

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: ML-47063	6. SURFACE: State
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 House10-23-11-32	
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: 482' FNL - 2,122' FWL NENW AT PROPOSED PRODUCING ZONE: 660' FNL - 660' FWL NWNW			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 10S 23E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 77.4 miles southeast of Vernal, UT			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 660' - BHL 482' - Surface	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) 25' - Surface 1,000' +/- BHL	19. PROPOSED DEPTH: 7,750	20. BOND DESCRIPTION: RLB0008031		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5201' KB-RT	22. APPROXIMATE DATE WORK WILL START: 8/1/2006	23. ESTIMATED DURATION: 20 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

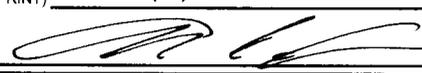
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
20"	14" line pipe	40	3 yards	Ready Mix	
11"	8-5/8" J-55 24#	2,016	Premium Lead	138 sxs	3.50 11.1
			Premium Tail	138 sxs	1.15 15.8
7-7/8"	4-1/2" N-80 11.6#	7,750	Class G	104 sxs	3.3 11.0
			50/50 Poz Class G	887 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 5/30/2006

(This space for State use only)

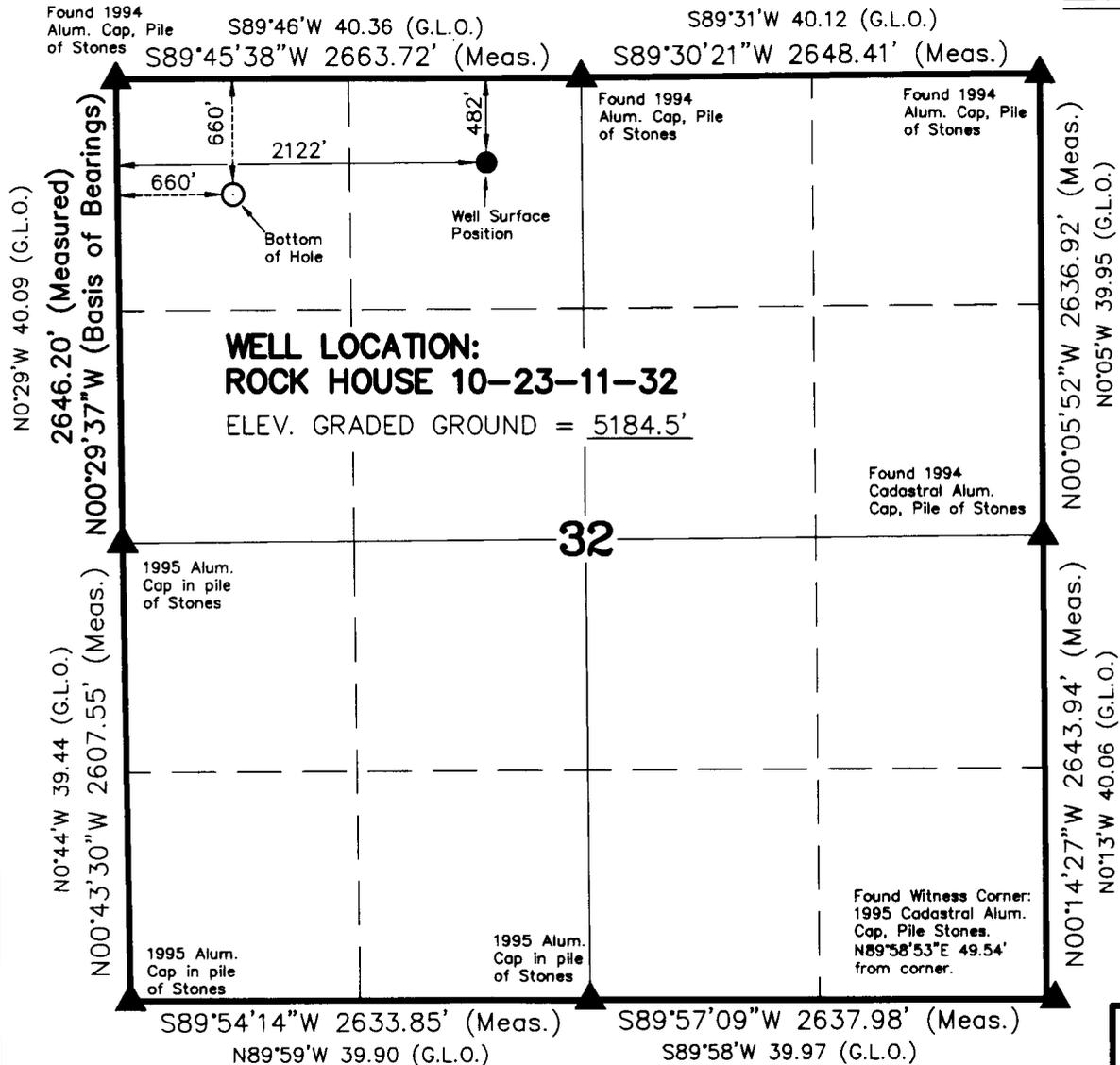
API NUMBER ASSIGNED: 43-047-38197

APPROVAL:

JUN 02 2006

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

ENDURING RESOURCES



WELL LOCATION, ROCK HOUSE 10-23-11-32, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 32, T10S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH.

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. The Bottom of hole bears S82°49'34"W 1472.33' from the Surface Position.
3. Bearings are based on Global Positioning Satellite observations.
4. BASIS OF ELEVATION IS TRIANGULATION STATION JEK 19 ET 1966 WHICH IS LOCATED NEAR THE SOUTH 1/4 CORNER OF SECTION 8, T11S, R23E, S.L.B.&M. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE ARCHY BENCH SE 7.5 MIN. QUADRANGLE AS BEING 6054'.



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.

No. 362251
 KOLBY R. KAY
 REGISTERED LAND SURVEYOR
 STATE OF UTAH

▲ = SECTION CORNERS LOCATED

ROCK HOUSE 10-23-11-32
 (Bottom Hole) NAD 83 Autonomous
 LATITUDE = 39° 54' 38.79"
 LONGITUDE = 109° 21' 28.43"

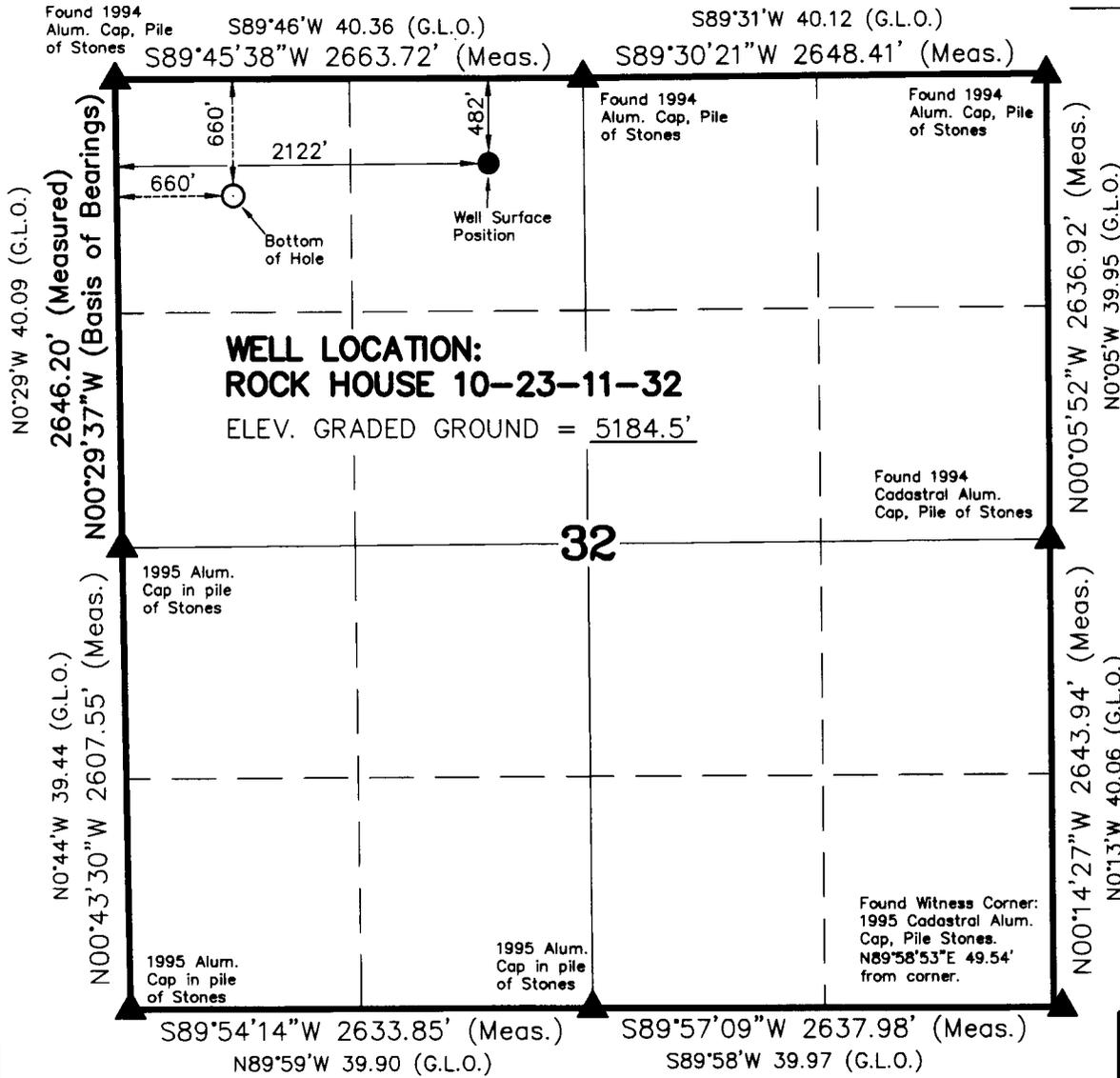
ROCK HOUSE 10-23-11-32
 (Surface Position) NAD 83 Autonomous
 LATITUDE = 39° 54' 40.60"
 LONGITUDE = 109° 21' 09.69"

TIMBERLINE LAND SURVEYING, INC.
 38 WEST 100 NORTH. - VERNAL, UTAH 84078
 (435) 789-1365

DATE SURVEYED: 12-03-05	SURVEYED BY: K.R.K.	SHEET 2a OF 10
DATE DRAWN: 12-21-05	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

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

ENDURING RESOURCES



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Kolby R. Kay
 No. 362251
 KOLBY R. KAY
 REGISTERED LAND SURVEYOR
 STATE OF UTAH

▲ = SECTION CORNERS LOCATED

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(Bottom Hole) NAD 83 Autonomous
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TIMBERLINE LAND SURVEYING, INC.		SHEET 2a OF 10
38 WEST 100 NORTH. - VERNAL, UTAH 84078 (435) 789-1365		
DATE SURVEYED: 12-03-05	SURVEYED BY: K.R.K.	
DATE DRAWN: 12-21-05	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'		Date Last Revised:

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 30, 2006

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

Attention: Diana Whitney

RE: **Rock House 10-23-11-32 Well** **(4-well Location)**
Lease Serial No.: ML- 47063
Surface Location: Sec. 32-10S-23E
482' FNL - 2,122' FWL NENW
Bottom Hole Location: Section 32-10S-23E
660' FNL - 660' FWL NWNW
Uintah County, Utah

Dear Ms. Whitney

Attached are two applications to drill for the above-referenced proposed well. This well will be drilled on state lands.

Enduring Resources, LLC respectfully requests that this information, and future information, be held confidential.

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

RECEIVED
JUN 02 2006

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 30, 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: Rock House 10-23-11-32 Well (4-well Location)
Lease Serial No.: ML- 47063
Surface Location: Sec. 32-10S-23E
482' FNL - 2,122' FWL NENW
Bottom Hole Location: Section 32-10S-23E
660' FNL - 660' FWL NWNW
Uintah County, Utah

Dear Ms. Whitney:

When it appears feasible, Enduring Resources, LLC, and its 50% non-operating partner, The Houston Exploration Company (collectively hereinafter 100% "Leasehold Owners") are attempting to use multi-well pads to reduce surface impact. Therefore, the Leasehold Owners respectfully requests a spacing exception for the above-referenced well. Three additional wells will be drilled from this well pad. Surface locations will be 25', more or less apart. BHL's for each well will be in its own "assigned" 40-acre, 200' drilling window. No BHL's will be within 960' of each other. The three new wells on this pad are being drilled directionally. One well has already been drilled.

The Leasehold Owners are the only lease owners within a 460' radius of any

- point of any of the well bores,
- surface locations, and
- BHL's, to be drilled (one well already drilled) from this pad.

Therefore, the Leasehold Owners hereby grants themselves permission for the exception well locations and permission to directionally drill the above-referenced well.

Should you have any questions concerning this matter, please do not hesitate to call 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

Very truly yours

HOUSTON EXPLORATION COMPANY



Alvin R. (Al) Arlian
Agent

Enduring Resources, LLC

Rock House 10-23-11-32

NW-NW 32-10S-23E (Bottom Hole Location)

NE-NW 32-10S-23E (Surface Location)

Uintah County, Utah

State Lease: ML-47063

ONSHORE ORDER 1 - DRILLING PLAN

1. **Estimated Tops of Geological Markers:**

Formation	Depth (K.B.)
Uinta	Surface
Green River	543'
Wasatch	3293'
Mesaverde	5189'

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

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5201' est.	
Oil / Gas	Green River	543'
Oil /Gas	Wasatch	3293'
Oil /Gas	Mesaverde	5189'
	TD	7750'

An 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 – 2016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 7750' (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)
7750' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.58 (d)	7780/2.10 (e)	223/2.89 (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	1177	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	104	25	11.0	3.3
4-1/2"	Tail	4857	50/50 POZ Class G + 2% gel + 1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	887	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'-7750' (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 4030 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2325 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. **Variations:**

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.

A measurement while drilling (MWD) system will be used to track and control the directional path of the wellbore.

ENDURING RESOURCES

Rock House 10-23-34-29, Rock House 10-23-24-29 & Rock House 10-23-11-32.

