

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.
UTU-76281

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
na

7. UNIT AGREEMENT NAME
na

8. FARM OR LEASE NAME
na

9. WELL NO.
Rock House 12-31-10-23

10. FIELD OR LEASE NAME
Natural Buttes

11. Sec., T., R., M., OR BLK
AND SURVEY OR AREA
Sec. 31, T10S, R23E

12. COUNTY OR PARISH | 13. STATE
Uintah | Utah

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 B. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
The Houston Exploration Company

3. ADDRESS OF OPERATORS
1100 Louisiana Suite 2000 Houston, TX 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)
 at surface **1900' FSL & 460' FWL NWSW 638787X 39.903388**
 At proposed prod. Zone **same as above 4418086Y -109.376458**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
78.4 miles south of Vernal, UT

15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drig. Unit line, if any)
460'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1,500

19. PROPOSED DEPTH
8,015

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATION (SHOW WHETHER DF. RT, GR, etc.)
5676.1 GR

22. APPROX. DATE WORK WILL START
April. 15, 2005

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	36#	2000'	779 sks
7 7/8"	4 1/2"	11.6#	T.D.	600 sks

The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.

**William A Ryan
290 S 800 E
Vernal, UT 84078
435-789-0968**

**RECEIVED
APR 12 2005**

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE William A. Ryan TITLE Agent DATE April 4 2005

(This space for Federal or State Office use)

PERMIT NO. 43-042036352 APPROVAL DATE _____

APPROVED BY [Signature] TITLE BRADLEY G. HILL DATE 04-18-05
 CONDITIONS OF APPROVAL, IF ANY: ENVIRONMENTAL SCIENTIST III

***See Instructions on Reverse Side**

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

*Federal Approval of this
Action is Necessary*

R
22
E

R
23
E

T10S, R23E, S.L.B.&M.

N89°02'49"W - 2589.03' (Meas.)

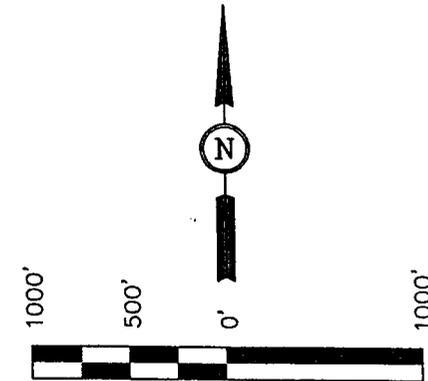
S89°22'W - 2633.40' (G.L.O.)

THE HOUSTON EXPLORATION COMPANY

Well location, ROCK HOUSE #12-31-10-23, located as shown in the NW 1/4 SW 1/4 (LOT 3) of Section 31, T10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE

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.

Robert J. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

N00°05'12"W - 5275.15' (Meas.)

N00°29'W - 2645.94' (G.L.O.)

N00°44'W - 2603.04' (G.L.O.)

T10S

T11S

1991 Alum. Cap, 1.0' High, Steel Post, Pile of Stones
S89°59'46"W - 2640.11' (Meas.)

S89°44'W - 2629.44' (G.L.O.)

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°54'12.13" (39.903369)

LONGITUDE = 109°22'38.04" (109.377233)

(AUTONOMOUS NAD 27)

LATITUDE = 39°54'12.25" (39.903403)

LONGITUDE = 109°22'35.60" (109.376556)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-23-05	DATE DRAWN: 02-24-05
PARTY B.B. J.M. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE THE HOUSTON EXPLORATION COMPANY	

The proposed surface pipeline will begin at the well site; follow the road southerly; and tie-into another proposed pipeline from Well Pad 14-31.

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. **Location and Type of Water Supply:**

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
<u>T10S-R23E</u>	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural

Enduring Resources, LLC
Rock house 10-23-13-31
NW-SW 31-10S-23E (Bottom Hole Location)
NW-SW 31-10S-23E (Surface Hole Location)
Uintah County, Utah
Federal Lease: UTU-76281

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	1066
Wasatch	3816
Mesaverde	5744

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5736'	
Oil / Gas	Green River	1066
Oil /Gas	Wasatch	3816
Oil /Gas	Mesaverde	5744
	Estimated TD	8305

A 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8305' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
8305' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.47(d)	7780/1.96 (e)	223/2.69(f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂.+0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	1700	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	149	25	11.0	3.3
4-1/2"	Tail	4889	50/50 POZ Class G + 2% gel + 1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	892	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Drilling Fluids (mud) Program:

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-8305' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

- Dual Induction – SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML
TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,319 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,492 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days - Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

9. Variances:

None anticipated

10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.



PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

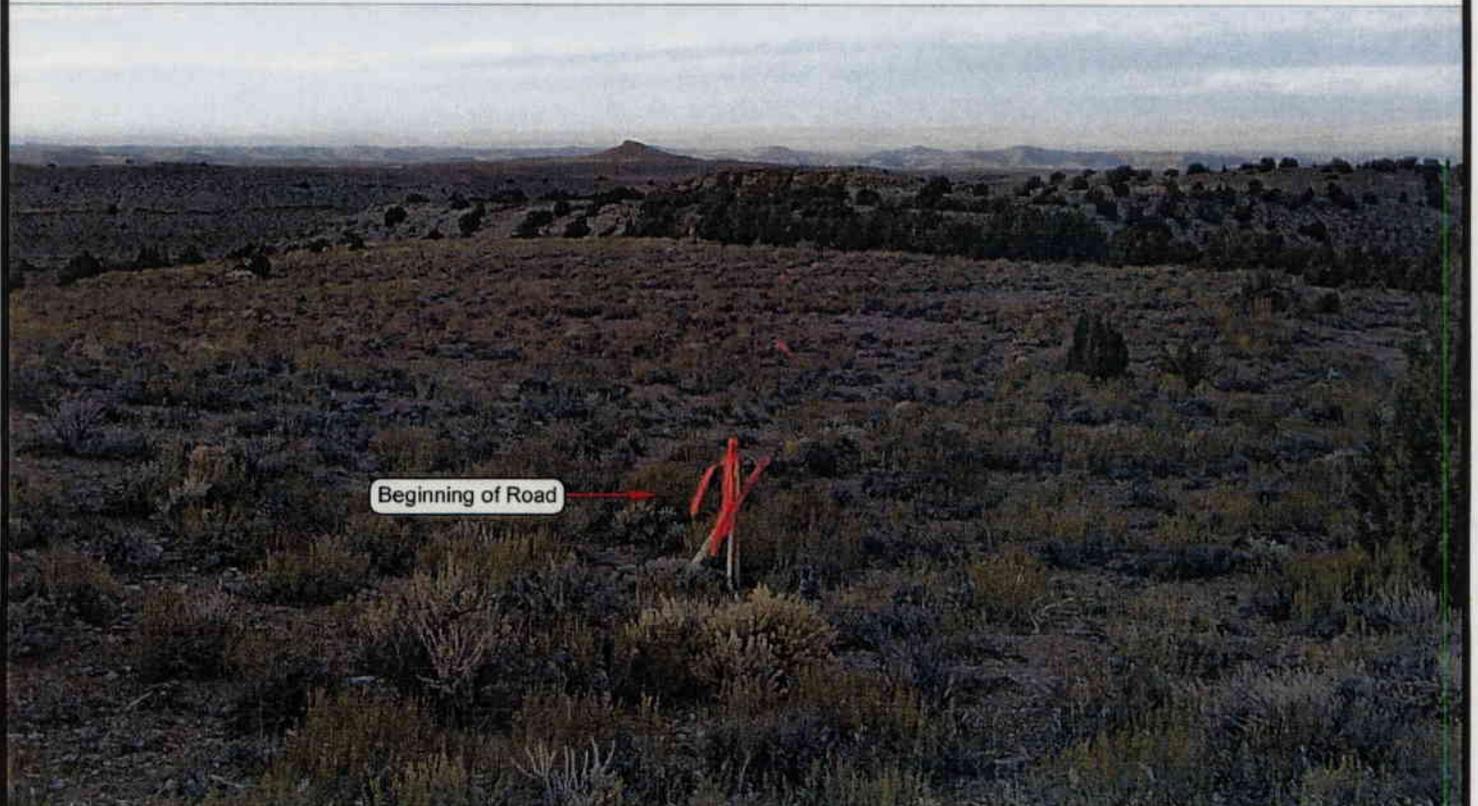


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHWESTERLY

ENDURING RESOURCES

**Rock House 10-23-13-31
& Rock House 10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL**

LOCATION PHOTOS

TAKEN BY: K.R.K.

DRAWN BY: B.J.Z.

DATE TAKEN: 11-07-05

DATE DRAWN: 11-23-05

REVISED:

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET

1

OF 11

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36

BOTTOM HOLE FOOTAGES

ROCK HOUSE 10-23-13-31
1976' FSL & 655' FWL

ROCK HOUSE 10-22-43-36
1979' FSL & 662' FEL

SURFACE POSITION FOOTAGES:

ROCK HOUSE 10-23-13-31
1842' FSL & 142' FWL

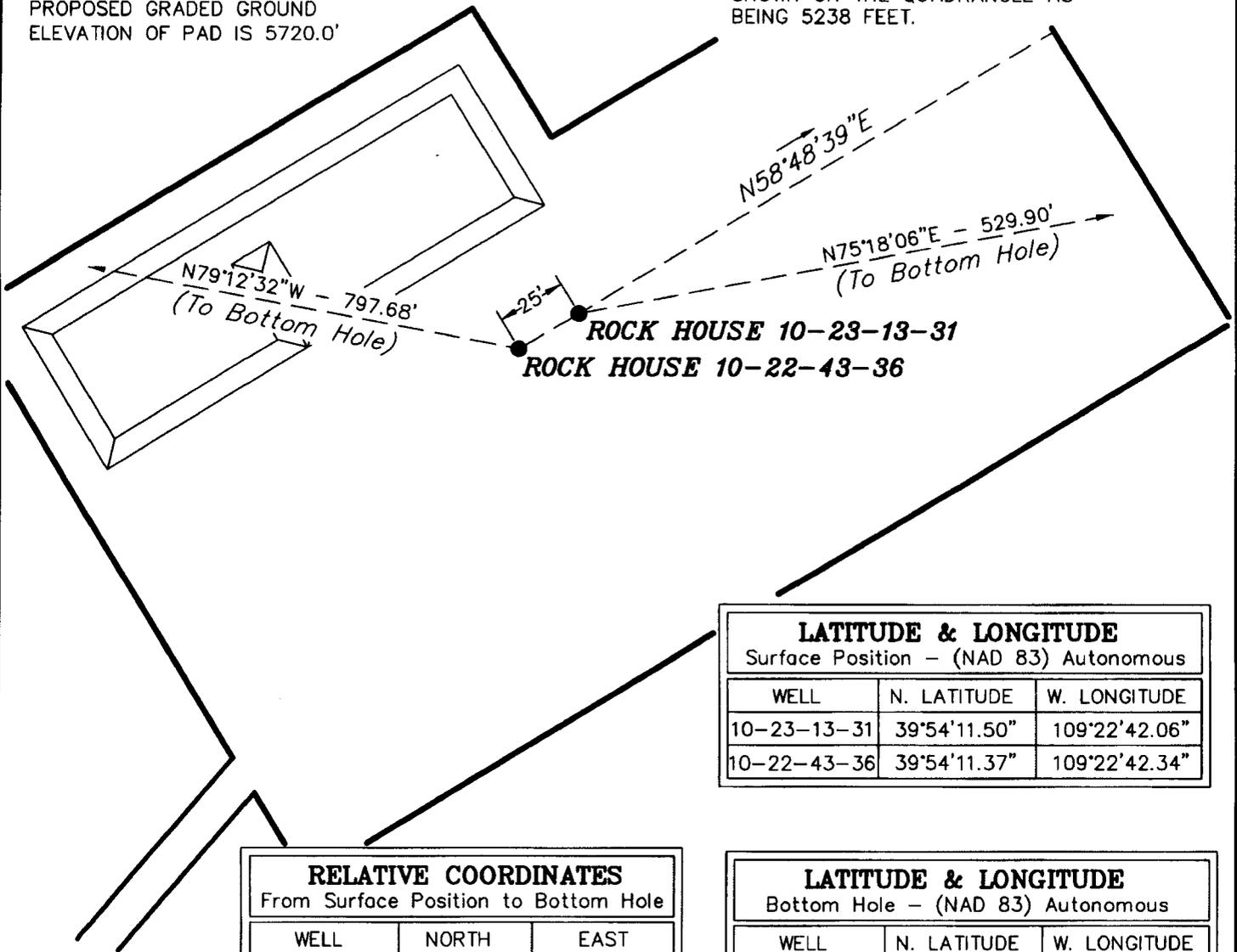
ROCK HOUSE 10-22-43-36
1829' FSL & 121' FWL

BASIS OF BEARINGS IS THE WEST LINE OF SECTION 31, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°05'07"W.

BASIS OF ELEVATION IS THE TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE 7.5 MINUTE QUADRANGLE. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE QUADRANGLE AS BEING 5238 FEET.



PROPOSED GRADED GROUND
ELEVATION OF PAD IS 5720.0'



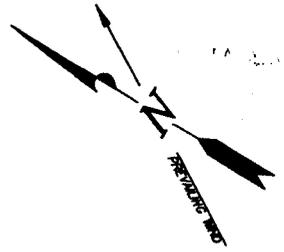
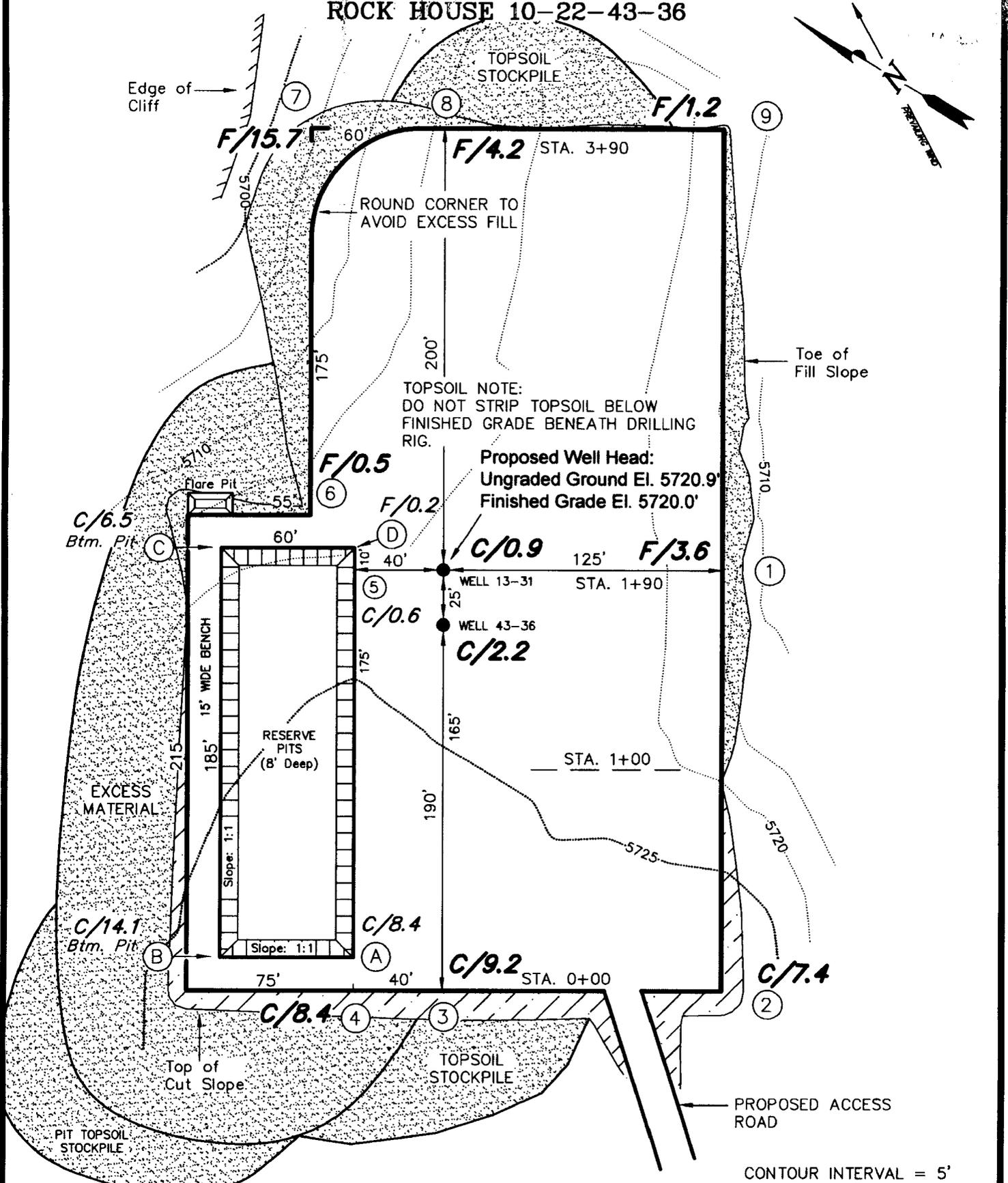
LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
10-23-13-31	39°54'11.50"	109°22'42.06"
10-22-43-36	39°54'11.37"	109°22'42.34"

RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
10-23-13-31	134'	513'
10-22-43-36	149'	-784'

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
10-23-13-31	39°54'12.83"	109°22'35.49"
10-22-43-36	39°54'12.85"	109°22'52.39"

ENDURING RESOURCES

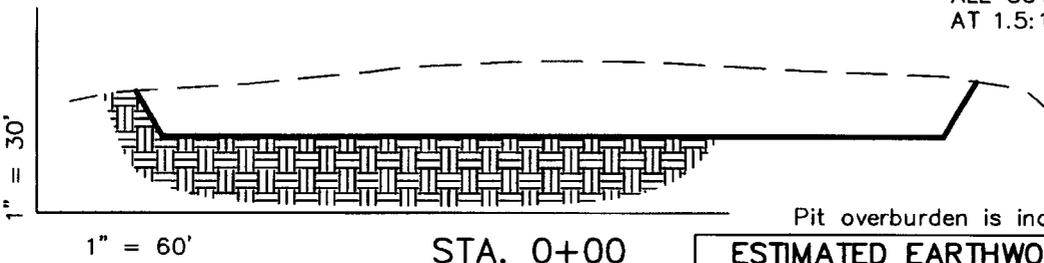
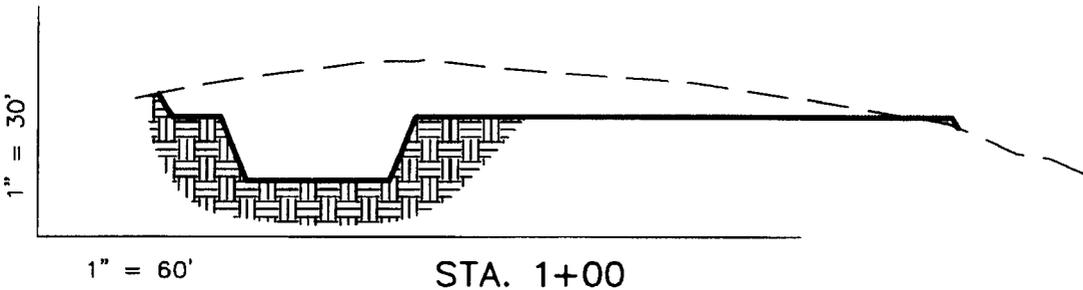
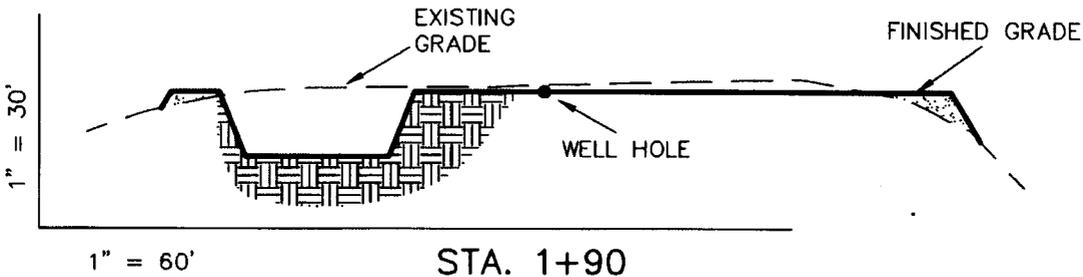
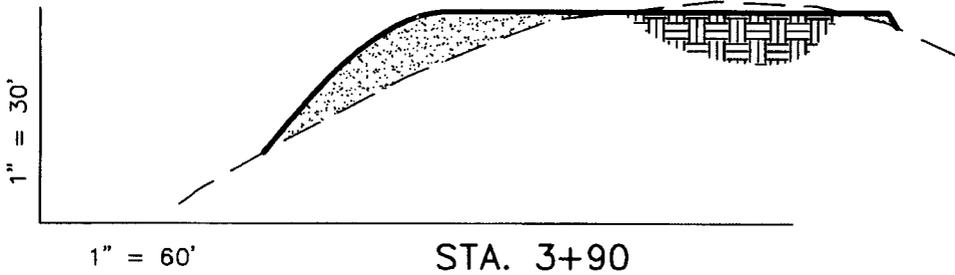
**CUT SHEET - ROCK HOUSE 10-23-13-31 &
ROCK HOUSE 10-22-43-36**



Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 4 OF 11

ENDURING RESOURCES

CROSS SECTIONS - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES
(No shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,870	4,450	Topsoil is not included in Pad Cut	3,420
PIT	2,730	0		2,730
TOTALS	10,600	4,450	1,560	6,150

Excess Material after Pit Rehabilitation = 4,780 Cu. Yds.

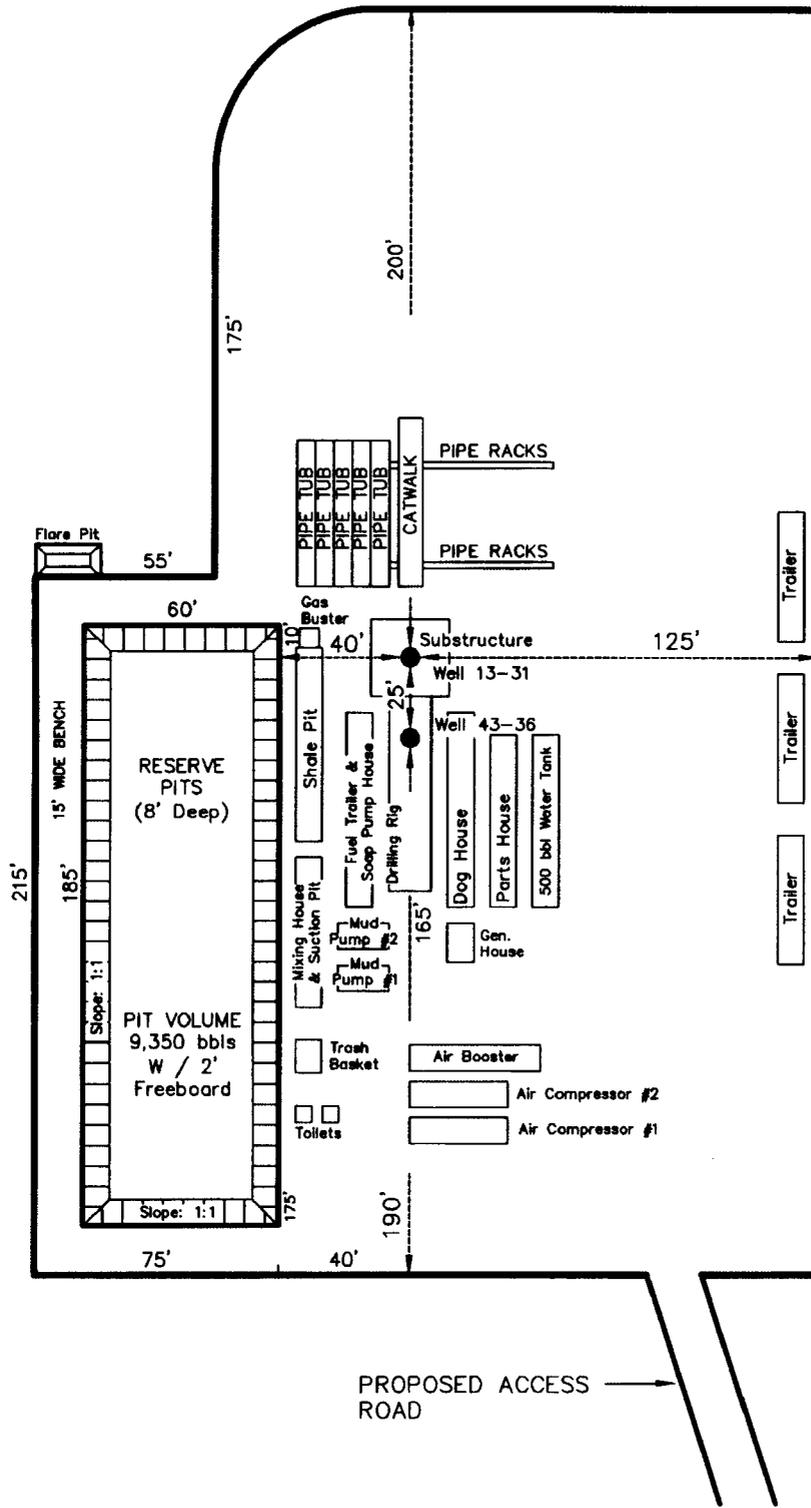
REFERENCE POINTS

253' NORTHERLY = 5712.1'
299' NORTHERLY = 5707.6'

Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	

ENDURING RESOURCES

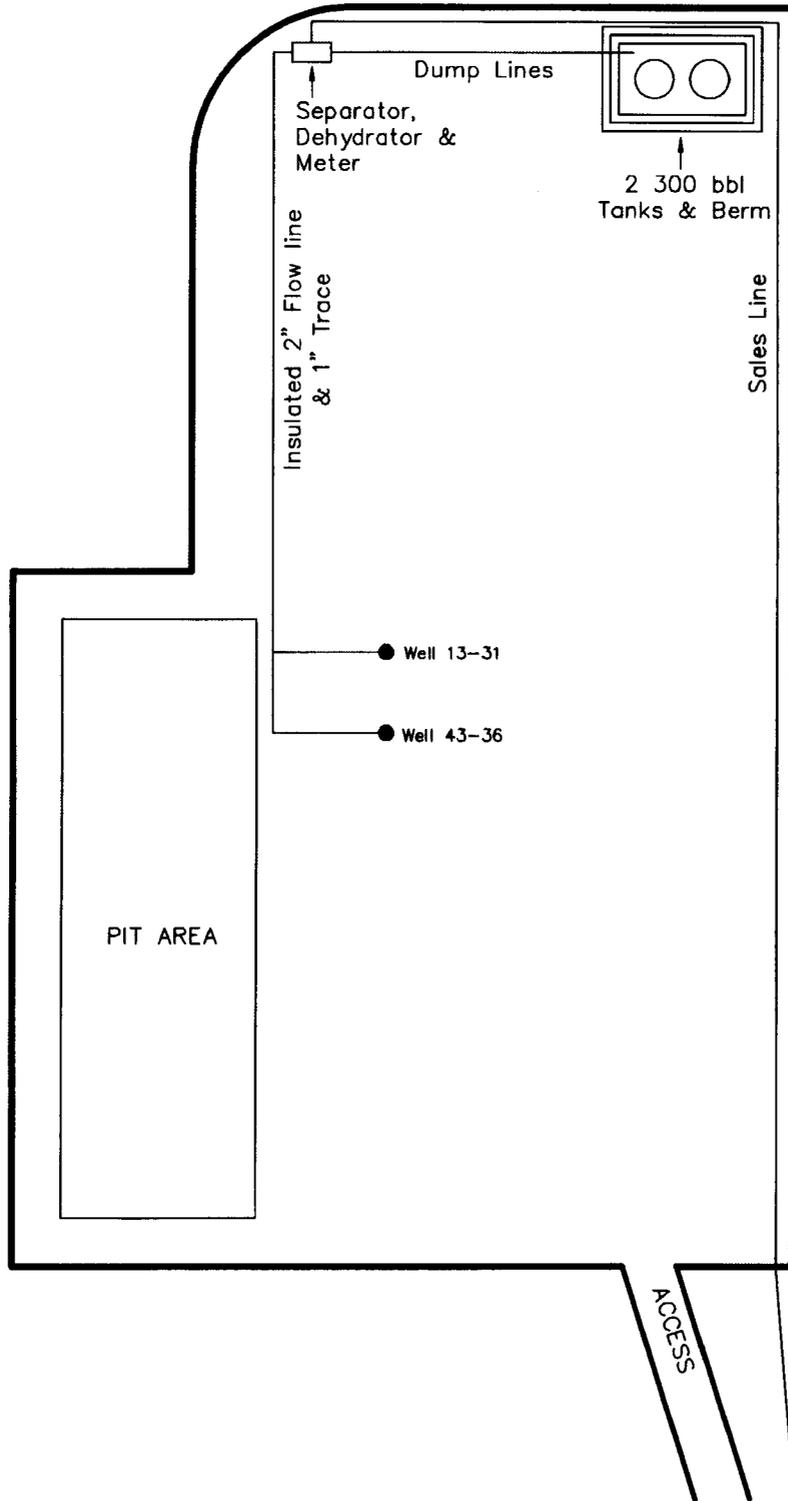
TYPICAL RIG LAYOUT - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 6 OF 11

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 10-23-13-31 &
ROCK HOUSE 10-22-43-36



Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 7 OF 11



**Proposed Well Location:
Asphalt Wash 10-23-13-31**

See Topo "B"

LEGEND

- = PROPOSED WELL LOCATION
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- - - = PROPOSED ACCESS ROAD
- B-5460 = COUNTY ROAD CLASS & NUMBER

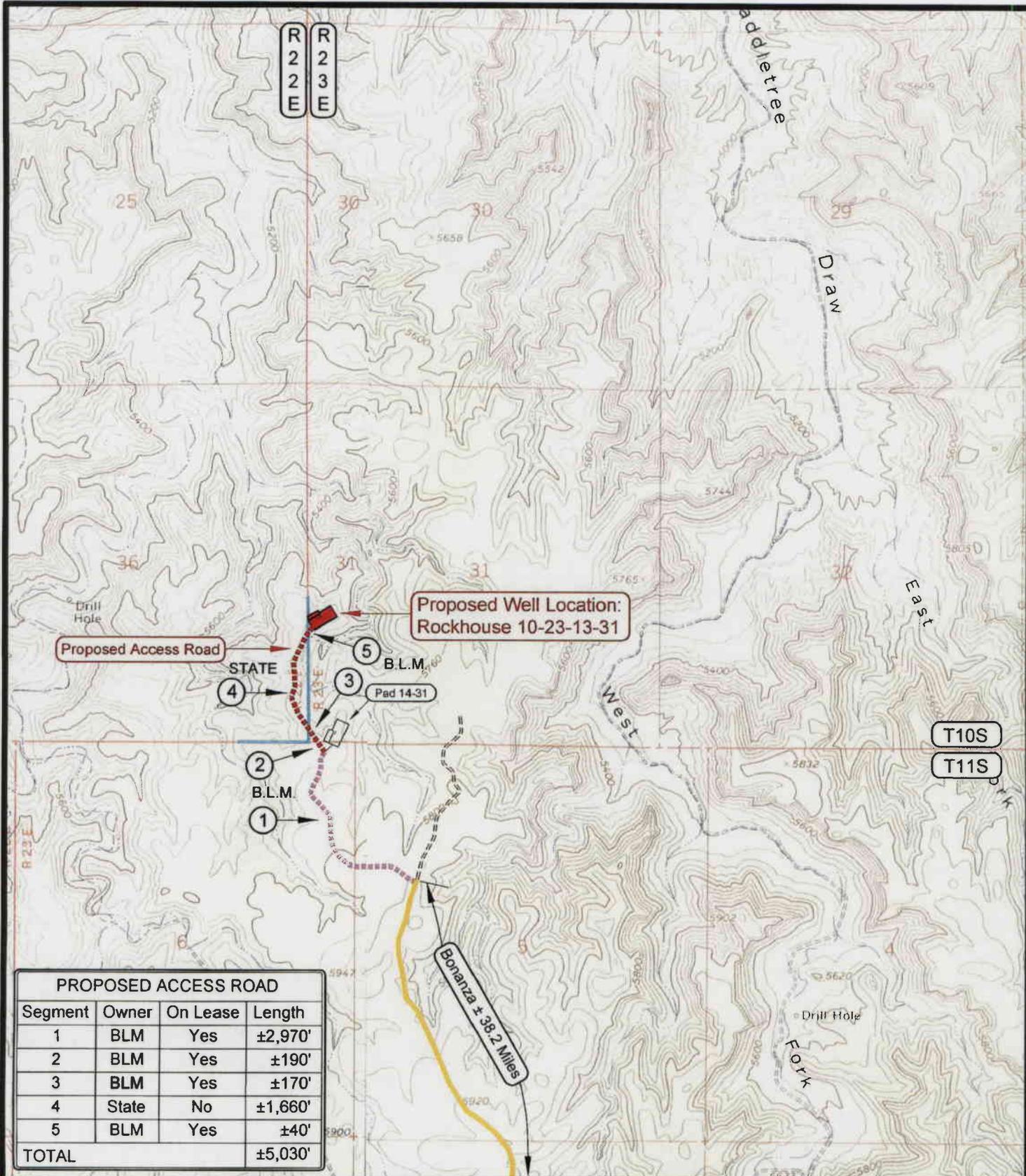
ENDURING RESOURCES

**Rock House 10-23-13-31 & Rock House 10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL**

TOPOGRAPHIC MAP "A"		DATE SURVEYED: 11-07-05
SCALE: 1"=10,000'	DRAWN BY: B.J.Z.	DATE DRAWN: 11-22-05
		REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

**SHEET
8
OF 11**



**Proposed Well Location:
Rockhouse 10-23-13-31**

Proposed Access Road

STATE

④

⑤ B.L.M.

③ Pad 14-31

② B.L.M.

