING DRAINAGE
 - - - - - 1000' OFFSET BOUNDARY

WEXPRO COMPANY

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

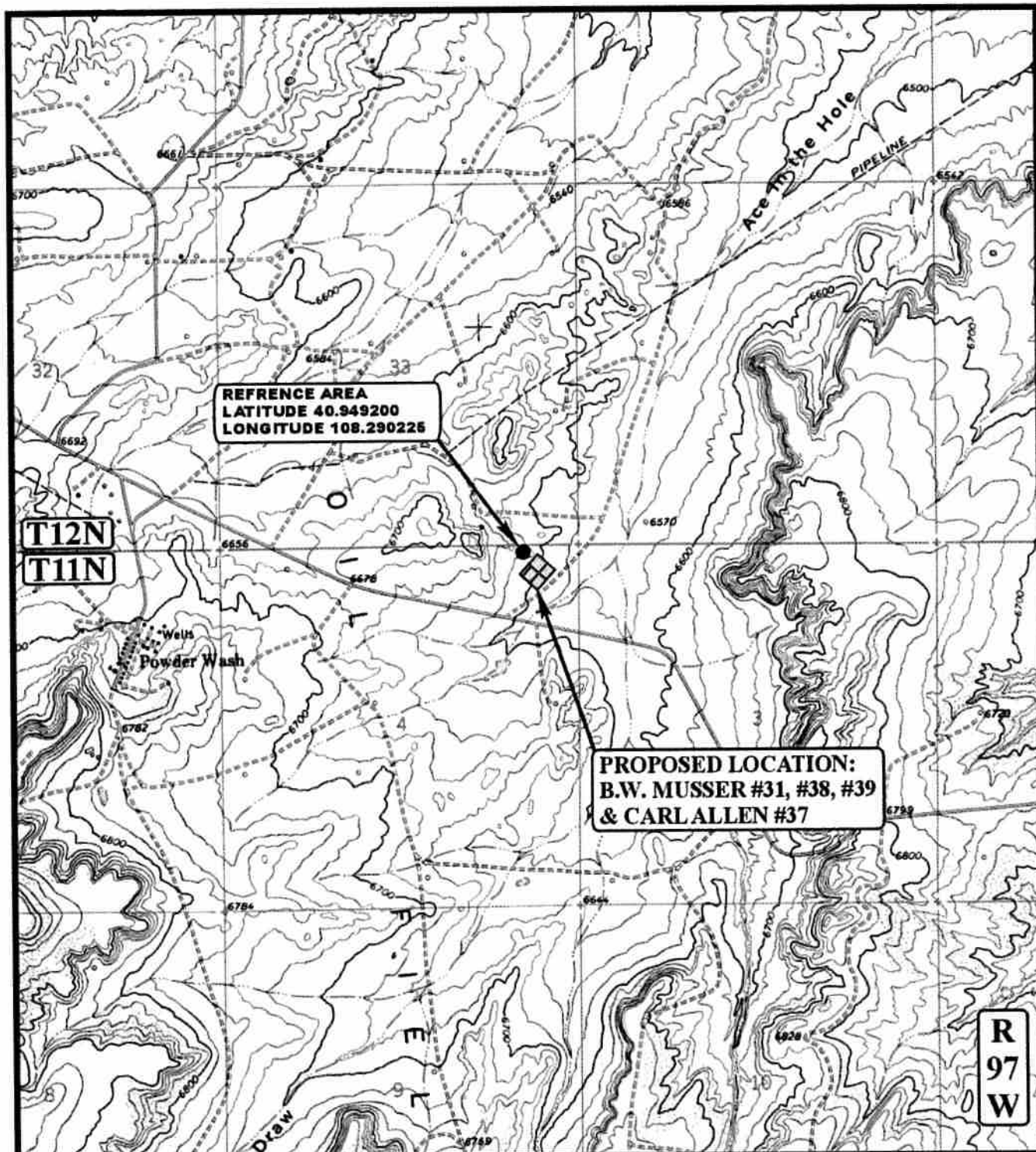
U E L S Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
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HYDROLOGY MAP

12 10 09
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.H. REVISED: 03-09-11

W
TOPO



LEGEND:

WEXPRO COMPANY



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



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REFERENCE AREA
MAP

12 10 09
MONTH DAY YEAR

SCALE: 1" = 2000' **DRAWN BY: J.H.** **REV: 03-09-11 J.J.**

REF
TOPO