**Wells added to the Existing Rock House 3-32-10-23 Pad
Section 32, T10S, R23E, S.L.B.&M.**

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 ALONG 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 THE 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 0.5 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 ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 MILES TO THE INTERSECTION OF A CLASS D COUNTY ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE INTERSECTION OF THE SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 5.1 TO THE INTERSECTION OF A SERVICE ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.1 MILES TO THE EXISTING ROCK HOUSE 3-32-10-23 LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE ROCK HOUSE 3-32-10-23 WELL LOCATION IS APPROXIMATELY 77.4 MILES IN A SOUTHEASTERLY DIRECTION.

Enduring Resources, LLC

Rock House 10-23-11-32
NW-NW 32-10S-23E (Bottom Hole Location)
NE-NW 32-10S-23E (Surface Location)
Uintah County, Utah
State Lease: ML-47063

ONSHORE OIL & GAS ORDER NO. 1 MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are as follows:

Rock House 10-23-34-29, Rock House 10-23-24-29 & Rock House 10-23-11-32 Wells added to the Existing Rock House 3-32-10-23 Pad, Section 32, T10S, R23E, S.L.B.&M.

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 ALONG 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 THE 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 0.5 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 ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 MILES TO THE INTERSECTION OF A CLASS D COUNTY ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE INTERSECTION OF THE SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); EXIT RIGHT AND PROCEED IN A NORTHELY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 5.1 TO THE INTERSECTION OF A SERVICE ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG

THE SERVICE ROAD APPROXIMATELY 0.1 MILES TO THE EXISTING ROCK HOUSE 3-32-10-23 LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE ROCK HOUSE 3-32-10-23 WELL LOCATION IS APPROXIMATELY 77.4 MILES IN A SOUTHEASTERLY DIRECTION.

2. Planned Access Roads:

This well will be directionally drilled from the Houston Exploration Company Rockhouse 3-32-10-23 well pad. It is anticipated that no new road or pipeline will be constructed. Please refer to Topo Map "B" for the well access.

The current access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

Surface disturbance and vehicular traffic will be limited to the current location and access route. Any additional area needed will be approved in advance. If any needed, 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 radius of the proposed location.

- a. None: Water Wells:
- b. None: Injection Wells:
- c. Six: Producing Wells:
 - 1. Rock House 2D-32
 - 2. Rock House 6D-32

- 3. Rock House 12D-32
- 4. Rock House 10D-32
- 5. Rock House 3-32-10-23
- 6. Rock House 11-31
- d. None: Drilling Wells:
- e. None: Shut-in Wells:
- f. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. None: Abandoned Wells:
- i. None: Dry Holes:
- j. None: Observation Wells:
- k. Various: Enduring Resources has 8 other wells staked w/ one mile of this well.

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 as the tanks and production equipment for the Rock House 3-32-10-23 Well. 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	-0-'	BLM
	OFF-LEASE	-0-'	BLM

If the well is capable of economic production, **the well shall tie-in to the pipeline to the Rock House 3-32-10-23 Well. No new pipeline shall be required. The gas meter run will be located within 500 feet of the wellhead. 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. **However, the gas gathering line shall not be removed until the last well on this pad stops producing.**

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 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 will be 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 (**unless an additional directional well is drilled from this pad within nine months**) 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 (**unless an additional directional well is drilled from this pad within nine months**) 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 (**when the last well on this pad is plugged**). 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 **of the last well on the pad**. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

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

Wellsite: SITLA (built)
Access: SITLA (built)
Pipeline: SITLA (already laid)

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site for this new surface location will be conducted by the DOG&M. **The BLM will be notified of that date.**

Special Conditions of Approval:

None.

Archeology:

- a. A new Cultural Resource Inventory Report has not been requested, however, a Cultural Resource Inventory report was prepared prior to the Rock House 3-32-10-23 being drilled.

Paleontology:

- a. A new Paleontology Reconnaissance Report was not requested, however, a Paleontology Reconnaissance Report was prepared prior to the Rock House 3-32-10-23 pad being built.

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 Representative and Certification:

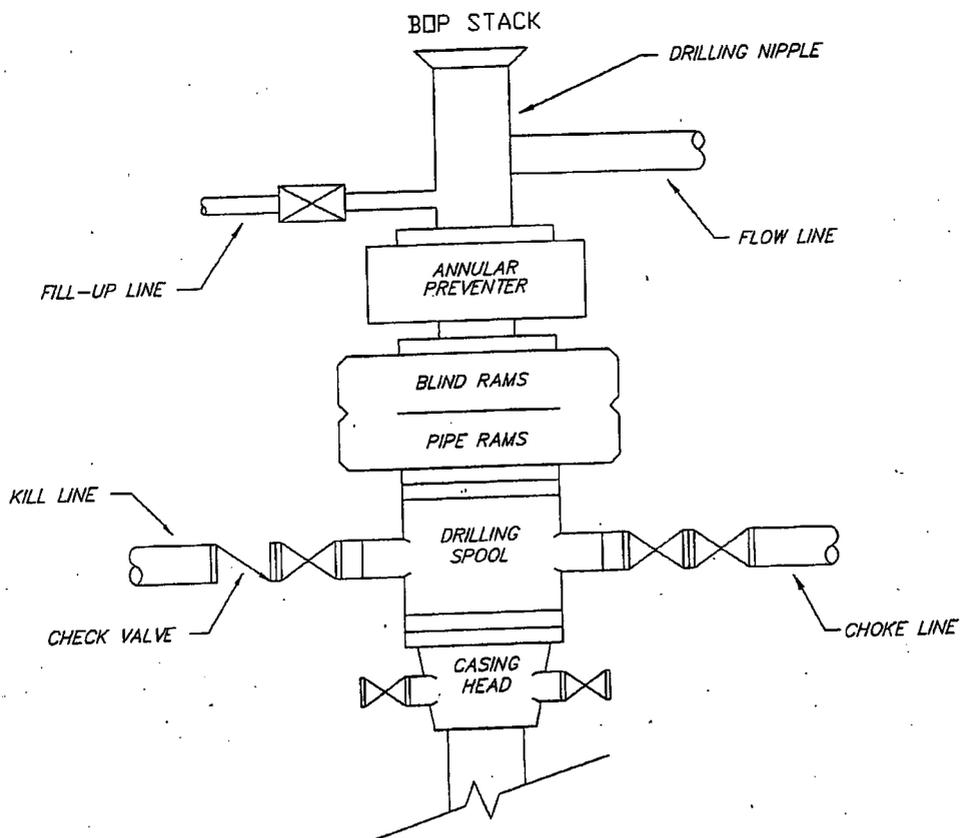
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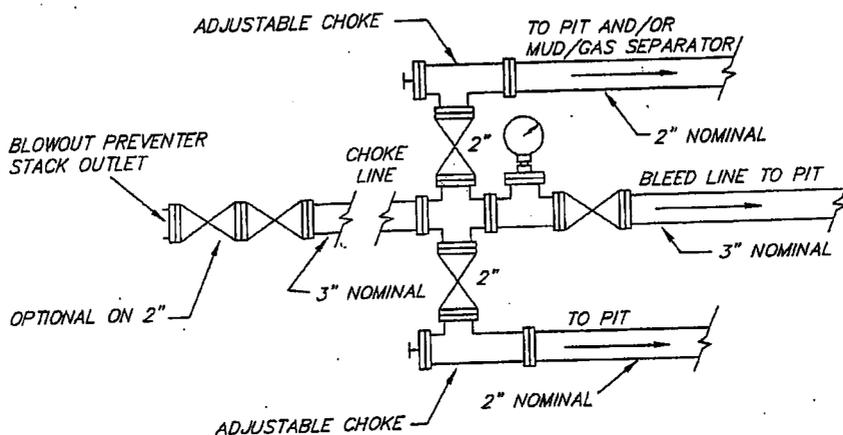
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ENDURING RESOURCES, LLC

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



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



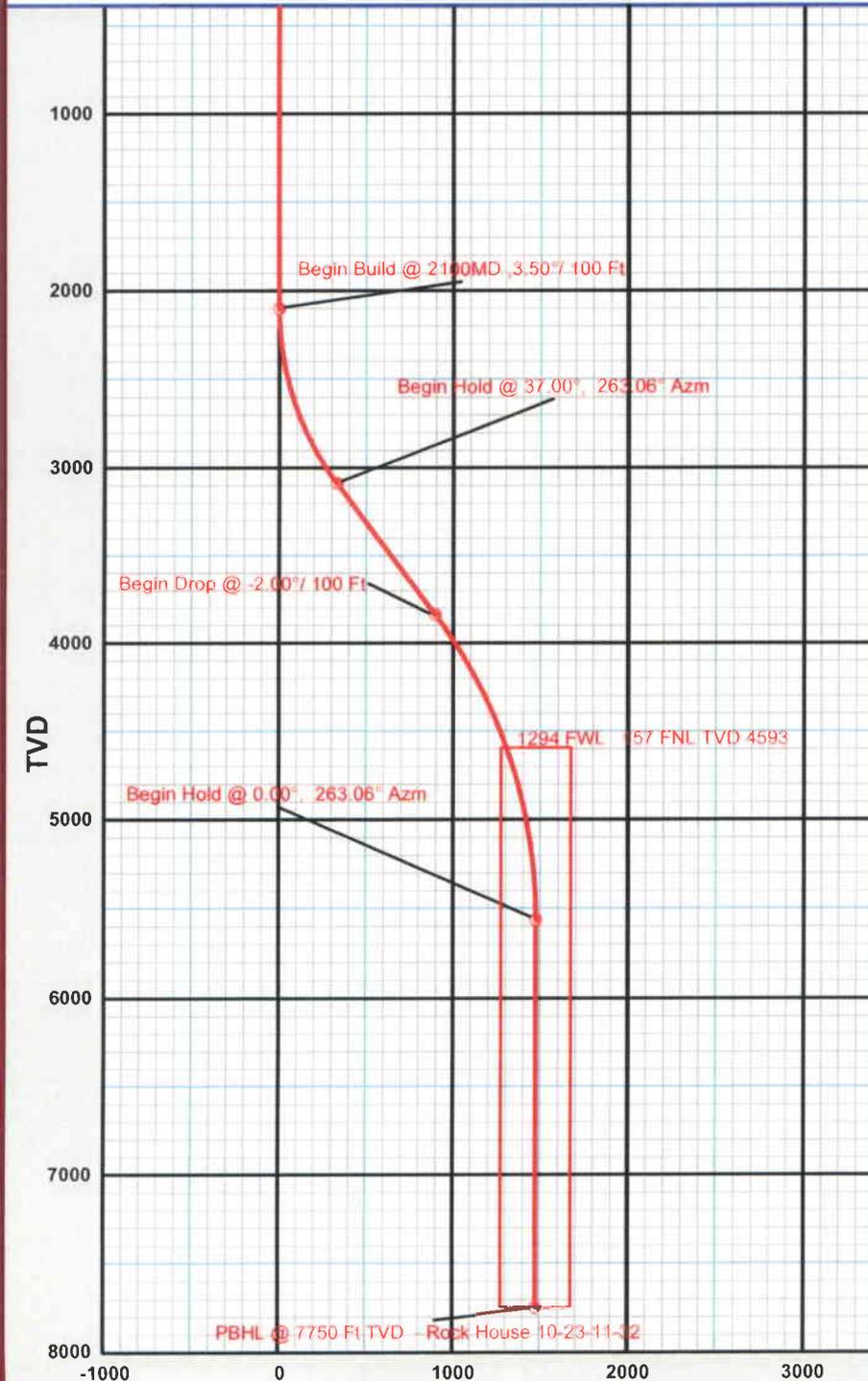


JOB INFORMATION

Company Name: Enduring Resources
 Location: Uintah County, Utah
 Well name: Rock House 10-23-11-32
 Report Date: Thursday, May 18, 2006
 State/Province : Utah
 Job Number: 0518

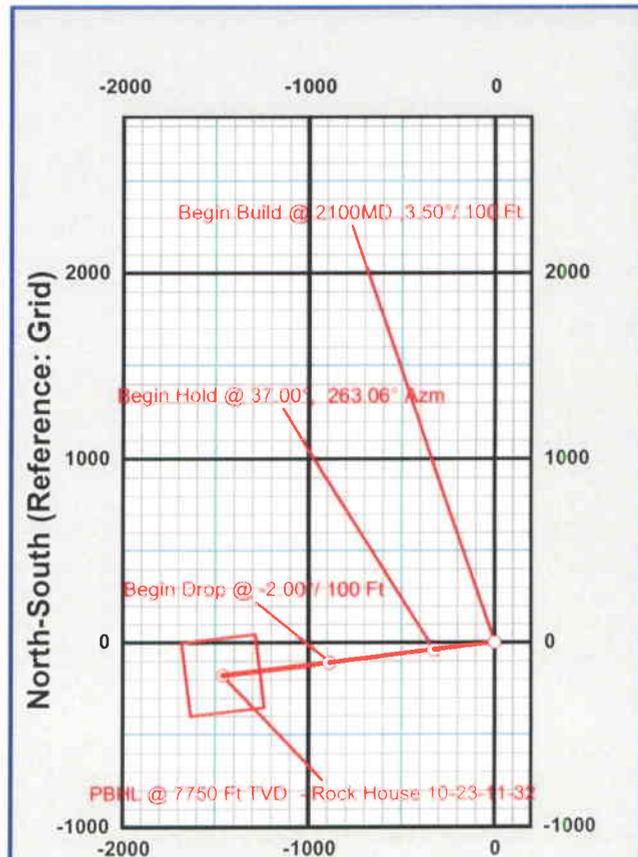
Critical Points for Rock House 10-23-11-32-Proposal

MD Ft	INC Deg	Azm Deg	TVD Ft	NS Ft	EW Ft	VS Ft	DLS	Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00		Begin Hold @ 0.00°, 0.00° Azm
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	Begin Build @ 2100MD ,3.50%/ 100 Ft
3157.14	37.00	263.06	3085.18	-39.83	-327.22	329.64	3.50	Begin Hold @ 37.00°, 263.06° Azm
4098.14	37.00	263.06	3836.70	-108.26	-889.38	895.95	0.00	Begin Drop @ -2.00%/ 100 Ft
5948.14	0.00	263.06	5560.77	-177.96	-1462.02	1472.81	2.00	Begin Hold @ 0.00°, 263.06° Azm
8137.37	0.00	263.06	7750.00	-177.96	-1462.02	1472.81	0.03	PBHL @ 7750 Ft TVD