①

T10S

T11S

Bonanza ± 38.2 Miles

PROPOSED ACCESS ROAD			
Segment	Owner	On Lease	Length
1	BLM	Yes	±2,970'
2	BLM	Yes	±190'
3	BLM	Yes	±170'
4	State	No	±1,660'
5	BLM	Yes	±40'
TOTAL			±5,030'

LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = SHARED ACCESS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE



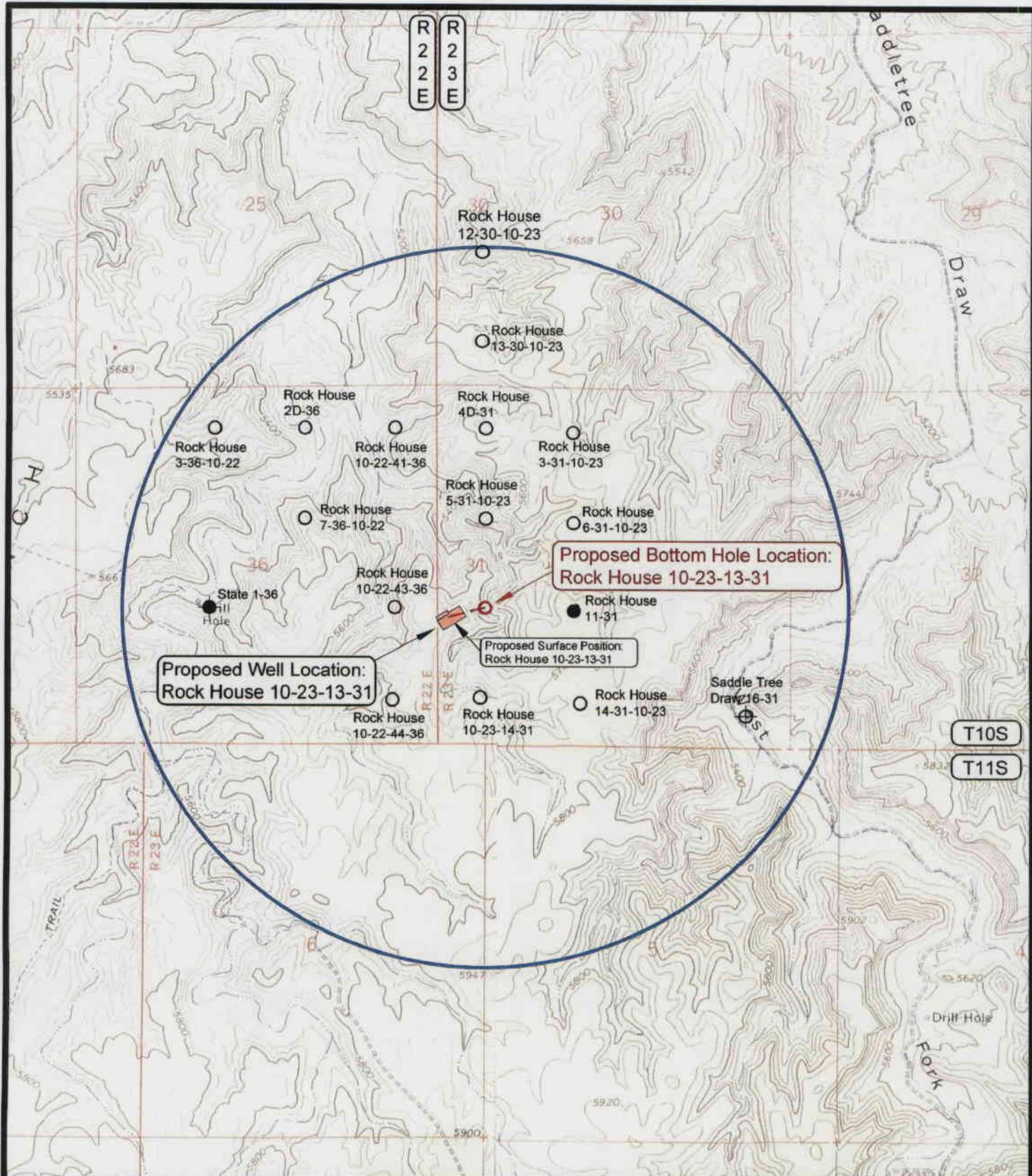
ENDURING RESOURCES

**Rock House 10-23-13-31 & Rock House
10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL**

TOPOGRAPHIC MAP "B"		DATE SURVEYED: 11-07-05
SCALE: 1" = 2000'	DRAWN BY: B.J.Z.	DATE DRAWN: 11-22-05
		REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

**SHEET
9
OF 11**



LEGEND

- ⊘ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊘ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊘ = ABANDONED LOCATION

ENDURING RESOURCES

Rock House 10-23-13-31
SECTION 31, T10S, R23E, S.L.B.&M.
Bottom Hole: 1976' FSL & 665' FWL

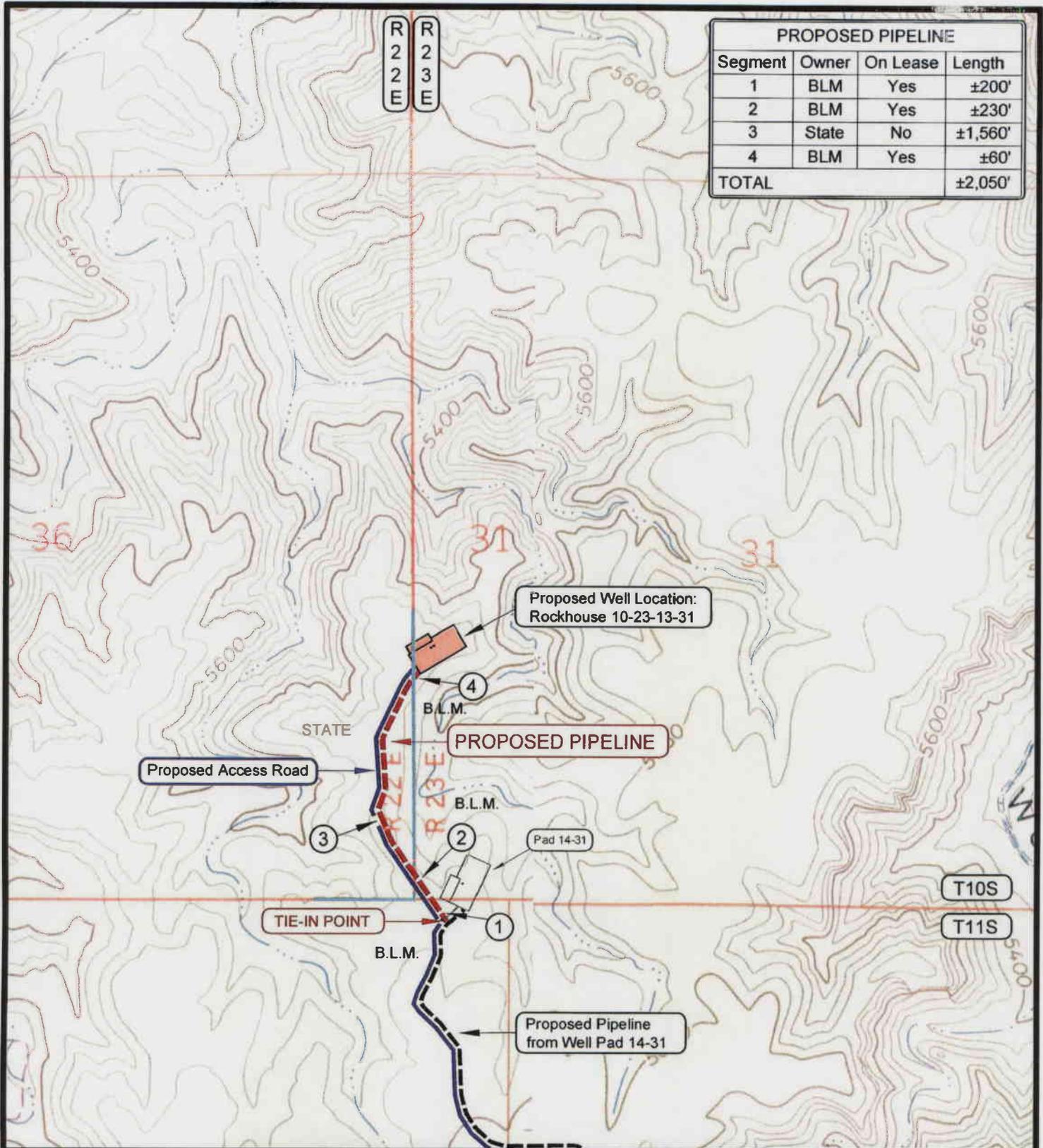
TOPOGRAPHIC MAP "C"		DATE SURVEYED: 11-07-05
SCALE: 1" = 2000'		DATE DRAWN: 11-22-05
DRAWN BY: B.J.Z.	REVISED:	



Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
10a
OF 11

PROPOSED PIPELINE			
Segment	Owner	On Lease	Length
1	BLM	Yes	±200'
2	BLM	Yes	±230'
3	State	No	±1,560'
4	BLM	Yes	±60'
TOTAL			±2,050'



APPROXIMATE PIPELINE LENGTH = 2,050 FEET

LEGEND

- = OTHER PIPELINE
- = PROPOSED PIPELINE
- = PROPOSED ACCESS ROAD
- = LEASE LINE AND / OR PROPERTY LINE

ENDURING RESOURCES

**Rock House 10-23-13-31 & Rock House
10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL**

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 11-07-05

DATE DRAWN: 11-23-05

SCALE: 1" = 1000'

DRAWN BY: BJZ.

REVISED:

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET

11

OF 11

Enduring Resources, LLC

Rock House 10-23-13-31

Surface Location: NW-SW 31-10S-23E

Federal Lease: UTU-76281

Bottom Hole Location: NW-SW 30-10S-23E

Federal Lease: UTU-76281

Uintah County, Utah

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Rock house 10-23-13-31

From the intersection of U.S. Highway 40 and 500 East Street in Vernal, Utah proceed in an easterly then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45; exit right and proceed in a southerly direction along State Highway 45 approximately 40.5 miles to the junction of the Dragon Road (County B Road 4180). This road is located approximately 4.8 miles south of Bonanza, Utah. Exit left and proceed in a southeasterly direction along County B Road 4180 approximately 4.0 miles to the junction of the Kings Wells road (County B Road 4190). Exit right and proceed in a southwesterly direction County B Road 4190 approximately 8.7 miles to the junction of the Atchee Ridge Road (County B Road 4270). Continue along County B Road 4190 in a southwesterly direction approximately 4.3 miles to the junction of Long Draw Road (County B Road 4260). Continue along County B Road 4190 in a southerly, then westerly direction approximately 4.0 miles to the junction of County B Road 4160. Exit right and proceed in a northerly direction along County B Road 4160 approximately 0.58 miles to the junction of the Bitter Creek Road (County B Road 4120). Exit left and proceed in a westerly direction along County B Road 4120 approximately 1.9 miles to the junction of County B Road 4230. Exit right and proceed in a northerly direction along County B Road 4230 approximately 0.9 miles to the junction of the Atchee Wash Road (County B road 4240). Exit right and proceed in a northerly direction along county B Road 4240 approximately 2.7 miles to a Class D County Road. Exit left and proceed in a northwesterly direction approximately 1.4 miles to the Saddletree Draw Road (County B Road 4230); exit right and proceed in a northerly direction along County B Road 4230 approximately 2.1 miles to a Class D county Road; exit left and proceed in a southwesterly direction along the County D road approximately 1.7 miles to a second Class D County Road. Exit right and proceed in a northerly direction along the second Class D Road approximately 1.5 miles to the proposed access for the Rock house 10-23-14-31 well. Follow road flags in a northwesterly direction approximately 2,970 feet to the proposed access road. Follow road flags in a northwesterly direction approximately 2,060 feet to the proposed location.

2. Planned Access Roads:

The proposed access road will be approximately 5,030 feet of new construction (see chart below for on-lease and offlease).

Segment	LEASE	Owner	Surface	Length
1 & 2	UTU-76912	BLM	OFF-LEASE	3160'
3	UTU-76281	BLM	ON-LEASE	170'
4	N/A	SITLA	OFF-LEASE	1660'
5	UTU-76281	BLM	ON-LEASE	40'

Access will be using a Count Road Class D into section 5 then on to 5,030 feet of access road (shared access and subject well).

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

- a. None: Water Wells:
- b. None: Injection Wells:
- c. (1): Producing Wells:
 - i. Rock House 11-31 NESW Sec 31-10S-23E
- d. None: Drilling Wells:
- e. None: Shut-in Wells:
- f. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. (1): Abandoned Wells:
 - i. State 1-36 NESW Sec 36-10S-22E
- i. None: Dry Holes:
- j. None: Observation Wells:
- k. (14): Pending (staked) Wells:
 - i. Enduring has fourteen other wells staked in this section.

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be designated by DOG&M and SITLA. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline:	ON-LEASE	290'	BLM
	OFF-LEASE	1,561'	SITLA
	OFF-LEASE	60'	BLM

If this well is capable of economic production, a 4" (or less) steel surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 2,050 feet of surface gas gathering

The proposed surface pipeline will begin at the well site; follow the road southerly; and tie-into another proposed pipeline from Well Pad 14-31.

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
<u>T10S-R23E</u>	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment

Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well is burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit **and** that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

Indian Rice Grass 4#/s/acre
Crested Wheat Grass 4#/s/acre
Needle and Thread 4#/s/acre

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Bureau of Land Management
Access: Bureau of Land Management, SITLA
Pipeline: Bureau of Land Management, SITLA

12. Other Information**On-site Inspection for Location, Access and Pipeline Route:**

The on-site was conducted February 9, 2006.

Attending were:

1. Doug Hammond, Enduring Resources, LLC
2. Melissa Hawk, Vernal BLM Field Office
3. Amy Torres, Vernal BLM Field Office
4. Mike Stewart, Ponderosa Construction
5. Colby Kay, Timberline Surveying

Special Conditions of Approval:

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Surface Gathering Pipeline shall be 4" or less

Archeology:

- a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

- a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

13, Lessee's or Operator's Representatives:**Representatives:**

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461
aarlian@enduringresources.com

Teme Singleton
Drilling Engineer
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5711
Fax Tel: 303-573-0461
tsingleton@enduringresources.com

All lease and /or unit operation will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operation, and any applicable Notice to Lessees. The operator is fully responsible for the action of his/her/its sub contractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator of his/her/its contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Enduring Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Please be advised that Enduring Resources, LLC is considered to be the operator of the Rock House 10-23-13-31 Well; NW/4SW/4 (BHL) Section 31, Township 10 South, Range 23 East; Lease #:76281 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Statewide Oil & Gas Lease Bond No. UTB000173 and State of Utah, Division of Oil, Gas & Mining Surety bond No. RLB0008031

ENDURING RESOURCES, LLC

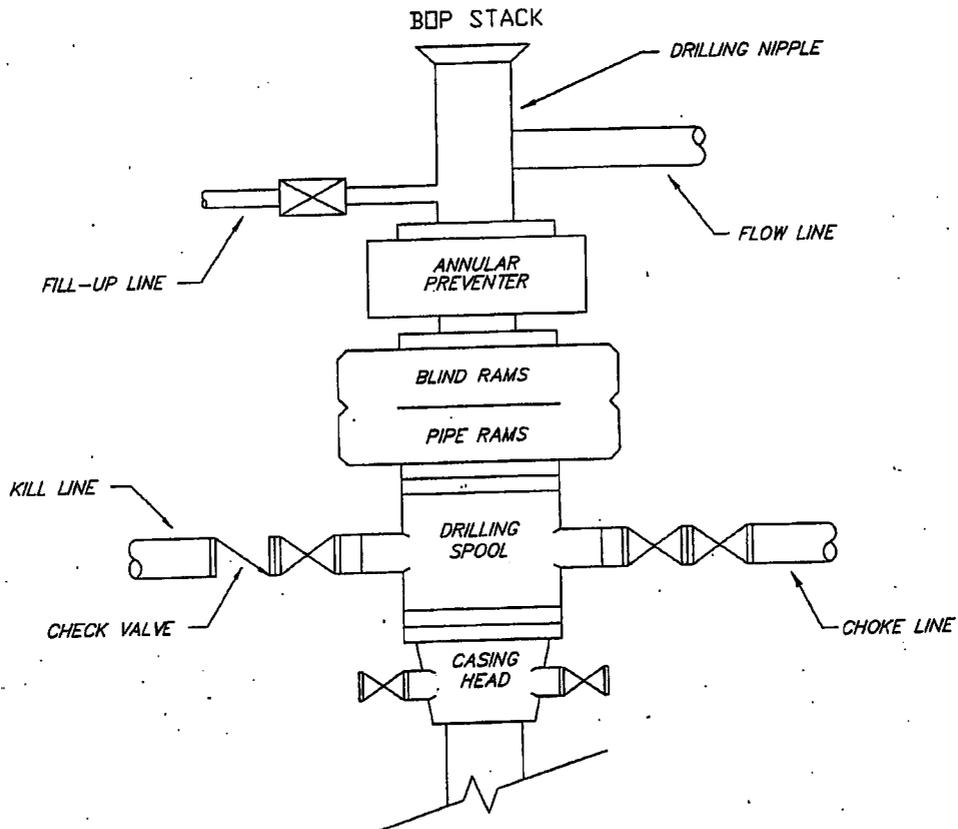


Alvin R. (Al) Arlian,
Landman – Regulatory Specialist

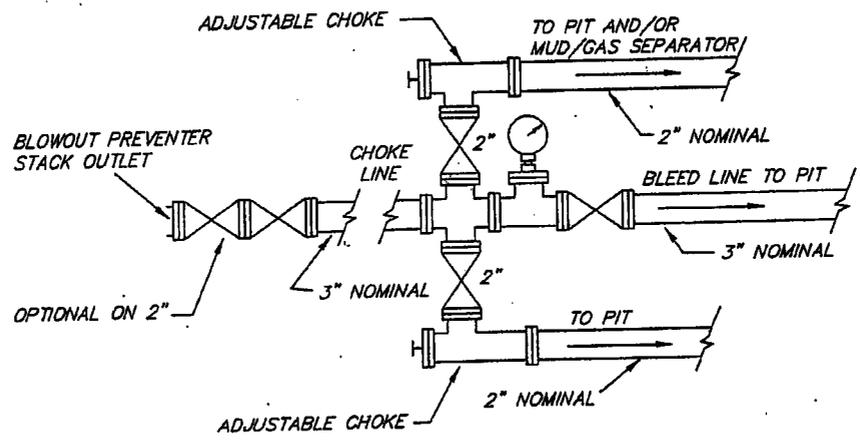
June 16, 2006

ENDURING RESOURCES, LLC

*TYPICAL 3,000 p.s.i.
BLOWOUT PREVENTER SCHEMATIC*



*TYPICAL 3,000 p.s.i.
CHOKE MANIFOLD SCHEMATIC*





ENDURING RESOURCES
Rock House 10-23-13-31
NW/SW Sec. 31, T10S, R23E
Uintah County, Utah



SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00		
2	2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	KOP	
3	2571.81	10.00	75.30	2569.28	11.04	42.07	2.00	75.30	43.49	End Build	
4	4872.91	10.00	75.30	4835.44	112.40	428.42	0.00	0.00	442.92	Start Drop	
5	5872.53	0.00	75.30	5830.00	134.47	512.56	1.00	180.00	529.90	End Drop	
6	8347.53	0.00	75.30	8305.00	134.47	512.56	0.00	75.30	529.90	TD	

FIELD DETAILS	
Uintah, Utah Utah Central Zone U.S.A.	
Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone Magnetic Model: igr2005	
System Datum: Mean Sea Level Local North: True North	

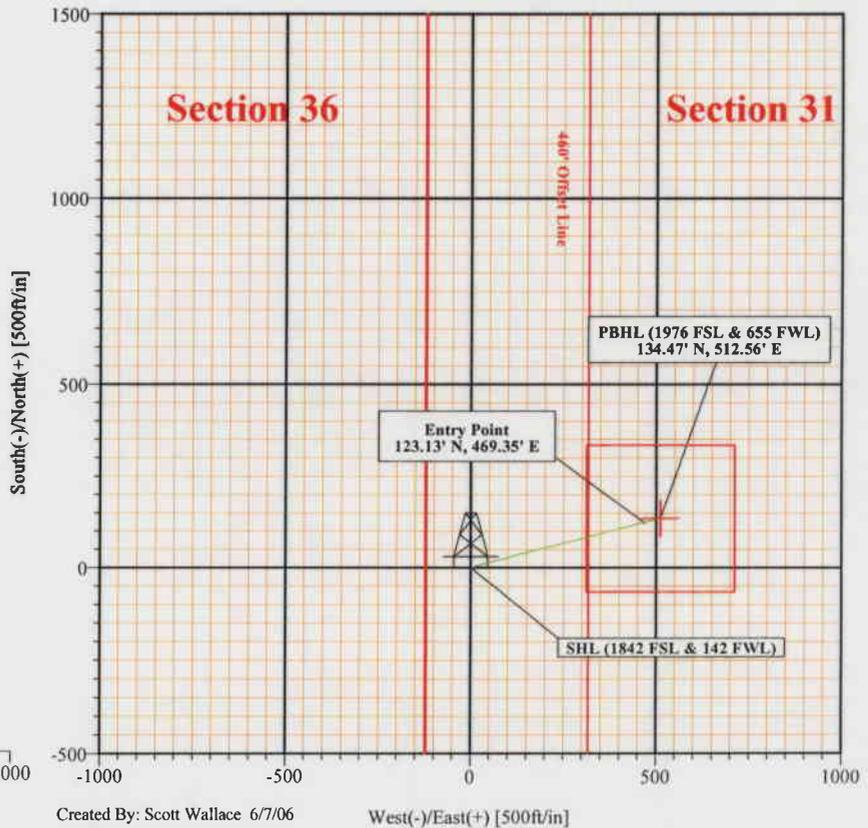
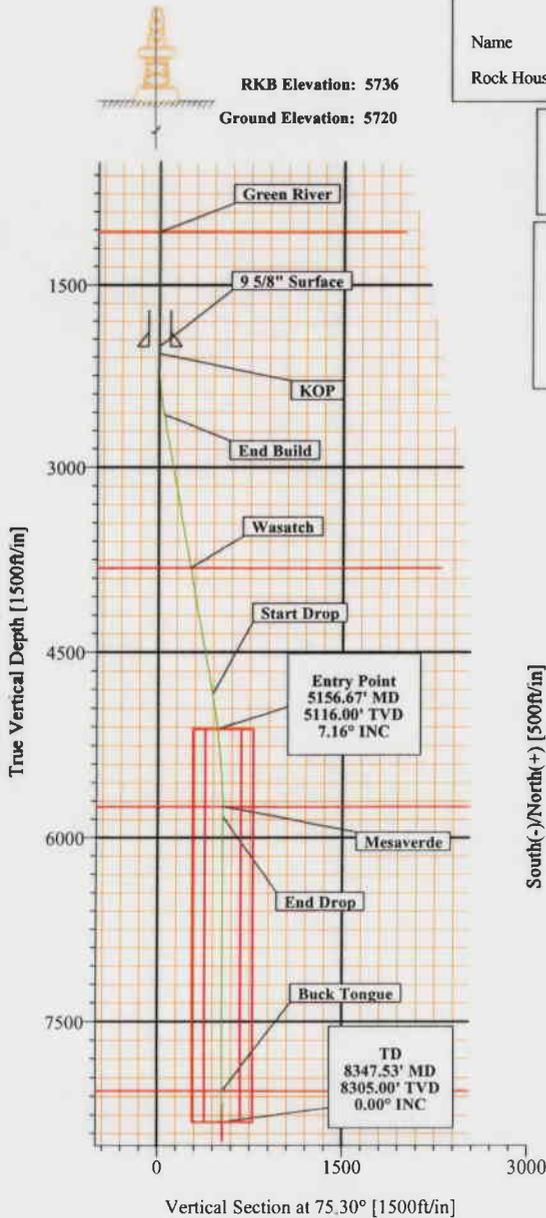
SITE DETAILS	
NW/SW 31-10S-23E Pad Sec. 31, T10S, R23E, Uintah County, Utah 1829 FSL & 121 FWL	
Site Centre Latitude: 39°54'11.370N Longitude: 109°22'42.340W	
Ground Level: 5720.00 Positional Uncertainty: 0.00 Convergence: 1.36	

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Rock House 10-23-13-31	13.00	20.98	7140535.36	2235551.07	39°54'11.498N	109°22'42.071W	N/A

TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	Shape	
10-23-13-31 Target	8305.00	134.47	512.56	Rectangle (400x400)	

CASING DETAILS					
No.	TVD	MD	Name	Size	
1	2012.00	2012.00	9 5/8" Surface	9.625	

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	1066.00	1066.00	Green River
2	3816.00	3837.75	Wasatch
3	5744.00	5786.52	Mesaverde
4	8056.00	8098.53	Buck Tongue



Created By: Scott Wallace 6/7/06

West(-)/East(+) [500ft/in]

Weatherford International Planning Report

Company: Weatherford Resources	Date: 6/7/2006	Well: Rock House 10-23-13-31	Page: 1
Map: Utah	Coordinates: 39 54 11.370 N 109 22 42.340 W	Well: Rock House 10-23-13-31	True North
Site: NW/SE 31-10S-23E Pad	Vertical: 5736.00	Section (VS): Reference	Well: 0.00 N 0.00 E (75.30 Az)
Well: Rock House 10-23-13-31	Plan:	Plan:	

Field: Uintah, Utah
Utah Central Zone
U.S.A.

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: NW/SW 31-10S-23E Pad
Sec. 31, T10S, R23E, Uintah County, Utah
1829 FSL & 121 FWL

Site Position: Northing: 7140521.87 ft Latitude: 39 54 11.370 N
From: Geographic Easting: 2235530.41 ft Longitude: 109 22 42.340 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5720.00 ft Grid Convergence: 1.36 deg

Well: Rock House 10-23-13-31 **Slot Name:**

Well Position: +N/-S 13.00 ft Northing: 7140535.36 ft Latitude: 39 54 11.498 N
+E/-W 20.98 ft Easting: 2235551.07 ft Longitude: 109 22 42.071 W
Position Uncertainty: 0.00 ft

Wellpath: 1 **Drilled From:** Surface

Current Datum: SITE Height 5736.00 ft **Tie-on Depth:** 0.00 ft

Magnetic Data: 6/7/2006 **Above System Datum:** Mean Sea Level

Field Strength: 52850 nT **Declination:** 11.65 deg

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

ft	ft	ft	deg
8305.00	0.00	0.00	75.30

Plan: Plan #1 **Date Composed:** 6/7/2006

Principal: Yes **Version:** 1
Tied-to: From Surface

Plan Section Information

MD	Incl	Azim	TVD	+N/S	+E/W	VS	D/S	Build	Turn	TFO	Direct
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2571.81	10.00	75.30	2569.28	11.04	42.07	2.00	2.00	0.00	0.00	75.30	
4872.91	10.00	75.30	4835.44	112.40	428.42	0.00	0.00	0.00	0.00	0.00	
5872.53	0.00	75.30	5830.00	134.47	512.56	1.00	-1.00	0.00	0.00	180.00	
8347.53	0.00	75.30	8305.00	134.47	512.56	0.00	0.00	0.00	0.00	75.30	10-23-13-31 Target

Section 1 : Start Hold

MD	Incl	Azim	TVD	+N/S	+E/W	VS	D/S	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	75.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
2012.00	0.00	75.30	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30

Section 2 : Start Build 2.00

MD	Incl	Azim	TVD	+N/S	+E/W	VS	D/S	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
2100.00	0.56	75.30	2100.00	0.03	0.13	0.14	2.00	2.00	0.00	0.00
2200.00	2.56	75.30	2199.96	0.73	2.77	2.86	2.00	2.00	0.00	0.00
2300.00	4.56	75.30	2299.76	2.30	8.77	9.07	2.00	2.00	0.00	0.00
2400.00	6.56	75.30	2399.28	4.76	18.14	18.76	2.00	2.00	0.00	0.00
2500.00	8.56	75.30	2498.41	8.10	30.87	31.91	2.00	2.00	0.00	0.00
2571.81	10.00	75.30	2569.28	11.04	42.07	43.49	2.00	2.00	0.00	0.00

Weatherford International Planning Report

Company:	Enduro Resources	Date:	14/19/12	Page:	2
Location:	Utah, Utah	Geographic Reference:	Well: Rock House 10-23-19-31	Orientation:	True North
Site:	NW/4SW/31-10S-23E- Pad	Version:	5/38.0		
Well:	Rock House 10-23-19-31	Section:	(WS) Reference	Well:	(0.00N:0.00E:75.30Az)
Wellpath:		Plan:		Part:	

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	D/S deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2600.00	10.00	75.30	2597.04	12.28	46.80	48.38	0.00	0.00	0.00	0.00
2700.00	10.00	75.30	2695.52	16.68	63.59	65.74	0.00	0.00	0.00	0.00
2800.00	10.00	75.30	2794.00	21.09	80.38	83.10	0.00	0.00	0.00	0.00
2900.00	10.00	75.30	2892.49	25.49	97.17	100.46	0.00	0.00	0.00	0.00
3000.00	10.00	75.30	2990.97	29.90	113.96	117.82	0.00	0.00	0.00	0.00
3100.00	10.00	75.30	3089.45	34.30	130.75	135.17	0.00	0.00	0.00	0.00
3200.00	10.00	75.30	3187.93	38.71	147.54	152.53	0.00	0.00	0.00	0.00
3300.00	10.00	75.30	3286.41	43.11	164.33	169.89	0.00	0.00	0.00	0.00
3400.00	10.00	75.30	3384.90	47.52	181.12	187.25	0.00	0.00	0.00	0.00
3500.00	10.00	75.30	3483.38	51.92	197.91	204.61	0.00	0.00	0.00	0.00
3600.00	10.00	75.30	3581.86	56.33	214.70	221.97	0.00	0.00	0.00	0.00
3700.00	10.00	75.30	3680.34	60.73	231.49	239.32	0.00	0.00	0.00	0.00
3800.00	10.00	75.30	3778.82	65.14	248.28	256.68	0.00	0.00	0.00	0.00
3837.75	10.00	75.30	3816.00	66.80	254.62	263.24	0.00	0.00	0.00	0.00
3900.00	10.00	75.30	3877.31	69.54	265.07	274.04	0.00	0.00	0.00	0.00
4000.00	10.00	75.30	3975.79	73.95	281.86	291.40	0.00	0.00	0.00	0.00
4100.00	10.00	75.30	4074.27	78.35	298.65	308.76	0.00	0.00	0.00	0.00
4200.00	10.00	75.30	4172.75	82.75	315.44	326.12	0.00	0.00	0.00	0.00
4300.00	10.00	75.30	4271.23	87.16	332.23	343.47	0.00	0.00	0.00	0.00
4400.00	10.00	75.30	4369.71	91.56	349.02	360.83	0.00	0.00	0.00	0.00
4500.00	10.00	75.30	4468.20	95.97	365.81	378.19	0.00	0.00	0.00	0.00
4600.00	10.00	75.30	4566.68	100.37	382.60	395.55	0.00	0.00	0.00	0.00
4700.00	10.00	75.30	4665.16	104.78	399.39	412.91	0.00	0.00	0.00	0.00
4800.00	10.00	75.30	4763.64	109.18	416.18	430.27	0.00	0.00	0.00	0.00
4872.91	10.00	75.30	4835.44	112.40	428.42	442.92	0.00	0.00	0.00	0.00

Section 4 : Start Drop -1.00

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	D/S deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4900.00	9.73	75.30	4862.14	113.57	432.91	447.56	1.00	-1.00	0.00	180.00
5000.00	8.73	75.30	4960.84	117.64	448.42	463.59	1.00	-1.00	0.00	180.00
5100.00	7.73	75.30	5059.81	121.27	462.26	477.90	1.00	-1.00	0.00	180.00
5156.67	7.16	75.30	5116.00	123.13	469.35	485.24	1.00	-1.00	0.00	180.00
5200.00	6.73	75.30	5159.02	124.46	474.42	490.48	1.00	-1.00	0.00	-180.00
5300.00	5.73	75.30	5258.42	127.21	484.91	501.32	1.00	-1.00	0.00	180.00
5400.00	4.73	75.30	5358.01	129.53	493.72	510.43	1.00	-1.00	0.00	180.00
5500.00	3.73	75.30	5457.73	131.39	500.85	517.79	1.00	-1.00	0.00	180.00
5600.00	2.73	75.30	5557.58	132.82	506.29	523.42	1.00	-1.00	0.00	180.00
5700.00	1.73	75.30	5657.50	133.81	510.04	527.30	1.00	-1.00	0.00	180.00
5786.52	0.86	75.30	5744.00	134.30	511.93	529.25	1.00	-1.00	0.00	180.00
5800.00	0.73	75.30	5757.47	134.35	512.11	529.44	1.00	-1.00	0.00	-180.00
5872.53	0.00	75.30	5830.00	134.47	512.56	529.90	1.00	-1.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	D/S deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5900.00	0.00	75.30	5857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6000.00	0.00	75.30	5957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6100.00	0.00	75.30	6057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6200.00	0.00	75.30	6157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6300.00	0.00	75.30	6257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6400.00	0.00	75.30	6357.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6500.00	0.00	75.30	6457.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6600.00	0.00	75.30	6557.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6700.00	0.00	75.30	6657.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6800.00	0.00	75.30	6757.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6900.00	0.00	75.30	6857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7000.00	0.00	75.30	6957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7100.00	0.00	75.30	7057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7200.00	0.00	75.30	7157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7300.00	0.00	75.30	7257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7400.00	0.00	75.30	7357.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30

Weatherford International Planning Report

Company: Enbridge Resources	Date: 11/27/2013	Time: 14:18:42	Page: 3
State: Utah, Utah	Location: Well Rock House, 10-23-13-31, Trk. North		
Site: NWSW33-10S-23E Pad	Section: 5	Site: 5738-0	
Well: Rock House, 10-23-13-31	Station: WSR-Grange	Well: (0.00N, 0.00E, 75.30Az)	
Wellpath:	Plan:	Plan #:	

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	D.S. deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7500.00	0.00	75.30	7457.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7600.00	0.00	75.30	7557.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7700.00	0.00	75.30	7657.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7800.00	0.00	75.30	7757.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7900.00	0.00	75.30	7857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8000.00	0.00	75.30	7957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8098.53	0.00	75.30	8056.00	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8100.00	0.00	75.30	8057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8200.00	0.00	75.30	8157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8300.00	0.00	75.30	8257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8347.53	0.00	75.30	8305.00	134.47	512.56	529.90	0.00	0.00	0.00	75.30

Survey

MD	Incl	Azim	TVD	N/S	E/W	VS	D.S.	Build	Turn	Top/Comment
	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
2000.00	0.00	75.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	75.30	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	9 5/8" Surface
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	0.56	75.30	2100.00	0.03	0.13	0.14	2.00	2.00	0.00	MWD
2200.00	2.56	75.30	2199.96	0.73	2.77	2.86	2.00	2.00	0.00	MWD
2300.00	4.56	75.30	2299.76	2.30	8.77	9.07	2.00	2.00	0.00	MWD
2400.00	6.56	75.30	2399.28	4.76	18.14	18.76	2.00	2.00	0.00	MWD
2500.00	8.56	75.30	2498.41	8.10	30.87	31.91	2.00	2.00	0.00	MWD
2571.81	10.00	75.30	2569.28	11.04	42.07	43.49	2.00	2.00	0.00	End Build
2600.00	10.00	75.30	2597.04	12.28	46.80	48.38	0.00	0.00	0.00	MWD
2700.00	10.00	75.30	2695.52	16.68	63.59	65.74	0.00	0.00	0.00	MWD
2800.00	10.00	75.30	2794.00	21.09	80.38	83.10	0.00	0.00	0.00	MWD
2900.00	10.00	75.30	2892.49	25.49	97.17	100.46	0.00	0.00	0.00	MWD
3000.00	10.00	75.30	2990.97	29.90	113.96	117.82	0.00	0.00	0.00	MWD
3100.00	10.00	75.30	3089.45	34.30	130.75	135.17	0.00	0.00	0.00	MWD
3200.00	10.00	75.30	3187.93	38.71	147.54	152.53	0.00	0.00	0.00	MWD
3300.00	10.00	75.30	3286.41	43.11	164.33	169.89	0.00	0.00	0.00	MWD
3400.00	10.00	75.30	3384.90	47.52	181.12	187.25	0.00	0.00	0.00	MWD
3500.00	10.00	75.30	3483.38	51.92	197.91	204.61	0.00	0.00	0.00	MWD
3600.00	10.00	75.30	3581.86	56.33	214.70	221.97	0.00	0.00	0.00	MWD
3700.00	10.00	75.30	3680.34	60.73	231.49	239.32	0.00	0.00	0.00	MWD
3800.00	10.00	75.30	3778.82	65.14	248.28	256.68	0.00	0.00	0.00	MWD
3837.75	10.00	75.30	3816.00	66.80	254.62	263.24	0.00	0.00	0.00	Wasatch
3900.00	10.00	75.30	3877.31	69.54	265.07	274.04	0.00	0.00	0.00	MWD
4000.00	10.00	75.30	3975.79	73.95	281.86	291.40	0.00	0.00	0.00	MWD
4100.00	10.00	75.30	4074.27	78.35	298.65	308.76	0.00	0.00	0.00	MWD
4200.00	10.00	75.30	4172.75	82.75	315.44	326.12	0.00	0.00	0.00	MWD
4300.00	10.00	75.30	4271.23	87.16	332.23	343.47	0.00	0.00	0.00	MWD
4400.00	10.00	75.30	4369.71	91.56	349.02	360.83	0.00	0.00	0.00	MWD
4500.00	10.00	75.30	4468.20	95.97	365.81	378.19	0.00	0.00	0.00	MWD
4600.00	10.00	75.30	4566.68	100.37	382.60	395.55	0.00	0.00	0.00	MWD
4700.00	10.00	75.30	4665.16	104.78	399.39	412.91	0.00	0.00	0.00	MWD
4800.00	10.00	75.30	4763.64	109.18	416.18	430.27	0.00	0.00	0.00	MWD
4872.91	10.00	75.30	4835.44	112.40	428.42	442.92	0.00	0.00	0.00	Start Drop
4900.00	9.73	75.30	4862.14	113.57	432.91	447.56	1.00	-1.00	0.00	MWD
5000.00	8.73	75.30	4960.84	117.64	448.42	463.59	1.00	-1.00	0.00	MWD
5100.00	7.73	75.30	5059.81	121.27	462.26	477.90	1.00	-1.00	0.00	MWD
5156.67	7.16	75.30	5116.00	123.13	469.35	485.24	1.00	-1.00	0.00	Entry Point
5200.00	6.73	75.30	5159.02	124.46	474.42	490.48	1.00	-1.00	0.00	MWD
5300.00	5.73	75.30	5258.42	127.21	484.91	501.32	1.00	-1.00	0.00	MWD

Weatherford International Planning Report

Company:	Enduring Resources	Date:	6/7/2006	Time:	14:19:42
Field:	Utah, Utah	Coordinate Reference:	Well: Rock House 10-23-13-31		
Site:	NW/SW 31-10S-23E Pad	Section (VS) Reference:	SITE 5736.0		
Well:	Rock House 10-23-13-31	Section (VS) Reference:	Well (0.00N 0.00E 75.30Az)		
Wellpath:	1	Plan:	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S	E/W	VS	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5400.00	4.73	75.30	5358.01	129.53	493.72	510.43	1.00	-1.00	0.00	MWD
5500.00	3.73	75.30	5457.73	131.39	500.85	517.79	1.00	-1.00	0.00	MWD
5600.00	2.73	75.30	5557.58	132.82	506.29	523.42	1.00	-1.00	0.00	MWD
5700.00	1.73	75.30	5657.50	133.81	510.04	527.30	1.00	-1.00	0.00	MWD
5786.52	0.86	75.30	5744.00	134.30	511.93	529.25	1.00	-1.00	0.00	Mesaverde
5800.00	0.73	75.30	5757.47	134.35	512.11	529.44	1.00	-1.00	0.00	MWD
5872.53	0.00	75.30	5830.00	134.47	512.56	529.90	1.00	-1.00	0.00	End Drop
5900.00	0.00	75.30	5857.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6000.00	0.00	75.30	5957.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6100.00	0.00	75.30	6057.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6200.00	0.00	75.30	6157.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6300.00	0.00	75.30	6257.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6400.00	0.00	75.30	6357.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6500.00	0.00	75.30	6457.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6600.00	0.00	75.30	6557.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6700.00	0.00	75.30	6657.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6800.00	0.00	75.30	6757.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6900.00	0.00	75.30	6857.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7000.00	0.00	75.30	6957.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7100.00	0.00	75.30	7057.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7200.00	0.00	75.30	7157.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7300.00	0.00	75.30	7257.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7400.00	0.00	75.30	7357.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7500.00	0.00	75.30	7457.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7600.00	0.00	75.30	7557.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7700.00	0.00	75.30	7657.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7800.00	0.00	75.30	7757.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7900.00	0.00	75.30	7857.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8000.00	0.00	75.30	7957.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8098.53	0.00	75.30	8056.00	134.47	512.56	529.90	0.00	0.00	0.00	Buck Tongue
8100.00	0.00	75.30	8057.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8200.00	0.00	75.30	8157.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8300.00	0.00	75.30	8257.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8347.53	0.00	75.30	8305.00	134.47	512.56	529.90	0.00	0.00	0.00	10-23-13-31 Target

Targets

Name	Description	TVD ft	N/S	E/W	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
10-23-13-31 Target	-Rectangle (400x400) -Plan hit target	8305.00	134.47	512.56	7140681.95	2236060.29	39 54 12.827 N	109 22 35.493 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2012.00	2012.00	9.625	12.250	9 5/8" Surface

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1066.00	1066.00	Green River		0.00	0.00
3837.75	3816.00	Wasatch		0.00	0.00
5786.52	5744.00	Mesaverde		0.00	0.00

Weatherford International Planning Report

Company: Enduring Resources Field: Uintah, Utah Site: NW/SW 31-10S-23E Pad Well: Rock House 10-23-13-37 Wellpath: 1	Date: 8/7/2005 Co-ordinate(N): Reference: Well Rock House 10-23-13-37 Vertical (TVD) Reference: SITE 5738 Section (VS) Reference: Well (0.00N 0.00E 7530A) Plan: Plan #1	Time: 12:10:42 Site:
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Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction
8098.53	8056.00	Buck Tongue		0.00	0.00

Annotation

MD ft	TVD ft	Annotations
		SHL (1842 FSL & 142 FWL)
2072.00	2072.00	KOP
2571.81	2569.28	End Build
4872.91	4835.45	Start Drop
5156.67	5116.00	Entry Point
5872.53	5830.00	End Drop
8347.53	8305.00	TD

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

001

5. LEASE DESIGNATION AND SERIAL NO. UTU-76281
6. IF INDIAN, ALLOTTEE OR TRIBE NAME na
7. UNIT AGREEMENT NAME na
8. FARM OR LEASE NAME na
9. WELL NO. Rock House 12-31-10-23
10. FIELD OR LEASE NAME Natural Buttes
11. Sec., T., R., M., OR BLK AND SURVEY OR AREA Sec. 31, T10S, R23E
12. COUNTY OR PARISH Uintah
13. STATE Utah
17. NO. OF ACRES ASSIGNED TO THIS WELL 40
20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START April. 15, 2005

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []
B TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [] MULTIPLE ZONE [X]

2. NAME OF OPERATOR The Houston Exploration Company

3. ADDRESS OF OPERATORS 1100 Louisiana Suite 2000 Houston, TX 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) at surface 1900' FSL & 460' FWL NWSW 638787X 39.903388 At proposed prod. Zone same as above 4418086Y -109.376458

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 78.4 miles south of Vernal, UT

15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drtg. Unit line, if any) 460' 16. NO. OF ACRES IN LEASE 320 17. NO. OF ACRES ASSIGNED TO THIS WELL 40

16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT. 1,500 19. PROPOSED DEPTH 8,015 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATION (SHOW WHETHER DF. RT, GR, etc.) 5676.1 GR

PROPOSED CASING AND CEMENT PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 11" hole with 8 5/8" casing and 7 7/8" hole with 4 1/2" casing.

The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.

William A Ryan
290 S 800 E
Vernal, UT 84078
435-789-0968

RECEIVED
APR 12 2005

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

SIGNATURE William A. Ryan TITLE Agent DATE April 4 2005

PERMIT NO. 43-040036552 APPROVAL DATE

APPROVED BY BRADLEY G. HILL TITLE ENVIRONMENTAL SCIENTIST III DATE 04-18-05

*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

Federal Approval of this Action is Necessary

R
22
E

R
23
E

T10S, R23E, S.L.B.&M.

N89°02'49"W - 2589.03' (Meas.)

S89°22'W - 2633.40' (G.L.O.)

1991 Alum. Cap,
0.2' High, Pile
of Stones, Steel
Post

1995 Alum. Cap,
0.1' High, Pile
of Stones

LOT 1

LOT 2

31

LOT 3

ROCK HOUSE #12-31-10-23
Elev. Ungraded Ground = 5705'

LOT 4

1995 Alum. Cap,
0.5' High, Pile
of Stones

1991 Alum. Cap,
1.0' High, Steel
Post, Pile of
Stones

S89°59'46"W - 2640.11' (Meas.)

S89°44'W - 2629.44' (G.L.O.)

N00°29'W - 2645.94' (G.L.O.)

N00°44'W - 2603.04' (G.L.O.)

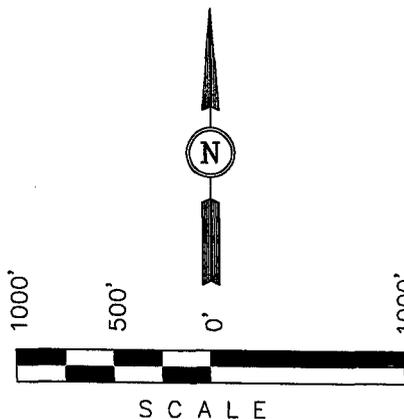
T10S
T11S

THE HOUSTON EXPLORATION COMPANY

Well location, ROCK HOUSE #12-31-10-23,
located as shown in the NW 1/4 SW 1/4
(LOT 3) of Section 31, T10S, R23E, S.L.B.&M.
Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE
NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN
FROM THE BIG PACK MTN NE QUADRANGLE, UTAH,
UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL
MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT
OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION
IS MARKED AS BEING 5238 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.

John A. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°54'12.13" (39.903369)

LONGITUDE = 109°22'38.04" (109.377233)

(AUTONOMOUS NAD 27)

LATITUDE = 39°54'12.25" (39.903403)

LONGITUDE = 109°22'35.60" (109.376556)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-23-05	DATE DRAWN: 02-24-05
PARTY B.B. J.M. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE THE HOUSTON EXPLORATION COMPANY	

The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, TX 77002
713-830-6800

Please hold all information associated with this Application for Permit to Drill and all associated logs confidential for a minimum of six (6) months.

RECEIVED

APR 12 2005

DIV. OF OIL, GAS & MINING

003

SELF-CERTIFICATION STATEMENT

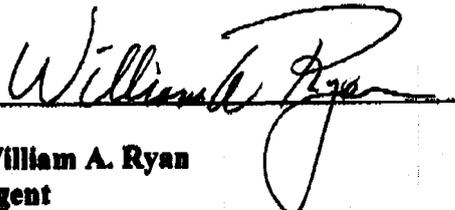
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that The Houston Exploration Company are considered to be the operator of the following well.

**Rock House 12-31-10-23
Section 31, T.10S, R.23E.
NW 1/4, SW 1/4
Lease UTU-76281
Uintah County, Utah**

The Houston Exploration Company is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond UTU-000062 provides state-wide bond coverage on all Federal lands.



**William A. Ryan
Agent
Rocky Mountain Consulting
350 S. 800 E.
Vernal UT 84078
435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax
rmcwar@hotmail.com**

Ten Point Plan**The Houston Exploration Company**

Rockhouse #12-31-10-23

Surface Location NW ¼ SW ¼, Section 31, T. 10S., R. 23E.

1. Surface Formation

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	+5,676' G.L.
Uteland Butte Limestone	3,689	+1,987'
Wasatch	3,771	+1,905'
Mesaverda	5,680	-4'
Buck Tounge	7,971	-2,295'
Castlegate	8,051	-2,375'
TD	8,015	-2,339'

A 11" hole will be drilled to 2,000' +/- . The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

3. Producing Formation Depth:

Formation objective includes the Green River, Wasatch, Mesaverde and its sub-members.

Off Set Well information

Off set well: Permitted/Drilled:

Rockhouse #5-32-10-23

Producing Wells:

Rockhouse #11-31

Abandon Wells:

4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling & Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
11	8 5/8	36#	J-55	STC	2000	NEW
7 7/8	4 1/2	11.6#	N-80	LTC	T.D.	NEW

Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	8 5/8	Primium Lite II .05#/sk Static Free .25#/sk Cello Flake 5#/sk KOL Seal .002 gps FP-6L 10% Bentonite .5% Sodium Metasilicate 3% Potassium Chloride	250 sks. +/-	3.38ft ³ /sk	11.0 ppg
Tail:	8 5/8	Class "G" 2% Calcium Chloride .25#/sk Cello Flake	329 sks. +/-	1.2ft ³ /sk	15.6 ppg
Top Job:	8 5/8	4% Calcium Chloride .25#/sk Cello Flake	200 sks. +/-	1.10ft ³ /sk	15.6 ppg

Production casing will be cemented to 2,500' or higher as follows:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead: 4 1/2	Primium Lite II .25#/sk Cello Flake .05#/sk Static Free 5#/sk Kol Seal 3% Potassium Chloride .055 gps FP-6L 10% Bentonite .5 Sodium Metasilicate	200 sks +/-	3.3ft ³ /sk	11.0 ppg
Tail: 4 1/2	Class "G" .05% Static Free 2 Sodium Chloride .1% R-3 2% Bentonite	400 sks +/-	1.56ft ³ /sk	14.3 ppg

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-2000	Air/Clear Water	-----	No Control	Water/Gel
2000-T.D.	8.4-12.0	30	8-10	Water/Gel

7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

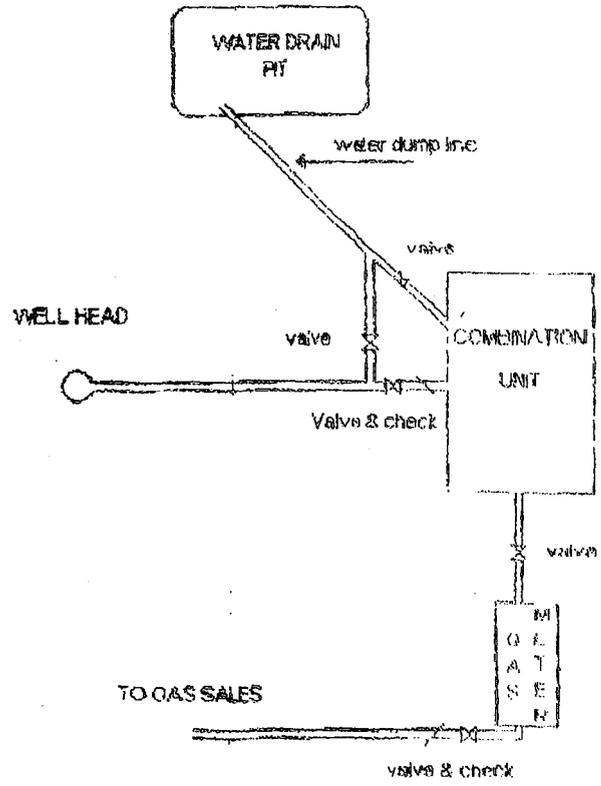
9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H2S.

10. Drilling Schedule:

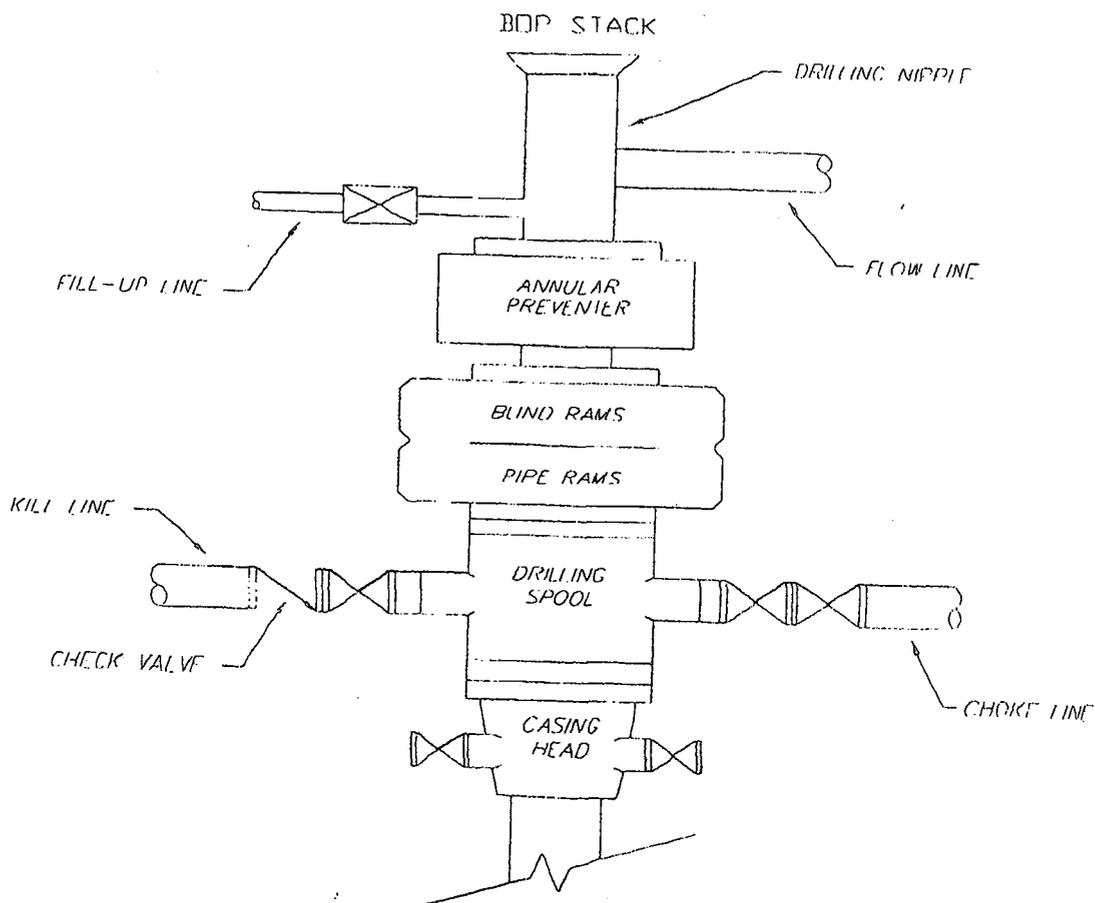
The anticipated starting date is 04/15/05. Duration of operations is expected to be 30 days.

TYPICAL
GAS WELL

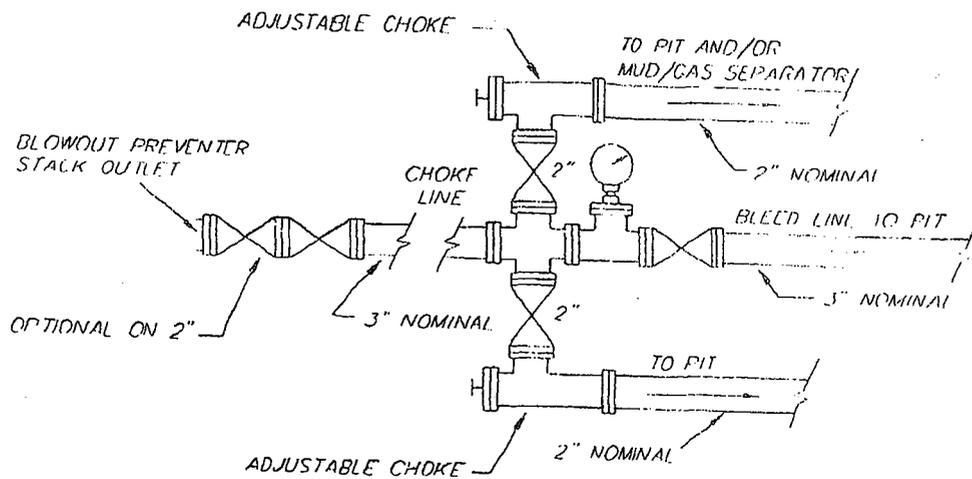


THE HOUSTON EXPLORATION COMPANY

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



THE HOUSTON EXPLORATION COMPANY

13 POINT SURFACE USE PLAN

FOR WELL

ROCKHOUSE 12-31-10-23

LOCATED IN NW ¼ SW ¼

SECTION 31, T. 10S, R23E, S.L.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: UTU-76281

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads:

To reach The Houston Exploration Co well Rock House #12-31-10-23 in Section 31, T10S, R 23E, starting in Vernal, Utah.

Proceed in a easterly, then southerly direction from Vernal, Utah along US Highway 40 approximately 3.9 miles to the junction of State Highway 45; exit right and proceed in a southerly, direction approximately 41.5 miles on paved State Highway 45 to the junction of this road and gravel State Highway 45 to southeast; turn left and proceed in an southeasterly direction, approximately 3.8 miles to the junction of this road and State Highway 207 to the southwest; turn right and proceed in a southeasterly direction approximately 8.4 miles to the junction of this road and an existing road to the southwest; proceed in a southwesterly direction approximately 7.8 miles to the junction of this road and an existing road to the northwest; turn right and proceed in a northwesterly, direction approximately 0.5 miles to the junction of this road and an existing road to the west; turn left and proceed in a westerly, then northerly direction approximately 2.7 miles to the junction of this road and an existing road to the northwest; turn left and proceed in a northwesterly, then northerly direction approximately 5.4 miles to the junction of this road and an existing road to the northwest; turn left and proceed in a

northwesterly, then southwesterly direction approximately 1.4 miles to the junction of this road and an existing road to the northwest turn right and proceed in a northwesterly direction approximately 0.4 miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly, then northerly direction approximately 1.6 miles to the beginning of the proposed access for the 13C-31 to the northwest; follow road flags in a northwesterly, northerly direction approximately 0.5 miles to the beginning of the proposed access to the northwest, follow road flags in a northwesterly, then northeasterly direction approximately 0.5 miles to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 78.4 miles.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

2. Planned access road

The proposed access road will be approximately 700' +/- of new construction on lease and approximately 1740' +/- of new construction on State Lands and approximately 200' of new construction off lease on Federal Lands. The road will be graded

once per year minimum and maintained.

- A) Approximate length 2640 ft
- B) Right of Way width 30 ft
- C) Running surface 18 ft
- D) Surface material Native soil
- E) Maximum grade 5%
- F) Fence crossing None
- G) Culvert None
- H) Turnouts None
- I) Major cuts and fills None
- J) Road Flagged Yes
- K) Access road surface ownership State & Federal
- L) All new construction on lease No
- M) Pipe line crossing None

Please see the attached location plat for additional details.

An off lease right of way will be required for approximately 200' on Federal Lands and approximately 1,740' on State Lands.

All surface disturbances for the road and location will not be within the lease boundary.

3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

- A) Producing well
 - Rock House 11-31
 - Rock House 2D-36
- B) Water well None
- C) Abandoned well None
- D) Temp. abandoned well None
- E) Disposal well None
- Drilling /Permitted well None

- G) Shut in wells None
- H) Injection well None
- I) Monitoring or observation well None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a Carlsbad Canyon color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Carlsbad Canyon.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

Approximately 2,475' +/- of 3" gathering line would be constructed on Federal and State Lands. The line would tie into the proposed pipeline in Sec. 6, T10S, R23E. The line will be strung and boomed to the west of the access road and to the south of the location.

An off lease right of way will be required for approximately 150' on Federal Lands and approximately 1825' on State Lands.

Please see the attached location diagrams for pipeline location. There will be no additional surface disturbances required for the installation of a gathering line.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter.

The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal

District office and State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing will come from the White River at Saddle Tree Draw, Permit # T-75514.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 12 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for

drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follows:

A) Pad length	345 ft.
B) Pad width	245 ft.
C) Pit depth	12 ft.
D) Pit length	150 ft.
E) Pit width	75 ft.
F) Max cut	57.5 ft.
G) Max fill	57.1 ft.
H) Total cut yds.	59,980 cu yds.
I) Pit location	west end
J) Top soil location	north end
K) Access road location	west end
L) Flare Pit	corner C

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.

C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.

E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 2,760 cubic yards of material.

Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

**To be determined by the
Authorized Officer.**

11. Surface ownership:

Access road	State & Federal
Location	Federal
Pipe line	State & Federal

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported

promptly to the surface management agency.

D) Water:

**The nearest water is the
White River located 2 miles
to the North.**

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion
Prior to moving on the drilling rig.
- c) Spud notice
At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests
At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice
Within five (5) business days after the new well begins, or production resumes after well has

been off production for more than 90 days.

application will be filed for approval for any future operations.

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit outside the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by The Houston Exploration Company and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

13. Lessees or Operator's representative and certification

A) Representative

William A. Ryan
290 S 800 E
Rocky Mountain Consulting
Vernal, UT 84078

Office 435-789-0968
Fax 435-789-0970
Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new

Date 4/4/05



William A. Ryan, Agent
Rocky Mountain Consulting

Onsite Dates: 3/28/05

Statement of use of Hazardous Materials

No chemical(s) from the EPA's consolidated list of Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan
Agent for The Houston Exploration Company
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax

THE HOUSTON EXPLORATION COMPANY

ROCK HOUSE #12-31-10-23

LOCATED IN UINTAH COUNTY, UTAH
SECTION 31, T10S, R23E, S.L.B.&M.

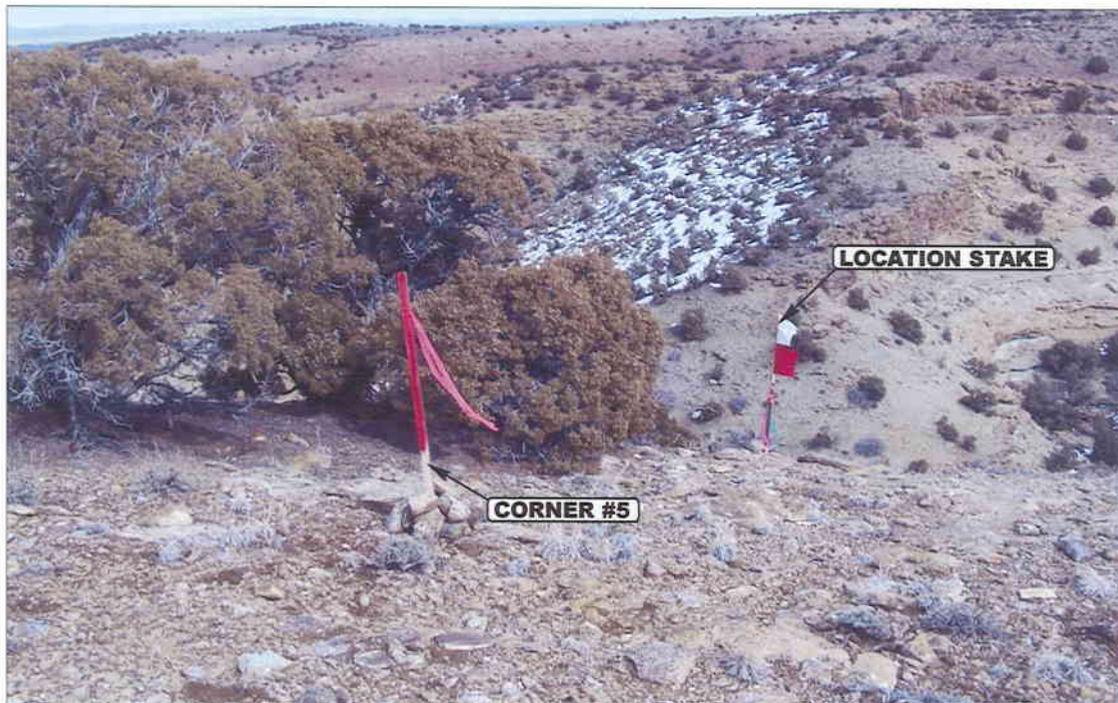


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

03 01 05

MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 00-00-00

THE HOUSTON EXPLORATION COMPANY

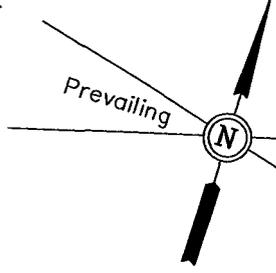
FIGURE #1

LOCATION LAYOUT FOR

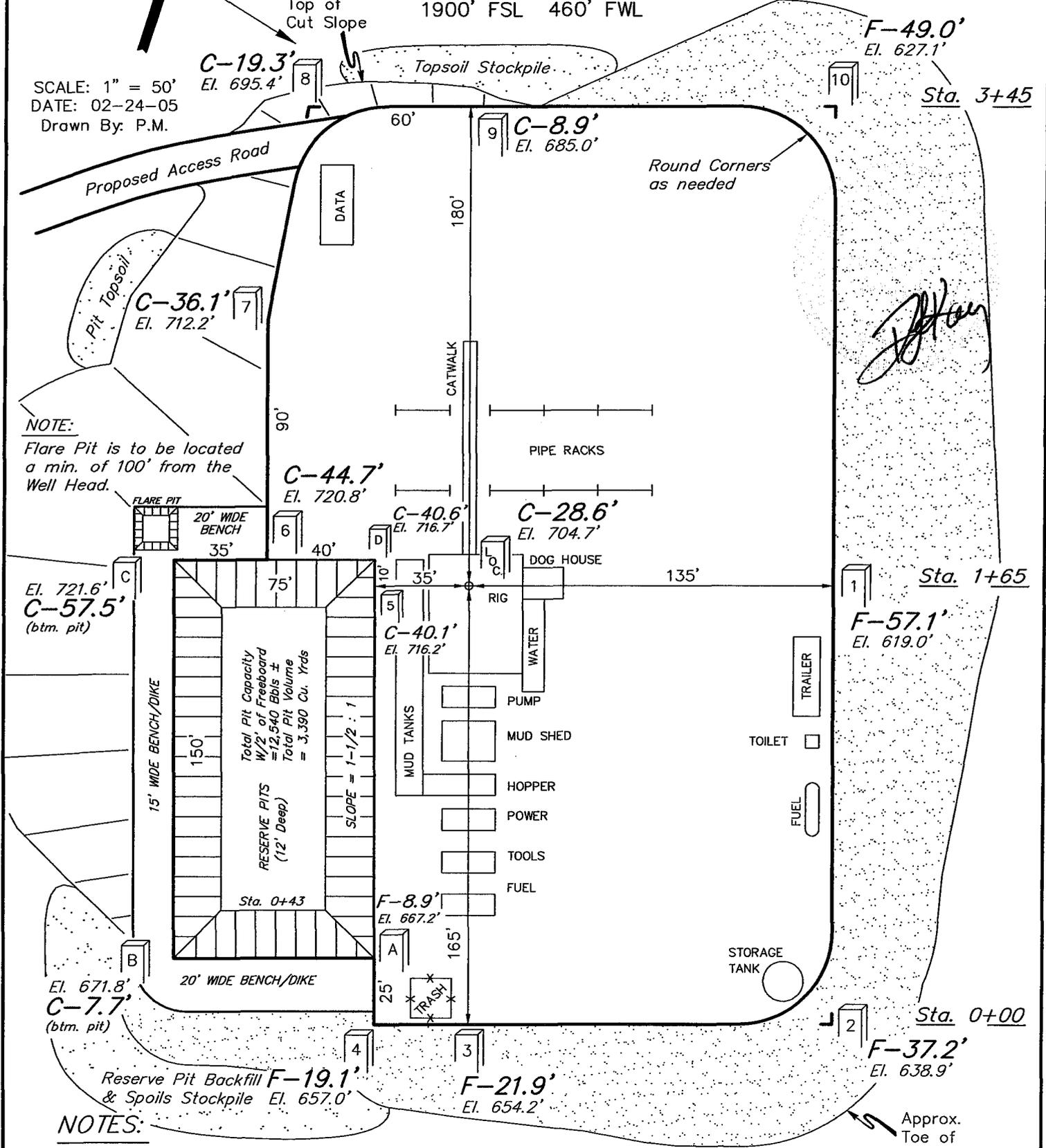
ROCK HOUSE #12-31-10-23

Approx. SECTION 31, T10S, R23E, S.L.B.&M.