TARGETS									
Name	Shape	Description	TVD Ft	NS Ft	EW Ft	Dip Deg	Dip Dir°	Closure Ft	Closure Dir
PBHL	CUBE	400 X 4003157F	7750	-178.00	1462.00	0	263.06	1472.80	263.06

GEODETICS
 Grid System UT83-C
 Datum: NAD83
 Group: US-SPC83
 Units: FEET
 Surface Location: 2122 FWL, 482 FNL
 Latitude: 39° 54' 40.5998" N
 Longitude: -109° 21' 9.6900" W
 Convergence: 1.38"E
 Scale Factor: 0.9999



Vertical Section @ 263.06° (1000Ft / Division)

East-West (1000Ft / Division)



Job Number: 0518
 Company: Enduring Resources
 Lease/Well: Rock House 10-23-11-32
 Location: Uintah County, Utah
 Rig Name:
 RKB: 0.00 Ft
 Vertical Datum:

State/Country:
 Declination:
 Grid:
 Project name: Rock House 10-23-11-32-Project
 Date/Time: 18-May-06 / 13:20
 Well Name: Rock House 10-23-11-32-Proposal
 North Reference: Grid North
 Convergence: 1.3755°

Predator Technologies
Proposed Survey

WinSURV3D SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 263.06°
 Vertical Section Referenced to Wellhead
 Local Coordinates Referenced to Structure Reference :
 EW=2242677.13 Ft, NS=7143650.74 Ft
 Direction referenced to Grid North 1.376° Convergence

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	LOCALS		Vertical Section Ft	CLOSURE		Dogleg Severity Deg/100
				N-S Ft	E-W Ft		Distance Ft	Direction Deg	
Begin Build @ 2100MD ,3.50°/ 100 Ft									
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00
2130.00	1.05	263.07	2130.00	-0.03	-0.27	0.27	0.27	263.07	3.50
2160.00	2.10	263.06	2159.99	-0.13	-1.09	1.10	1.10	263.06	3.50
2190.00	3.15	263.06	2189.95	-0.30	-2.46	2.47	2.47	263.06	3.50
2220.00	4.20	263.06	2219.89	-0.53	-4.36	4.40	4.40	263.06	3.50
2250.00	5.25	263.06	2249.79	-0.83	-6.82	6.87	6.87	263.06	3.50
2280.00	6.30	263.06	2279.64	-1.19	-9.81	9.89	9.89	263.06	3.50
2310.00	7.35	263.06	2309.42	-1.62	-13.35	13.45	13.45	263.06	3.50
2340.00	8.40	263.06	2339.14	-2.12	-17.43	17.56	17.56	263.06	3.50
2370.00	9.45	263.06	2368.78	-2.68	-22.05	22.22	22.22	263.06	3.50
2400.00	10.50	263.06	2398.32	-3.31	-27.21	27.41	27.41	263.06	3.50
2430.00	11.55	263.06	2427.77	-4.00	-32.91	33.15	33.15	263.06	3.50
2460.00	12.60	263.06	2457.11	-4.76	-39.14	39.42	39.42	263.06	3.50
2490.00	13.65	263.06	2486.32	-5.59	-45.90	46.24	46.24	263.06	3.50
2520.00	14.70	263.06	2515.41	-6.47	-53.19	53.58	53.58	263.06	3.50
2550.00	15.75	263.06	2544.35	-7.43	-61.01	61.46	61.46	263.06	3.50
2580.00	16.80	263.06	2573.15	-8.44	-69.36	69.87	69.87	263.06	3.50
2610.00	17.85	263.06	2601.79	-9.52	-78.23	78.80	78.80	263.06	3.50
2640.00	18.90	263.06	2630.26	-10.66	-87.61	88.26	88.26	263.06	3.50
2670.00	19.95	263.06	2658.55	-11.87	-97.52	98.24	98.24	263.06	3.50
2700.00	21.00	263.06	2686.66	-13.14	-107.93	108.73	108.73	263.06	3.50
2730.00	22.05	263.06	2714.56	-14.47	-118.86	119.74	119.74	263.06	3.50
2760.00	23.10	263.06	2742.26	-15.86	-130.29	131.25	131.25	263.06	3.50
2790.00	24.15	263.06	2769.75	-17.31	-142.23	143.28	143.28	263.06	3.50
2820.00	25.20	263.06	2797.01	-18.82	-154.66	155.80	155.80	263.06	3.50
2850.00	26.25	263.06	2824.04	-20.40	-167.58	168.82	168.82	263.06	3.50
2880.00	27.30	263.06	2850.82	-22.03	-181.00	182.34	182.34	263.06	3.50
2910.00	28.35	263.06	2877.35	-23.72	-194.90	196.34	196.34	263.06	3.50

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	LOCALS		Vertical Section Ft	CLOSURE		Dogleg Severity Deg/100
				N-S Ft	E-W Ft		Distance Ft	Direction Deg	
2940.00	29.40	263.06	2903.62	-25.47	-209.28	210.83	210.83	263.06	3.50
2970.00	30.45	263.06	2929.62	-27.28	-224.14	225.79	225.79	263.06	3.50
3000.00	31.50	263.06	2955.34	-29.15	-239.46	241.23	241.23	263.06	3.50
3030.00	32.55	263.06	2980.78	-31.07	-255.26	257.14	257.14	263.06	3.50
3060.00	33.60	263.06	3005.91	-33.05	-271.51	273.51	273.51	263.06	3.50
3090.00	34.65	263.06	3030.75	-35.08	-288.21	290.34	290.34	263.06	3.50
3120.00	35.70	263.06	3055.27	-37.17	-305.37	307.62	307.62	263.06	3.50
3150.00	36.75	263.06	3079.47	-39.31	-322.97	325.35	325.35	263.06	3.50
Begin Hold @ 37.00°, 263.06° Azm									
3157.14	37.00	263.06	3085.18	-39.83	-327.22	329.64	329.64	263.06	3.50
3257.14	37.00	263.06	3165.05	-47.10	-386.96	389.82	389.82	263.06	0.00
3357.14	37.00	263.06	3244.91	-54.37	-446.70	450.00	450.00	263.06	0.00
3457.14	37.00	263.06	3324.78	-61.64	-506.44	510.18	510.18	263.06	0.00
3557.14	37.00	263.06	3404.64	-68.92	-566.19	570.36	570.36	263.06	0.00
3657.14	37.00	263.06	3484.50	-76.19	-625.93	630.55	630.55	263.06	0.00
3757.14	37.00	263.06	3564.37	-83.46	-685.67	690.73	690.73	263.06	0.00
3857.14	37.00	263.06	3644.23	-90.73	-745.41	750.91	750.91	263.06	0.00
3957.14	37.00	263.06	3724.09	-98.00	-805.15	811.09	811.09	263.06	0.00
4057.14	37.00	263.06	3803.96	-105.27	-864.89	871.27	871.27	263.06	0.00
Begin Drop @ -2.00%/ 100 Ft									
4098.14	37.00	263.06	3836.70	-108.26	-889.38	895.95	895.95	263.06	0.00
4128.14	36.40	263.06	3860.75	-110.42	-907.18	913.87	913.87	263.06	2.00
4158.14	35.80	263.06	3884.99	-112.56	-924.73	931.55	931.55	263.06	2.00
4188.14	35.20	263.06	3909.42	-114.66	-942.02	948.97	948.97	263.06	2.00
4218.14	34.60	263.06	3934.02	-116.74	-959.06	966.14	966.14	263.06	2.00
4248.14	34.00	263.06	3958.80	-118.78	-975.84	983.04	983.04	263.06	2.00
4278.14	33.40	263.06	3983.76	-120.79	-992.36	999.69	999.69	263.06	2.00
4308.14	32.80	263.06	4008.89	-122.77	-1008.63	1016.07	1016.07	263.06	2.00
4338.14	32.20	263.06	4034.20	-124.72	-1024.63	1032.19	1032.19	263.06	2.00
4368.14	31.60	263.06	4059.66	-126.63	-1040.36	1048.04	1048.04	263.06	2.00
4398.14	31.00	263.06	4085.30	-128.52	-1055.83	1063.63	1063.63	263.06	2.00
4428.14	30.40	263.06	4111.09	-130.37	-1071.04	1078.94	1078.94	263.06	2.00
4458.14	29.80	263.06	4137.05	-132.19	-1085.97	1093.99	1093.99	263.06	2.00
4488.14	29.20	263.06	4163.16	-133.97	-1100.64	1108.76	1108.76	263.06	2.00
4518.14	28.60	263.06	4189.42	-135.72	-1115.03	1123.26	1123.26	263.06	2.00
4548.14	28.00	263.06	4215.84	-137.44	-1129.15	1137.48	1137.48	263.06	2.00
4578.14	27.40	263.06	4242.40	-139.13	-1142.99	1151.43	1151.43	263.06	2.00
4608.14	26.80	263.06	4269.10	-140.78	-1156.56	1165.09	1165.09	263.06	2.00
4638.14	26.20	263.06	4295.95	-142.39	-1169.85	1178.48	1178.48	263.06	2.00
4668.14	25.60	263.06	4322.94	-143.98	-1182.85	1191.58	1191.58	263.06	2.00
4698.14	25.00	263.06	4350.06	-145.53	-1195.58	1204.40	1204.40	263.06	2.00
4728.14	24.40	263.06	4377.32	-147.04	-1208.02	1216.94	1216.94	263.06	2.00
4758.14	23.80	263.06	4404.70	-148.52	-1220.18	1229.19	1229.19	263.06	2.00
4788.14	23.20	263.06	4432.21	-149.97	-1232.06	1241.15	1241.15	263.06	2.00
4818.14	22.60	263.06	4459.85	-151.38	-1243.65	1252.83	1252.83	263.06	2.00
4848.14	22.00	263.06	4487.61	-152.75	-1254.95	1264.21	1264.21	263.06	2.00
4878.14	21.40	263.06	4515.48	-154.09	-1265.96	1275.30	1275.30	263.06	2.00
4908.14	20.80	263.06	4543.47	-155.40	-1276.68	1286.10	1286.10	263.06	2.00
4938.14	20.20	263.06	4571.57	-156.67	-1287.11	1296.61	1296.61	263.06	2.00
4968.14	19.60	263.06	4599.78	-157.90	-1297.25	1306.82	1306.82	263.06	2.00
4998.14	19.00	263.06	4628.09	-159.10	-1307.09	1316.74	1316.74	263.06	2.00
5028.14	18.40	263.06	4656.51	-160.26	-1316.64	1326.35	1326.35	263.06	2.00
5058.14	17.80	263.06	4685.02	-161.39	-1325.89	1335.67	1335.67	263.06	2.00

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	LOCALS		Vertical Section Ft	CLOSURE		Dogleg Severity Deg/100
				N-S Ft	E-W Ft		Distance Ft	Direction Deg	
5088.14	17.20	263.06	4713.63	-162.48	-1334.84	1344.69	1344.69	263.06	2.00
5118.14	16.60	263.06	4742.34	-163.53	-1343.50	1353.42	1353.42	263.06	2.00
5148.14	16.00	263.06	4771.13	-164.55	-1351.86	1361.84	1361.84	263.06	2.00
5178.14	15.40	263.06	4800.01	-165.53	-1359.92	1369.95	1369.95	263.06	2.00
5208.14	14.80	263.06	4828.98	-166.47	-1367.67	1377.77	1377.77	263.06	2.00
5238.14	14.20	263.06	4858.02	-167.38	-1375.13	1385.28	1385.28	263.06	2.00
5268.14	13.60	263.06	4887.14	-168.25	-1382.28	1392.49	1392.49	263.06	2.00
5298.14	13.00	263.06	4916.34	-169.09	-1389.14	1399.39	1399.39	263.06	2.00
5328.14	12.40	263.06	4945.60	-169.88	-1395.68	1405.98	1405.98	263.06	2.00
5358.14	11.80	263.06	4974.94	-170.64	-1401.93	1412.27	1412.27	263.06	2.00
5388.14	11.20	263.06	5004.33	-171.37	-1407.86	1418.25	1418.25	263.06	2.00
5418.14	10.60	263.06	5033.79	-172.05	-1413.49	1423.93	1423.93	263.06	2.00
5448.14	10.00	263.06	5063.31	-172.70	-1418.82	1429.29	1429.29	263.06	2.00
5478.14	9.40	263.06	5092.88	-173.31	-1423.84	1434.35	1434.35	263.06	2.00
5508.14	8.80	263.06	5122.50	-173.88	-1428.55	1439.09	1439.09	263.06	2.00
5538.14	8.20	263.06	5152.17	-174.42	-1432.95	1443.52	1443.52	263.06	2.00
5568.14	7.60	263.06	5181.89	-174.92	-1437.04	1447.65	1447.65	263.06	2.00
5598.14	7.00	263.06	5211.64	-175.38	-1440.82	1451.46	1451.46	263.06	2.00
5628.14	6.40	263.06	5241.44	-175.80	-1444.30	1454.96	1454.96	263.06	2.00
5658.14	5.80	263.06	5271.27	-176.19	-1447.46	1458.15	1458.15	263.06	2.00
5688.14	5.20	263.06	5301.13	-176.53	-1450.32	1461.02	1461.02	263.06	2.00
5718.14	4.60	263.06	5331.02	-176.84	-1452.86	1463.59	1463.59	263.06	2.00
5748.14	4.00	263.06	5360.94	-177.12	-1455.09	1465.83	1465.83	263.06	2.00
5778.14	3.40	263.06	5390.87	-177.35	-1457.02	1467.77	1467.77	263.06	2.00
5808.14	2.80	263.06	5420.83	-177.55	-1458.63	1469.39	1469.39	263.06	2.00
5838.14	2.20	263.06	5450.80	-177.70	-1459.93	1470.70	1470.70	263.06	2.00
5868.14	1.60	263.06	5480.78	-177.82	-1460.91	1471.70	1471.70	263.06	2.00
5898.14	1.00	263.06	5510.78	-177.91	-1461.59	1472.38	1472.38	263.06	2.00
5928.14	0.40	263.06	5540.77	-177.95	-1461.95	1472.74	1472.74	263.06	2.00
Begin Hold @ 0.00°, 263.06° Azm									
5948.14	0.00	263.06	5560.77	-177.96	-1462.02	1472.81	1472.81	263.06	2.00
6048.14	0.00	263.06	5660.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6148.14	0.00	263.06	5760.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6248.14	0.00	263.06	5860.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6348.14	0.00	263.06	5960.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6448.14	0.00	263.06	6060.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6548.14	0.00	263.06	6160.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6648.14	0.00	263.06	6260.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6748.14	0.00	263.06	6360.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6848.14	0.00	263.06	6460.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
6948.14	0.00	263.06	6560.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7048.14	0.00	263.06	6660.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7148.14	0.00	263.06	6760.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7248.14	0.00	263.06	6860.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7348.14	0.00	263.06	6960.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7448.14	0.00	263.06	7060.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7548.14	0.00	263.06	7160.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7648.14	0.00	263.06	7260.77	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7687.59	0.00	263.06	7300.22	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7725.92	0.00	263.06	7338.55	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7825.92	0.00	263.06	7438.55	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
7925.92	0.00	263.06	7538.55	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
8025.92	0.00	263.06	7638.55	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
8125.92	0.00	263.06	7738.55	-177.96	-1462.02	1472.81	1472.81	263.06	0.00