1900' FSL 460' FWL



SCALE: 1" = 50'
DATE: 02-24-05
Drawn By: P.M.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity
W/2' of Freeboard
= 12,540 Bbls ±
Total Pit Volume
= 3,390 Cu. Yds

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5704.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 5676.1'

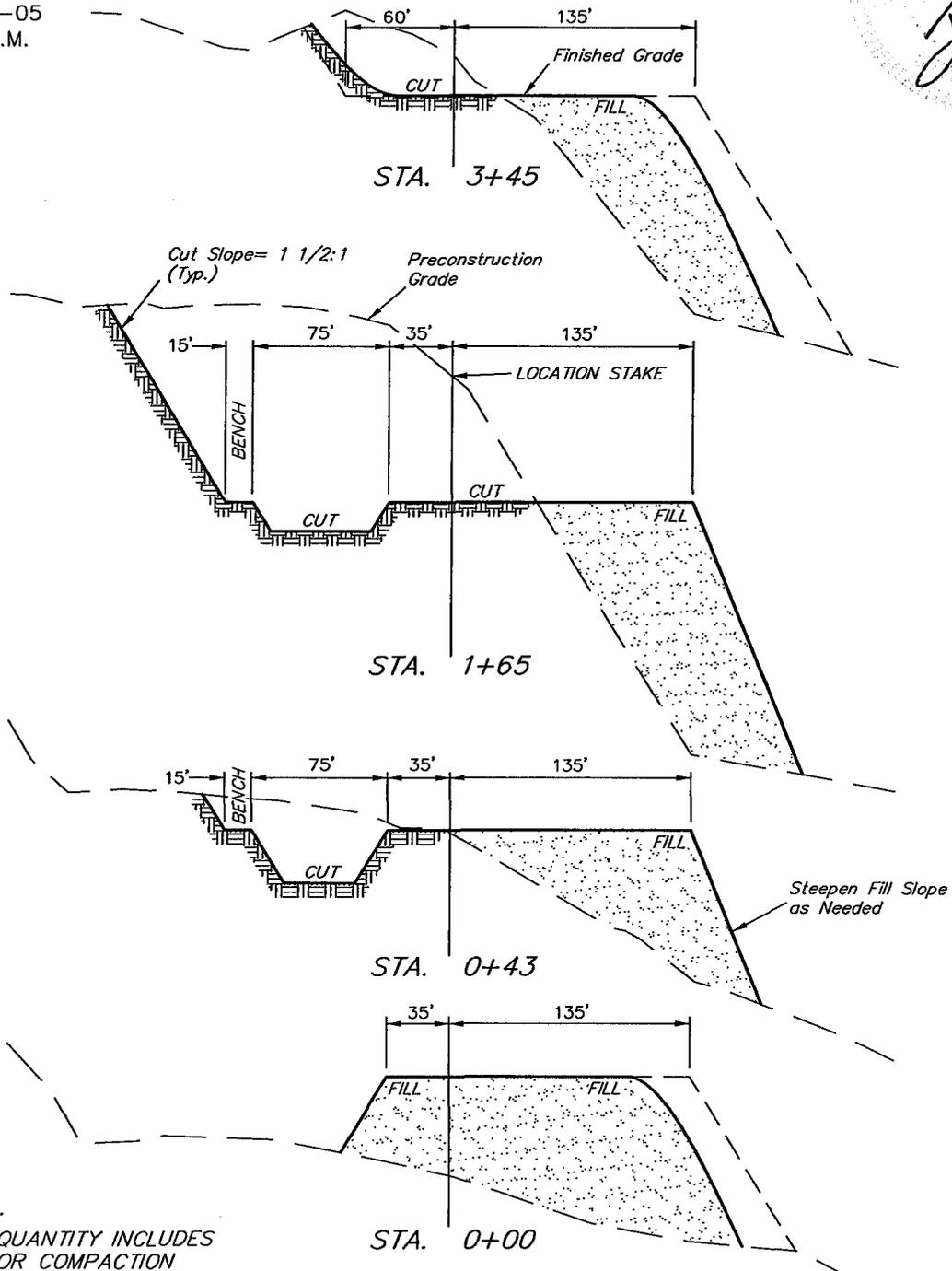
THE HOUSTON EXPLORATION COMPANY

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 ROCK HOUSE #12-31-10-23
 SECTION 31, T10S, R23E, S.L.B.&M.
 1900' FSL 460' FWL

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

DATE: 02-24-05
 Drawn By: P.M.

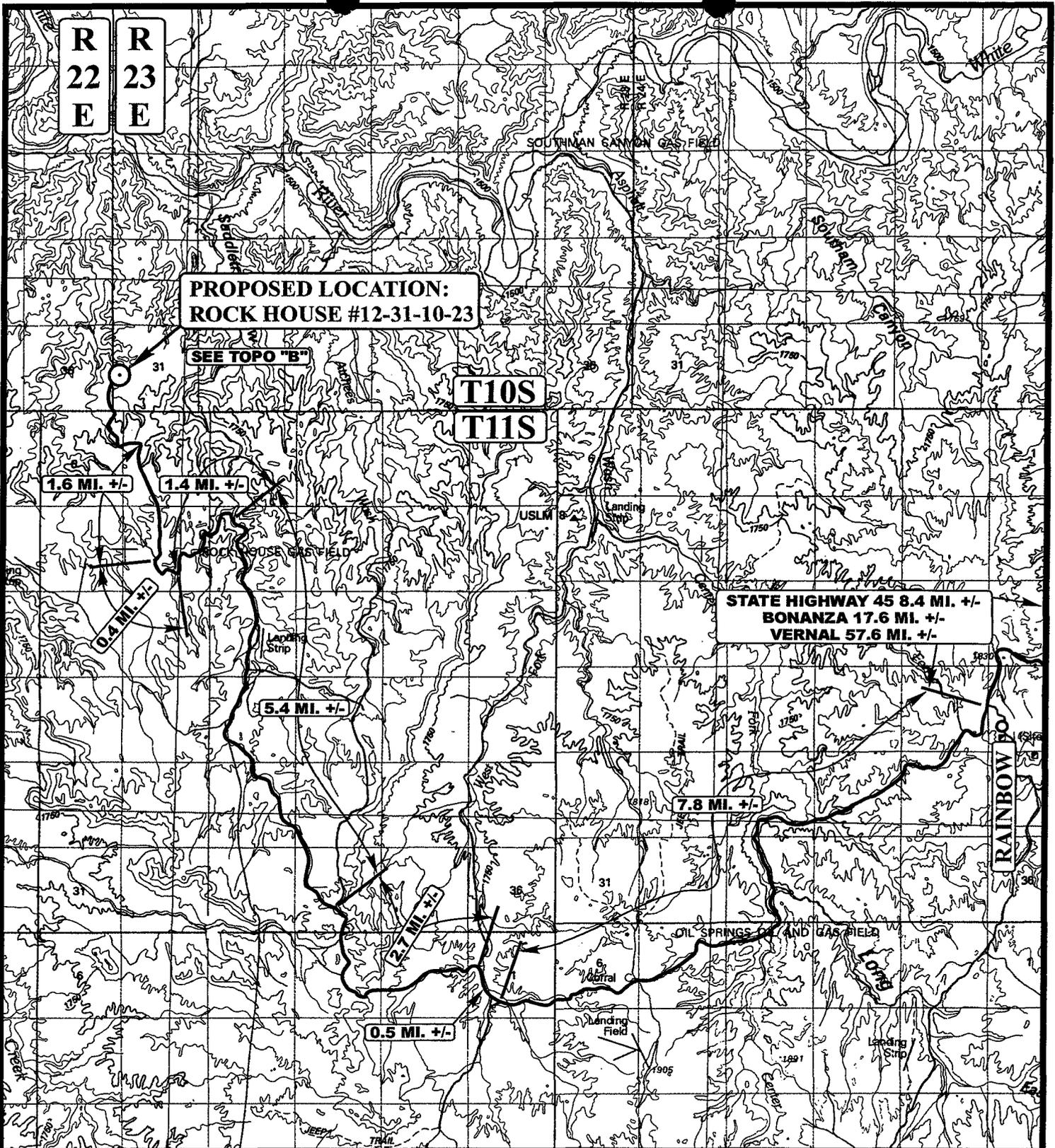


* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	2,760 Cu. Yds.
Remaining Location	=	57,220 Cu. Yds.
TOTAL CUT	=	59,980 CU.YDS.
FILL	=	55,530 CU.YDS.

EXCESS MATERIAL	=	4,450 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,450 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



**PROPOSED LOCATION:
ROCK HOUSE #12-31-10-23**

SEE TOPO "B"

**T10S
T11S**

1.6 MI. +/-

1.4 MI. +/-

0.4 MI. +/-

5.4 MI. +/-

2.7 MI. +/-

0.5 MI. +/-

**STATE HIGHWAY 45 8.4 MI. +/-
BONANZA 17.6 MI. +/-
VERNAL 57.6 MI. +/-**

7.8 MI. +/-

LEGEND:

⊙ PROPOSED LOCATION



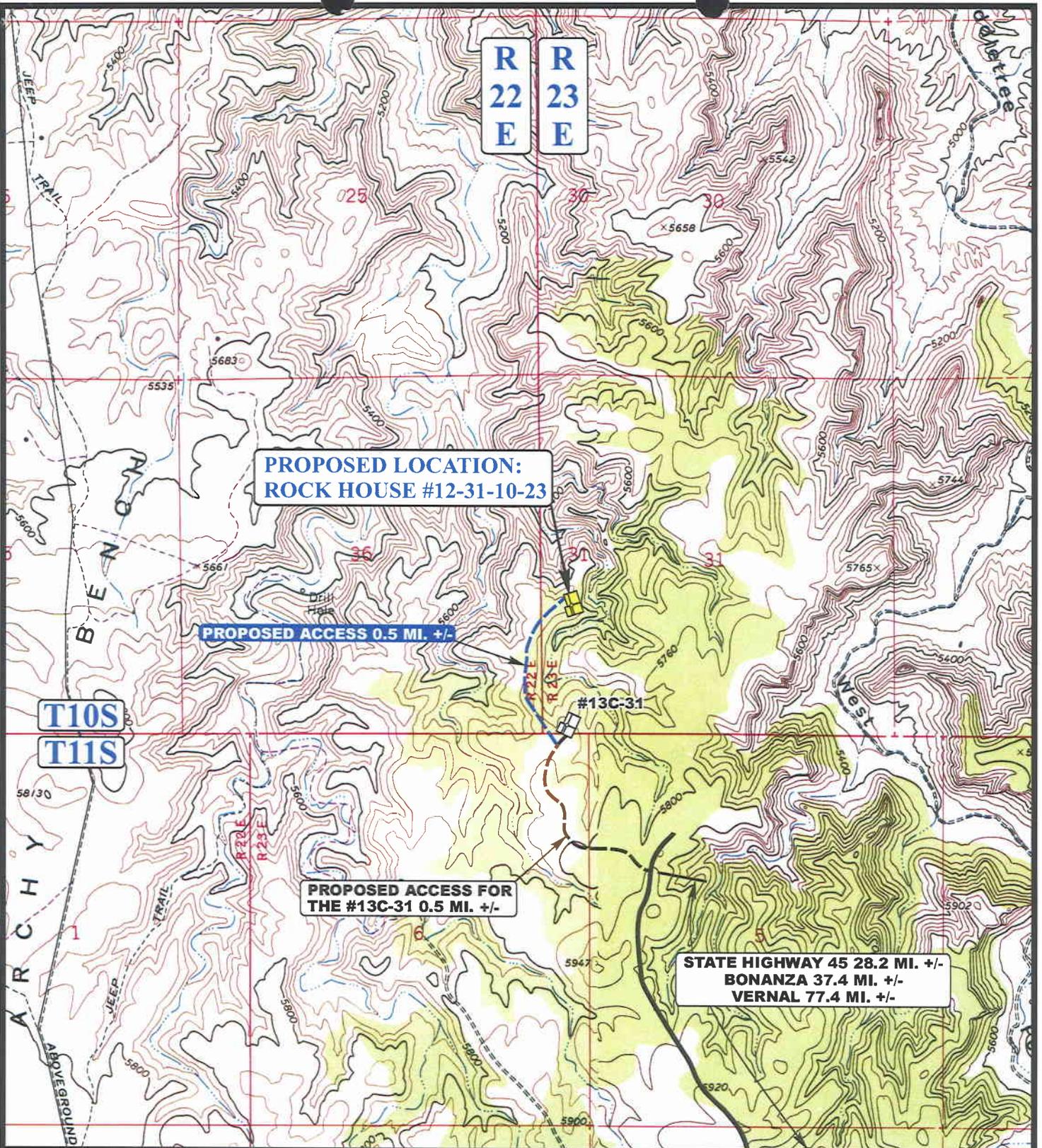
THE HOUSTON EXPLORATION COMPANY

**ROCK HOUSE #12-31-10-23
SECTION 31, T10S, R23E, S.L.B.&M.
1900' FSL 460' FWL**

U&Ls Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 03 01 05
MONTH DAY YEAR
SCALE: 1:100,000 | DRAWN BY: C.P. | REVISED: 00-00-00





**PROPOSED LOCATION:
ROCK HOUSE #12-31-10-23**

PROPOSED ACCESS 0.5 MI. +/-

**PROPOSED ACCESS FOR
THE #13C-31 0.5 MI. +/-**

**STATE HIGHWAY 45 28.2 MI. +/-
BONANZA 37.4 MI. +/-
VERNAL 77.4 MI. +/-**

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

THE HOUSTON EXPLORATION COMPANY

**ROCK HOUSE #12-31-10-23
SECTION 31, T10S, R23E, S.L.B.&M.
1900' FSL 460' FWL**



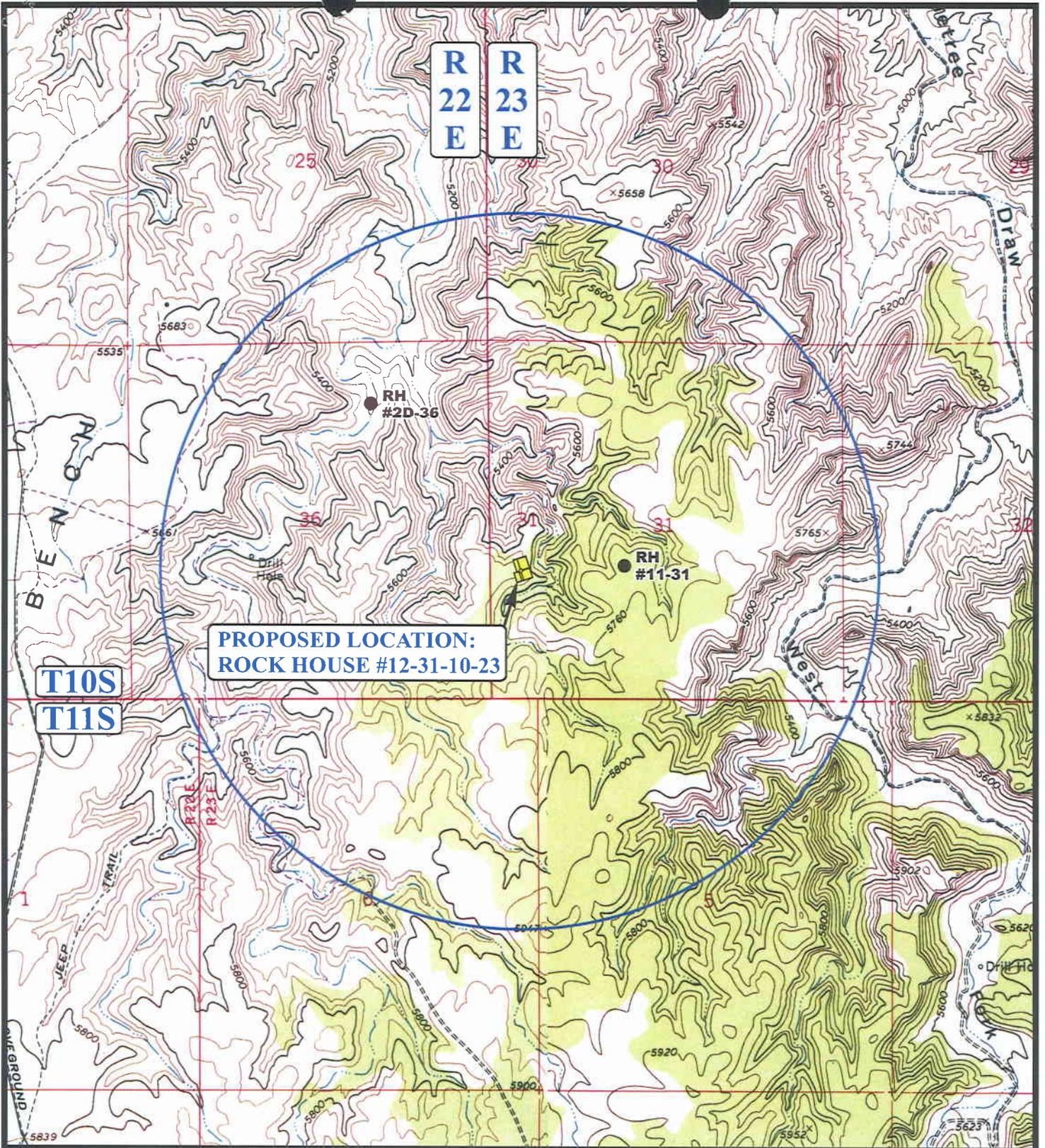
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 03 01 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





**PROPOSED LOCATION:
ROCK HOUSE #12-31-10-23**

**T10S
T11S**

**R 22
E
R 23
E**

LEGEND:

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

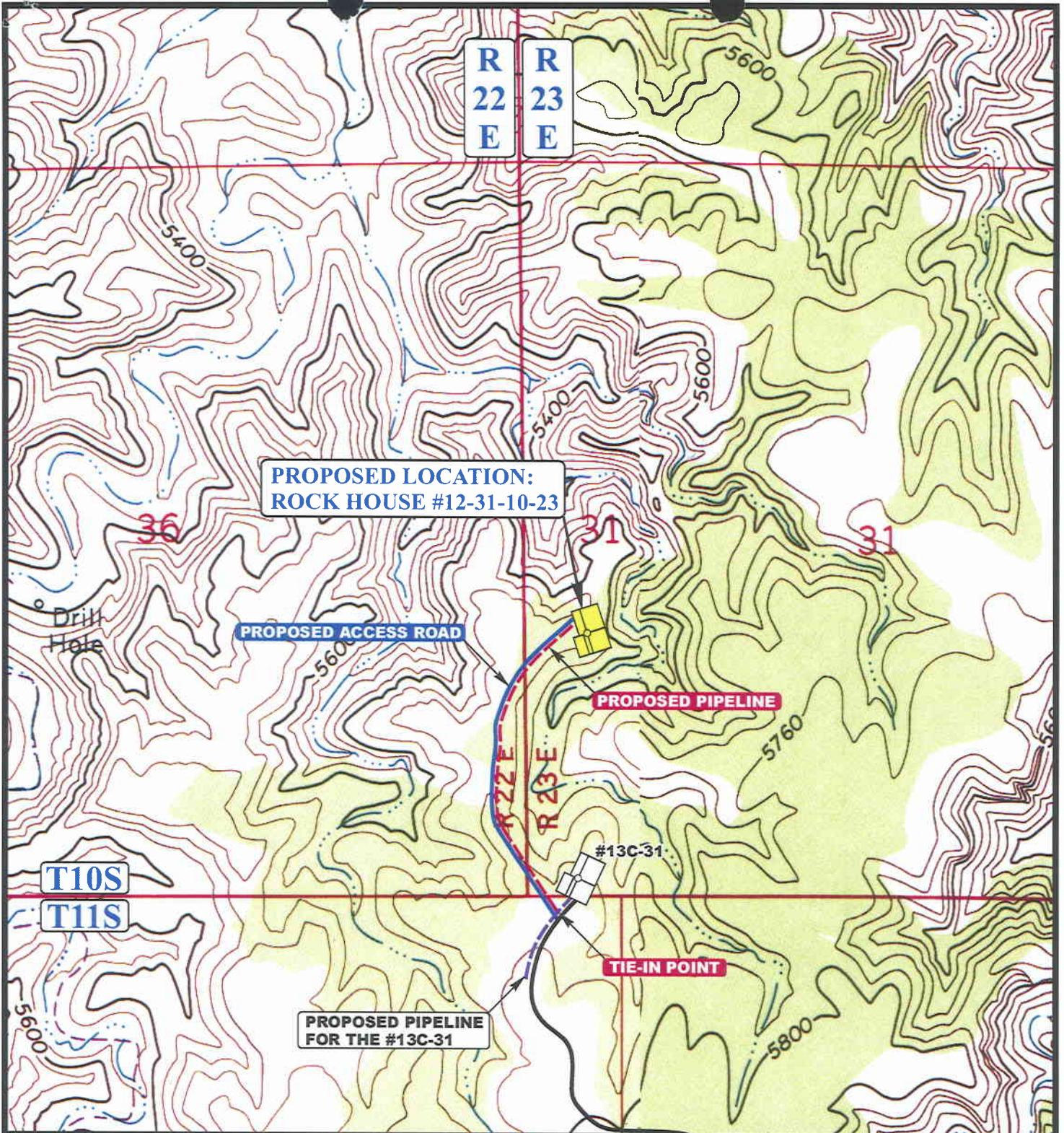
THE HOUSTON EXPLORATION COMPANY

**ROCK HOUSE #12-31-10-23
SECTION 31, T10S, R23E, S.L.B.&M.
1900' FSL 460' FWL**

UES Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 03 01 05
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **C TOPO**





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,475' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED PIPELINE (SERVICING OTHER WELLS)



THE HOUSTON EXPLORATION COMPANY

ROCK HOUSE #12-31-10-23
SECTION 31, T10S, R23E, S.L.B.&M.
1900' FSL 460' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 03 01 05
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/12/2005

API NO. ASSIGNED: 43-047-36552

WELL NAME: ROCK HOUSE 12-31-10-23
OPERATOR: HOUSTON EXPLORATION CO, (N2525)
CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

PROPOSED LOCATION:

NWSW 31 100S 230E
SURFACE: 1900 FSL 0460 FWL
BOTTOM: 1900 FSL 0460 FWL
UINTAH
NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-76281
SURFACE OWNER: 1 - Federal
PROPOSED FORMATION: CSLGT
COALBED METHANE WELL? NO

LATITUDE: 39.90339
LONGITUDE: -109.3765

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTU-000062)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. T-75514)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

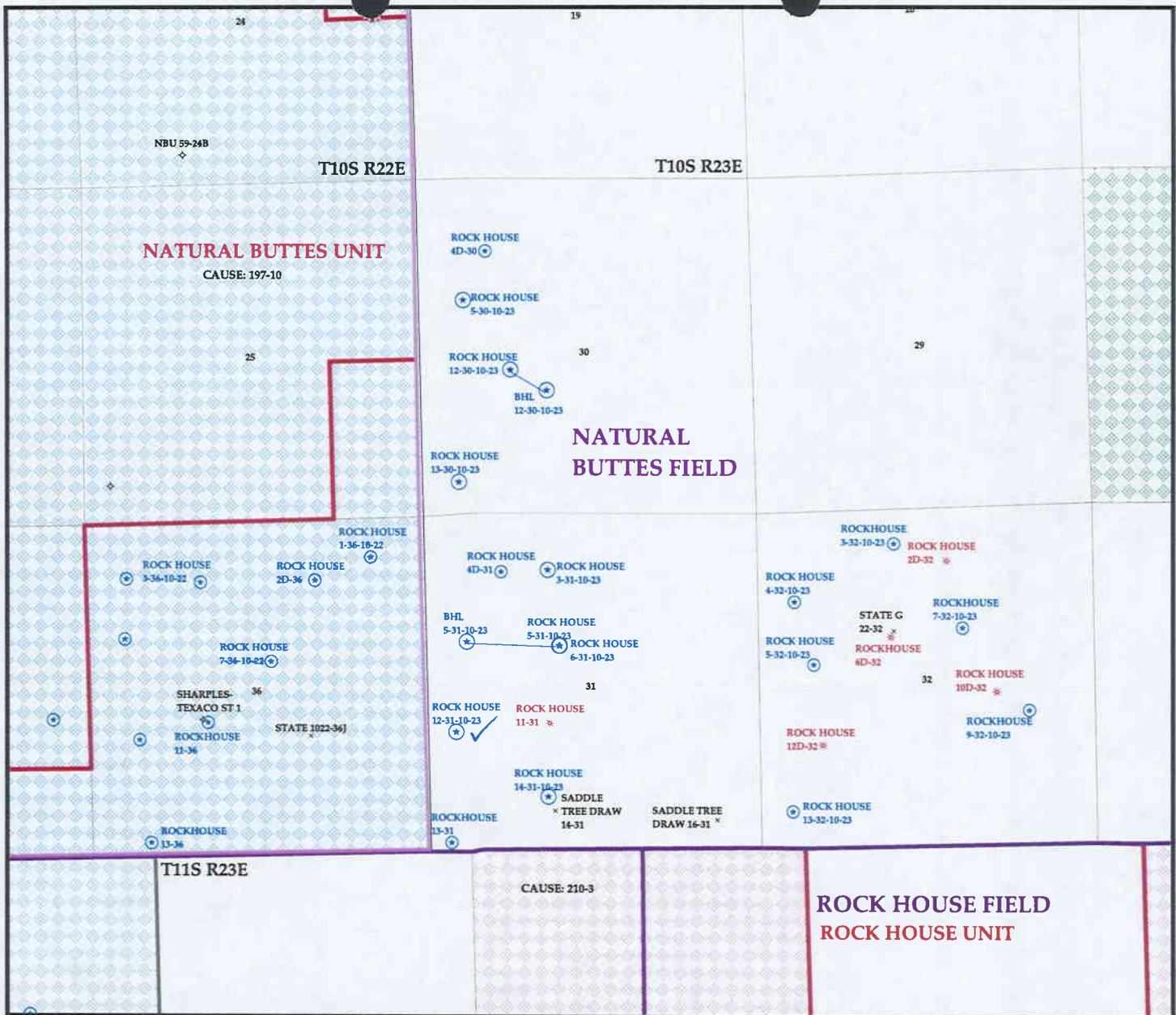
LOCATION AND SITING:

- R649-2-3.
Unit _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Strip



OPERATOR- THE HOUSTON EXPL CO (N2525)
 SEC. 31 T.10S R.23E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 SPACING: R649-3-2 / GENERAL SITING



Wells	Units.shp	Fields.shp
♣ GAS INJECTION	EXPLORATORY	ABANDONED
⊛ GAS STORAGE	GAS STORAGE	ACTIVE
× LOCATION ABANDONED	NF PP OIL	COMBINED
⊕ NEW LOCATION	NF SECONDARY	INACTIVE
◇ PLUGGED & ABANDONED	PENDING	PROPOSED
⊛ PRODUCING GAS	PI OIL	STORAGE
● PRODUCING OIL	PP GAS	TERMINATED
⊛ SHUT-IN GAS	PP GEOTHERML	
⊛ SHUT-IN OIL	PP OIL	
× TEMP. ABANDONED	SECONDARY	
○ TEST WELL	TERMINATED	
△ WATER INJECTION		
◆ WATER SUPPLY		
♣ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY
 DATE: 13-APRIL-2005

**State of Utah****Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 18, 2005

The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, Texas 77002

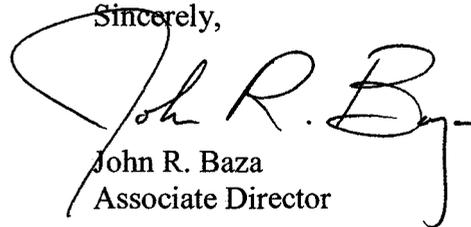
Re: Rock House 12-31-10-23 Well, 1900' FSL, 460' FWL, NW SW, Sec. 31,
T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36552.

Sincerely,



John R. Baza
Associate Director

jc
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

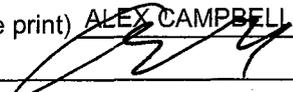
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Rock House 12-31-10-23
API number:	4304736552
Location:	Qtr-Qtr: NWSW Section: 31 Township: 10S Range: 23E
Company that filed original application:	HOUSTON EXPLORATION COMPANY
Date original permit was issued:	04/13/2005
Company that permit was issued to:	HOUSTON EXPLORATION COMPANY

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>RLB0008031</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) ALEX CAMPBELL Title VICE PRESIDENT OF LAND
 Signature  Date 09/19/2005
 Representing (company name) ENDURING RESOURCES, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

RECEIVED
SEP 26 2005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: The Houston Exploration Company <i>N2525</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1100 Louisiana, Ste 2000 CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER: See Attached List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>Effective 9/1/05</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE <u>9/1/05</u>	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC Operator #N 2750 Utah State Bond #RLB0008031
475 17th Street, Ste 1500
Denver, CO 80202

Contact : Frank Hutto 303-350-5102

Frank Hutto VP. OPS
Signature & Title

Date 9/19/05

NAME (PLEASE PRINT) Joanne Hresko

TITLE Vice President/General Manager Onshore

SIGNATURE *Joanne Hresko*

DATE 9/2/2005

(This space for State use only)

APPROVED 9/29/2005

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

SEP 26 2005

DIV. OF OIL, GAS & MINING

TRANSFER OF OPERATOR

NATURAL BUTTES FIELD, UINTAH COUNTY, UTAH DRILLED WELLS, TO BE OPERATED BY ENDURING RESOURCES, LLC

API Well Number	Well Name	Well Status	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude
43047355550000	Bonanza #10D-18	SI	NWSE	18	9S-24E	1437 S	1800 E	40.03340	-109.25282
43047355510000	Bonanza #12D-12	Producing	NWSW	12	9S-23E	1556 S	867 W	40.04788	-109.28055
43047356930000	Bonanza #2D-27	Producing	NWNE	27	9S-24E	1064 N	1824 E	40.01123	-109.19600
43047359080000	Bonanza 10-11	Producing	NWSE	11	9S-23E	1991 S	1755 E	40.04866	-109.29035
43047356920000	Bonanza 10D-8	SI	NWSE	8	9S-24E	1510 S	1768 E	40.04789	-109.23383
43047355520000	Bonanza 1-11	Producing	NWNW	11	9S-23E	990 N	990 E	40.05431	-109.29891
43047359290000	Bonanza 12-20	Drig	NWSW	20	9S-25E	1998 S	825 W	40.01947	-109.13150
43047-359210000	Bonanza 12A-18	Producing	NWSW	18	9S-24E	2067 S	813 W	40.03430	-109.26242
43047359090000	Bonanza 14-12	Evaluating	SESW	12	9S-23E	505 S	2001 W	40.04455	-109.27693
43047359940000	Bonanza 4-18	WOPL	NWNW	18	9S-24E	706 N	682 W	40.04119	-109.26288
43047-356220000	Bonanza 4D-16	Producing	NWNW	16	9S-24E	1152 N	1209 W	40.04000	-109.22349
43047358600000	Bonanza 6-36	Producing	SENW	36	9S-24E	2217 N	2009 W	39.99336	-109.16393
43047359120000	Bonanza 6B-8	Producing	SENW	8	9S-24E	2017 N	1878 W	40.05213	-109.24004
43047359200000	Bonanza 8D-7	Producing	SENE	7	9S-24E	1992 N	477 E	40.05220	-109.24845
43047359050000	Buck Canyon 15-24	P&A	SW/SE	24	12S-21E	700 S	2139 E	39.75386	-109.5134
43047348150000	Cartwright 2-35	TA	NWNE	35	9S-24E	858 N	2104 E	39.99733	-109.17882
43047332510000	East Bench 11-16	WOC	NESW	16	11S-22E	S S	1980 W	39.85889	-109.46172
43047347560000	Hoss 15	Producing	SWSE	20	9S-25E	1291 S	2088 E	40.01767	-109.12236
43047348140000	Little Joe 11-7	TA	NENE	7	9S-25E	710 N	644 E	40.05562	-109.13601
43047361500000	Rainbow 14-17	WOC	SESW	17	11S-24E	780 S	1726 W	39.85689	-109.25731
43047361840000	Rainbow 2-16	WOC	NWNE	16	11S-24E	837 N	2136 E	39.86708	-109.23348
43047353630000	Southman Canyon 10D-36	Producing	NWSE	36	9S-23E	1757 S	1650 E	39.98991	-109.27148
43047353640000	Southman Canyon 12D-36	Producing	NWSW	36	9S-23E	1518 S	1069 W	39.98977	-109.28040
43047357700000	Southman Canyon 14C-36	Producing	SESW	36	9S-23E	648 S	1717 W	39.98689	-109.27716
43047357720000	Southman Canyon 16C-36	Producing	SESE	36	9S-23E	542 S	736 E	39.98607	-109.26912
43047356910000	Southman Canyon 2D-30	Producing	NWNE	30	9S-24E	1171 N	1502 E	40.01111	-109.25269
43047353650000	Southman Canyon 2D-36	Producing	NWNE	36	9S-23E	960 N	1751 E	39.99711	-109.27228
43047353610000	Southman Canyon 4D-36	Producing	NWNW	36	9S-23E	1163 N	1137 W	39.99623	-109.28012
43047353620000	Southman Canyon 6D-36	Producing	SENW	36	9S-23E	2466 N	2271 W	39.99336	-109.27635
43047357710000	Southman Canyon 8C-36	Producing	SENE	36	9S-23E	2185 N	694 E	39.99358	-109.26783
43047355590000	Thurston Federal #12-1	Producing	SESW	12	12S-21E	692 S	1959 W	39.78280	-109.51768