Measured Depth Ft	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	LOCALS		Vertical Section Ft	CLOSURE		Dogleg Severity Deg/100
				N-S Ft	E-W Ft		Distance Ft	Direction Deg	
8136.57	0.00	263.06	7749.20	-177.96	-1462.02	1472.81	1472.81	263.06	0.00
PBHL @ 7750 Ft TVD									
8137.37	0.00	263.06	7750.00	-177.96	-1462.02	1472.81	1472.81	263.06	0.03

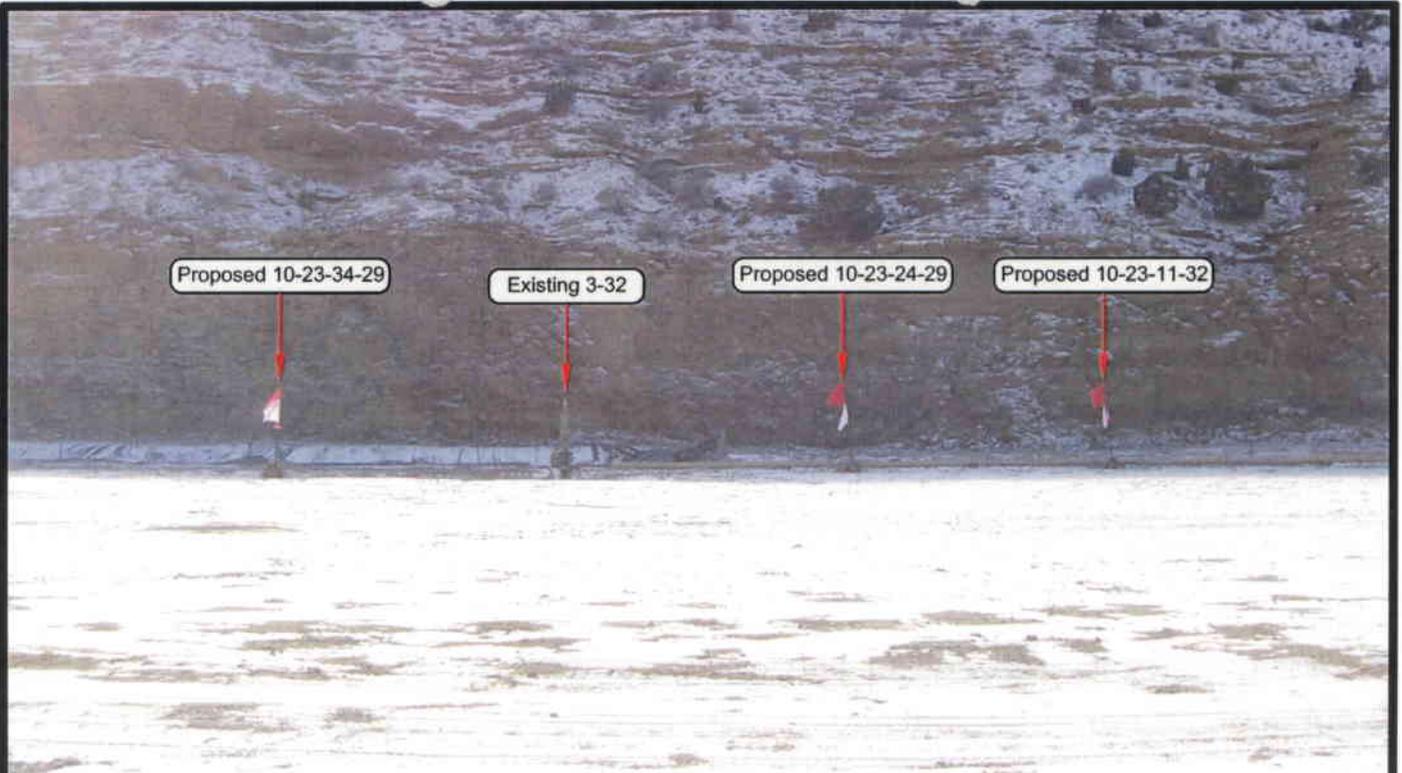


PHOTO VIEW: FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO VIEW: EXISTING ACCESS ROAD

CAMERA ANGLE: SOUTHERLY

ENDURING RESOURCES

Rock House 10-23-3-32, Rock House 10-23-34-29,
 Rock House 10-23-24-29 & Rock House 10-23-11-32
 SECTION 32, T10S, R23E, S.L.B.&M,
 521' FNL & 2154' FWL

LOCATION PHOTOS

TAKEN BY: K.R.K.

DRAWN BY: M.W.W.

DATE TAKEN: 12-08-15

DATE DRAWN: 12-09-05

REVISED:

Timberline Land Surveying, Inc.

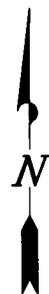
38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
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 OF 10

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT

**ROCK HOUSE 3-32-10-23, ROCK HOUSE 10-23-34-29,
ROCK HOUSE 10-23-24-29 & ROCK HOUSE 10-23-11-32**



SURFACE POSITION FOOTAGES:

ROCK HOUSE 10-23-11-32
482' FNL & 2122' FWL

ROCK HOUSE 10-23-24-29
502' FNL & 2138' FWL

ROCK HOUSE 3-32-10-23
521' FNL & 2154' FWL

ROCK HOUSE 10-23-34-29
541' FNL & 2169' FWL

BOTTOM HOLE FOOTAGES

ROCK HOUSE 10-23-11-32
660' FNL & 660' FWL

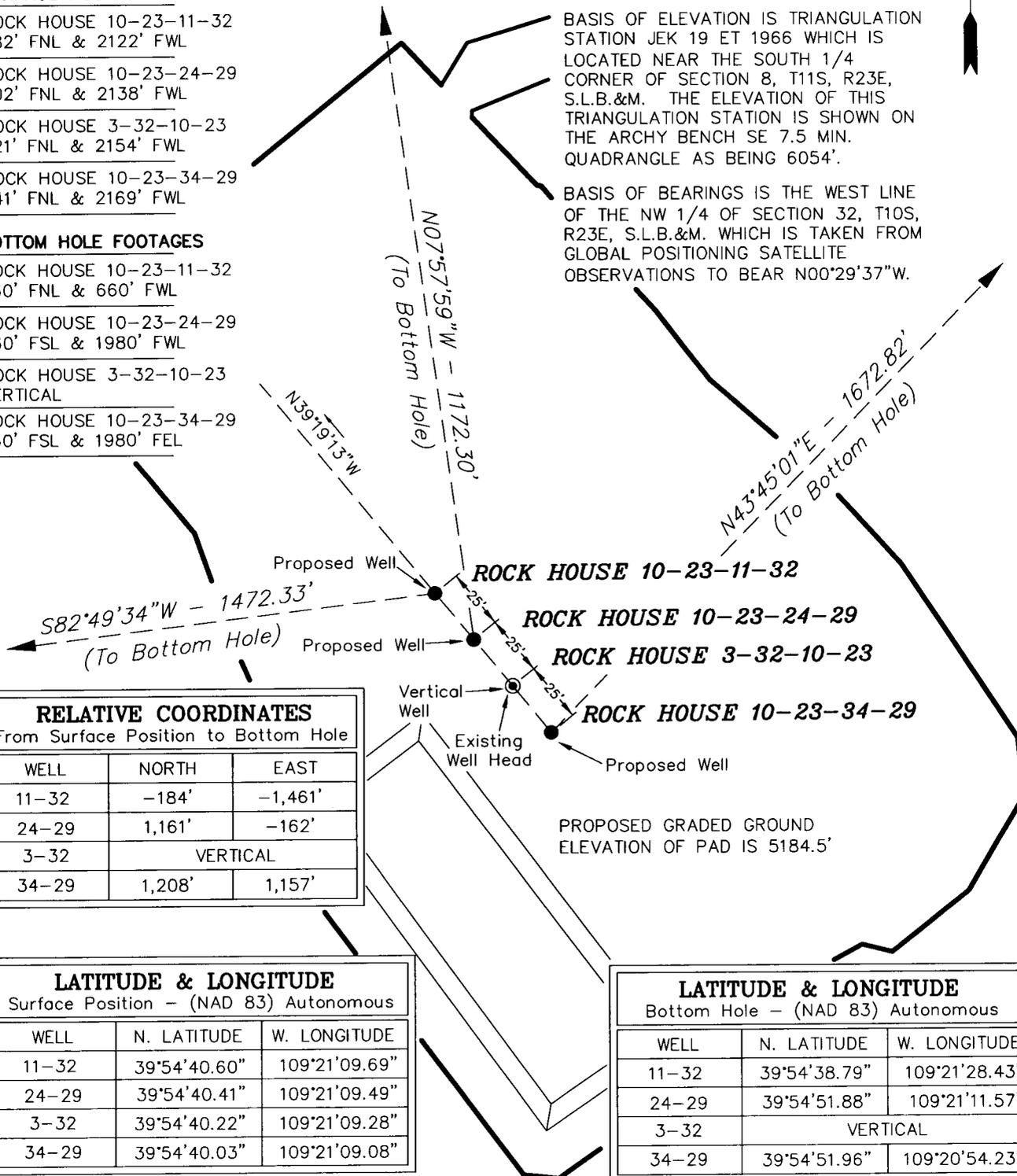
ROCK HOUSE 10-23-24-29
660' FSL & 1980' FWL

ROCK HOUSE 3-32-10-23
VERTICAL

ROCK HOUSE 10-23-34-29
660' FSL & 1980' FEL

BASIS OF ELEVATION IS TRIANGULATION STATION JEK 19 ET 1966 WHICH IS LOCATED NEAR THE SOUTH 1/4 CORNER OF SECTION 8, T11S, R23E, S.L.B.&M. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE ARCHY BENCH SE 7.5 MIN. QUADRANGLE AS BEING 6054'.

BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 32, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°29'37"W.



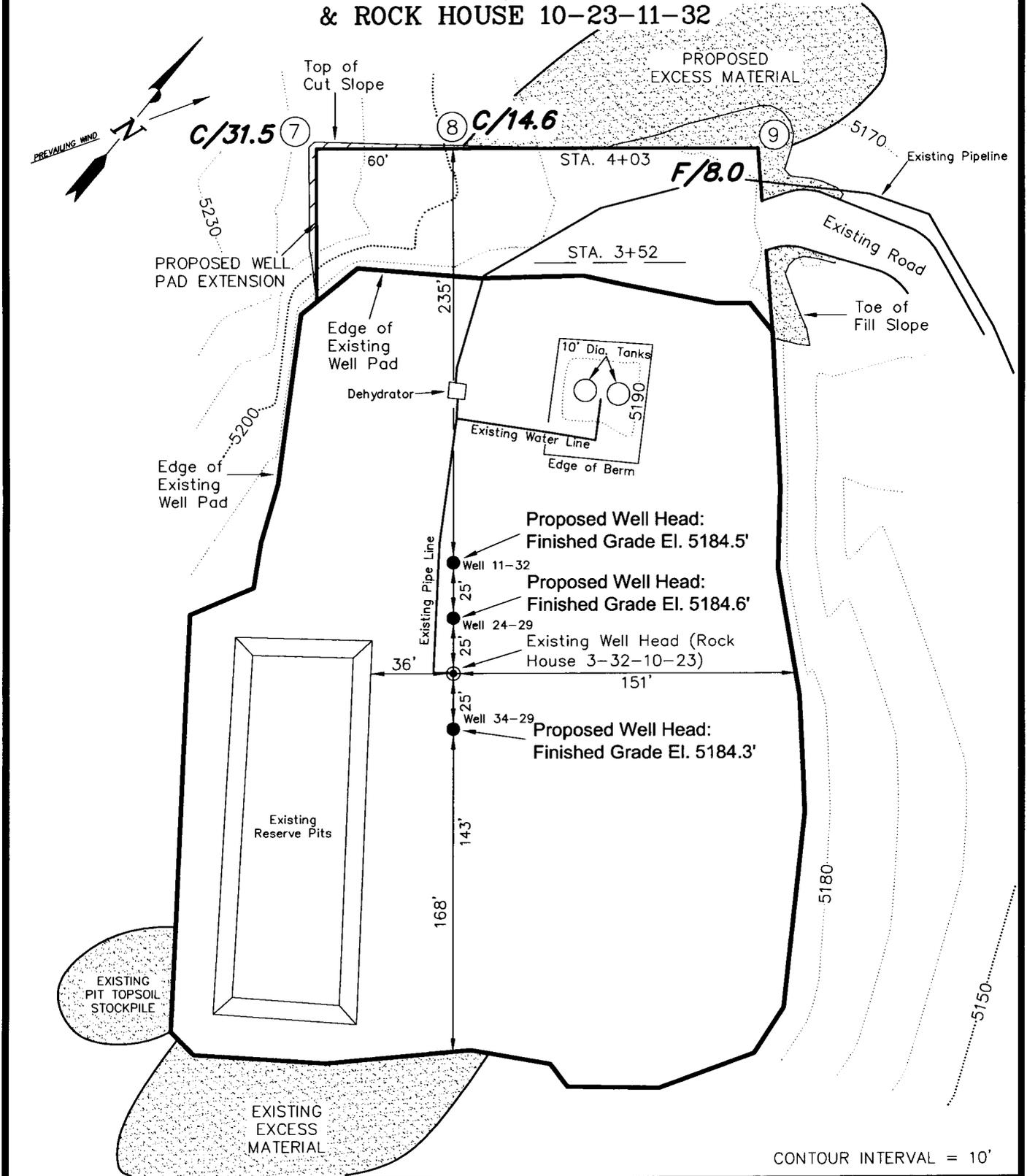
RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
11-32	-184'	-1,461'
24-29	1,161'	-162'
3-32	VERTICAL	
34-29	1,208'	1,157'