TRANSFER OF OPERATOR BLM APPROVED WELLS #2

PREVIOUS OPERATOR: Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC

EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
Asphalt Wash 13-7	SW/SW	7	11S	24E	UTU-73910	739' FSL & 629' FWL	43-047-36234
Bonanza 16-18	SE/SE	18	9S	24E	UTU-73457	861' FSL & 715' FEL	43-047-35992
Bonanza 4-11	NW/NW	11	9S	23E	UTU-74426	671' FNL & 729' FWL	43-047-35968
Bonanza 10D-12	NW/SE	12	9S	23E	UTU-74426	1,785' FSL & 1,855' FEL	43-047-35919
Bonanza 12-11	NW/SW	11	9S	23E	UTU-74426	1748' FSL & 420' FWL	43-047-35916
Bonanza 14-18	SE/SW	18	9S	24E	UTU-73457	472' FSL & 2,010' FWL	43-047-35993
Bonanza 14A-8	SE/SW	8	9S	24E	UTU-73457	907' FSL & 2,298' FWL	43-047-35952
Bonanza 16A-27	SE/SE	27	9S	24E	UTU-80571	862' FSL & 581' FEL	43-047-35923
Bonanza 2-21	NW/NE	21	8S	25E	UTU-73470	1,207' FNL & 1,541' FEL	43-047-35926
Bonanza 3-8	NW/NW	8	9S	24E	UTU-73457	573' FNL & 1,518' FWL	43-047-35966
Bonanza 6D-7	SE NW	7	9S	24E	UTU-73457	2,310' FNL & 2,310' FWL	43-047-35690
Bonanza 8-11	SE/NE	11	9S	23E	UTU-74426	2,163 FNL & 615' FEL	43-047-35907
Bonanza 8B-27	SE/NE	27	9S	24E	UTU-80571	1,830' FNL & 735' FEL	43-047-35923
Buck Camp 4-25	NW/NW	25	11S	22E	UTU-74424	804 FNL & 695 FWL	43-047-36276
Buck Camp 4-26	NW/NW	26	11S	22E	UTU-74974	660' FNL & 660' FWL	43-047-36274
Buck Canyon 1-24	NE/NE	24	12S	21E	UTU-73440	488' FNL & 833' FEL	★ 43-047-35606
Buck Canyon 15-24	SW/SE	24	12S	21E	UTU-73440	700' FSL & 2,139' FEL	43-047-35905
Buck Canyon 7-24	SW/NE	24	12S	21E	UTU-73440	2,041' FNL & 2,171' FEL	43-047-35904
Buck Canyon 9-24	NE/SE	24	12S	21E	UTU-73440	1784' FSL & 855' FEL	43-047-35903
Rainbow 1-17	NE/NE	17	11S	24E	UTU-73920	795' FNL & 586' FEL	43-047-36151
Southman Canyon #14-30	SE/SW	30	9S	24E	UTU-80571	740' FSL & 1,737' FWL	43-047-35914
Southman Canyon #4C-30	NW/NW	30	9S	24E	UTU-80571	676' FNL & 568' FWL	43-047-35913
Southman Canyon 12-30	NW/SW	30	9S	24E	UTU-80571	1,912' FSL & 513' FWL	43-047-36104
Southman Canyon 8-30	SE/NE	30	9S	24E	UTU-80571	1,875' FNL & 818' FEL	43-047-35994
Southman Canyon 9-30	NE/SE	30	9S	24E	UTU-80571	2,089' FSL & 831' FEL	43-047-36019

★ 43047-35906
• 43047-35953

TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING

#3

PREVIOUS OPERATOR: Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC

EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Asphalt Wash 11-16-11-24	NESW	16	11S	24E	ML-73921	2000 FSL & 1900 FWL	43-047-37088	Undesignated	Gas
Asphalt Wash 12-16-11-24	NWSW	16	11S	24E	ML-47080	2060 FSL & 839 FWL	43-047-36873	Undesignated	Gas
Asphalt Wash 14-16-11-24	SESW	16	11S	24E	ML-47080	537 FSL & 2140 FWL	43-047-36876	Undesignated	Gas
Asphalt Wash 3-16-11-24	NENW	16	11S	24E	ML-47080	825 FNL & 2116 FWL	43-047-36886	Undesignated	Gas
Asphalt Wash 4-16-11-24	NWNW	16	11S	24E	ML-47080	521 FNL & 766 FWL	43-047-36885	Undesignated	Gas
Asphalt Wash 5-16-11-24	SWNW	16	11S	24E	ML-47080	1880 FNL & 630 FWL	43-047-37089	Undesignated	Gas
Asphalt Wash 7-16-11-24	SWNE	16	11S	24E	ML-47080	1781 FNL & 1676 FEL	43-047-36874	Undesignated	Gas
Asphalt Wash 8-16-11-24	SENE	16	11S	24E	ML-47080	1905 FNL & 642 FEL	43-047-36875	Undesignated	Gas
Bonanza 14-20	SESW	20	9S	25E	ML-45558	838' FSL & 1,922' FWL	43-047-35930	Chapita Wells	Gas
Bonanza 4-20	NWNW	20	9S	25E	ML-45558	933' FNL & 583 FWL	43-047-35924	Chapita Wells	Gas
Bonanza 4-29	NWNW	29	9S	25E	ML-45559	600' FNL & 596' FWL	43-047-36010	Chapita Wells	Gas
Bonanza 4-36	NWNW	36	9S	24E	ML-46527	258' FNL & 862' FWL	43-047-35861	Natural Buttes	Gas
Bonanza 6-20	SENW	20	9S	25E	ML-45558	2,178' FNL & 1,839' FWL	43-047-35928	Chapita Wells	Gas
Buck Canyon 9-16-12-21	NESE	16	12S	21E	ML-47085	1980' FSL & 660' FEL	43-047-37091	Buck Canyon	Gas
Buck Canyon 11-16-12-21	NESW	16	12S	21W	ML-47085	NA	43-047-37119	Undesignated	Gas
Buck Canyon 13-16-21-21	SWSW	16	21S	21W	ML-47085	NA	43-047-37118	Undesignated	Gas
Buck Canyon 15-16-12-21	SWSE	16	12S	21W	ML-47085	NA	43-047-37120	Buck Canyon	Gas
East Bench 1-16	NENE	16	11S	22E	ML-46911	660' FNL & 660' FEL	43-047-36126	Undesignated	Gas
East Bench 15-16	SWSE	16	11S	22E	ML-46911	545' FSL & 1,848' FEL	43-047-36128	Undesignated	Gas
East Bench 3-16	NENW	16	11S	22E	ML-46911	832' FNL & 1,978' FWL	43-047-36125	Undesignated	Gas
East Bench 7-16	SWNE	16	11S	22E	ML-46911	1,909' FNL & 1,643' FEL	43-047-36127	Undesignated	Gas
East Bench 12-16-11-22	NWSW	16	11S	22E	ML-46911	1862 FSL & 838 FEL	43-047-37128	Undesignated	Gas
East Bench 13-16-11-22	SWSW	16	11S	22E	ML-46911	880 FSL & 750 FWL	43-047-37130	Undesignated	Gas
East Bench 14-16-11-22	SESW	16	11S	22E	ML-46911	848 FSL & 1930 FWL	43-047-37122	Undesignated	Gas
East Bench 16-16-11-22	SESE	16	11S	22E	ML-46911	663 FSL & 1055 FEL	43-047-37121	Undesignated	Gas
East Bench 2-16-11-22	NWNE	16	11S	22E	ML-46911	705 FNL & 2077 FEL	43-047-37125	Undesignated	Gas
East Bench 4-16-11-22	NWNW	16	11S	22E	ML-46911	760 FNL & 860 FWL	43-047-37126	Undesignated	Gas
East Bench 5-16-11-22	SWNW	16	11S	22E	ML-46911	1980 FNL & 758 FWL	43-047-37129	Undesignated	Gas
East Bench 6-16-11-22	SENW	16	11S	22E	ML-46911	1887 FNL & 2138 FWL	43-047-37124	Undesignated	Gas
East Bench 8-16-11-22	SENE	16	11S	22E	ML-46911	1880 FNL & 780 FEL	43-047-37127	Undesignated	Gas
East Bench 9-16-11-22	NESE	16	11S	22E	ML-46911	2035 FSL & 1422 FEL	43-047-37123	Undesignated	Gas
Gusher 6-2	SENW	2	6S	19E	ML-49144	1550 FNL 1025 FWL	43-047-36963	Moffit Canal	Oil
Hanging Rock 1-32	NENE	32	11S	23E	ML-47079	542' FNL & 690' FEL	43-047-36309	Undesignated	Gas
Little Pack Mountain 1-16	NWNW	16	12S	20E	ML-47082	609 FNL & 688 FEL	43-047-36981	Wildcat	Gas
Little Pack Mountain 7-32	SWNE	32	12S	20E	ML-47083	1792 FNL & 1797 FEL	43-047-36980	Wildcat	Gas
Rock House 12-36-10-23	NWSW	36	10S	23E	ML-47907	1844 FSL & 755 FWL	43-047-36534	Natural Buttes	Gas
Rock House 13-32-10-23	SWSW	32	10S	23E	ML-47063	564 FSL & 471 FWL	43-047-36411	Natural Buttes	Gas
Rock House 1-36-10-22	NENE	36	10S	22E	ML-47061	620 FNL & 850 FEL	43-047-36408	Natural Buttes	Gas
Rock House 3-36-10-22	NENW	36	10S	22E	ML-47061	934 FNL & 1783 FWL	43-047-36407	Natural Buttes	Gas
Rock House 4-32-10-23	SWNW	32	10S	23E	ML-47063	1406 FNL & 562 FWL	43-047-36412	Natural Buttes	Gas
Rock House 7-36-10-22	SWNE	36	10S	22E	ML-47061	2209 FNL & 2445 FEL	43-047-36409	Natural Buttes	Gas
Rock House 9-32-10-23	NESE	32	10S	23E	ML-47063	2008 FSL & 1042 FEL	43-047-36337	Natural Buttes	Gas
Rockhouse #13-36	SWSW	36	10S	22E	ML-46907	486 FSL & 844' FWL	43-047-35902	Natural Buttes	Gas
Rockhouse 16-2	SESE	2	11S	23E	ML-47078	909' FSL & 748' FEL	43-047-36152	Rockhouse	Gas
Seep Springs 10-13-12-24	NWSE	13	12S	24E	ML-49275	1950 FSL & 1802 FEL	43-047-36634	Undesignated	Gas
Seep Springs 1-13-12-24	NENE	13	12S	24E	ML-49275	753 FNL & 487 FEL	43-047-36628	Undesignated	Gas
Seep Springs 15-11-12-24	SWSE	11	12S	24E	ML-49274	829 FSL & 2178 FEL	43-047-36626	Undesignated	Gas
Seep Springs 15-13-12-24	SWSE	13	12S	24E	ML-49275	622 FSL & 1806 FEL	43-047-36630	Undesignated	Gas
Seep Springs 16-11-12-24	SESE	11	12S	24E	ML-49274	659 FSL & 466 FEL	43-047-36625	Undesignated	Gas
Seep Springs 16-13-12-24	SESE	13	12S	24E	ML-49275	686 FSL & 640 FEL	43-047-36629	Undesignated	Gas
Seep Springs 2-13-12-24	NWNE	13	12S	24E	ML-49275	465 FNL & 1807 FEL	43-047-36627	Undesignated	Gas
Seep Springs 7-13-12-24	SWNE	13	12S	24E	ML-49275	FNL & FEL	43-047-36631	Undesignated	Gas
Seep Springs 8-13-12-24	SENE	13	12S	24E	ML-49275	1969 FNL & 642 FEL	43-047-36632	Undesignated	Gas
Seep Springs 9-13-12-24	NESE	13	12S	24E	ML-49275	663 FSL & 1960 FEL	43-047-36633	Undesignated	Gas
Southman Canyon 11-36-9-23	NESW	36	9S	23E	ML-47782	1965 FSL & 1953 FWL	43-047-36535	Natural Buttes	Gas
Southman Canyon 13-36-9-23	SWSW	36	9S	23E	ML-47782	467 FSL & 829 FWL	43-047-36532	Natural Buttes	Gas

TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING

PREVIOUS OPERATOR: Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC

EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Southman Canyon 1-36-9-23	NENE	36	9S	23E	ML-47782	681 FNL & 496 FEL	43-047-36537	Natural Buttes	Gas
Southman Canyon 15-36-9-23	SWSE	36	9S	23E	ML-47782	529 FSL & 1784 FEL	43-047-36529	Natural Buttes	Gas
Southman Canyon 3-36-9-23	NENW	36	9S	23E	ML-47782	464 FNL & 1815 FWL	43-047-36530	Natural Buttes	Gas
Southman Canyon 5-36-9-23	SWNW	36	9S	23E	ML-47782	2028 FNL & 499 FWL	43-047-36531	Natural Buttes	Gas
Southman Canyon 7-36-9-23	SENE	36	9S	23E	ML-47782	2184 FNL & 1994 FEL	43-047-36536	Natural Buttes	Gas
Southman Canyon 9-36-9-23	NESE	36	9S	23E	ML-47782	1978 FNL & 657 FEL	43-047-36533	Natural Buttes	Gas

TRANSFER OF OPERATOR BLM PENDING WELLS

PREVIOUS OPERATOR: Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC

EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
Asphalt Wash 13-6	SW/SW	6	11S	24E	UTU-73919	400' FSL & 550' FWL	
Asphalt Wash 10-9-11-24	NW SE	9	11S	24E	UTU-73920	1846 FSL & 1942 FEL	43-047-37071
Asphalt Wash 11-9-11-24	NE SW	9	11S	24E	UTU-73920	1799 FSL & 1782 FWL	43-047-37073
Asphalt Wash 12-6-11-24	NW SW	6	11S	24E	UTU-73919	1844 FSL & 683 FWL	43-047-37066
Asphalt Wash 14-6-11-24	SE SW	6	11S	24E	UTU-73919	704 FSL & 2123 FWL	43-047-37067
Asphalt Wash 14-9-11-24	SE SW	9	11S	24E	UTU-73920	460 FSL & 2115 FWL	43-047-37076
Asphalt Wash 15-9-11-24	SW SE	9	11S	24E	UTU-73920	804 FSL & 1990 FEL	43-047-37074
Asphalt Wash 16-9-11-24	SE SE	9	11S	24E	UTU-73920	826 FSL & 472 FEL	43-047-37075
Asphalt Wash 2-6-11-24	NW NE	6	11S	24E	UTU-73919	735 FNL & 1590 FEL	43-047-37061
Asphalt Wash 2-7-11-24	NW NE	7	11S	24E	UTU-73919	621 FNL & 2462 FEL	43-047-37068
Asphalt Wash 2-9-11-24	NW NE	9	11S	24E	UTU-73920	829 FNL & 1774 FEL	43-047-37070
Asphalt Wash 3-6-11-24	NE NW	6	11S	24E	UTU-73919	792 FNL & 1925 FWL	43-047-37062
Asphalt Wash 4-6-11-24	NW NW	6	11S	24E	UTU-73919	820 FNL & 1007 FWL	43-047-37063
Asphalt Wash 5-6-11-24	SW NW	6	11S	24E	UTU-73919	1738 FNL & 716 FWL	43-047-37064
Asphalt Wash 6-7-11-24	SE NW	7	11S	24E	UTU-73919	2013 FNL & 2241 FWL	43-047-37069
Asphalt Wash 7-6-11-24	SW NE	6	11S	24E	UTU-73919	1616 FNL & 1615 FEL	43-047-37065
Asphalt Wash 7-9-11-24	SE NE	9	11S	24E	UTU-73920	1883 FNL & 1854 FEL	43-047-37072
Asphalt Wash 1-7-11-24	NE NE	7	11S	24E	UTU-73919	426 FNL & 270 FEL	43-047-37084
Asphalt Wash 4-7-11-24	NW NW	7	11S	24E	UTU-73919	856 FNL & 860 FWL	43-047-37085
Asphalt Wash 7-7-11-24	SW NE	7	11S	24E	UTU-73919	1909 FNL & 1893 FEL	43-047-37087
Asphalt Wash 8-7-11-24	SE NE	7	11S	24E	UTU-73919	1998 FNL & 683 FEL	43-047-37086
Bonanza 4-7	NW/NW	7	9S	24E	UTU-73457	809' FNL & 670' FWL	43-047-36017
Bonanza 8-17	SW/NE	17	9S	24E	UTU-73457	1865' FNL & 584' FEL	43-047-36041
Bonanza 11-11-9-23	NE SW	11	9S	23E	UTU-74426	2036 FSL & 2043 FWL	43-047-36649
Bonanza 11-12-9-23	NE SW	12	9S	23E	UTU-74426	1799 FSL & 1948 FWL	43-047-36655
Bonanza 11-18-9-24	NE SW	18	9S	24E	UTU-73457	1785 FSL & 2133 FWL	43-047-36637
Bonanza 12-23-9-24	NW/SW	23	9S	24E	UTU-81311	1882 FSL & 699 FWL	43-047-36640
Bonanza 12-35	NW/SW	35	9S	24E	UTU 73459	1374' FSL & 858' FWL	43-047-36020
Bonanza 13-11-9-23	SW SW	11	9S	23E	UTU-74426	463 FSL & 773 FWL	43-047-36650
Bonanza 13-12-9-23	SW SW	12	9S	23E	UTU-74426	661 FSL & 656 FWL	43-047-36528
Bonanza 13-18-9-24	SW SW	18	9S	24E	UTU-73457	767 FSL & 583 FWL	43-047-36638
Bonanza 14-11-9-23	SE SW	11	9S	23E	UTU-74426	756 FSL & 1859 FWL	43-047-36651
Bonanza 14-23-9-24	SE/SW	23	9S	24E	UTU-81311	560 FSL & 1878 FWL	43-047-36641
Bonanza 15-11-9-23	SW SE	11	9S	23E	UTU-74426	660 FSL & 1980 FEL	43-047-36652
Bonanza 15-12-9-23	SW SE	12	9S	23E	UTU-74426	607 FSL & 1920 FEL	43-047-36656
Bonanza 15-18-9-24	SW SE	18	9S	24E'	UTU-73457	463 FSL & 2162 FEL	43-047-36639
Bonanza 16-12-9-23	SE SE	12	9S	23E	UTU-74426	855 FSL & 536 FEL	43-047-36657
Bonanza 16-8	SE/SE	8	9S	24E	UTU-73457	588' FSL & 524' FEL	43-047-36101
Bonanza 2-11-9-23	NW NE	11	9S	23E	UTU 74426	664 FNL & 1925 FEL	43-047-36643
Bonanza 2-12-9-23	NW NE	12	9S	23E	UTU-74426	743 FNL & 1962 FEL	43-047-36527
Bonanza 3-11-9-23	NE NW	11	9S	23E	UTU 74426	499 FNL & 1898 FWL	43-047-36644
Bonanza 3-12-9-23	NE NW	12	9S	23E	UTU-74426	734 FNL & 1866 FWL	43-047-36524
Bonanza 4-35	NW/NW	35	9S	24E	UTU 73459	789' FNL & 807' FWL	43-047-35925
Bonanza 5-11-9-23	SW NW	11	9S	23E	UTU 74426	1794 FNL & 609 FWL	43-047-36645

TRANSFER OF OPERATOR BLM PENDING WELLS

PREVIOUS OPERATOR: Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC

EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
Bonanza 5-12-9-23	SW NW	12	9S	23E	UTU-74426	1996 FNL & 558 FWL	43-047-36526
Bonanza 5-18-9-24	SW NW	18	9S	24E	UTU-73457	2147 FNL & 662 FWL	43-047-36635
Bonanza 5-22	SW/NW	22	8S	25E	UTU-73470	1,932' FNL & 415' FWL	43-047-35918
Bonanza 5-24-9-24	SW/NW	24	9S	24E	UTU-73458	2167 FNL & 714 FWL	43-047-36642
Bonanza 6-11-9-23	SE NW	11	9S	23E	UTU-74426	2069 FNL & 1801 FWL	43-047-36646
Bonanza 6-12-9-23	SE NW	12	9S	23E	UTU-74426	2114 FNL & 1871 FWL	43-047-36525
Bonanza 7-11-9-23	SW NE	11	9S	23E	UTU-74426	2060 FNL & 2134 FEL	43-047-36647
Bonanza 7-12-9-23	SW NE	12	9S	23E	UTU-74426	2065 FNL & 2159 FEL	43-047-36653
Bonanza 8-35	SENE	35	9S	24E	UTU-73459	1987' FNL & 909' FEL	43-047-36105
Bonanza 9-11-9-23	NE SE	11	9S	23E	UTU-74426	2008 FSL & 553 FEL	43-047-36648
Bonanza 9-12-9-23	NE SE	12	9S	23E	UTU-74426	1980 FSL & 660 FEL	43-047-36654
Bonanza 9-18-9-24	NE SE	18	9S	24E	UTU-73457	2009 FSL & 852 FEL	43-047-36636
Bonanza 9-22	NE/SE	22	9S	24E	UTU-75118	1,969' FSL & 495' FEL	43-047-36102
East Bench 9-20	NE/SE	20	11S	22E	UTU-73905	2,170' FSL & 472' FEL	43-047-36275
Rock House 12-30-10-23	NE SW	30	10S	23E	UTU-76281	2320 FSL & 1980 FWL	43-047-36548
Rock House 12-31-10-23	NW SW	31	10S	23E	UTU-76281	1900 FSL & 460 FWL	43-047-36552
Rock House 13-30-10-23	SW SW	30	10S	23E	UTU-76281	553 FSL & 573 FWL	43-047-36549
Rock House 14-31-10-23	SE SW	31	10S	23E	UTU-76281	860 FSL & 1890 FWL	43-047-36553
Rock House 3-31-10-23	NE NW	31	10S	23E	UTU-76281	854 FNL & 1940 FWL	43-047-36551
Rock House 5-30-10-23	SW NW	30	10S	23E	UTU-76281	1858 FNL & 703 FWL	43-047-36547
Rock House 5-31-10-23	SW NW	31	10S	23E	UTU-76281	2055 FNL & 2097 FWL	43-047-36550
Rock House 6-31-10-23	SE NW	31	10S	23E	UTU-76281	2059 FNL & 2111 FWL	43-047-36554
Rockhouse #12-30	NW/SW	30	10S	23E	UTU-80571	1,980' FSL & 660' FWL	43-047-36018 X
Rockhouse 13C-31	SW/SW	31	10S	23E	UTU-76281	135' FSL & 365' FWL	43-047-35911
Rockhouse 4D-30	NW NW	30	10S	23E	UTU-76281	1,116 FNL & 1,135' FWL	43-047-35882
Rockhouse 4D-31	NW NW	31	10S	23E	UTU-76281	990' FNL & 990' FWL	43-047-35807
Southman Canyon 12-3-11-24	NW/SW	3	11S	24E	UTU-73918	1,950' FSL & 514' FWL	43-047-36272
Southman Canyon 12-30-10-24	NW/SW	30	10S	24E	UTU-65371	2,118' FSL & 502' FWL	43-047-36238
Southman Canyon 13-30	SW/SW	30	9S	24E	UTU-80571	765' FSL & 303' FWL	43-047-36018
Southman Canyon 16-31-10-24	SE/SE	31	10S	24E	UTU-65371	621' FSL & 575' FEL	43-047-36270
Southman Canyon 4-30-10-24	NW/NW	30	10S	24E	UTU 65371	649' FNL & 607' FWL	43-047-36237
Southman Canyon 5-19-10-24	SW/NW	19	10S	24E	UTU-65371	1,978' FNL & 855' FWL	43-047-36236
Southman Canyon 6-30	SE/NW	30	9S	24E	UTU-80571	2,015' FNL & 2,581' FWL	43-047-36103

X Duplicate API -
Different well name

OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2005
FROM: (Old Operator): N2525-The Houston Exploration Company 1100 Louisiana, Suite 2000 Houston, TX 77002 Phone: 1-(713) 830-6938	TO: (New Operator): N2750-Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, CO 80202 Phone: 1-(303) 350-5102	

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
BONANZA 3-12-9-23	12	090S	230E	4304736524		Federal	GW	APD	C
BONANZA 6-12-9-23	12	090S	230E	4304736525		Federal	GW	APD	C
BONANZA 5-12-9-23	12	090S	230E	4304736526		Federal	GW	APD	C
BONANZA 2-12-9-23	12	090S	230E	4304736527		Federal	GW	APD	C
BONANZA 13-12-9-23	12	090S	230E	4304736528		Federal	GW	APD	C
BONANZA 5-18-9-24	18	090S	240E	4304736635		Federal	GW	APD	C
ROCK HOUSE 5-30-10-23	30	100S	230E	4304736547		Federal	GW	APD	C
ROCK HOUSE 12-30-10-23	30	100S	230E	4304736548		Federal	GW	NEW	C
ROCK HOUSE 13-30-10-23	30	100S	230E	4304736549		Federal	GW	APD	C
ROCK HOUSE 5-31-10-23	31	100S	230E	4304736550		Federal	GW	NEW	C
ROCK HOUSE 3-31-10-23	31	100S	230E	4304736551		Federal	GW	APD	C
ROCK HOUSE 12-31-10-23	31	100S	230E	4304736552		Federal	GW	APD	C
ROCK HOUSE 14-31-10-23	31	100S	230E	4304736553		Federal	GW	APD	C
ROCK HOUSE 6-31-10-23	31	100S	230E	4304736554		Federal	GW	APD	C
SOUTHMAN CYN 5-19-10-24	19	100S	240E	4304736236		Federal	GW	APD	
SOUTHMAN CYN 4-30-10-24	30	100S	240E	4304736237		Federal	GW	APD	
SOUTHMAN CYN 12-30-10-24	30	100S	240E	4304736238		Federal	GW	APD	
SOUTHMAN CYN 16-31-10-24	31	100S	240E	4304736270		Federal	GW	APD	
EAST BENCH 9-20	20	110S	220E	4304736275		Federal	GW	APD	C
BUCK CAMP 4-25	25	110S	220E	4304736276		Federal	GW	APD	C
BUCK CAMP 4-26	26	110S	220E	4304736274		Federal	GW	APD	C
SOUTHMAN CYN 12-3-11-24	03	110S	240E	4304736272		Federal	GW	APD	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2005
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/26/2005
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/29/2005
- Is the new operator registered in the State of Utah: YES Business Number: 5771233-0161
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: _____ Requested 9/29/05
- Inspections of LA PA state/fee well sites complete on: n/a

6c. Reports current for Production/Disposition & Sundries on: 9/29/2005

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____ not yet

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the Oil and Gas Database on: 9/29/2005
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/29/2005
- Bond information entered in RBDMS on: 9/30/2005
- Fee/State wells attached to bond in RBDMS on: 9/30/2005
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/26/2005

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000173

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB0008031

2. The FORMER operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: n/a
		8. WELL NAME and NUMBER: Rock House 12-31-10-23
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		9. API NUMBER: 4304736552
2. NAME OF OPERATOR: Enduring Resources, LLC		10. FIELD AND POOL, OR WILDCAT: Wildcat
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY: Denver STATE: CO ZIP: 80202	PHONE NUMBER: (303) 350-5114	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,900' FSL - 460' FWL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 31 10S 23E S		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/15/2006</u> <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Request for APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 4-18-2006
TO: 4-18-2007

A well name change is pending...

FROM: Rock House 12-31-10-23
TO: Rock House 10-23-13-31

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 03-21-06
By: [Signature]

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>3/15/2006</u>

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736552
Well Name: Rock House 12-31-10-23
Location: 1,900' FSL - 460' FWL NWSW Sec. 31, 10S-23E
Company Permit Issued to: The Houston Exploration Company
Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

3/15/2006
Date

Title: Landman - Regulatory Specialist

Representing: Enduring Resources, LLC

RECEIVED

MAR 21 2006

DIV. OF OIL, GAS & MINING



Enduring Resources

475 17th Street Suite 1500 Denver Colorado 80202
Telephone 303 573-1222 Fax 303 573 0461

June 20, 2006

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC
Rock House 10-23-13-31
Surface Location: NW-SW 31-10S-23E
Federal Lease: UTU-76281
Bottom Hole Location: NW-SW 31-10S-23E
Federal Lease: UTU-76281
Uintah County, Utah

Dear Ms. Whitney:

Enclosed is one original application to drill concerning the above-referenced proposed well. These three original APD's have also been submitted to the BLM.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian
Landman-Regulatory Specialist

ara
Enclosures: As stated.

RECEIVED

JUN 26 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: UTU-76281	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: Enduring Resources, LLC			9. WELL NAME and NUMBER: Rock House 10-23-13-31	
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80220		PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1842' FSL - 142' FWL AT PROPOSED PRODUCING ZONE: 1976' FSL - 655' FWL			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 31 10S 23E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 38.2 North of Bonanza, UT			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 142'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1000' +	19. PROPOSED DEPTH: 8,305	20. BOND DESCRIPTION: RLB0008031		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5736' RT-KB	22. APPROXIMATE DATE WORK WILL START: 8/1/2006	23. ESTIMATED DURATION: 20 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
20"	14" line pipe	40	3 yards	Ready Mix	
11"	8-5/8" J-55 24#	2,000	Premium Lead	183 sxs	3.50 11.1
			Premium Tail	183 sxs	1.15 15.8
7-7/8"	4-1/2" N-80 11.6#	8,305	Class G	149 sxs	3.3 11.0
			50/50 Poz Class G	892 sxs	1.56 14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

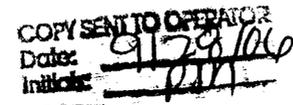
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist

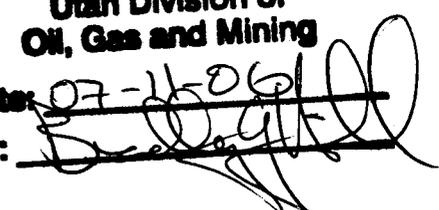
SIGNATURE  DATE 6/6/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-34552 APPROVAL: _____


Federal Approval of this Action is Necessary
 (See Instructions on Reverse Side)

Accepted by the Utah Division of Oil, Gas and Mining

Date: 07-11-06
By: 

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

June 21, 2006

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801
Attention: Ms. Diana Whitney

RE: Request for Exception Well Location
Rock House 10-23-13-31
Surface Location: NW-SW 31-10S-23E
Federal Lease: UTU-76281
Bottom Hole Location: NW-SW 31-10S-23E
Federal Lease: UTU-76281
Uintah County, Utah

Dear Ms. Whitney:

In order to avoid steep slopes and limit surface impact, Enduring Resources, LLC ("ERLLC") has staked the above-referenced well outside of the 400' drilling window. This is a multi-well pad and the bottom hole location is on-lease.

1. ERLLC is the only leasehold interest owner within 460 feet of any part of the well's proposed well bore and surface location.

Therefore,

A. *ERLLC grants itself permission for the well's exception surface and BHL locations.*

In the event there are any other outstanding matters preventing this APD from being approved, please let me know at your earliest convenience, 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

5. Lease Serial No. UTU-76281	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. N/A	
8. Lease Name and Well No. Rock House 10-23-13-31	
9. API Well No.	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area Sec 31 T10S R23E S.L.B.&M.
2. Name of Operator Enduring Resources, LLC	
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code) 303-350-5114
12. County or Parish Uintah	
13. State UT	
14. Distance in miles and direction from nearest town or post office* 38.2 miles North of Bonanza, UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 142'	16. No. of acres in lease 640
17. Spacing Unit dedicated to this well 40 acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1000' +	19. Proposed Depth 8,305'
20. BLM/BIA Bond No. on file BLM - UTB000173	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5736' RT-KB	22. Approximate date work will start* 08/01/2006
23. Estimated duration 20 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|--|--|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature	Name (Printed/Typed) Alvin R. (Al) Arlian	Date 06/20/2006
---------------	---	---------------------------

Title
Landman - Regulatory Specialist

Approved by (Signature)	Name (Printed/Typed)	Date
-------------------------	----------------------	------

Title	Office
-------	--------

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

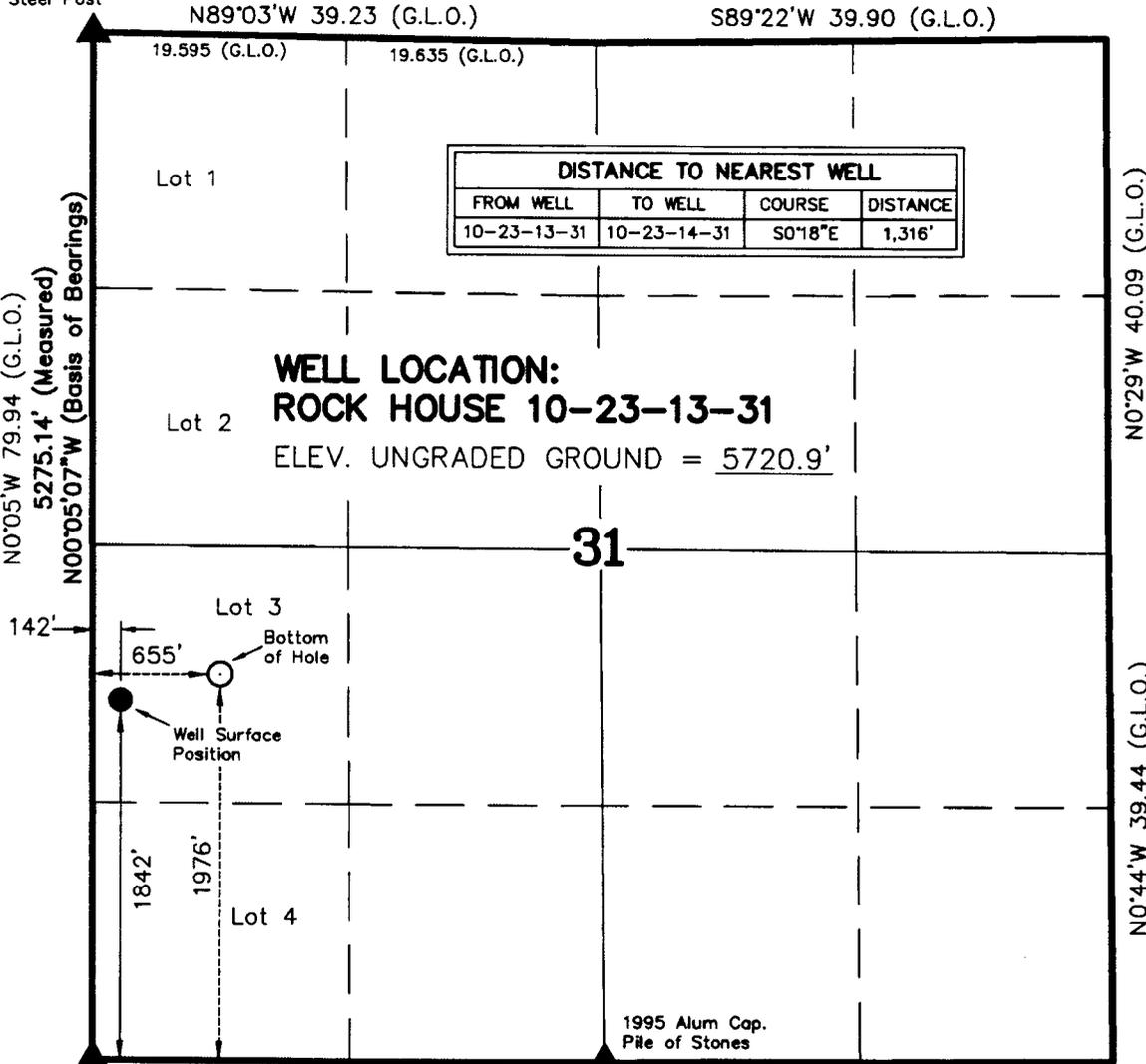
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

T10S, R23E, S.L.B.&M.

ENDURING RESOURCES

1991 Alum. Cap,
Pile of Stones,
Steel Post



WELL LOCATION, ROCK HOUSE
10-23-13-31, LOCATED AS SHOWN IN
LOT 3 OF SECTION 31, T10S, R23E,
S.L.B.&M. UINTAH COUNTY, UTAH.

NOTES:

- Well footages are measured at right angles to the Section Lines.
- The Bottom of hole bears N75°18'06"E 529.90' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- BASIS OF ELEVATION IS THE TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE 7.5 MINUTE QUADRANGLE. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE QUADRANGLE AS BEING 5238 FEET.



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. 362251
STATE OF UTAH
Kelly R. Kolby
KOLBY R.

1991 Alum. Cap,
Pile of Stones,
Steel Post

N89°59'52"E 2640.13' (Meas)
S89°59'W 40.00 (G.L.O.)

S89°44'W 39.84 (G.L.O.)

1995 Alum Cap.
Pile of Stones

▲ = SECTION CORNERS LOCATED

ROCK HOUSE 10-23-13-31
(Bottom Hole) NAD 83 Autonomous
LATITUDE = 39° 54' 12.83"
LONGITUDE = 109° 22' 35.49"

ROCK HOUSE 10-23-13-31
(Surface Position) NAD 83 Autonomous
LATITUDE = 39° 54' 11.50"
LONGITUDE = 109° 22' 42.06"

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 11-07-05	SURVEYED BY: K.R.K.	SHEET 2a OF 11
DATE DRAWN: 11-21-05	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	



PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

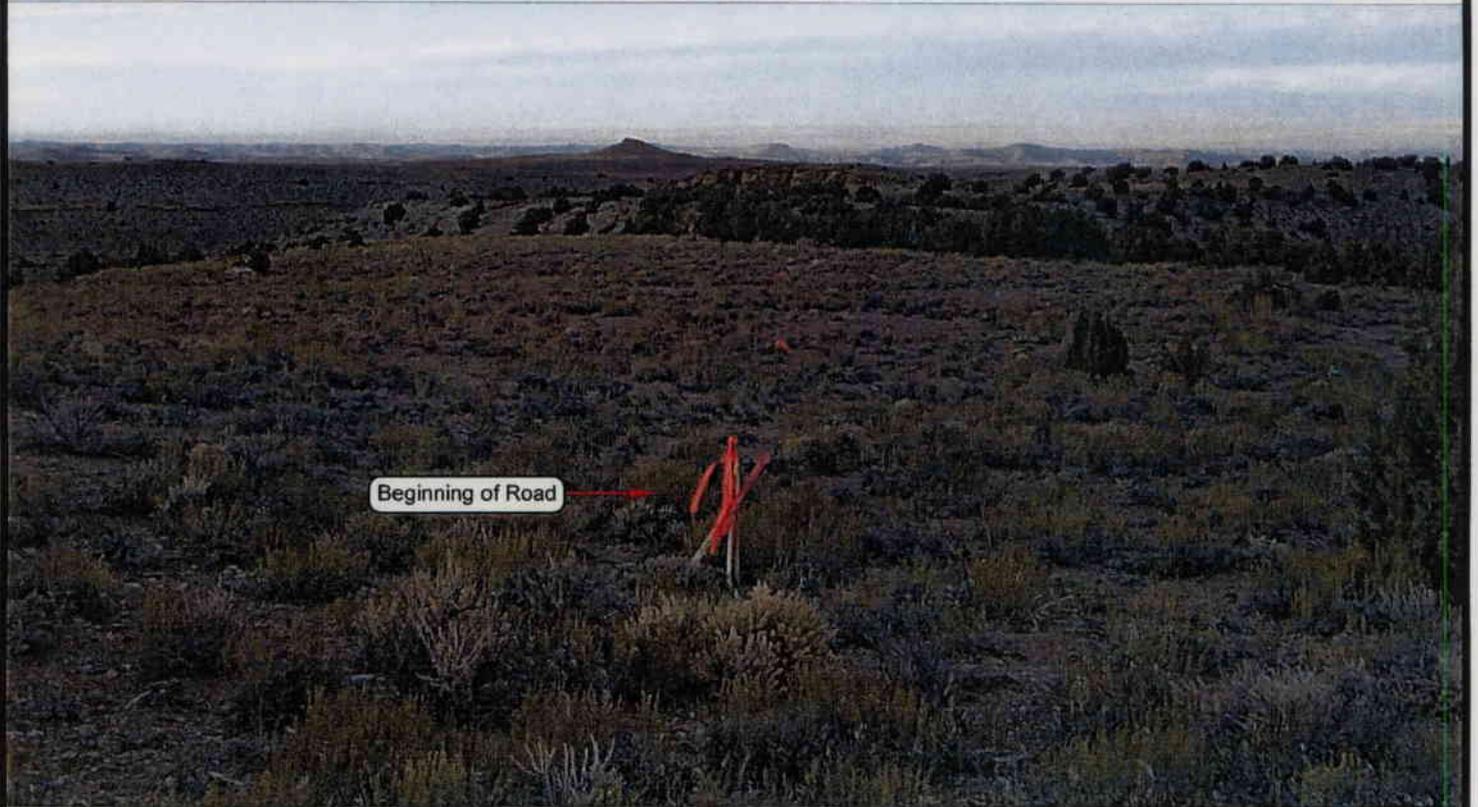


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHWESTERLY

ENDURING RESOURCES

**Rock House 10-23-13-31
 & Rock House 10-22-43-36
 SECTION 31, T10S, R23E, S.L.B.&M.
 1842' FSL & 142' FWL**

LOCATION PHOTOS

TAKEN BY: K.R.K.

DRAWN BY: B.J.Z.

DATE TAKEN: 11-07-05

DATE DRAWN: 11-23-05

REVISED:

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

**SHEET
 1
 OF 11**

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



BOTTOM HOLE FOOTAGES

ROCK HOUSE 10-23-13-31
1976' FSL & 655' FWL

ROCK HOUSE 10-22-43-36
1979' FSL & 662' FEL

SURFACE POSITION FOOTAGES:

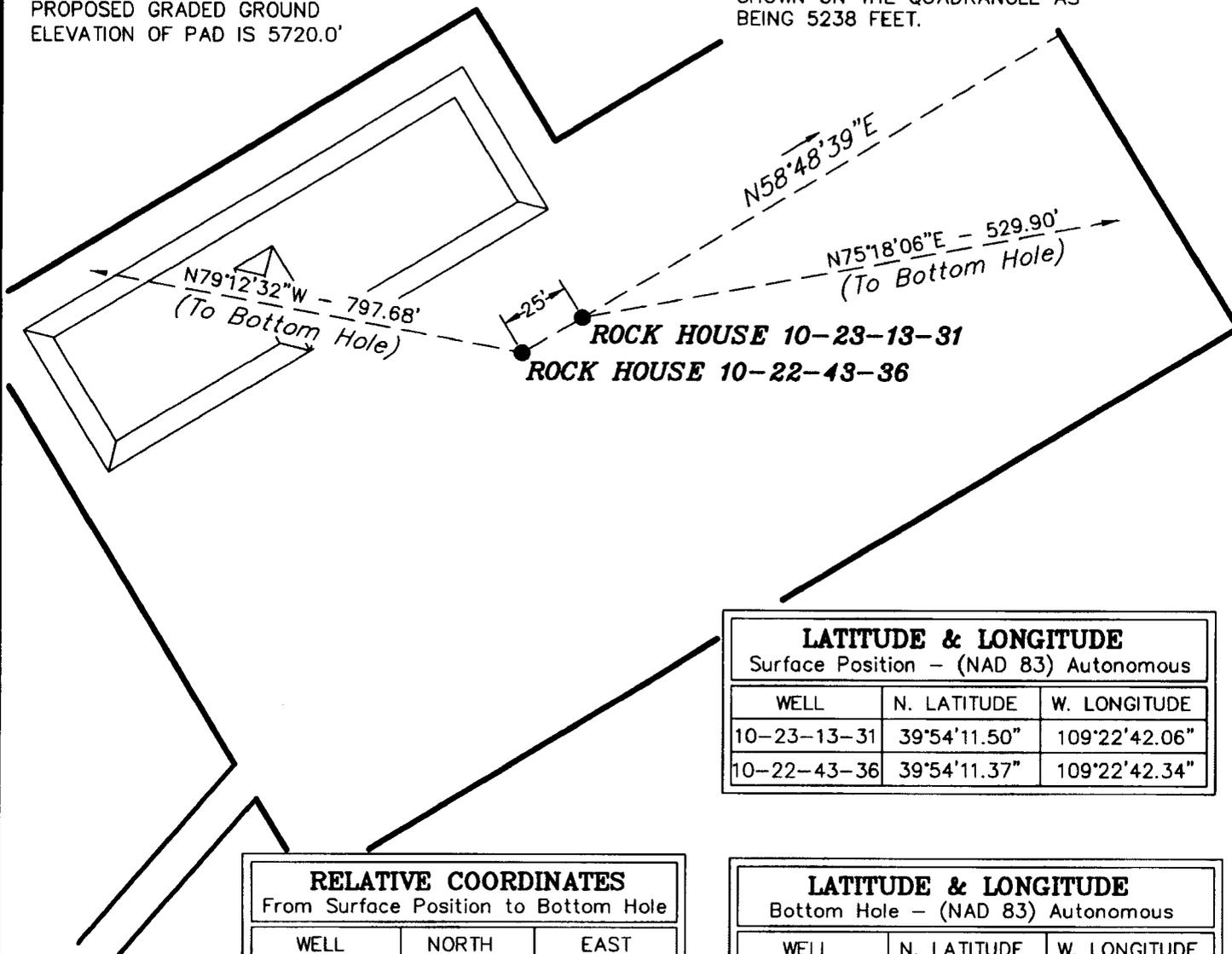
ROCK HOUSE 10-23-13-31
1842' FSL & 142' FWL

ROCK HOUSE 10-22-43-36
1829' FSL & 121' FWL

BASIS OF BEARINGS IS THE WEST LINE OF SECTION 31, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°05'07"W.

BASIS OF ELEVATION IS THE TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE 7.5 MINUTE QUADRANGLE. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE QUADRANGLE AS BEING 5238 FEET.

PROPOSED GRADED GROUND
ELEVATION OF PAD IS 5720.0'



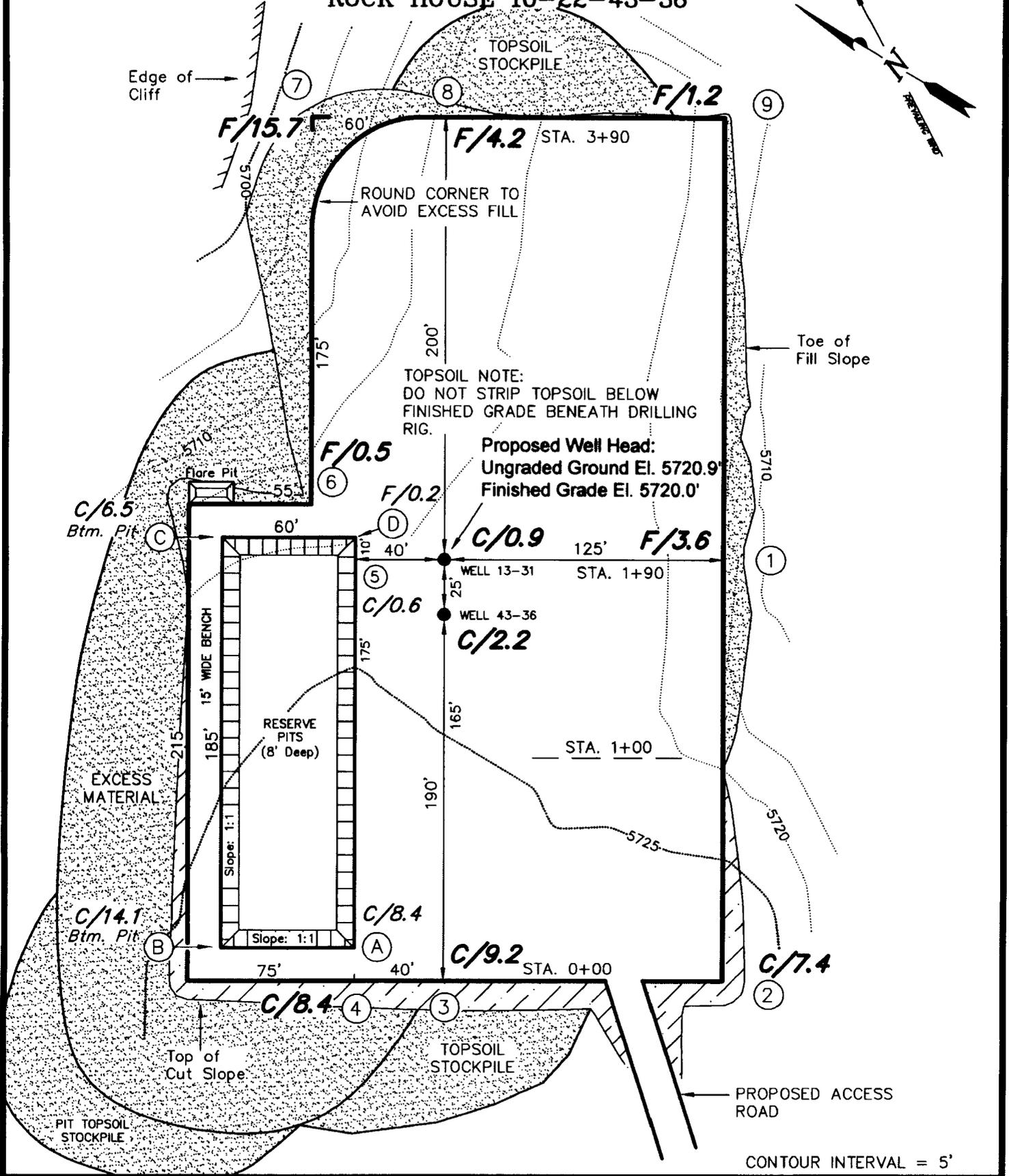
LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
10-23-13-31	39°54'11.50"	109°22'42.06"
10-22-43-36	39°54'11.37"	109°22'42.34"

RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
10-23-13-31	134'	513'
10-22-43-36	149'	-784

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
10-23-13-31	39°54'12.83"	109°22'35.49"
10-22-43-36	39°54'12.85"	109°22'52.39"

ENDURING RESOURCES

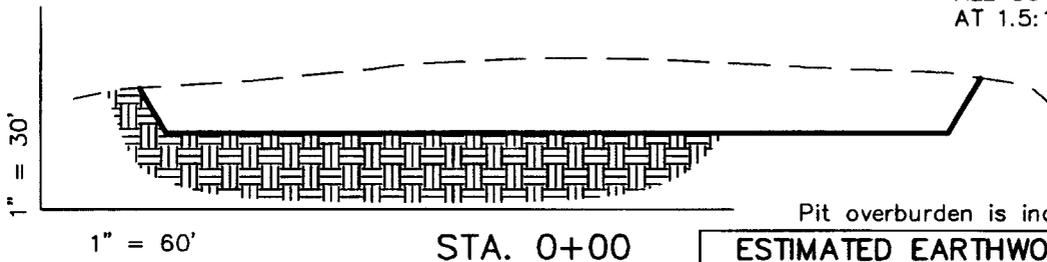
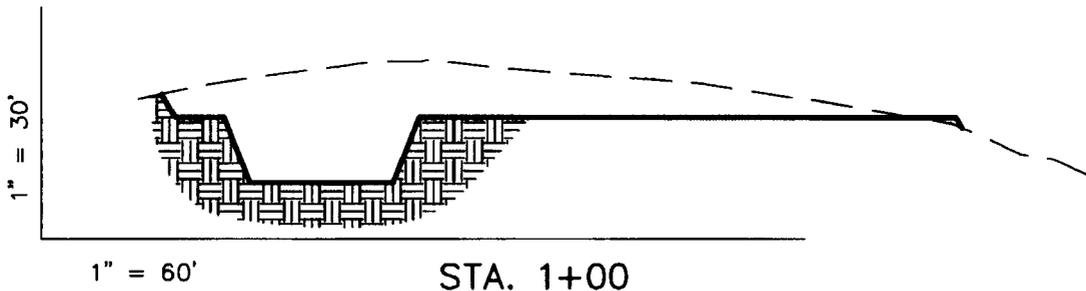
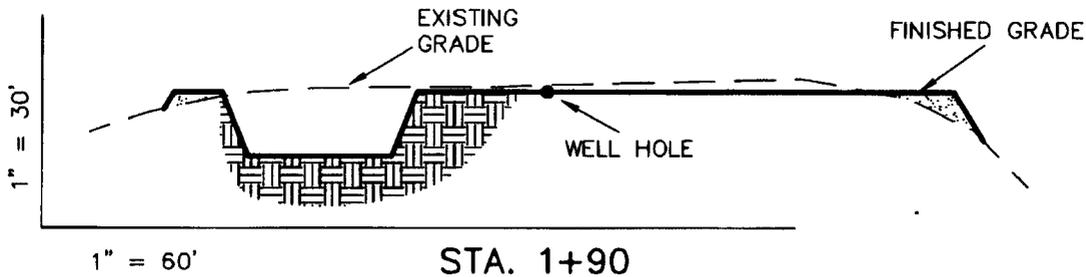
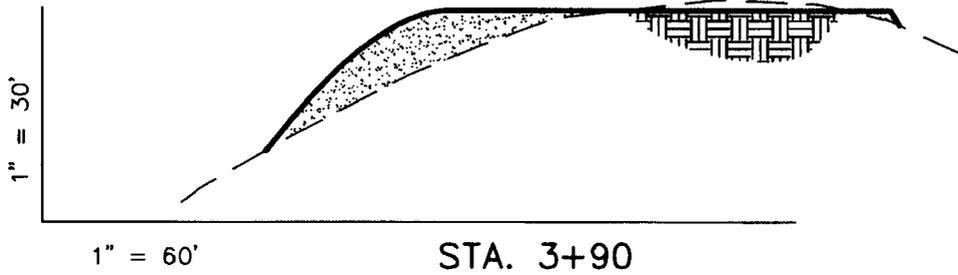
CUT SHEET - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 4 OF 11

ENDURING RESOURCES

CROSS SECTIONS - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,870	4,450	Topsoil is not included in Pad Cut	3,420
PIT	2,730	0		2,730
TOTALS	10,600	4,450	1,560	6,150

Excess Material after Pit Rehabilitation = 4,780 Cu. Yds.

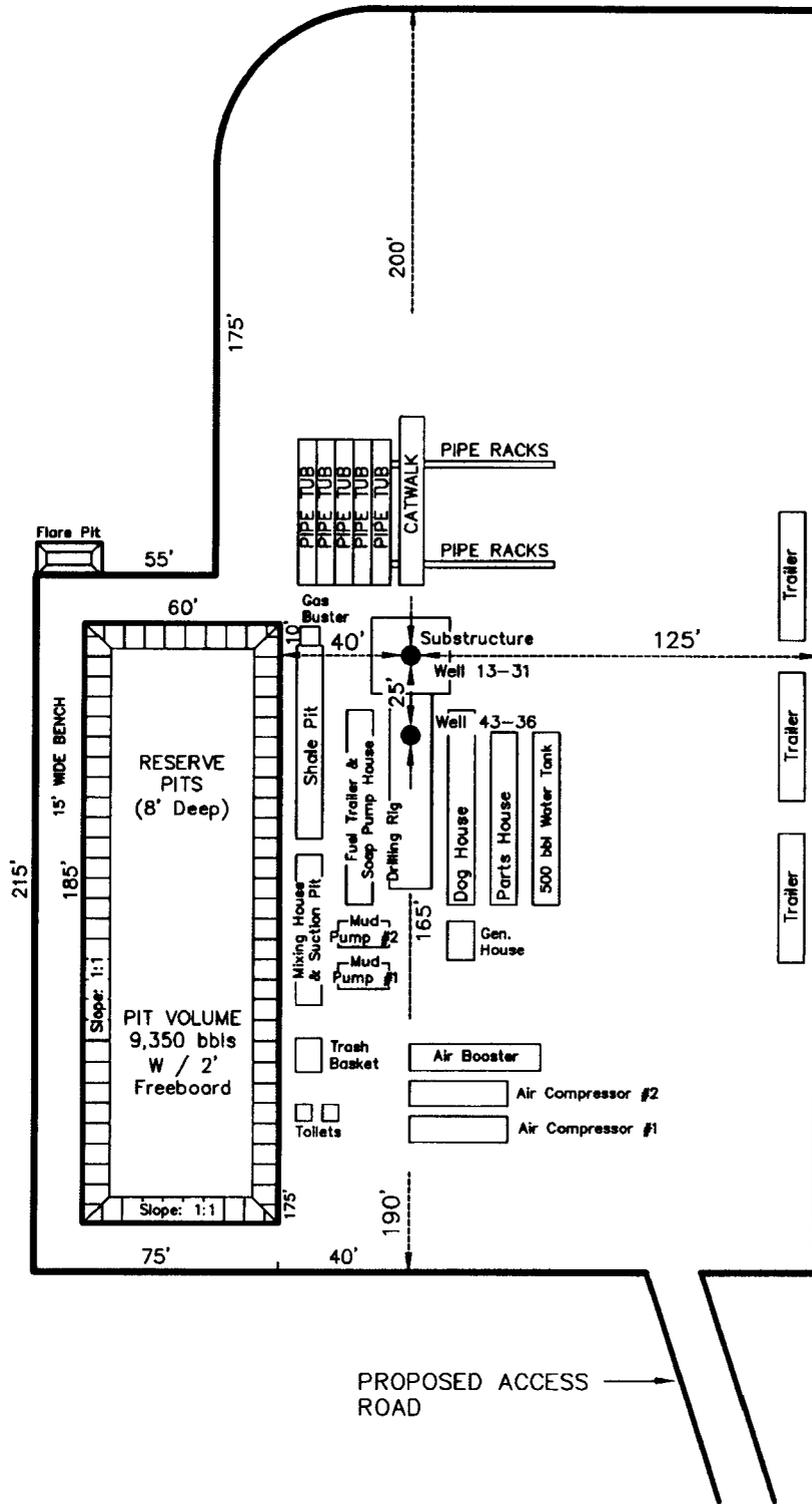
REFERENCE POINTS

253' NORTHERLY = 5712.1'
299' NORTHERLY = 5707.6'

Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	

ENDURING RESOURCES

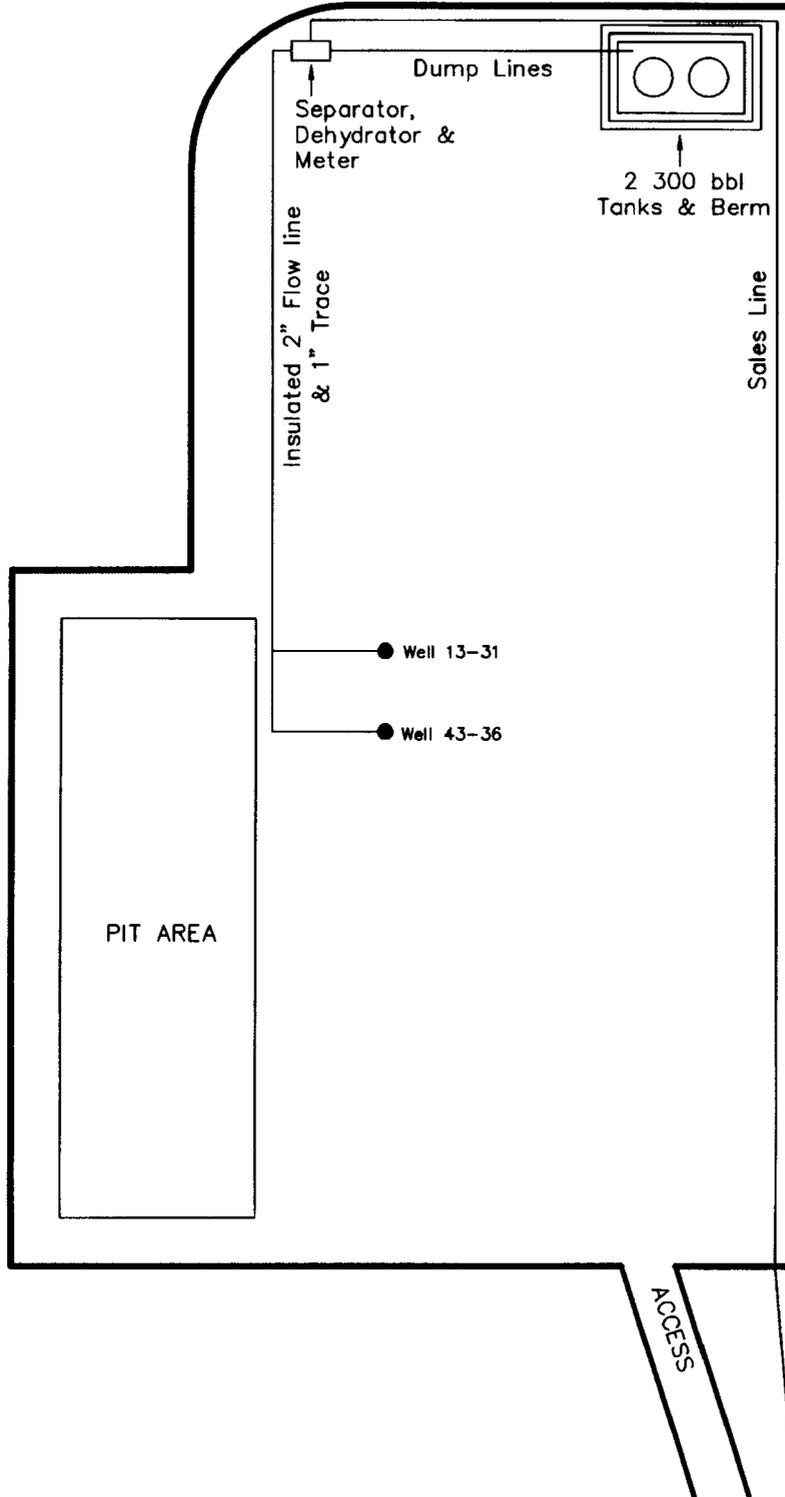
TYPICAL RIG LAYOUT – ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



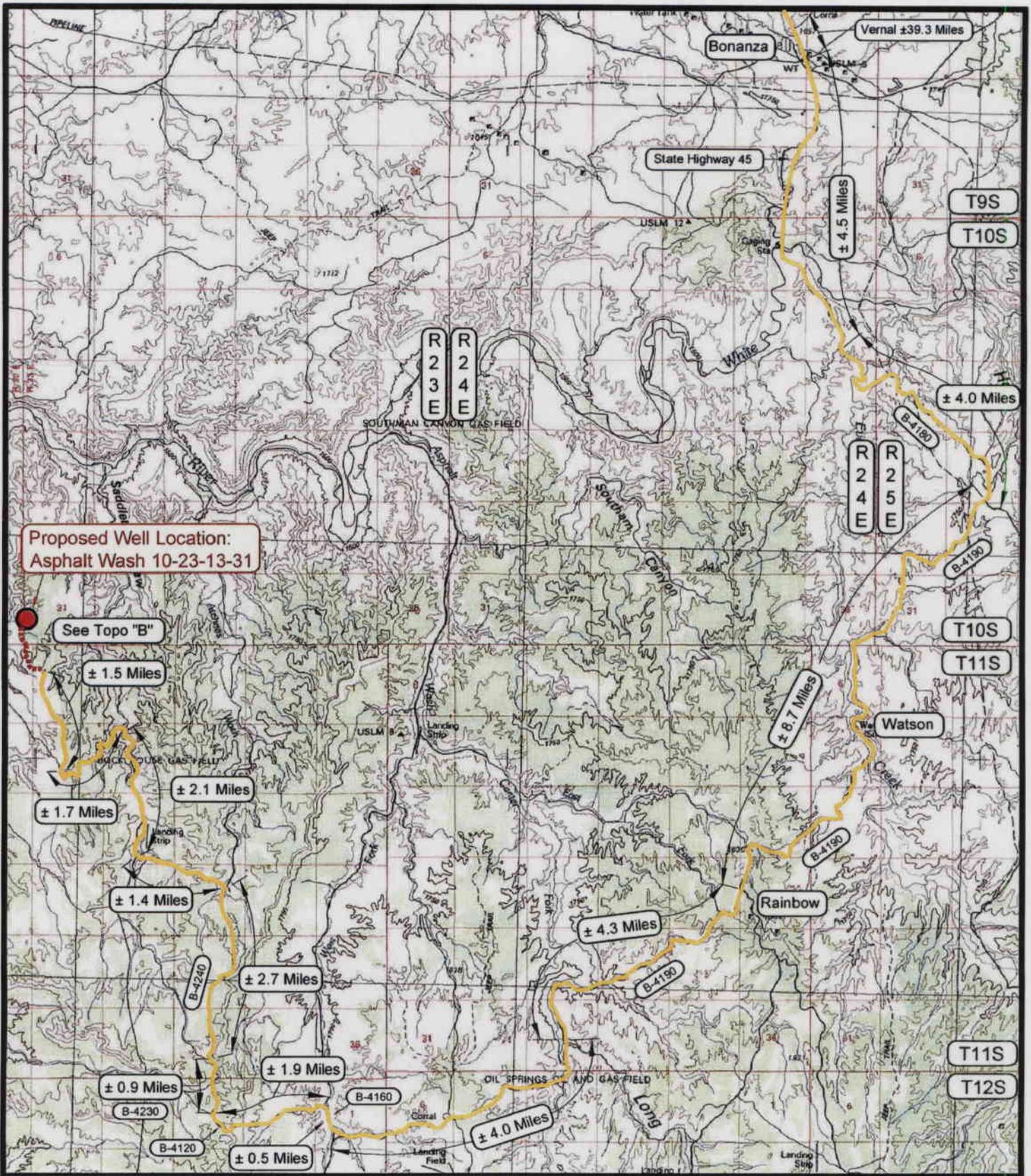
Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline <i>Land Surveying, Inc.</i> (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 6 OF 11

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36



Section 31, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NW SW	Footage Location: 1842' FSL & 142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	



**Proposed Well Location:
Asphalt Wash 10-23-13-31**

See Topo "B"

LEGEND

- = PROPOSED WELL LOCATION
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- - - - = PROPOSED ACCESS ROAD
- B-5460 = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "A"

DATE SURVEYED: 11-07-05

DATE DRAWN: 11-22-05

SCALE: 1"=10,000'

DRAWN BY: B.J.Z.

REVISED:

ENDURING RESOURCES

**Rock House 10-23-13-31 & Rock House 10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL**

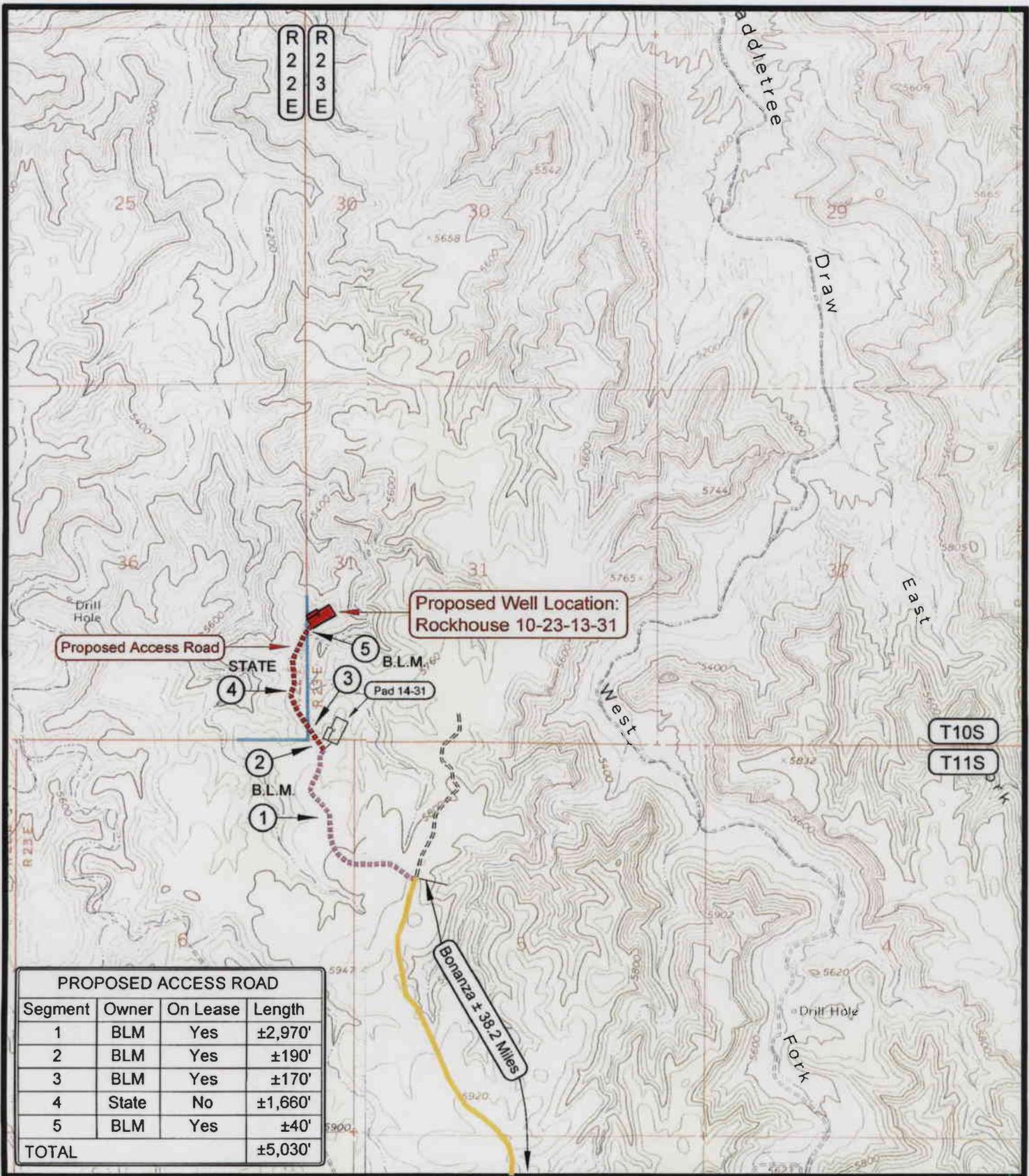
Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET

8

OF 11



PROPOSED ACCESS ROAD			
Segment	Owner	On Lease	Length
1	BLM	Yes	±2,970'
2	BLM	Yes	±190'
3	BLM	Yes	±170'
4	State	No	±1,660'
5	BLM	Yes	±40'
TOTAL			±5,030'

LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = SHARED ACCESS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE



ENDURING RESOURCES

Rock House 10-23-13-31 & Rock House 10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 11-07-05

DATE DRAWN: 11-22-05

SCALE: 1" = 2000'

DRAWN BY: B.J.Z.