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
11-32	39°54'40.60"	109°21'09.69"
24-29	39°54'40.41"	109°21'09.49"
3-32	39°54'40.22"	109°21'09.28"
34-29	39°54'40.03"	109°21'09.08"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
11-32	39°54'38.79"	109°21'28.43"
24-29	39°54'51.88"	109°21'11.57"
3-32	VERTICAL	
34-29	39°54'51.96"	109°20'54.23"

ENDURING RESOURCES

**CUT SHEET - ROCK HOUSE 3-32-10-23,
ROCK HOUSE 10-23-34-29, ROCK HOUSE 10-23-24-29
& ROCK HOUSE 10-23-11-32**

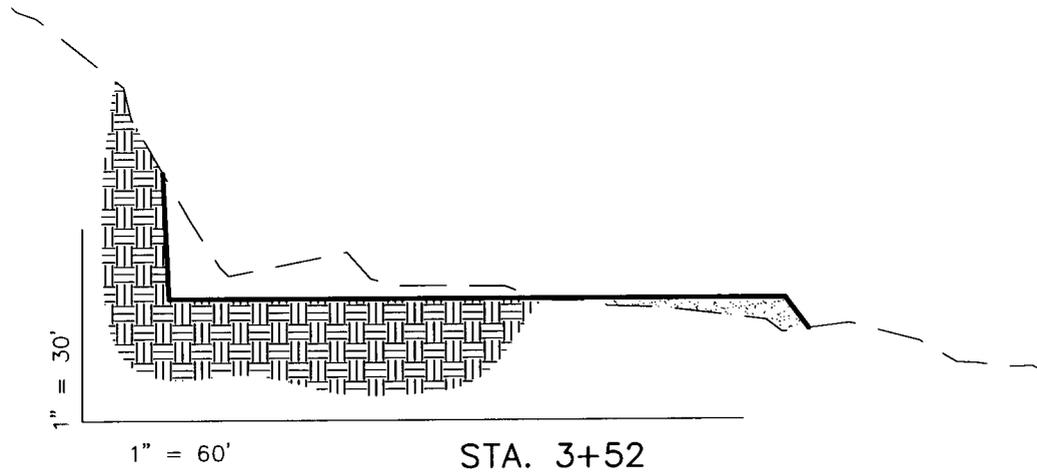
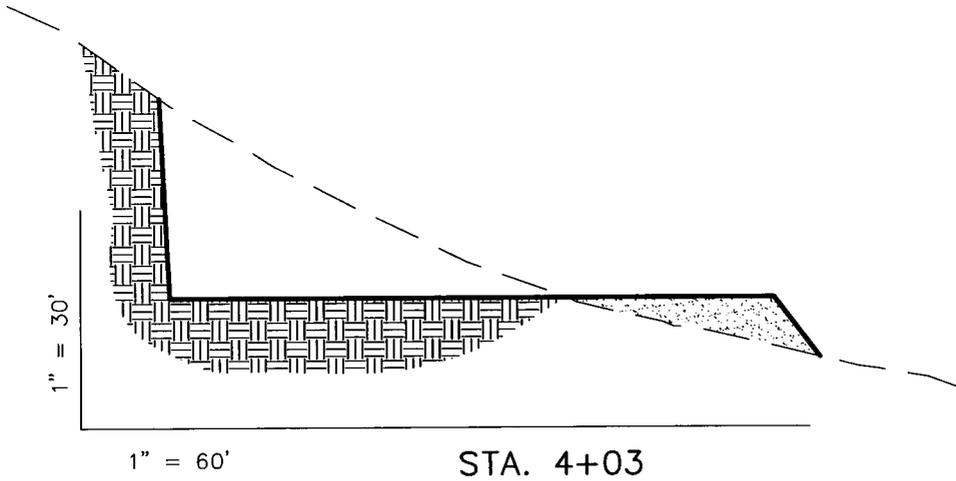


CONTOUR INTERVAL = 10'

Section 32, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW		Footage Location: 521' FNL & 2154' FWL	
Date Surveyed: 12-03-05	Date Drawn: 12-21-05	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.			

ENDURING RESOURCES

CROSS SECTIONS – ROCK HOUSE 3-32-10-23,
ROCK HOUSE 10-23-34-29, ROCK HOUSE 10-23-24-29
& ROCK HOUSE 10-23-11-32



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	3,280	670	Topsoil is not included in Pad Cut	2,610
PIT	0	0		0
TOTALS	3,280	670	1,560	2,610

Excess Material after Pit Rehabilitation = 2,610 Cu. Yds.

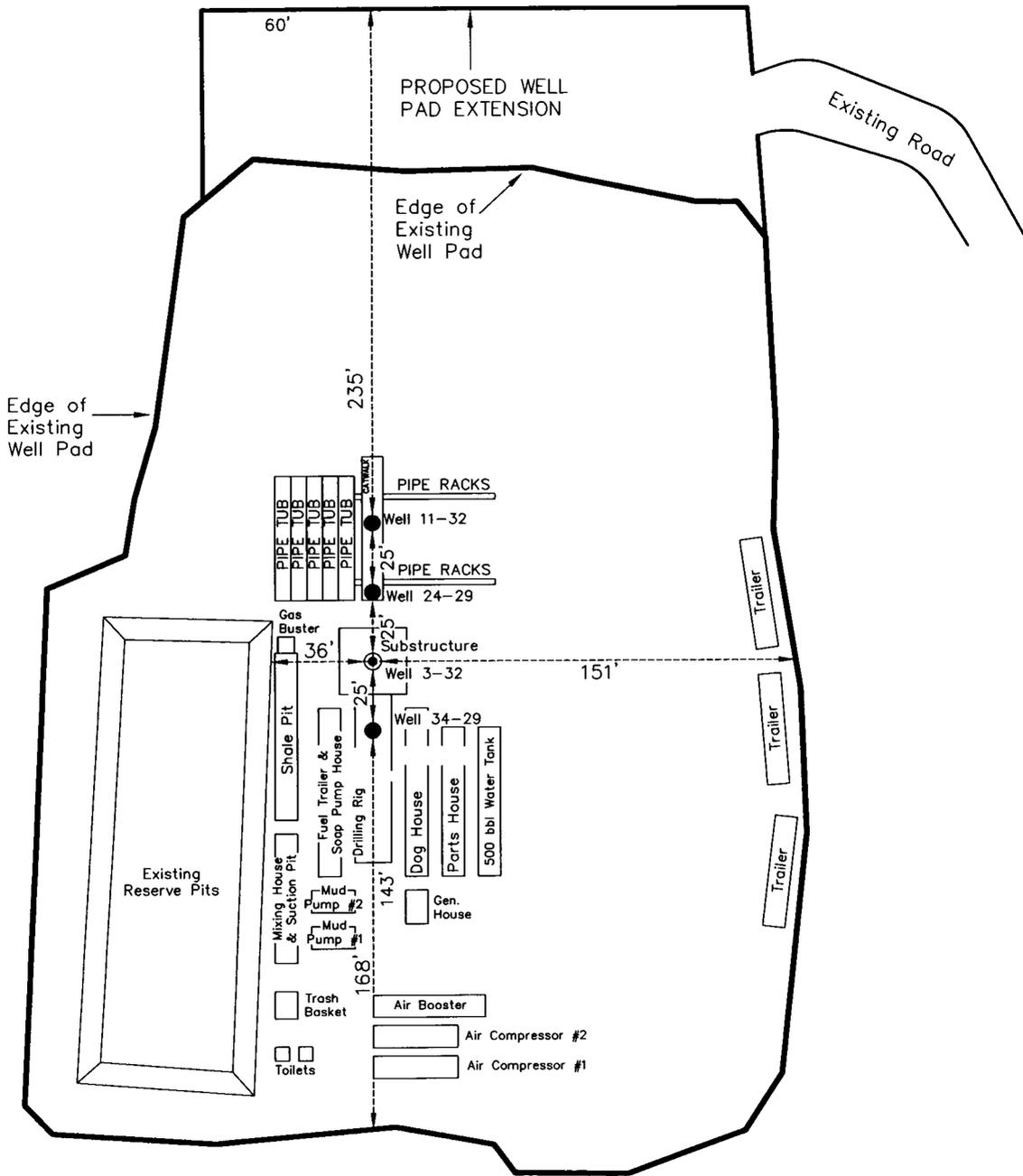
NOTE:
CUT SLOPES ARE DEPICTED
VERTICALLY TO MATCH
EXISTING PAD
FILL SLOPES ARE AT 1.5:1

Section 32, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW	Footage Location: 521' FNL & 2154' FWL
Date Surveyed: 12-03-05	Date Drawn: 12-21-05	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
5
OF 10

ENDURING RESOURCES

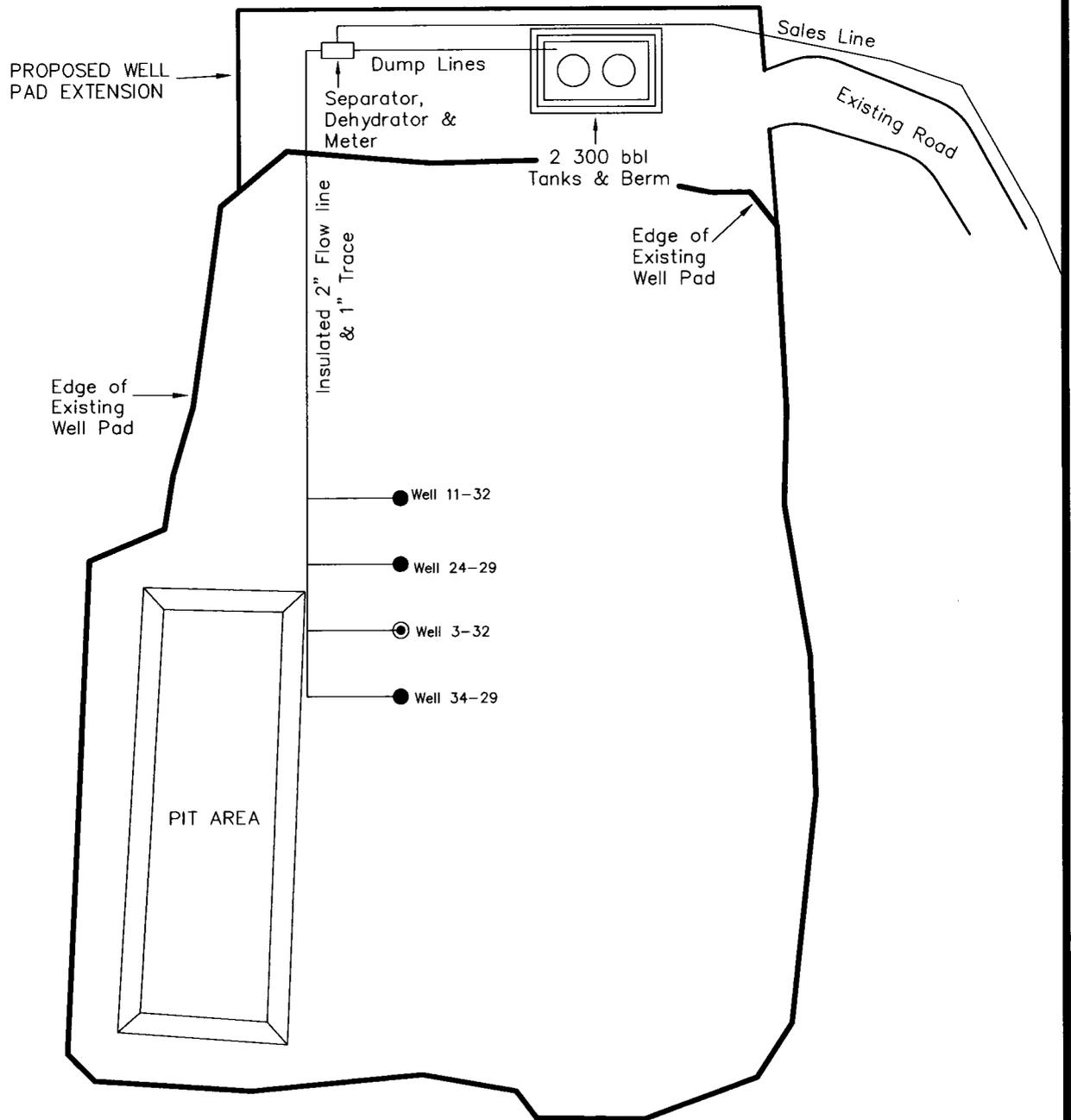
TYPICAL RIG LAYOUT – ROCK HOUSE 3-32-10-23,
 ROCK HOUSE 10-23-34-29, ROCK HOUSE 10-23-24-29
 & ROCK HOUSE 10-23-11-32