REVISED:

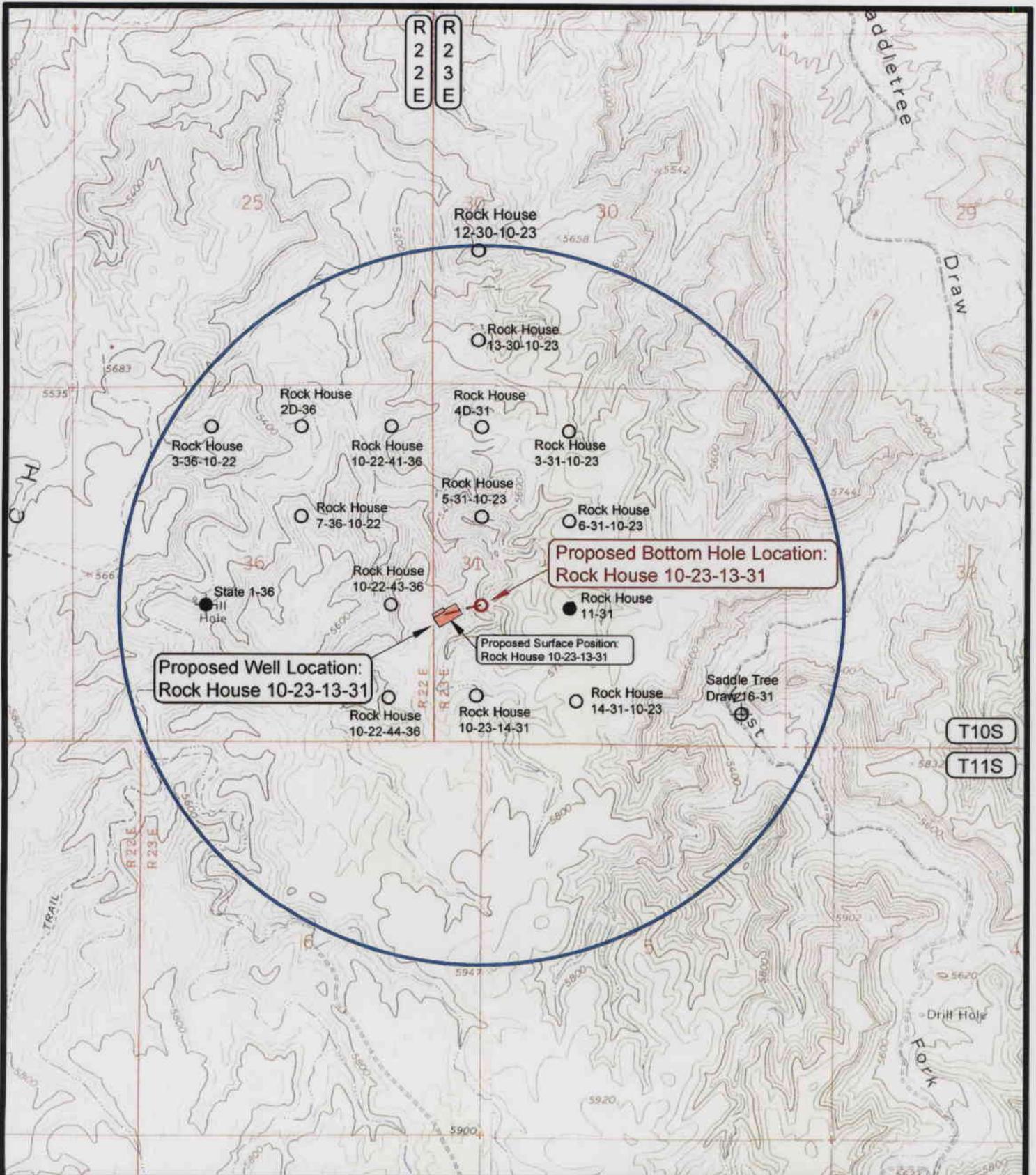
Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET

9

OF 11



Proposed Well Location:
Rock House 10-23-13-31

Proposed Bottom Hole Location:
Rock House 10-23-13-31

Proposed Surface Position:
Rock House 10-23-13-31

LEGEND

- ∅ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ∅ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊕ = ABANDONED LOCATION

ENDURING RESOURCES

Rock House 10-23-13-31
SECTION 31, T10S, R23E, S.L.B.&M.
Bottom Hole: 1976' FSL & 665' FWL

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 11-07-05

DATE DRAWN: 11-22-05

SCALE: 1" = 2000'

DRAWN BY: B.J.Z.

REVISED:

Timberline Land Surveying, Inc.

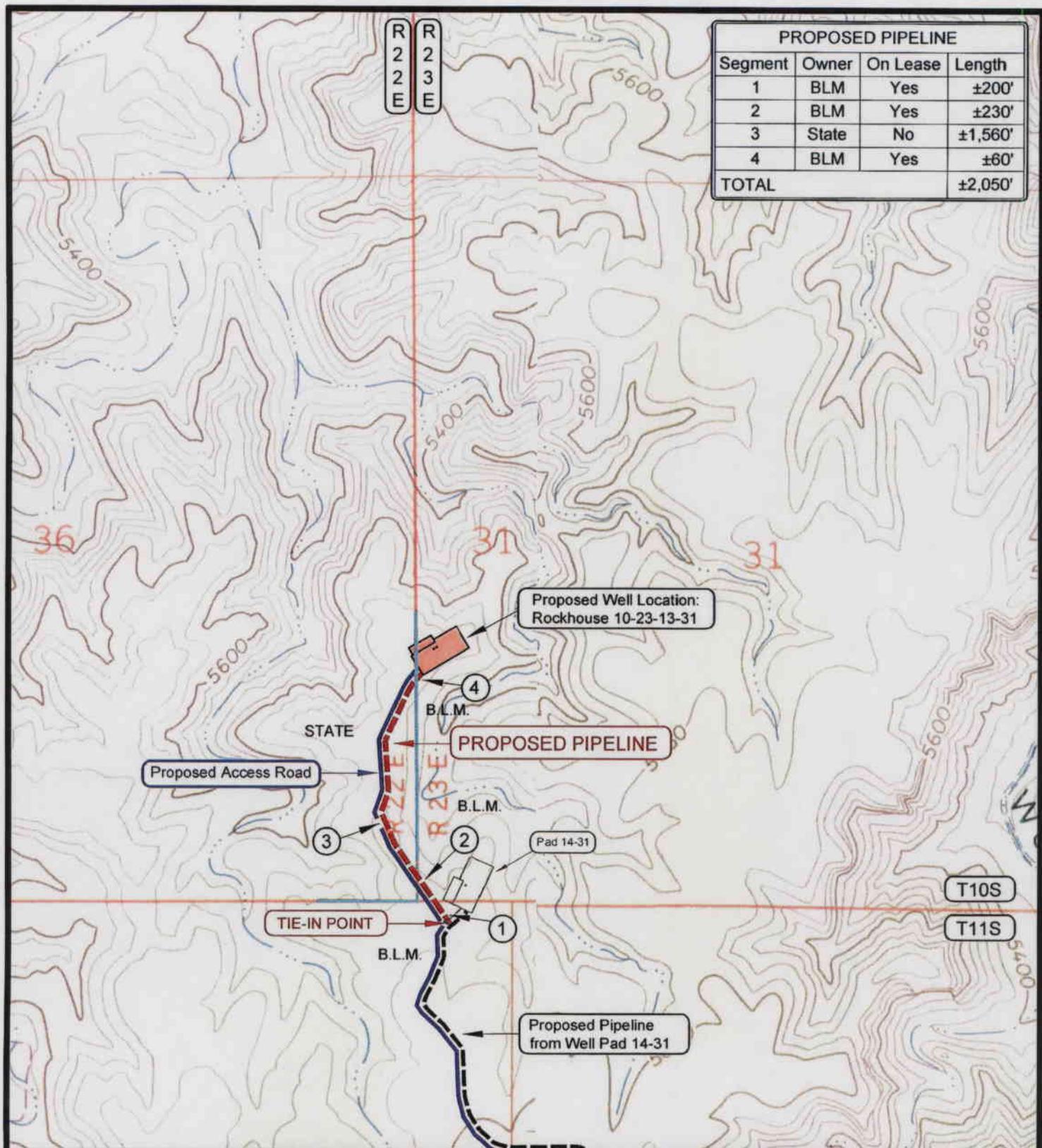
38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET

10a

OF 11

PROPOSED PIPELINE			
Segment	Owner	On Lease	Length
1	BLM	Yes	±200'
2	BLM	Yes	±230'
3	State	No	±1,560'
4	BLM	Yes	±60'
TOTAL			±2,050'



APPROXIMATE PIPELINE LENGTH = 2,050 FEET

LEGEND

- = OTHER PIPELINE
- = PROPOSED PIPELINE
- = PROPOSED ACCESS ROAD
- = LEASE LINE AND / OR PROPERTY LINE

ENDURING RESOURCES

Rock House 10-23-13-31 & Rock House 10-22-43-36
SECTION 31, T10S, R23E, S.L.B.&M.
1842' FSL & 142' FWL

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 11-07-05

DATE DRAWN: 11-23-05

SCALE: 1" = 1000'

DRAWN BY: B.J.Z.

REVISED:

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET 11 OF 11



ENDURING RESOURCES
Rock House 10-23-13-31
NW/SW Sec. 31, T10S, R23E
Uintah County, Utah



Weatherford

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	KOP	
2	2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	End Build	
3	2571.81	10.00	75.30	2569.28	11.04	42.07	2.00	75.30	43.49	Start Drop	
4	4872.91	10.00	75.30	4835.44	112.40	428.42	0.00	0.00	442.92	End Drop	
5	5872.53	0.00	75.30	5830.00	134.47	512.56	1.00	180.00	529.90	TD	
6	8347.53	0.00	75.30	8305.00	134.47	512.56	0.00	75.30	529.90		

FIELD DETAILS	
Uintah, Utah Utah Central Zone U.S.A.	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	Utah, Central Zone
Magnetic Model:	igr2005
System Datum:	Mean Sea Level
Local North:	True North

SITE DETAILS	
NW/SW 31-10S-23E Pad Sec. 31, T10S, R23E, Uintah County, Utah 1829 FSL & 121 FWL	
Site Centre Latitude:	39°54'11.370N
Longitude:	109°22'42.340W
Ground Level:	5720.00
Positional Uncertainty:	0.00
Convergence:	1.36

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Rock House 10-23-13-31	13.00	20.98	7140535.36	2235551.07	39°54'11.498N	109°22'42.071W	N/A

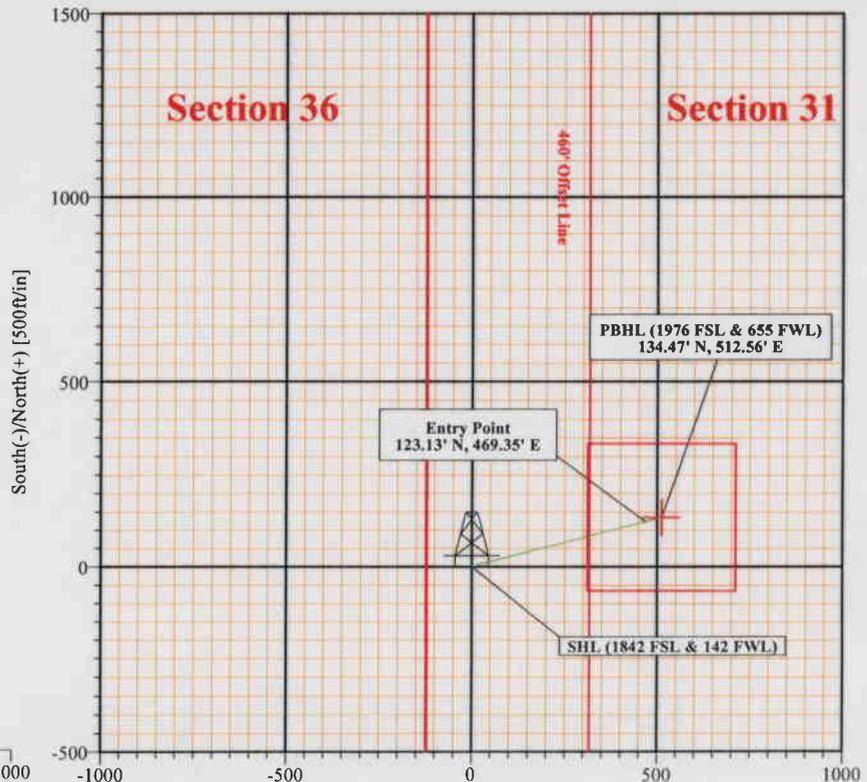
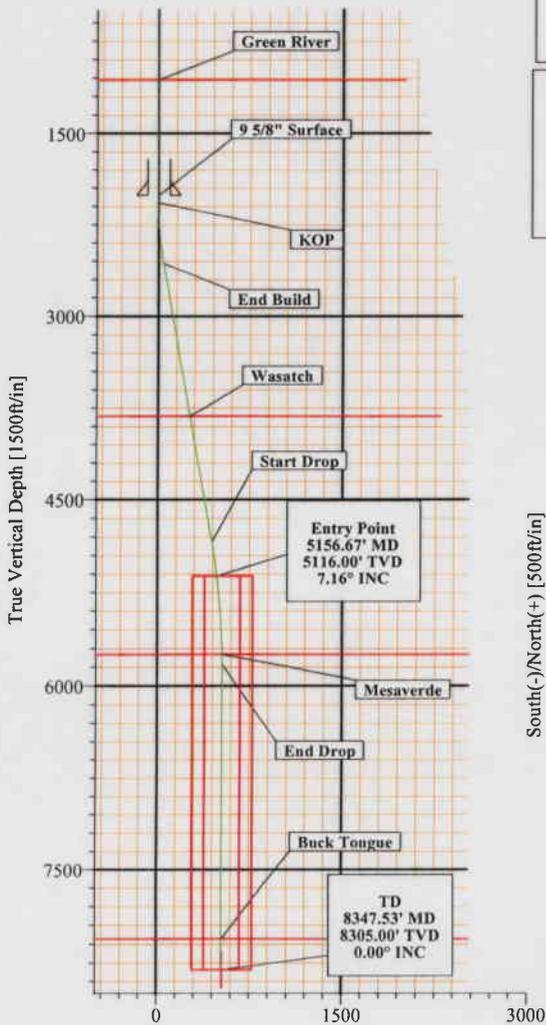
TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
10-23-13-31 Target	8305.00	134.47	512.56	Rectangle (400x400)

CASING DETAILS				
No.	TVD	MD	Name	Size
1	2012.00	2012.00	9 5/8" Surface	9.625

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	1066.00	1066.00	Green River
2	3816.00	3837.75	Wasatch
3	5744.00	5786.52	Mesaverde
4	8056.00	8098.53	Buck Tongue



RKB Elevation: 5736
 Ground Elevation: 5720



Vertical Section at 75.30° [1500ft/in]

Created By: Scott Wallace 6/7/06

West(-)/East(+) [500ft/in]

Weatherford International Planning Report

Company:	Weatherford International	Date:	07/2006	Time:	10:00
Field:	Uintah, Utah	Geographic Reference:	Well:	Rock House 10-23-13-31	Page:
Site:	NW/SW 31-10S-23E	Vertical Reference:	Slot:	10-23-13-31	
Well:	Rock House 10-23-13-31	Section Reference:	Well:	Rock House 10-23-13-31	
Wellpath:		Plan:	Plan:		

Field: Uintah, Utah Utah Central Zone U.S.A. Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level	Map Zone: Utah, Central Zone Coordinate System: Well Centre Geomagnetic Model: igrf2005
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Site: NW/SW 31-10S-23E Pad Sec. 31, T10S, R23E, Uintah County, Utah 1829 FSL & 121 FWL	
Site Position:	Northing: 7140521.87 ft
From: Geographic	Latitude: 39 54 11.370 N
Position Uncertainty: 0.00 ft	Easting: 2235530.41 ft
Ground Level: 5720.00 ft	Longitude: 109 22 42.340 W
	North Reference: True
	Grid Convergence: 1.36 deg

Well: Rock House 10-23-13-31	Slot Name:
Well Position: +N/-S 13.00 ft	Northing: 7140535.36 ft
+E/-W 20.98 ft	Latitude: 39 54 11.498 N
Position Uncertainty: 0.00 ft	Easting: 2235551.07 ft
	Longitude: 109 22 42.071 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 6/7/2006	Above System Datum: Mean Sea Level
Field Strength: 52850 nT	Declination: 11.65 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.94 deg
ft	+N/-S
	ft
	+E/-W
	deg
8305.00	0.00
	0.00
	75.30

Plan: Plan #1	Date Composed: 6/7/2006
Principal: Yes	Version: 1
	Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2571.81	10.00	75.30	2569.28	11.04	42.07	2.00	2.00	0.00	75.30	
4872.91	10.00	75.30	4835.44	112.40	428.42	0.00	0.00	0.00	0.00	
5872.53	0.00	75.30	5830.00	134.47	512.56	1.00	-1.00	0.00	180.00	
8347.53	0.00	75.30	8305.00	134.47	512.56	0.00	0.00	0.00	75.30	10-23-13-31 Target

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	75.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
2012.00	0.00	75.30	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30

Section 2 : Start Build 2.00

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2100.00	0.56	75.30	2100.00	0.03	0.13	0.14	2.00	2.00	0.00	0.00
2200.00	2.56	75.30	2199.96	0.73	2.77	2.86	2.00	2.00	0.00	0.00
2300.00	4.56	75.30	2299.76	2.30	8.77	9.07	2.00	2.00	0.00	0.00
2400.00	6.56	75.30	2399.28	4.76	18.14	18.76	2.00	2.00	0.00	0.00
2500.00	8.56	75.30	2498.41	8.10	30.87	31.91	2.00	2.00	0.00	0.00
2571.81	10.00	75.30	2569.28	11.04	42.07	43.49	2.00	2.00	0.00	0.00

Weatherford International Planning Report

Company:	Weatherford	Date:	02/2003	Page:	1 of 1
Field:	Weatherford	Coordinate:	29.333333, 102.116667	Page:	1 of 1
Site:	Rockhouse	Section:	MSRR0000		
Well:	Rockhouse-0020	Plan:	000		

Section 3 : Start Hold

MD ft	Incl deg	Walm deg	TVD ft	N/S ft	EW ft	VS ft	D/S deg/100ft	Bullh deg/100ft	Turn deg/100ft	TRR deg
2600.00	10.00	75.30	2597.04	12.28	46.80	48.38	0.00	0.00	0.00	0.00
2700.00	10.00	75.30	2695.52	16.68	63.59	65.74	0.00	0.00	0.00	0.00
2800.00	10.00	75.30	2794.00	21.09	80.38	83.10	0.00	0.00	0.00	0.00
2900.00	10.00	75.30	2892.49	25.49	97.17	100.46	0.00	0.00	0.00	0.00
3000.00	10.00	75.30	2990.97	29.90	113.96	117.82	0.00	0.00	0.00	0.00
3100.00	10.00	75.30	3089.45	34.30	130.75	135.17	0.00	0.00	0.00	0.00
3200.00	10.00	75.30	3187.93	38.71	147.54	152.53	0.00	0.00	0.00	0.00
3300.00	10.00	75.30	3286.41	43.11	164.33	169.89	0.00	0.00	0.00	0.00
3400.00	10.00	75.30	3384.90	47.52	181.12	187.25	0.00	0.00	0.00	0.00
3500.00	10.00	75.30	3483.38	51.92	197.91	204.61	0.00	0.00	0.00	0.00
3600.00	10.00	75.30	3581.86	56.33	214.70	221.97	0.00	0.00	0.00	0.00
3700.00	10.00	75.30	3680.34	60.73	231.49	239.32	0.00	0.00	0.00	0.00
3800.00	10.00	75.30	3778.82	65.14	248.28	256.68	0.00	0.00	0.00	0.00
3837.75	10.00	75.30	3816.00	66.80	254.62	263.24	0.00	0.00	0.00	0.00
3900.00	10.00	75.30	3877.31	69.54	265.07	274.04	0.00	0.00	0.00	0.00
4000.00	10.00	75.30	3975.79	73.95	281.86	291.40	0.00	0.00	0.00	0.00
4100.00	10.00	75.30	4074.27	78.35	298.65	308.76	0.00	0.00	0.00	0.00
4200.00	10.00	75.30	4172.75	82.75	315.44	326.12	0.00	0.00	0.00	0.00
4300.00	10.00	75.30	4271.23	87.16	332.23	343.47	0.00	0.00	0.00	0.00
4400.00	10.00	75.30	4369.71	91.56	349.02	360.83	0.00	0.00	0.00	0.00
4500.00	10.00	75.30	4468.20	95.97	365.81	378.19	0.00	0.00	0.00	0.00
4600.00	10.00	75.30	4566.68	100.37	382.60	395.55	0.00	0.00	0.00	0.00
4700.00	10.00	75.30	4665.16	104.78	399.39	412.91	0.00	0.00	0.00	0.00
4800.00	10.00	75.30	4763.64	109.18	416.18	430.27	0.00	0.00	0.00	0.00
4872.91	10.00	75.30	4835.44	112.40	428.42	442.92	0.00	0.00	0.00	0.00

Section 4 : Start Drop -1.00

MD ft	Incl deg	Walm deg	TVD ft	N/S ft	EW ft	VS ft	D/S deg/100ft	Bullh deg/100ft	Turn deg/100ft	TRR deg
4900.00	9.73	75.30	4862.14	113.57	432.91	447.56	1.00	-1.00	0.00	180.00
5000.00	8.73	75.30	4960.84	117.64	448.42	463.59	1.00	-1.00	0.00	180.00
5100.00	7.73	75.30	5059.81	121.27	462.26	477.90	1.00	-1.00	0.00	180.00
5156.67	7.16	75.30	5116.00	123.13	469.35	485.24	1.00	-1.00	0.00	180.00
5200.00	6.73	75.30	5159.02	124.46	474.42	490.48	1.00	-1.00	0.00	-180.00
5300.00	5.73	75.30	5258.42	127.21	484.91	501.32	1.00	-1.00	0.00	180.00
5400.00	4.73	75.30	5358.01	129.53	493.72	510.43	1.00	-1.00	0.00	180.00
5500.00	3.73	75.30	5457.73	131.39	500.85	517.79	1.00	-1.00	0.00	180.00
5600.00	2.73	75.30	5557.58	132.82	506.29	523.42	1.00	-1.00	0.00	180.00
5700.00	1.73	75.30	5657.50	133.81	510.04	527.30	1.00	-1.00	0.00	180.00
5786.52	0.86	75.30	5744.00	134.30	511.93	529.25	1.00	-1.00	0.00	180.00
5800.00	0.73	75.30	5757.47	134.35	512.11	529.44	1.00	-1.00	0.00	-180.00
5872.53	0.00	75.30	5830.00	134.47	512.56	529.90	1.00	-1.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Walm deg	TVD ft	N/S ft	EW ft	VS ft	D/S deg/100ft	Bullh deg/100ft	Turn deg/100ft	TRR deg
5900.00	0.00	75.30	5857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6000.00	0.00	75.30	5957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6100.00	0.00	75.30	6057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6200.00	0.00	75.30	6157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6300.00	0.00	75.30	6257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6400.00	0.00	75.30	6357.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6500.00	0.00	75.30	6457.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6600.00	0.00	75.30	6557.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6700.00	0.00	75.30	6657.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6800.00	0.00	75.30	6757.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6900.00	0.00	75.30	6857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7000.00	0.00	75.30	6957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7100.00	0.00	75.30	7057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7200.00	0.00	75.30	7157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7300.00	0.00	75.30	7257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7400.00	0.00	75.30	7357.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30

Weatherford International Planning Report

Company: Weatherford International	Date: 08/27/2013	Time: 10:00:00	Page: 1 of 8
Well: 2013-001	Coordinate: 100.000000	East: 100.000000	True North
Site: 2013-001	Weather: MWD	Altitude: 0.00	
Well: 2013-001	Section: 5	Well: 2013-001	
Well: 2013-001	Plan:		

Section 5 : Start Hold

MD	Incl Deg	Adv deg	WVD	N/S	RAW	VS	DLS	Bull	Rate	INCL
in	deg	deg	in	in	in	in	deg/100	deg/100	deg/100	deg
7500.00	0.00	75.30	7457.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7600.00	0.00	75.30	7557.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7700.00	0.00	75.30	7657.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7800.00	0.00	75.30	7757.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7900.00	0.00	75.30	7857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8000.00	0.00	75.30	7957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8098.53	0.00	75.30	8056.00	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8100.00	0.00	75.30	8057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8200.00	0.00	75.30	8157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8300.00	0.00	75.30	8257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8347.53	0.00	75.30	8305.00	134.47	512.56	529.90	0.00	0.00	0.00	75.30

Survey

MD	Incl Deg	Adv deg	WVD	N/S	RAW	VS	DLS	Bull	Rate	INCL
in	deg	deg	in	in	in	in	deg/100	deg/100	deg/100	deg
2000.00	0.00	75.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	75.30	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	9 5/8" Surface
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	0.56	75.30	2100.00	0.03	0.13	0.14	2.00	2.00	0.00	MWD
2200.00	2.56	75.30	2199.96	0.73	2.77	2.86	2.00	2.00	0.00	MWD
2300.00	4.56	75.30	2299.76	2.30	8.77	9.07	2.00	2.00	0.00	MWD
2400.00	6.56	75.30	2399.28	4.76	18.14	18.76	2.00	2.00	0.00	MWD
2500.00	8.56	75.30	2498.41	8.10	30.87	31.91	2.00	2.00	0.00	MWD
2571.81	10.00	75.30	2569.28	11.04	42.07	43.49	2.00	2.00	0.00	End Build
2600.00	10.00	75.30	2597.04	12.28	46.80	48.38	0.00	0.00	0.00	MWD
2700.00	10.00	75.30	2695.52	16.68	63.59	65.74	0.00	0.00	0.00	MWD
2800.00	10.00	75.30	2794.00	21.09	80.38	83.10	0.00	0.00	0.00	MWD
2900.00	10.00	75.30	2892.49	25.49	97.17	100.46	0.00	0.00	0.00	MWD
3000.00	10.00	75.30	2990.97	29.90	113.96	117.82	0.00	0.00	0.00	MWD
3100.00	10.00	75.30	3089.45	34.30	130.75	135.17	0.00	0.00	0.00	MWD
3200.00	10.00	75.30	3187.93	38.71	147.54	152.53	0.00	0.00	0.00	MWD
3300.00	10.00	75.30	3286.41	43.11	164.33	169.89	0.00	0.00	0.00	MWD
3400.00	10.00	75.30	3384.90	47.52	181.12	187.25	0.00	0.00	0.00	MWD
3500.00	10.00	75.30	3483.38	51.92	197.91	204.61	0.00	0.00	0.00	MWD
3600.00	10.00	75.30	3581.86	56.33	214.70	221.97	0.00	0.00	0.00	MWD
3700.00	10.00	75.30	3680.34	60.73	231.49	239.32	0.00	0.00	0.00	MWD
3800.00	10.00	75.30	3778.82	65.14	248.28	256.68	0.00	0.00	0.00	MWD
3837.75	10.00	75.30	3816.00	66.80	254.62	263.24	0.00	0.00	0.00	Wasatch
3900.00	10.00	75.30	3877.31	69.54	265.07	274.04	0.00	0.00	0.00	MWD
4000.00	10.00	75.30	3975.79	73.95	281.86	291.40	0.00	0.00	0.00	MWD
4100.00	10.00	75.30	4074.27	78.35	298.65	308.76	0.00	0.00	0.00	MWD
4200.00	10.00	75.30	4172.75	82.75	315.44	326.12	0.00	0.00	0.00	MWD
4300.00	10.00	75.30	4271.23	87.16	332.23	343.47	0.00	0.00	0.00	MWD
4400.00	10.00	75.30	4369.71	91.56	349.02	360.83	0.00	0.00	0.00	MWD
4500.00	10.00	75.30	4468.20	95.97	365.81	378.19	0.00	0.00	0.00	MWD
4600.00	10.00	75.30	4566.68	100.37	382.60	395.55	0.00	0.00	0.00	MWD
4700.00	10.00	75.30	4665.16	104.78	399.39	412.91	0.00	0.00	0.00	MWD
4800.00	10.00	75.30	4763.64	109.18	416.18	430.27	0.00	0.00	0.00	MWD
4872.91	10.00	75.30	4835.44	112.40	428.42	442.92	0.00	0.00	0.00	Start Drop
4900.00	9.73	75.30	4862.14	113.57	432.91	447.56	1.00	-1.00	0.00	MWD
5000.00	8.73	75.30	4960.84	117.64	448.42	463.59	1.00	-1.00	0.00	MWD
5100.00	7.73	75.30	5059.81	121.27	462.26	477.90	1.00	-1.00	0.00	MWD
5156.67	7.16	75.30	5116.00	123.13	469.35	485.24	1.00	-1.00	0.00	Entry Point
5200.00	6.73	75.30	5159.02	124.46	474.42	490.48	1.00	-1.00	0.00	MWD
5300.00	5.73	75.30	5258.42	127.21	484.91	501.32	1.00	-1.00	0.00	MWD

Weatherford International Planning Report

Company:	Weatherford	Date:	8/27/2013	Time:	11:30 AM	Page:	4
Well:	Rock House 10-23-13-31	Operator:	Weatherford International	Well ID:	10-23-13-31	Project:	Weatherford
Wellpath:		Section:	SURGERY	Well ID (Plan):	75-30-00		

Survey

MD ft	Incl deg	VM deg	TVD ft	N/S ft	E/W ft	VS ft	Dip deg/100ft	Gamma log/100ft	Gamma log/100ft	Gamma log/100ft	Tool/Comment
5400.00	4.73	75.30	5358.01	129.53	493.72	510.43	1.00	-1.00	0.00		MWD
5500.00	3.73	75.30	5457.73	131.39	500.85	517.79	1.00	-1.00	0.00		MWD
5600.00	2.73	75.30	5557.58	132.82	506.29	523.42	1.00	-1.00	0.00		MWD
5700.00	1.73	75.30	5657.50	133.81	510.04	527.30	1.00	-1.00	0.00		MWD
5786.52	0.86	75.30	5744.00	134.30	511.93	529.25	1.00	-1.00	0.00		Mesaverde
5800.00	0.73	75.30	5757.47	134.35	512.11	529.44	1.00	-1.00	0.00		MWD
5872.53	0.00	75.30	5830.00	134.47	512.56	529.90	1.00	-1.00	0.00		End Drop
5900.00	0.00	75.30	5857.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6000.00	0.00	75.30	5957.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6100.00	0.00	75.30	6057.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6200.00	0.00	75.30	6157.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6300.00	0.00	75.30	6257.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6400.00	0.00	75.30	6357.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6500.00	0.00	75.30	6457.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6600.00	0.00	75.30	6557.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6700.00	0.00	75.30	6657.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6800.00	0.00	75.30	6757.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
6900.00	0.00	75.30	6857.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7000.00	0.00	75.30	6957.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7100.00	0.00	75.30	7057.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7200.00	0.00	75.30	7157.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7300.00	0.00	75.30	7257.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7400.00	0.00	75.30	7357.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7500.00	0.00	75.30	7457.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7600.00	0.00	75.30	7557.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7700.00	0.00	75.30	7657.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7800.00	0.00	75.30	7757.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
7900.00	0.00	75.30	7857.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
8000.00	0.00	75.30	7957.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
8098.53	0.00	75.30	8056.00	134.47	512.56	529.90	0.00	0.00	0.00		Buck Tongue
8100.00	0.00	75.30	8057.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
8200.00	0.00	75.30	8157.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
8300.00	0.00	75.30	8257.47	134.47	512.56	529.90	0.00	0.00	0.00		MWD
8347.53	0.00	75.30	8305.00	134.47	512.56	529.90	0.00	0.00	0.00		10-23-13-31 Target

Targets

Name	Description	TVD ft	N/S ft	E/W ft	MWD		Longitude			
					Normal	Gamma	Deg	Min	Sec	
10-23-13-31 Target	-Rectangle (400x400) -Plan hit target	8305.00	134.47	512.56	7140681.95	2236060.29	39	54	12.827 N	109 22 35.493 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2012.00	2012.00	9.625	12.250	9 5/8" Surface

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1066.00	1066.00	Green River		0.00	0.00
3837.75	3816.00	Wasatch		0.00	0.00
5786.52	5744.00	Mesaverde		0.00	0.00

Weatherford International Planning Report

Company: Engineering Resources	Date: 02/09/00	Time: 10:00:00	Page: 3
Project: 00000000	Location: (N) 10000000	Well: 10000000000000000000	Field: North
Site: (N) 10000000000000000000	Area: (N) 10000000000000000000	Start: 1/8/00	
Well: 10000000000000000000	Station: 10000000000000000000	End: 10/01/00 (10000000000000000000)	
Wellbore:	Plan:	Plan:	