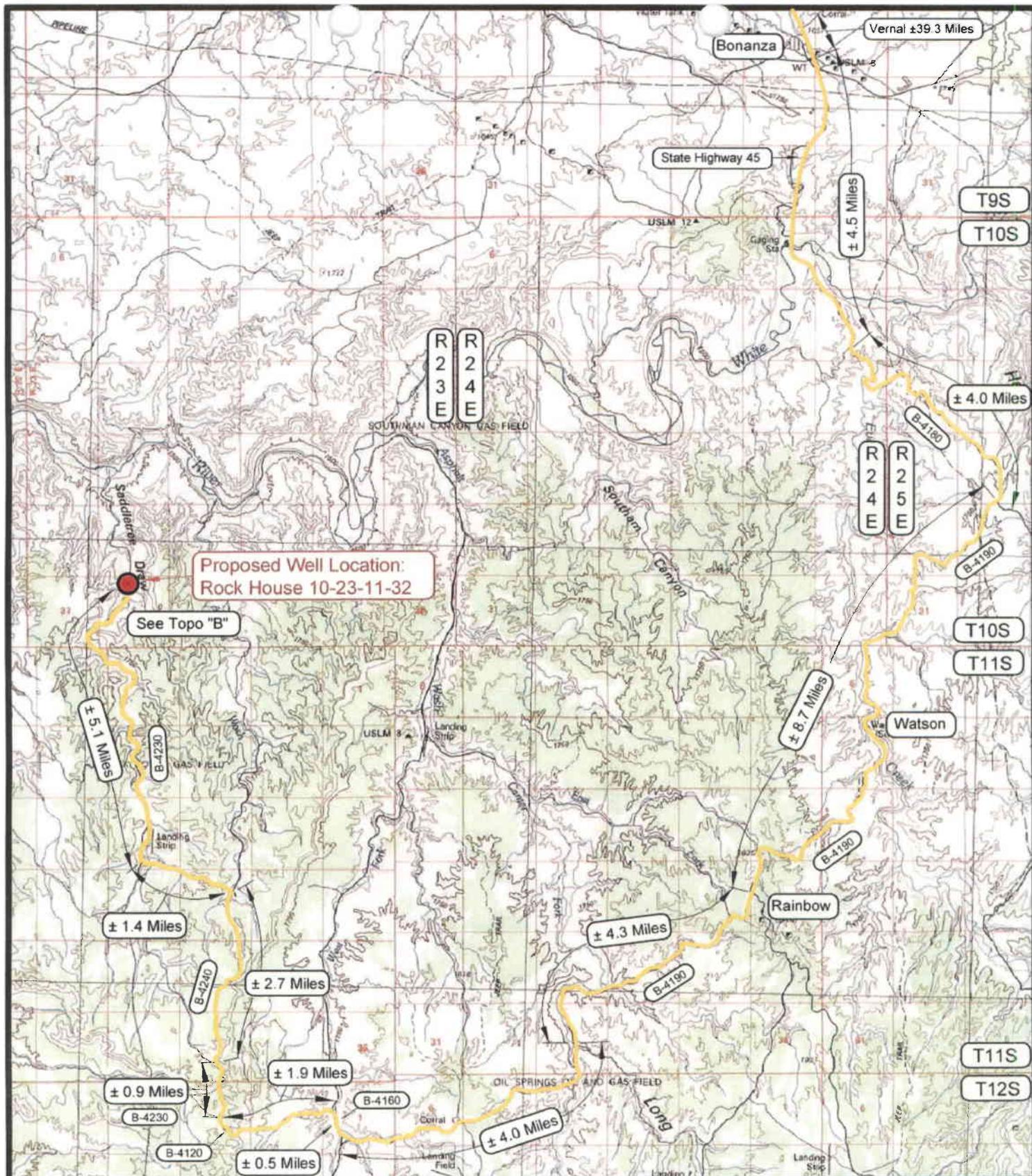
Section 32, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW	Footage Location: 521' FNL & 2154' FWL
Date Surveyed: 12-03-05	Date Drawn: 12-21-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 6 OF 10

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 3-32-10-23,
 ROCK HOUSE 10-23-34-29, ROCK HOUSE 10-23-24-29
 & ROCK HOUSE 10-23-11-32



Section 32, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW	Footage Location: 521' FNL & 2154' FWL
Date Surveyed: 12-03-05	Date Drawn: 12-21-05	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 10



**Proposed Well Location:
Rock House 10-23-11-32**

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 10-23-11-32

Other wells on this pad: **Rock House 3-32-10-23,**
Rock House 10-23-34-29 & Rock House 10-23-24-29
SECTION 30, T10S, R23E, S.L.B.&M.

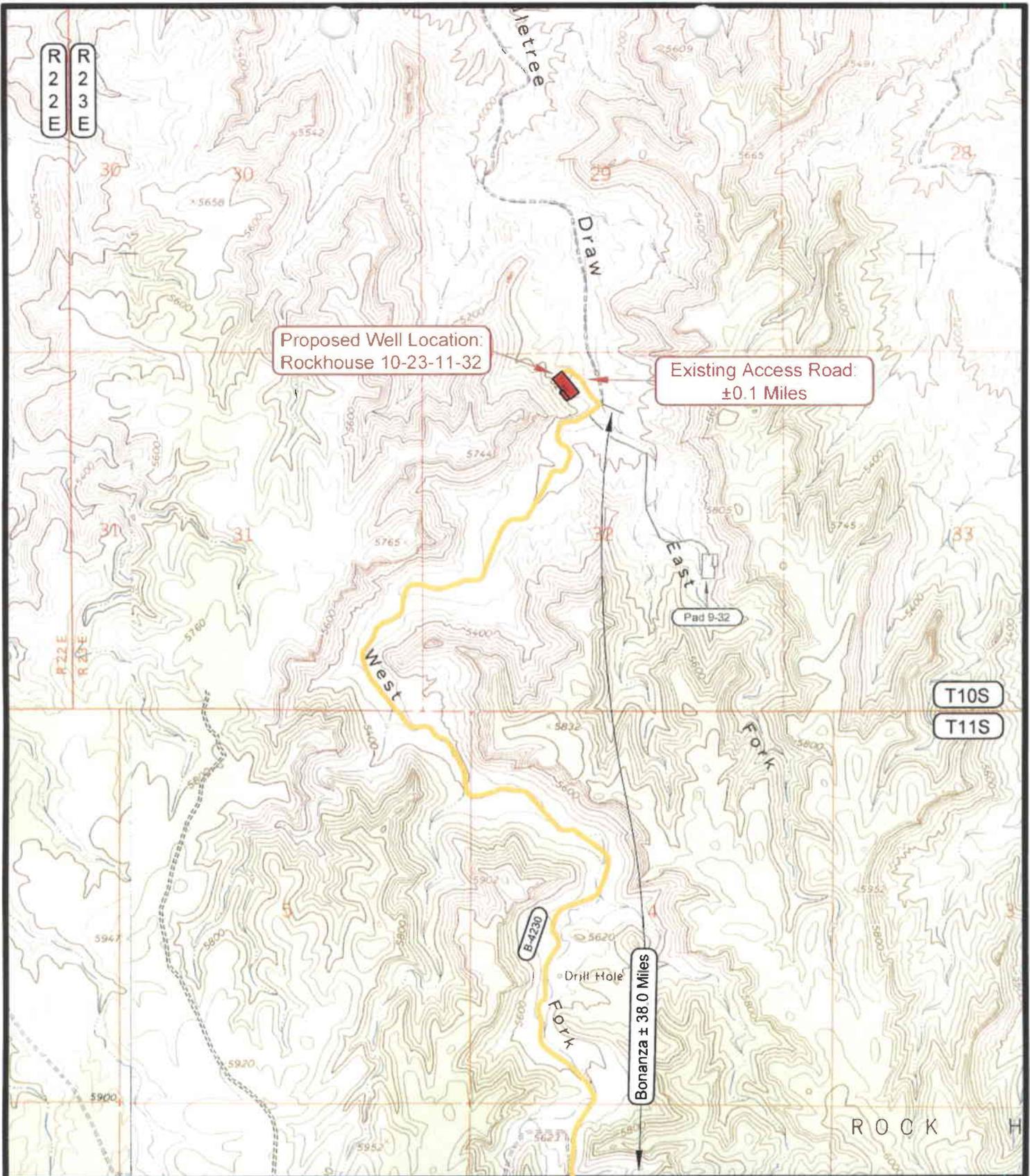
TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000' DRAWN BY: M.W.W.

DATE SURVEYED: 12-08-05
 DATE DRAWN: 12-09-05
 REVISED: 05-08-06

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

SHEET
8
OF 11



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

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 12-08-05

DATE DRAWN: 12-09-05

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED: 05-08-06

ENDURING RESOURCES

Rock House 10-23-11-32

Other wells on this pad: **Rock House 3-32-10-23,**
Rock House 10-23-34-29 & Rock House 10-23-24-29
SECTION 30, T10S, R23E, S.L.B.&M.

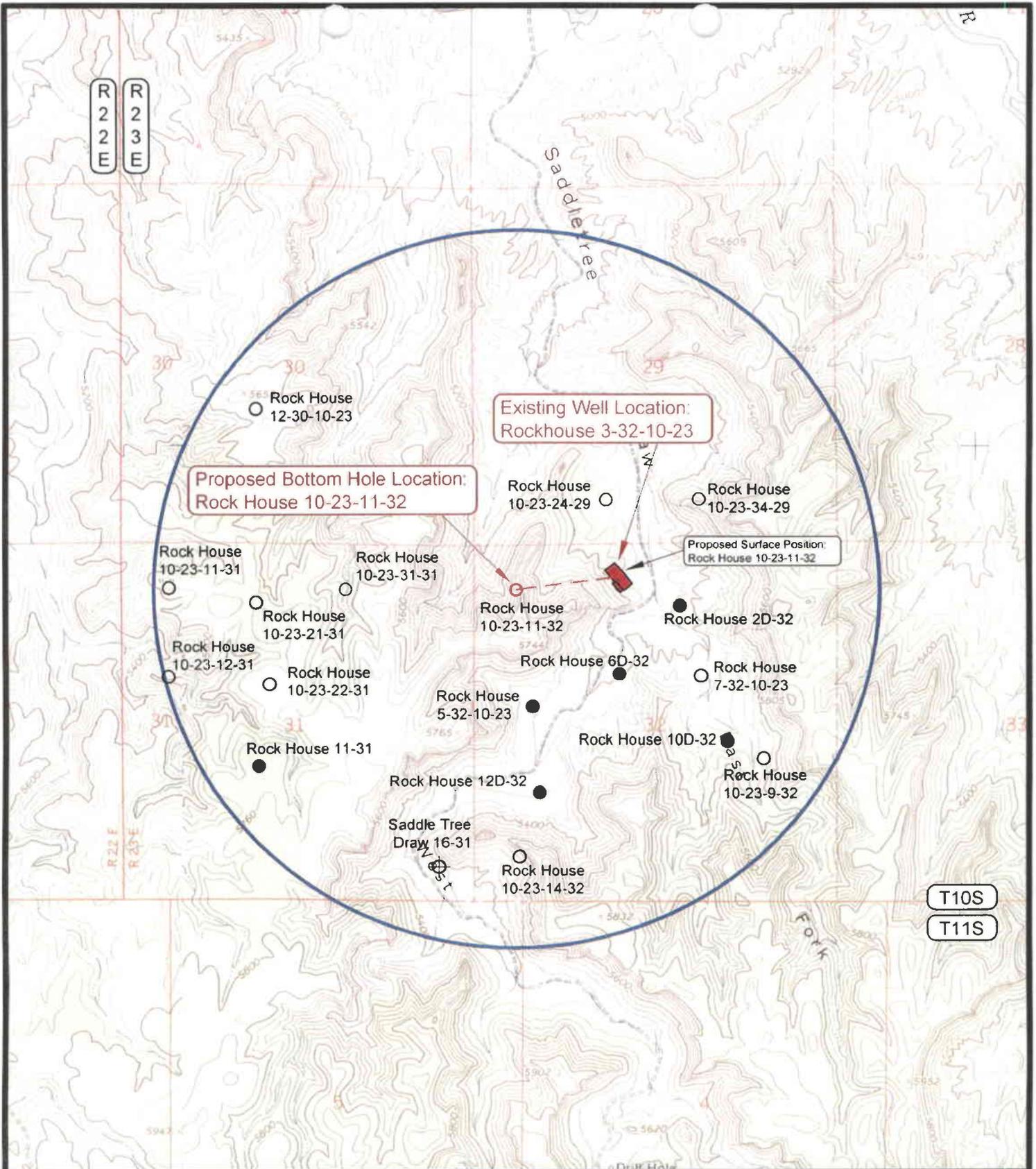
Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
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SHEET

9

OF 11



R
2
2
E

R
2
3
E

T10S

T11S

LEGEND

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

ENDURING RESOURCES

Rock House 10-23-11-32
SECTION 32, T10S, R23E, S.L.B.&M.
Bottom Hole: 660' FNL & 660' FWL

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 12-08-05

DATE DRAWN: 12-09-05

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

Timberline Land Surveying, Inc.

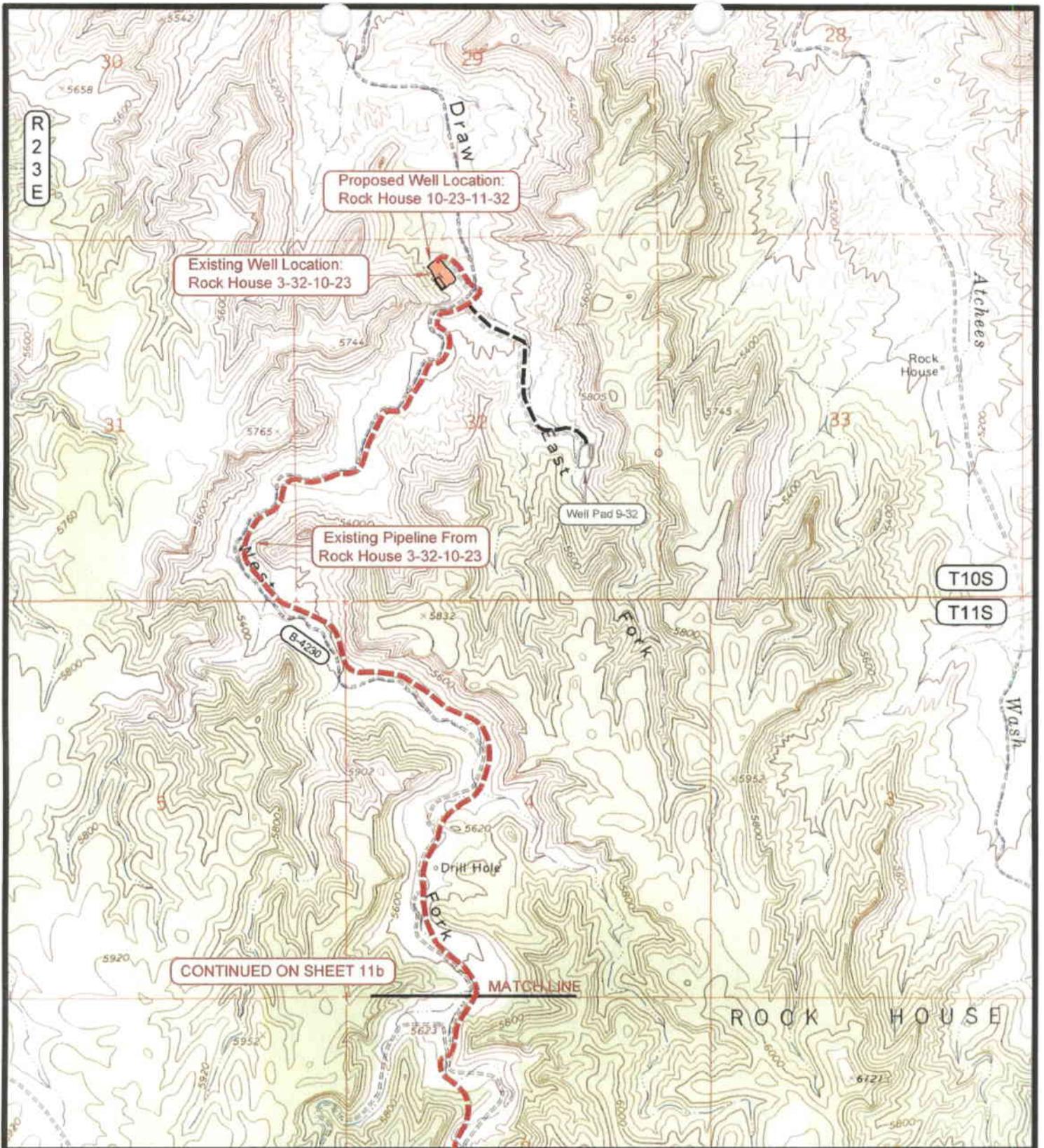
38 West 100 North Vernal, Utah 84078

(435) 789-1365

SHEET

10c

OF 10



APPROXIMATE PIPELINE LENGTH = 5.1 Miles

LEGEND

- - - - - = SUBJECT PIPELINE
- - - - - = OTHER PIPELINE
- - - - - = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE
- B-5460 = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "D"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 12-08-05