Formations

MD	RVD	Formation	Interval	Dip Angle deg.	Dip Directio Deg.
8098.53	8056.00	Buck Tongue		0.00	0.00

Annotation

MD	RVD	
		SHL (1842 FSL & 142 FWL)
2072.00	2072.00	KOP
2571.81	2569.28	End Build
4872.91	4835.45	Start Drop
5156.67	5116.00	Entry Point
5872.53	5830.00	End Drop
8347.53	8305.00	TD



ENDURING RESOURCES
Rock House 10-23-13-31
NW/SW Sec. 31, T10S, R23E
Uintah County, Utah



Weatherford

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	KOP	
3	2571.81	10.00	75.30	2569.28	11.04	42.07	2.00	75.30	43.49	End Build	
4	4872.91	10.00	75.30	4835.44	112.40	428.42	0.00	0.00	442.92	Start Drop	
5	5872.53	0.00	75.30	5830.00	134.47	512.56	1.00	180.00	529.90	End Drop	
6	8347.53	0.00	75.30	8305.00	134.47	512.56	0.00	75.30	529.90	TD	

FIELD DETAILS	
Uintah, Utah Utah Central Zone U.S.A.	
Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone Magnetic Model: igr2005	
System Datum: Mean Sea Level Local North: True North	

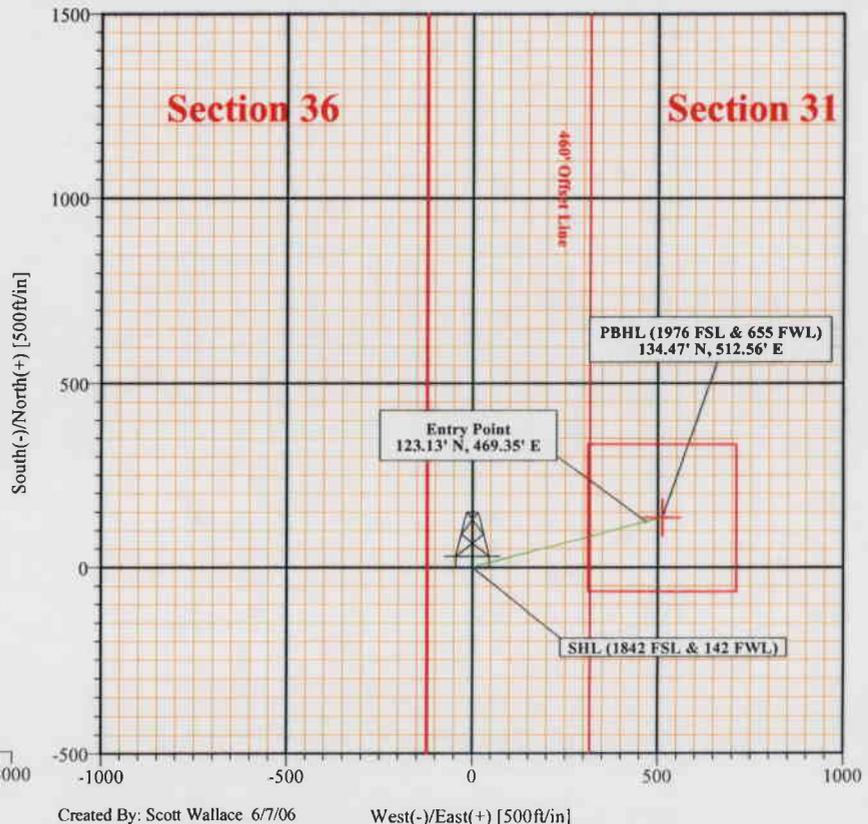
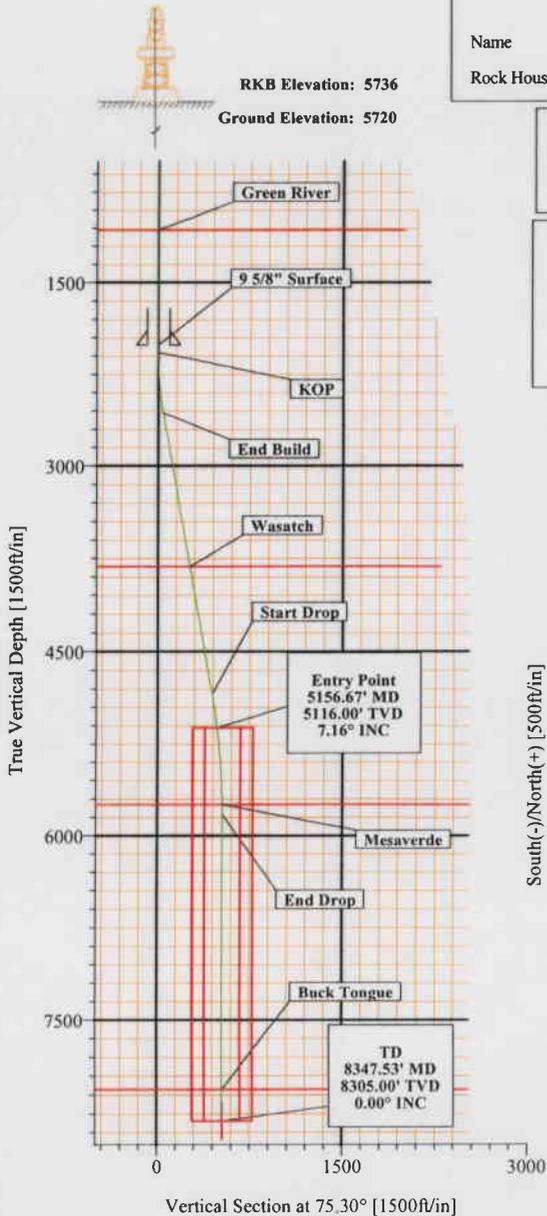
SITE DETAILS	
NW/SW 31-10S-23E Pad Sec. 31, T10S, R23E, Uintah County, Utah 1829 FSL & 121 FWL	
Site Centre Latitude: 39°54'11.370N Longitude: 109°22'42.340W	
Ground Level: 5720.00 Positional Uncertainty: 0.00 Convergence: 1.36	

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Rock House 10-23-13-31	13.00	20.98	7140535.36	2235551.07	39°54'11.498N	109°22'42.071W	N/A

TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
10-23-13-31 Target	8305.00	134.47	512.56	Rectangle (400x400)

CASING DETAILS				
No.	TVD	MD	Name	Size
1	2012.00	2012.00	9 5/8" Surface	9.625

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	1066.00	1066.00	Green River
2	3816.00	3837.75	Wasatch
3	5744.00	5786.52	Mesaverde
4	8056.00	8098.53	Buck Tongue



Created By: Scott Wallace 6/7/06

West(-)/East(+) [500ft/in]

Weatherford International Planning Report

Company: Weatherford Resources	Date: 6/7/2006	Time: 10:09:02
Field: Uintah, Utah	Geographic North Reference: Well (Rock House 10-23-13-31)	Plan: Plan #1
Site: NW/SW 31-10S-23E Pad	Vertical Section Reference: SITE # 930	
Well: Rock House 10-23-13-31	Station: MS Reference	Well (Rock House 10-23-13-31)
Wellpath:	Well:	Plan:

Field: Uintah, Utah Utah Central Zone U.S.A.	Map System: US State Plane Coordinate System 1983	Map Zone: Utah, Central Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre	
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005	

Site: NW/SW 31-10S-23E Pad Sec. 31, T10S, R23E, Uintah County, Utah 1829 FSL & 121 FWL			
Site Position:	Northing: 7140521.87 ft	Latitude: 39 54 11.370 N	
From: Geographic	Easting: 2235530.41 ft	Longitude: 109 22 42.340 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5720.00 ft		Grid Convergence: 1.36 deg	

Well: Rock House 10-23-13-31	Slot Name:
Well Position: +N/-S 13.00 ft	Northing: 7140535.36 ft
+E/-W 20.98 ft	Easting: 2235551.07 ft
Position Uncertainty: 0.00 ft	Latitude: 39 54 11.498 N
	Longitude: 109 22 42.071 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 6/7/2006	Above System Datum: Mean Sea Level
Field Strength: 52850 nT	Declination: 11.65 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.94 deg
ft	+N/-S
	ft
8305.00	0.00
	0.00
	75.30

Plan: Plan #1	Date Composed: 6/7/2006
Principal: Yes	Version: 1
	Tied-to: From Surface

Plan Section Information

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	Build	Turn	TRD
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2571.81	10.00	75.30	2569.28	11.04	42.07	2.00	2.00	0.00	75.30	
4872.91	10.00	75.30	4835.44	112.40	428.42	0.00	0.00	0.00	0.00	
5872.53	0.00	75.30	5830.00	134.47	512.56	1.00	-1.00	0.00	180.00	
8347.53	0.00	75.30	8305.00	134.47	512.56	0.00	0.00	0.00	75.30	10-23-13-31 Target

Section 1 : Start Hold

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	Build	Turn	TRD
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	75.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	75.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
2012.00	0.00	75.30	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	75.30

Section 2 : Start Build 2.00

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	Build	Turn	TRD
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
2100.00	0.56	75.30	2100.00	0.03	0.13	0.14	2.00	2.00	0.00	0.00
2200.00	2.56	75.30	2199.96	0.73	2.77	2.86	2.00	2.00	0.00	0.00
2300.00	4.56	75.30	2299.76	2.30	8.77	9.07	2.00	2.00	0.00	0.00
2400.00	6.56	75.30	2399.28	4.76	18.14	18.76	2.00	2.00	0.00	0.00
2500.00	8.56	75.30	2498.41	8.10	30.87	31.91	2.00	2.00	0.00	0.00
2571.81	10.00	75.30	2569.28	11.04	42.07	43.49	2.00	2.00	0.00	0.00

Weatherford International Planning Report

Company:	Eridania Resources	Date:	3/22/2016	Time:	10:00:00
Block:	Uman 04	Location:	WRE/04/02	Well:	WRE-04-001
Site:	NW/SE 3/4 Sec 28 T19N	Section:	28	Plan:	
Well:	Rockhouse 16-20-43-01	Region:	WY	State:	WY
Wellpath:		Plan:		Plan:	

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	TRAY ft	VS ft	DLS deg/100ft	Bull deg/100ft	Turn deg/100ft	TPO deg
2600.00	10.00	75.30	2597.04	12.28	46.80	48.38	0.00	0.00	0.00	0.00
2700.00	10.00	75.30	2695.52	16.68	63.59	65.74	0.00	0.00	0.00	0.00
2800.00	10.00	75.30	2794.00	21.09	80.38	83.10	0.00	0.00	0.00	0.00
2900.00	10.00	75.30	2892.49	25.49	97.17	100.46	0.00	0.00	0.00	0.00
3000.00	10.00	75.30	2990.97	29.90	113.96	117.82	0.00	0.00	0.00	0.00
3100.00	10.00	75.30	3089.45	34.30	130.75	135.17	0.00	0.00	0.00	0.00
3200.00	10.00	75.30	3187.93	38.71	147.54	152.53	0.00	0.00	0.00	0.00
3300.00	10.00	75.30	3286.41	43.11	164.33	169.89	0.00	0.00	0.00	0.00
3400.00	10.00	75.30	3384.90	47.52	181.12	187.25	0.00	0.00	0.00	0.00
3500.00	10.00	75.30	3483.38	51.92	197.91	204.61	0.00	0.00	0.00	0.00
3600.00	10.00	75.30	3581.86	56.33	214.70	221.97	0.00	0.00	0.00	0.00
3700.00	10.00	75.30	3680.34	60.73	231.49	239.32	0.00	0.00	0.00	0.00
3800.00	10.00	75.30	3778.82	65.14	248.28	256.68	0.00	0.00	0.00	0.00
3837.75	10.00	75.30	3816.00	66.80	254.62	263.24	0.00	0.00	0.00	0.00
3900.00	10.00	75.30	3877.31	69.54	265.07	274.04	0.00	0.00	0.00	0.00
4000.00	10.00	75.30	3975.79	73.95	281.86	291.40	0.00	0.00	0.00	0.00
4100.00	10.00	75.30	4074.27	78.35	298.65	308.76	0.00	0.00	0.00	0.00
4200.00	10.00	75.30	4172.75	82.75	315.44	326.12	0.00	0.00	0.00	0.00
4300.00	10.00	75.30	4271.23	87.16	332.23	343.47	0.00	0.00	0.00	0.00
4400.00	10.00	75.30	4369.71	91.56	349.02	360.83	0.00	0.00	0.00	0.00
4500.00	10.00	75.30	4468.20	95.97	365.81	378.19	0.00	0.00	0.00	0.00
4600.00	10.00	75.30	4566.68	100.37	382.60	395.55	0.00	0.00	0.00	0.00
4700.00	10.00	75.30	4665.16	104.78	399.39	412.91	0.00	0.00	0.00	0.00
4800.00	10.00	75.30	4763.64	109.18	416.18	430.27	0.00	0.00	0.00	0.00
4872.91	10.00	75.30	4835.44	112.40	428.42	442.92	0.00	0.00	0.00	0.00

Section 4 : Start Drop -1.00

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	TRAY ft	VS ft	DLS deg/100ft	Bull deg/100ft	Turn deg/100ft	TPO deg
4900.00	9.73	75.30	4862.14	113.57	432.91	447.56	1.00	-1.00	0.00	180.00
5000.00	8.73	75.30	4960.84	117.64	448.42	463.59	1.00	-1.00	0.00	180.00
5100.00	7.73	75.30	5059.81	121.27	462.26	477.90	1.00	-1.00	0.00	180.00
5156.67	7.16	75.30	5116.00	123.13	469.35	485.24	1.00	-1.00	0.00	180.00
5200.00	6.73	75.30	5159.02	124.46	474.42	490.48	1.00	-1.00	0.00	-180.00
5300.00	5.73	75.30	5258.42	127.21	484.91	501.32	1.00	-1.00	0.00	180.00
5400.00	4.73	75.30	5358.01	129.53	493.72	510.43	1.00	-1.00	0.00	180.00
5500.00	3.73	75.30	5457.73	131.39	500.85	517.79	1.00	-1.00	0.00	180.00
5600.00	2.73	75.30	5557.58	132.82	506.29	523.42	1.00	-1.00	0.00	180.00
5700.00	1.73	75.30	5657.50	133.81	510.04	527.30	1.00	-1.00	0.00	180.00
5786.52	0.86	75.30	5744.00	134.30	511.93	529.25	1.00	-1.00	0.00	180.00
5800.00	0.73	75.30	5757.47	134.35	512.11	529.44	1.00	-1.00	0.00	-180.00
5872.53	0.00	75.30	5830.00	134.47	512.56	529.90	1.00	-1.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	TRAY ft	VS ft	DLS deg/100ft	Bull deg/100ft	Turn deg/100ft	TPO deg
5900.00	0.00	75.30	5857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6000.00	0.00	75.30	5957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6100.00	0.00	75.30	6057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6200.00	0.00	75.30	6157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6300.00	0.00	75.30	6257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6400.00	0.00	75.30	6357.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6500.00	0.00	75.30	6457.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6600.00	0.00	75.30	6557.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6700.00	0.00	75.30	6657.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6800.00	0.00	75.30	6757.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
6900.00	0.00	75.30	6857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7000.00	0.00	75.30	6957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7100.00	0.00	75.30	7057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7200.00	0.00	75.30	7157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7300.00	0.00	75.30	7257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7400.00	0.00	75.30	7357.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30

Weatherford International Planning Report

Company:	Project:	Date:	Plan:	Sheet:
Unit:	Location:	Coordinate:	Well:	Label No:
Site:	NW/SE of Block:	Vertical Reference:	Section:	
Well:	Block:	Section:	Plan:	

Section 5 : Start Hold

MD	True	Mag	True	N/S	E/W	VS	IDS	Bull	Surf	Notes
ft	deg	deg	ft	ft	ft	ft	deg/100	deg/100	deg/100	ft
7500.00	0.00	75.30	7457.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7600.00	0.00	75.30	7557.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7700.00	0.00	75.30	7657.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7800.00	0.00	75.30	7757.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
7900.00	0.00	75.30	7857.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8000.00	0.00	75.30	7957.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8098.53	0.00	75.30	8056.00	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8100.00	0.00	75.30	8057.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8200.00	0.00	75.30	8157.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8300.00	0.00	75.30	8257.47	134.47	512.56	529.90	0.00	0.00	0.00	75.30
8347.53	0.00	75.30	8305.00	134.47	512.56	529.90	0.00	0.00	0.00	75.30

Survey

VD	True	Mag	True	N/S	E/W	VS	IDS	Bull	Surf	Notes
ft	deg	deg	ft	ft	ft	ft	deg/100	deg/100	deg/100	ft
2000.00	0.00	75.30	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	75.30	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	9 5/8" Surface
2072.00	0.00	75.30	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	0.56	75.30	2100.00	0.03	0.13	0.14	2.00	2.00	0.00	MWD
2200.00	2.56	75.30	2199.96	0.73	2.77	2.86	2.00	2.00	0.00	MWD
2300.00	4.56	75.30	2299.76	2.30	8.77	9.07	2.00	2.00	0.00	MWD
2400.00	6.56	75.30	2399.28	4.76	18.14	18.76	2.00	2.00	0.00	MWD
2500.00	8.56	75.30	2498.41	8.10	30.87	31.91	2.00	2.00	0.00	MWD
2571.81	10.00	75.30	2569.28	11.04	42.07	43.49	2.00	2.00	0.00	End Build
2600.00	10.00	75.30	2597.04	12.28	46.80	48.38	0.00	0.00	0.00	MWD
2700.00	10.00	75.30	2695.52	16.68	63.59	65.74	0.00	0.00	0.00	MWD
2800.00	10.00	75.30	2794.00	21.09	80.38	83.10	0.00	0.00	0.00	MWD
2900.00	10.00	75.30	2892.49	25.49	97.17	100.46	0.00	0.00	0.00	MWD
3000.00	10.00	75.30	2990.97	29.90	113.96	117.82	0.00	0.00	0.00	MWD
3100.00	10.00	75.30	3089.45	34.30	130.75	135.17	0.00	0.00	0.00	MWD
3200.00	10.00	75.30	3187.93	38.71	147.54	152.53	0.00	0.00	0.00	MWD
3300.00	10.00	75.30	3286.41	43.11	164.33	169.89	0.00	0.00	0.00	MWD
3400.00	10.00	75.30	3384.90	47.52	181.12	187.25	0.00	0.00	0.00	MWD
3500.00	10.00	75.30	3483.38	51.92	197.91	204.61	0.00	0.00	0.00	MWD
3600.00	10.00	75.30	3581.86	56.33	214.70	221.97	0.00	0.00	0.00	MWD
3700.00	10.00	75.30	3680.34	60.73	231.49	239.32	0.00	0.00	0.00	MWD
3800.00	10.00	75.30	3778.82	65.14	248.28	256.68	0.00	0.00	0.00	MWD
3837.75	10.00	75.30	3816.00	66.80	254.62	263.24	0.00	0.00	0.00	Wasatch
3900.00	10.00	75.30	3877.31	69.54	265.07	274.04	0.00	0.00	0.00	MWD
4000.00	10.00	75.30	3975.79	73.95	281.86	291.40	0.00	0.00	0.00	MWD
4100.00	10.00	75.30	4074.27	78.35	298.65	308.76	0.00	0.00	0.00	MWD
4200.00	10.00	75.30	4172.75	82.75	315.44	326.12	0.00	0.00	0.00	MWD
4300.00	10.00	75.30	4271.23	87.16	332.23	343.47	0.00	0.00	0.00	MWD
4400.00	10.00	75.30	4369.71	91.56	349.02	360.83	0.00	0.00	0.00	MWD
4500.00	10.00	75.30	4468.20	95.97	365.81	378.19	0.00	0.00	0.00	MWD
4600.00	10.00	75.30	4566.68	100.37	382.60	395.55	0.00	0.00	0.00	MWD
4700.00	10.00	75.30	4665.16	104.78	399.39	412.91	0.00	0.00	0.00	MWD
4800.00	10.00	75.30	4763.64	109.18	416.18	430.27	0.00	0.00	0.00	MWD
4872.91	10.00	75.30	4835.44	112.40	428.42	442.92	0.00	0.00	0.00	Start Drop
4900.00	9.73	75.30	4862.14	113.57	432.91	447.56	1.00	-1.00	0.00	MWD
5000.00	8.73	75.30	4960.84	117.64	448.42	463.59	1.00	-1.00	0.00	MWD
5100.00	7.73	75.30	5059.81	121.27	462.26	477.90	1.00	-1.00	0.00	MWD
5156.67	7.16	75.30	5116.00	123.13	469.35	485.24	1.00	-1.00	0.00	Entry Point
5200.00	6.73	75.30	5159.02	124.46	474.42	490.48	1.00	-1.00	0.00	MWD
5300.00	5.73	75.30	5258.42	127.21	484.91	501.32	1.00	-1.00	0.00	MWD

Weatherford International Planning Report

Company: (Weatherford International)	Date: 8/27/2013	Page: 1 of 12
Well: (Rocky Mountain 2)	Geographic Coordinates: (NAD 83)	Project: (Rocky Mountain 2)
Wellpath:	Station/Surface: (Surface)	Well ID: (Rocky Mountain 2)

Survey

MD ft	incl deg	Vir deg	TVD ft	+N/S ft	+E/W ft	WS ft	Dip deg/100	Dir deg/100	Target deg/100	Comment
5400.00	4.73	75.30	5358.01	129.53	493.72	510.43	1.00	-1.00	0.00	MWD
5500.00	3.73	75.30	5457.73	131.39	500.85	517.79	1.00	-1.00	0.00	MWD
5600.00	2.73	75.30	5557.58	132.82	506.29	523.42	1.00	-1.00	0.00	MWD
5700.00	1.73	75.30	5657.50	133.81	510.04	527.30	1.00	-1.00	0.00	MWD
5786.52	0.86	75.30	5744.00	134.30	511.93	529.25	1.00	-1.00	0.00	Mesaverde
5800.00	0.73	75.30	5757.47	134.35	512.11	529.44	1.00	-1.00	0.00	MWD
5872.53	0.00	75.30	5830.00	134.47	512.56	529.90	1.00	-1.00	0.00	End Drop
5900.00	0.00	75.30	5857.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6000.00	0.00	75.30	5957.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6100.00	0.00	75.30	6057.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6200.00	0.00	75.30	6157.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6300.00	0.00	75.30	6257.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6400.00	0.00	75.30	6357.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6500.00	0.00	75.30	6457.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6600.00	0.00	75.30	6557.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6700.00	0.00	75.30	6657.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6800.00	0.00	75.30	6757.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
6900.00	0.00	75.30	6857.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7000.00	0.00	75.30	6957.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7100.00	0.00	75.30	7057.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7200.00	0.00	75.30	7157.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7300.00	0.00	75.30	7257.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7400.00	0.00	75.30	7357.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7500.00	0.00	75.30	7457.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7600.00	0.00	75.30	7557.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7700.00	0.00	75.30	7657.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7800.00	0.00	75.30	7757.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
7900.00	0.00	75.30	7857.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8000.00	0.00	75.30	7957.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8098.53	0.00	75.30	8056.00	134.47	512.56	529.90	0.00	0.00	0.00	Buck Tongue
8100.00	0.00	75.30	8057.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8200.00	0.00	75.30	8157.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8300.00	0.00	75.30	8257.47	134.47	512.56	529.90	0.00	0.00	0.00	MWD
8347.53	0.00	75.30	8305.00	134.47	512.56	529.90	0.00	0.00	0.00	10-23-13-31 Target

Targets

Name	Description Dip Dir	TVD ft	+N/S ft	+E/W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
10-23-13-31 Target	-Rectangle (400x400) -Plan hit target	8305.00	134.47	512.56	7140681.95	2236060.29	39 54 12.827 N	109 22 35.493 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2012.00	2012.00	9.625	12.250	9 5/8" Surface

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1066.00	1066.00	Green River		0.00	0.00
3837.75	3816.00	Wasatch		0.00	0.00
5786.52	5744.00	Mesaverde		0.00	0.00



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 18, 2005

RH 10-23-13-31

THE BLM HAD US
MOVE THIS WELL, NOW
DIRECTIONAL, FROM
MULTI-WELL PAD.
START OVER, OR
USE OLD API #?
THANKS
AL

The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, Texas 77002

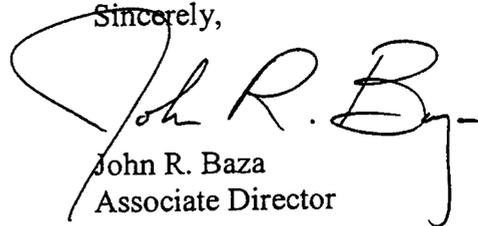
Re: Rock House 12-31-10-23 Well, 1900' FSL, 460' FWL, NW SW, Sec. 31,
T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36552.

Sincerely,


John R. Baza
Associate Director

jc
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

RECEIVED

JUN 26 2006

DIV. OF OIL, GAS &

Operator: The Houston Exploration Company
Well Name & Number Rock House 12-31-10-23
API Number: 43-047-36552
Lease: UTU-76281

Location: NW SW **Sec.** 31 **T.** 10 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

June 26, 2006

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801
Attention: Ms. Diana Whitney

RE: Request for Directional Drilling and Exception Well Location

Rock House 10-23-13-31

Surface Location: NW-SW 31-10S-23E

Bottom Hole Location: NW-SW 31-10S-23E

Federal Lease: UTU-76281

Uintah County, Utah

Dear Ms. Whitney:

In order to avoid steep slopes and limit surface impact, Enduring Resources, LLC ("ERLLC") has re-staked the above-referenced well outside of the 400' drilling window. Two wells will both be drilled from this same pad and the surface location of each well will be 25' apart more, or less.

1. ERLLC is the only leasehold interest owner within 460 feet of any part of the either of the wells' proposed well bores and surface location.

Therefore,

- A. *ERLLC grants itself permission for the wells' exception surface and BHL locations, also*
- B. *ERLLC grants itself permission to directionally drill either/both of these wells.*

In the event there are any other outstanding matters preventing this APD from being approved, please let me know at your earliest convenience, 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1900' FSL - 460' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 31 10S 23E S		8. WELL NAME and NUMBER: Rock House 10-23-13-31
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304736552
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/26/2006</u> <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Plan To Directionally Drill Well</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

To limit surface impact and avoid steep slopes this well's surface location has been moved to a two well pad drillsite. The well's new surface location and bottom hole locations are as follows (new surveys attached).

Surface Location: 1842' FSL - 142' FWL
Bottom Hole Location: 1976' FSL - 655' FWL

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 06-29-06
By: [Signature]

Utah State Bond #RLB0008031
Operator No. N2750

10/6/06
RM

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>6/25/2006</u>

(This space for State use only)

Federal Approval of this
Application is necessary

**RECEIVED
JUN 27 2006**

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Rock House 10-23-13-31	
2. NAME OF OPERATOR: Enduring Resources, LLC		9. API NUMBER: 4304736552
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1842' FSL - 142' FWL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 31 10S 23E S		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/15/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Request for APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 3/21/2007

TO: 3/21/2008

Sundry to change to new footages as directional well were approved by State of Utah on ~~6-28-2006~~

Approved by the
Utah Division of
Oil, Gas and Mining

7/11/06

Date: 01-17-07

By: [Signature]

SENT TO OPERATOR
1-17-07
RM

NAME (PLEASE PRINT) <u>Evette Bissett</u>	TITLE <u>Regulatory Affairs Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>1/8/2007</u>

(This space for State use only)

RECEIVED

JAN 12 2007

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736552
Well Name: Rock House 10-23-13-31
Location: 1842' FSL - 142' FWL NWSW Sec. 31, 10S-23E
Company Permit Issued to: The Houston Exploration Company
Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Luella Bissett
Signature

1/8/2007
Date

Title: Regulatory Affairs Assistant

Representing: Enduring Resources, LLC

Sundry to change to new footages as a directional well were approved by State of Utah 6-26-06.

**RECEIVED
JAN 12 2007**

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Enduring Resources, LLC

3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1842' FSL - 142' FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 31 10S 23E S STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-76281
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
n/a
7. UNIT or CA AGREEMENT NAME:
n/a
8. WELL NAME and NUMBER:
Rock House 10-23-13-31
9. API NUMBER:
4304736552
10. FIELD AND POOL, OR WILDCAT:
Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Request for APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 1/17/2008

TO: 1/17-2009

No BLM permit to drill yet.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-17-08
By: [Signature]

COPY SENT TO OPERATOR

Date: 1-22-2008

Initials: KS

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 1/7/2008

(This space for State use only)

RECEIVED
JAN 16 2008

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736552
Well Name: Rock House 10-23-13-31
Location: 1842' FSL - 142' FWL NWSW Sec. 31, 10S-23E
Company Permit Issued to: The Houston Exploration Company
Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

1/7/2008
Date

Title: Landman - Regulatory Specialist

Representing: Enduring Resources, LLC

RECEIVED
JAN 16 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1842' FSL - 142' FWL		8. WELL NAME and NUMBER: Rock House 10-23-13-31
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 31 10S 23E S		9. API NUMBER: 4304736552
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Request for APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 1/17/2009
TO: 1/17/2010 *DM*

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-21-2009
By: [Signature]

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>1/9/2009</u>

(This space for State use only)

COPY SENT TO OPERATOR

Date: 1.22.2009

Initials: KS

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

JAN 21 2009

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736552
Well Name: Rock House 10-23-13-31
Location: 1842' FSL - 142' FWL NWSW Sec. 31, 10S-23E
Company Permit Issued to: The Houston Exploration Company
Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

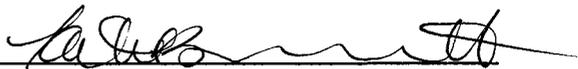
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

1/9/2009
Date

Title: Administrative Assistant

Representing: Enduring Resources, LLC

RECEIVED

JAN 21 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-13-31
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047365520000
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1842 FSL 0142 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/21/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request an one-year extension to APD term.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 25, 2010

By:

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A		DATE 1/21/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047365520000

API: 43047365520000

Well Name: ROCK HOUSE 10-23-13-31

Location: 1842 FSL 0142 FWL QTR NWSW SEC 31 TWP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

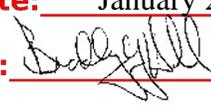
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Alvin Arlian

Date: 1/21/2010

Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

Date: January 25, 2010

By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-13-31
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047365520000
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1842 FSL 0142 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/18/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request an one-year extension to APD termination date.

Approved by the Utah Division of Oil, Gas and Mining

Date: 04/18/2011

By: 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 4/15/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047365520000

API: 43047365520000

Well Name: ROCK HOUSE 10-23-13-31

Location: 1842 FSL 0142 FWL QTR NWSW SEC 31 TWP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Alvin Arlian

Date: 4/15/2011

Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76281
2. NAME OF OPERATOR: Enduring Resources, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1842 FSL 0142 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 Township: 10.0S Range: 23.0E Meridian: S	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-13-31
PHONE NUMBER: 303 350-5114 Ext	9. API NUMBER: 43047365520000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES	COUNTY: UINTAH
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/18/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request for an one-year extension to APD expiration date.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 18, 2012

By:

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 4/17/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047365520000

API: 43047365520000

Well Name: ROCK HOUSE 10-23-13-31

Location: 1842 FSL 0142 FWL QTR NWSW SEC 31 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 4/18/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Alvin Arlian

Date: 4/17/2012

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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Request for an one-year extension to APD expiration date.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: April 17, 2013

By: 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 4/15/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047365520000

API: 43047365520000

Well Name: ROCK HOUSE 10-23-13-31

Location: 1842 FSL 0142 FWL QTR NWSW SEC 31 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 4/18/2005

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- Is bonding still in place, which covers this proposed well? Yes No

Signature: Alvin Arlian

Date: 4/15/2013

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
<http://www.blm.gov/ut/st/en/fo/vernal.html>

October 21, 2013

IN REPLY REFER TO:
3160 (UTG011)

Al Arlian
Enduring Resources, LLC
511 16th Street, Suite 700
Denver, CO 80202

43 DA 36552

Re: Request to Return APD
Well No. Rock House 10-23-13-31
NWSW, Sec. 31, T10S, R23E
Uintah County, Utah
Lease No. UTU-76281

Dear Al:

The Application for Permit to Drill (APD) for the above referenced well received in this office on June 26, 2006, is being returned unapproved per your request to this office in an email message to Legal Instruments Examiner Johnetta "Pete" Magee received on August 28, 2013. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

Enclosures

cc: UDOGM

bcc: Well File

RECEIVED
OCT 28 2013
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
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2. NAME OF OPERATOR: Enduring Resources, LLC	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1842 FSL 0142 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 Township: 10.0S Range: 23.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

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<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request for an one-year extension to APD expiration date.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: April 22, 2014

By:

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 4/22/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047365520000

API: 43047365520000

Well Name: ROCK HOUSE 10-23-13-31

Location: 1842 FSL 0142 FWL QTR NWSW SEC 31 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

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- Is bonding still in place, which covers this proposed well? Yes No

Signature: Alvin Arlian

Date: 4/22/2014

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 2, 2015

Travis Whitham
Enduring Resources, LLC
511-16th Street, Suite 700
Denver, CO 80202

43 047 36552
Rock House 10-23-13-31
31 105 23E

Re: APDs Rescinded Enduring Resources, LLC., Uintah County

Dear Mr. Whitham:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of April 1, 2015.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

43-047-37951 PARIETTE BENCH 9-19-33-10
43-047-37970 BUCK CAMP 11-22-34-35
43-047-36549 ROCK HOUSE 10-23-14-30
43-047-36551 ROCK HOUSE 10-23-21-31
43-047-36553 ROCK HOUSE 10-23-24-31
43-047-36554 ROCK HOUSE 10-23-22-31
43-047-39200 RAINBOW 11-24-44-13
43-047-37971 ROCK HOUSE 10-23-34-30
43-047-37972 ROCK HOUSE 10-23-43-30
→ 43-047-36552 ROCK HOUSE 10-23-13-31
43-047-39210 BIG PACK 11-21-21-28
43-047-36652 BONANZA 9-23-34-11
43-047-36635 BONANZA 9-24-12-18