DATE DRAWN: 01-12-06

REVISED: 05-08-06

ENDURING RESOURCES

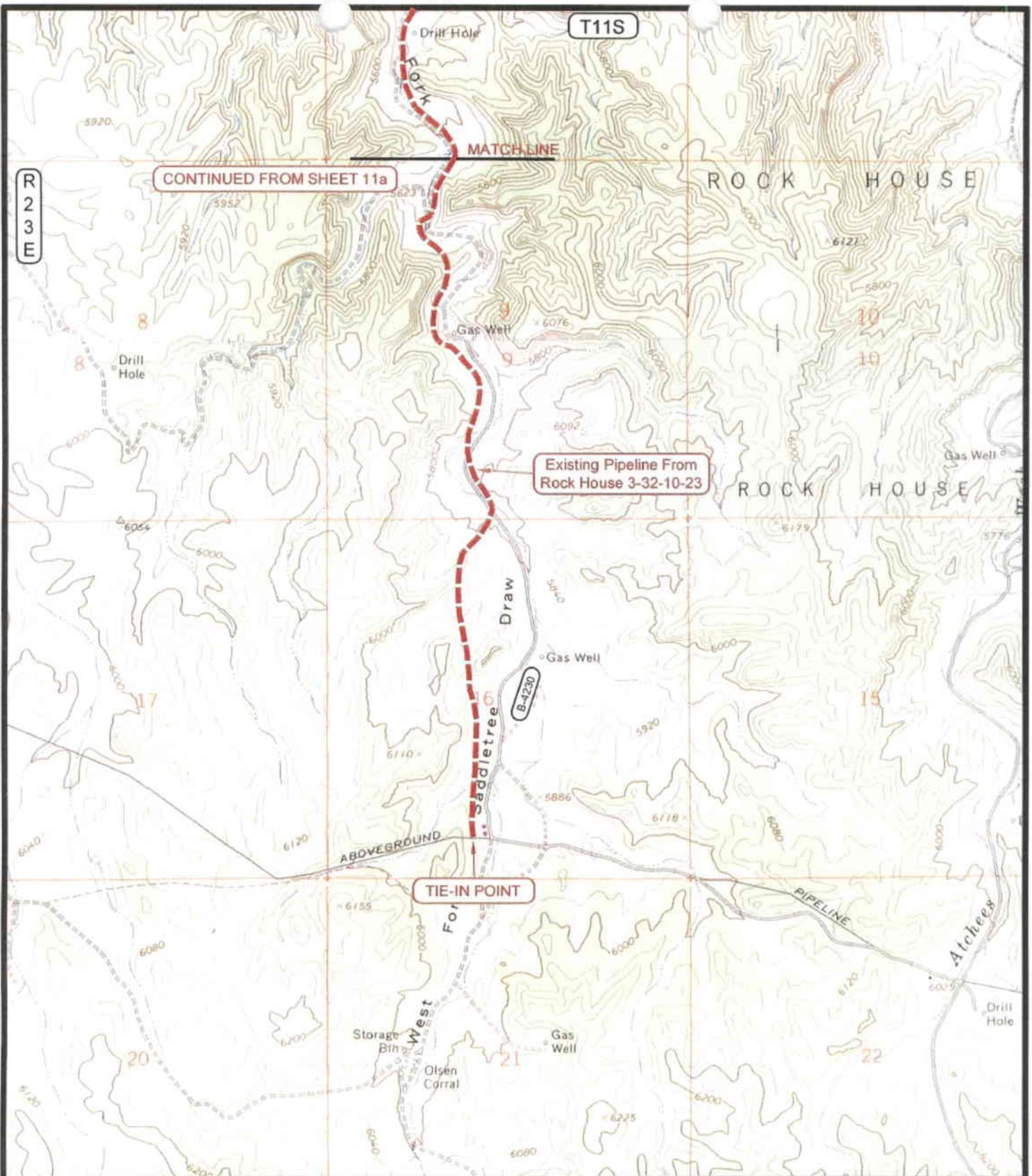
Rock House 10-23-11-32

Other wells on this pad: Rock House 3-32-10-23,
 Rock House 10-23-34-29 & Rock House 10-23-24-29
SECTION 30, T10S, R23E, S.L.B.&M.

Timberline Land Surveying, Inc.

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

**SHEET
 11a
 OF 11**



LEGEND

- - - - - = SUBJECT PIPELINE
- - - - - = OTHER PIPELINE
- - - - - = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE
- = COUNTY ROAD CLASS & NUMBER

B-5460

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 12-08-05

DATE DRAWN: 01-12-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED: 05-08-06

ENDURING RESOURCES

Rock House 10-23-11-32

Other wells on this pad: Rock House 3-32-10-23,
 Rock House 10-23-34-29 & Rock House 10-23-24-29
SECTION 30, T10S, R23E, S.L.B.&M.

Timberline Land Surveying, Inc.

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

**SHEET
 11b
 OF 11**

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/02/2006

API NO. ASSIGNED: 43-047-38197

WELL NAME: ROCK HOUSE 10-23-11-32
 OPERATOR: ENDURING RESOURCES, LLC (N2750)
 CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

NENW 32 100S 230E
 SURFACE: 0482 FNL 2122 FWL
 BOTTOM: 0660 FNL 0660 FWL
 COUNTY: UINTAH
 LATITUDE: 39.91131 LONGITUDE: -109.3519
 UTM SURF EASTINGS: 640875 NORTHINGS: 4419003
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DkD	7/20/06
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47063
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008031)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2216)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

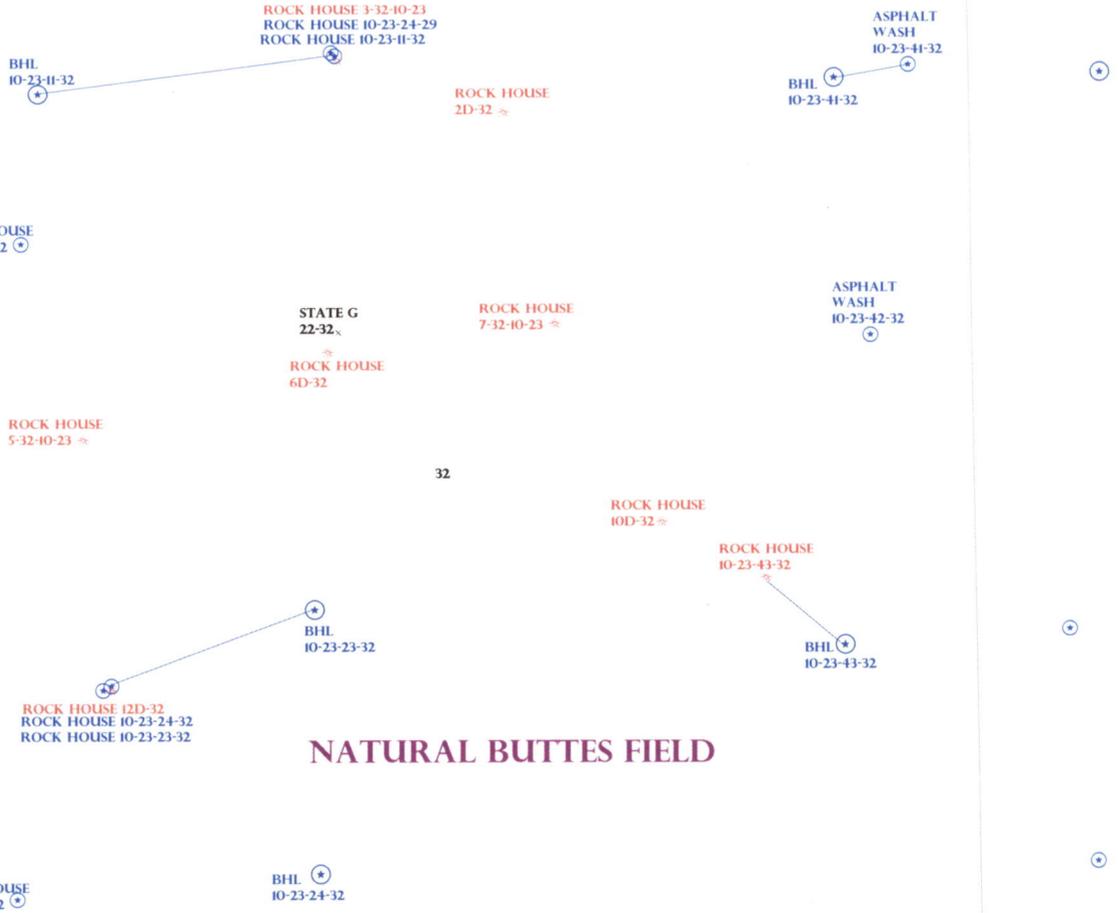
LOCATION AND SITING:

- 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: Needs Perm (06-13-06)

STIPULATIONS: 1- Spacing SLP
2- STATEMENT OF BASIS
3- Surface Csg Cont Stip

T10S R23E



T11S R23E

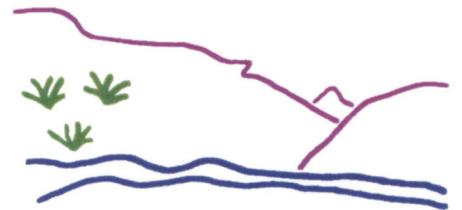
OPERATOR: ENDURING RES LLC (N2750)

SEC: 32 T. 10S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING



Utah Oil Gas and Mining

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



PREPARED BY: DIANA WHITNEY
DATE: 16-JUNE-2006

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: ENDURING RESOURCES, LLC
WELL NAME & NUMBER: ROCK HOUSE 10-23-11-32
API NUMBER: 43-047-38197
LOCATION: 1/4,1/4 NE/NW Sec: 32 TWP: 10S RNG: 23E 482' FNL 2122' FWL (SITLA)
(PRODUCING ZONE) NW/NW; 660' FNL; 660'FWL: (SITLA)

Geology/Ground Water:

Enduring proposes to set 2,016 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,200 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta/Green River Formation transition. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The Green River Formation is made up of interbedded limestones, shales and sandstones. Fresh water aquifers can be found in the Green River Formation and should be protected. The proposed surface casing should adequately protect any potentially useable aquifers. Production casing cement should be brought up above the base of the moderately saline ground water.

Reviewer: Brad Hill **Date:** 07-03-06

Surface:

The pre-drill investigation of the surface was performed on June 13, 2006.

This is a directional well planned of the same pad as 3 other wells: the Rock House 10-23-24-32, the Rock House 10-23-34-29, and the existing Rock House 10-23-03-32. All are directional wells except the existing 10-23-03-32, which is a vertical well. The surface and minerals are owned by SITLA.

Ed Bonner and Jim Davis of SITLA and Melissa Hawk from the BLM were invited by e-mail on June 6, 2006 to attend the investigation. None attended.

The selected location appears to be the best site for drilling multiple wells from a single location. No significant stability problems are anticipated.

Reviewer: Floyd Bartlett **Date:** 06/19/2006

Conditions of Approval/Application for Permit to Drill:

1. As other wells are drilled on this location, the integrity of the reserve pit liner must be determined prior to drilling. Repairs or replacement of the liner as appropriate is required

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ENDURING RESOURCES, LLC

WELL NAME & NUMBER: ROCK HOUSE 10-23-11-32 (NOTE: This is a directional well planned of the same pad as 3 other wells: the Rock House 10-23-24-29, the Rock House 10-23-34-29, and the existing Rock House 10-23-03-32. All are directional wells except the existing 10-23-3-32, which is a vertical well.)

API NUMBER: 43-047-38197

LEASE: ML-47063 **FIELD/UNIT:** Undesignated

LOCATION: 1/4,1/4 NE/NW Sec: 32 TWP: 10S RNG: 23E 482' FNL 2122' FWL (SITLA)
(PRODUCING ZONE) NW/NW; 660' FNL; 660'FWL: (SITLA)

LEGAL WELL SITING: 460 F SEC. LINE; 460F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 0640863 E; 4419006 N **SURFACE OWNER:** SITLA

PARTICIPANTS

Floyd Bartlett (DOGM), Douglas Hammond (Enduring Resources) Mike Stewart (Ponderosa Construction), Colby Kay (Timberline Land Surveying, Inc.), Ben Williams (UDWR)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The proposed Rock House 10-23-11-32 well lies in the bottom of Saddle Tree Draw on an existing pad originally constructed by Houston Exploration and contains a producing gas well.

Saddle Tree Draw is an ephemeral wash only flowing during the spring runoff and intense summer rainstorms. The White River is approximately 1-1/2 miles downstream to the north. No springs or seeps are known in the area. The location is approximately 12 air miles south west of Bonanza Ut, and approximately 77.4 road miles southeast of Vernal, UT. Access from Bonanza is by State Highway, Uintah County and oilfield development roads to the existing pad.

Topography in the general area is broad canyon bottoms separated by steep and often ledgy side-slopes, which top out onto broad ridge tops. Frequent outwash plains and deposits occur along the sides of the major bottoms. The ridge top to be used as access is frequently broken with side draws leaving near the top.

SURFACE USE PLAN

CURRENT SURFACE USE: Existing gas well, wildlife and domestic sheep grazing and hunting.

PROPOSED SURFACE DISTURBANCE: The existing pad will be extended approximately 50 feet on the north east end.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Several. See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. The

existing pipeline will be used for transportation of the gas.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? EXPLAIN: Any public interest should be positive since a single pad is being used to locate 4 wells. Surface disturbance will be significantly reduced.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: The pit extension area contains very little vegetation. Pronghorn, rodents, songbirds, raptors, elk, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: Rocky sandy loam.

EROSION/SEDIMENTATION/STABILITY: No significant erosion occurs from the existing pad and no stability concerns are anticipated with the extension and operation of the location.

PALEONTOLOGICAL POTENTIAL: none

RESERVE PIT

CHARACTERISTICS: The reserve pit used for the 10-23-3-32 well is still open and the liner appears to be in good condition. This pit is expected to be adequate in size for drilling the additional wells.

LINER REQUIREMENTS (Site Ranking Form attached): Sensitivity score is 40 and a rating Level II. The integrity of the liner should be monitored during future use.

SURFACE RESTORATION/RECLAMATION PLAN

As per landowner agreement with SITLA.

SURFACE AGREEMENT: In place.

CULTURAL RESOURCES/ARCHAEOLOGY: Previously completed for the existing well.

OTHER OBSERVATIONS/COMMENTS

Melissa Hawk from the BLM was invited by e-mail on June 6, 2006 to attend the investigation. She replied by e-mail that a mandatory meeting scheduled for that day prevented her from attending. She informed Doug Hammond of Enduring Resources that she would visit the site at a later date. The bottom hole locations of two of the wells to be drilled from this pad are on lands administered by the BLM.

ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

06/13/2006 1:30 PM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>20</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 40 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

J7-06 Enduring Rock House -23-11-32

Casing Schematic

Uista

Surface

8-5/8"
MW 8.4
Frac 19.3

TOC @
1732.
Surface
2016. MD
2016. TVD

BHP

$$(0.52)(9.8)(7750) = 3949$$

Anticipate 4030

Gas

$$(0.12)(7750) = 930$$

MASP: 3100

Fluid

$$(0.22)(7750) = 1705$$

MASP: 2325

BOPE - 3,000 ✓

Surf csq - 2950
70% = 2065

Max pressure @ Surf csq shoe = 2769

✓ Test to 2065#
(± 1200psi Surface Press)

✓ Adequate DWD H/20/06
4-1/2"
MW 9.8

TOC @
0.

543 Green River

1501 TOC Tail

✓ w/ 4% washout
* Surface Stop

3005 TOC Tail

3293 washout

✓ w/ 6% Washout

4200 Bmsw

5184 Mesaverde

Production
8137. MD
7750. TVD

Well name:	07-06 Enduring Rock House 10-23-11-32	
Operator:	Enduring Resource, LLC	Project ID:
String type:	Surface	43-047-38197
Location:	Uintah County	

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,774 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,016 psi

No backup mud specified.

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,762 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,750 ft
Next mud weight: 9.800 ppg
Next setting BHP: 3,945 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,016 ft
Injection pressure 2,016 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2016	8.625	24.00	J-55	ST&C	2016	2016	7.972	97.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	880	1370	1.557	2016	2950	1.46	42	244	5.77 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: July 3, 2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2016 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

07-06 Enduring Rock House 10-23-11-32Operator: **Enduring Resource, LLC**String type: **Production**

Project ID:

43-047-38197

Location: **Uintah County****Design parameters:****Collapse**Mud weight: 9.800 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 183 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,732 ft

BurstMax anticipated surface
pressure: 1,261 psi
Internal gradient: 0.346 psi/ft
Calculated BHP 3,945 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)**Directional well information:**Kick-off point 0 ft
Departure at shoe: 1473 ft
Maximum dogleg: 3.5 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 7,002 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	8137	4.5	11.60	N-80	LT&C	7750	8137	3.875	188.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3945	6350	1.610	3945	7780	1.97	77	223	2.91 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningPhone: 801-538-5280
FAX: 801-359-3940Date: July 3, 2006
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 7750 ft, a mud weight of 9.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

July 20, 2006

Enduring Resources, LLC
475 17th St., Ste. 1500
Denver, CO 80202

Re: Rock House 10-23-11-32 Well, 482' FNL, 2122' FWL, NE NW, Sec. 32,
T. 10 South, R. 23 East, Bottom Location 660' FNL, 660' FWL, NW NW,
Sec. 32, 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 43-047-38197.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Enduring Resources, LLC
Well Name & Number Rock House 10-23-11-32
API Number: 43-047-38197
Lease: ML-47063

Location: NE NW **Sec.** 32 **T.** 10 South **R.** 23 East
Bottom Location: NW NW **Sec.** 32 **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

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

7. 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.
8. Surface casing shall be cemented to surface.

From: Ed Bonner
To: Whitney, Diana
Date: 7/11/2006 10:04:31 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC
Buck Camp 12-22-12-2
Rock House 10-23-24-32
Rock House 10-23-11-32

Dominion E&P, Inc
LCU 3-2H
LCU 6-2H
LCU 8-2H
LCU 7-2H
LCU 9-2H

The Houston Exploration Company
East Coyote 3-2-8-25
East Coyote 4-2-8-25
East Coyote 6-2-8-25
East Coyote 8-2-8-25
East Coyote 10-2-8-25
East Coyote 12-2-8-25
East Coyote 14-2-8-25
East Coyote 16-2-8-25

Kerr McGee Oil & Gas Onshore LP (Westport)
State 1021-36M
State 1021-36L
NBU 1022-18F
Bitter Creek 1122-2B
Bitter Creek 1122-2H
NBU 1021-2C

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

ENTITY ACTION FORM

Operator: Enduring Resources, LLC Operator Account Number: N 2750
 Address: 475 17th Street, Suite 1500
city Denver
state CO zip 80202 Phone Number: (303) 350-5114

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738197	Rock House 10-23-11-32	NWNW	32	10S	23E	Utah
Action Code	Current Entity Number	New Entity Number	Sold Date	Entity Assignment Effective Date		
A	99999	15588	8/17/2006	8/24/06		
Comments: fka the Rock House 4-32 <i>MURD</i>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738019	Southman Canyon 9-24-43-30	NESE	30	9S	24E	Utah
Action Code	Current Entity Number	New Entity Number	Sold Date	Entity Assignment Effective Date		
A	99999	15589	8/17/06	8/24/06		
Comments: fka the Southman Canyon 9-30 <i>MNCS</i> CONFIDENTIAL						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Sold Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Alvin R. (Al) Arlian

Name (Please Print)

Al Arlian

Signature

Landman-Regulatory

Title

8/18/2006

Date

(42800)

RECEIVED

AUG 18 2006

DIV. OF OIL, GAS & MINING

18/2006/FRI 11:48 AM

ENDURING RESOURCES

FAX No. 3035730461

P. 002

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, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

CONFIDENTIAL

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47063
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: 482' FNL - 2,122' FWL NENW		8. WELL NAME and NUMBER: Rock House 10-23-11-32
QTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 10S 23E S		9. API NUMBER: 4304738197
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>9/29/2006</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 checked="" 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>Bigger Surface Pipe</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.

Will run 9-5/8" surface pipe in 12-1/4" hole, instead of 8-5/8" surface pipe in 11" hole, to help facilitate directional drilling.

COPY SENT TO OPERATOR
Date: 10/15/06
Initials: RM

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

SIGNATURE [Signature] DATE 9/29/2006

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

(5/2000)

(See Instructions on Reverse Side)

DATE: 10/2/06
BY: [Signature]
* Surface Csg shall be cemented from setting depth back to surface.

475 17th Street, Suite 1500
Denver, CO 80202
Office (303) 573-1222
Fax: (303) 573-0461

Enduring Resources, LLC

Fax

To:	Dustin Doucet	From:	Al Arlian 303-350-5114
Fax:	801-359-3940	Pages:	
Phone:		Date:	September 29, 2006
Re:	Rock House 10-23-11-32	e-mail:	arlian@enduringresources.com

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

● **Comments**

 2 **Pages, including this Page.**

The rig could move as early as late this weekend. Sorry, they caught me off guard.

Two hard copies have been mailed.

Thank you for your assistance.

Al Arlian

Al's Cell: 303-880-3841

Well name:	07-06 Enduring Rock House 10-23-11-32rev.		
Operator:	Enduring Resource, LLC		
String type:	Surface	Project ID:	43-047-38197
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 103 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,774 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 2,016 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 1,767 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,750 ft
 Next mud weight: 9.800 ppg
 Next setting BHP: 3,945 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,016 ft
 Injection pressure: 2,016 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2016	9.625	32.30	H-40	ST&C	2016	2016	8.876	890.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	880	1370	1.557	2016	2270	1.13	57	254	4.45 J

Prepared by: Clinton Dworshak
 Div of Oil, Gas & Minerals

Phone: 801-538-5280
 FAX: 801-359-3940

Date: October 2, 2006
 Salt Lake City, Utah

Remarks:

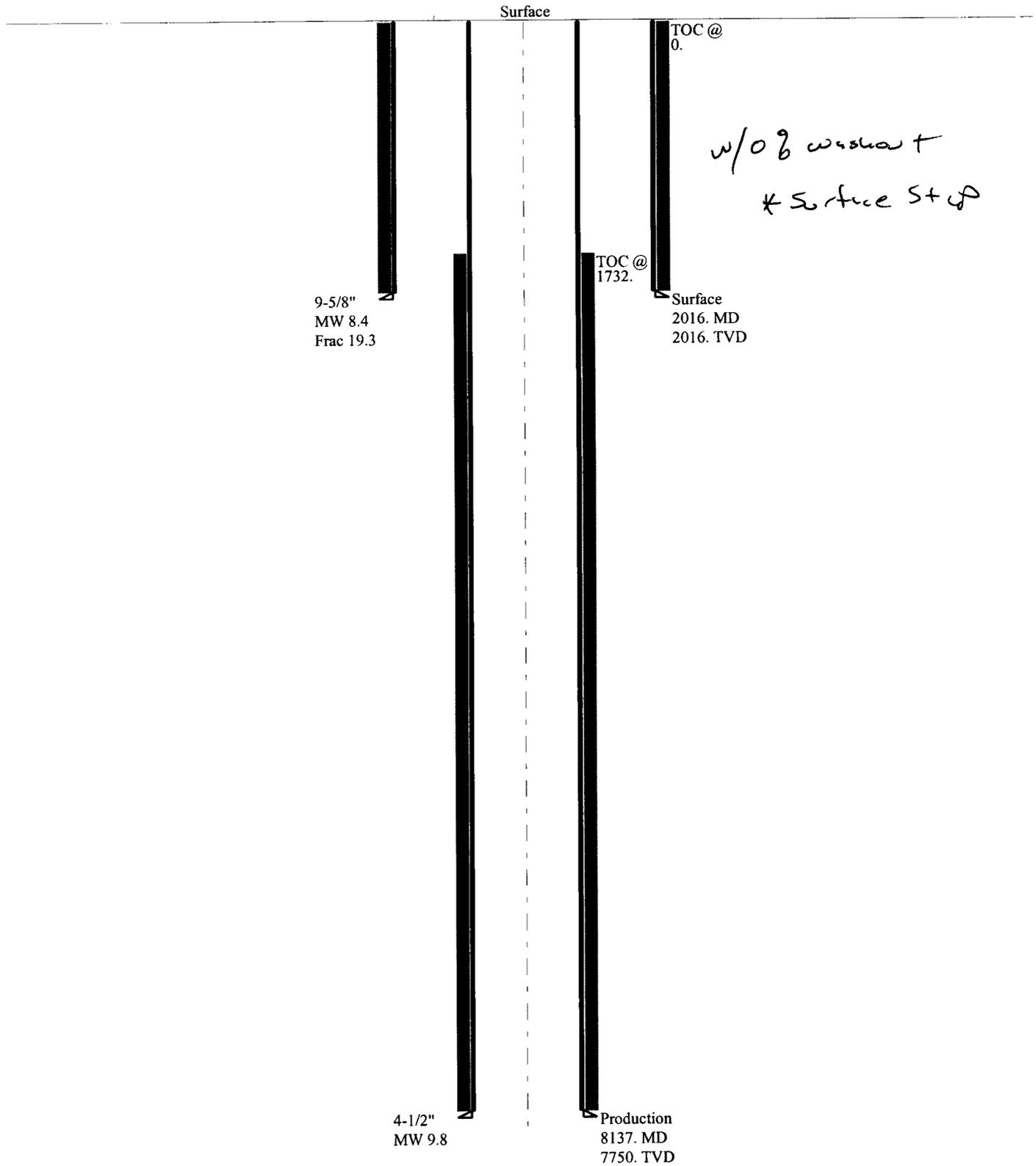
Collapse is based on a vertical depth of 2016 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

07-06 Enduring Rock House 10-23-11-32rev.

Casing Schematic



ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

CONFIDENTIAL

October 19, 2006

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

RE: **Well Logs**
Rock House 10-23-11-32
NENW of Sec 32-T10S-R23E (Surface)
NWNW of Sec 32-T10S-R23E (BHL)
Uintah County, Utah

43-047-38197

Ladies and Gentlemen:

Attached is one original copy of the logs run on the above-referenced well.

Please hold this information as "confidential" as long as allowed.

Should you have any questions concerning this matter, please do not hesitate to call 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/
Enclosures as stated:

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OCT 24 2006
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		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47063
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: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: n/a
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: Rock House 10-23-11-32
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304738197
4. LOCATION OF WELL FOOTAGES AT SURFACE: 482' FNL - 2,122' FWL NENW		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 10S 23E S		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/6/2006	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Conductor-Surface Pipe Report</u>

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

8-17-2006 MIRU Pete Martin Rathole Service and drill 40' of 20" hole. Run 40' of 14" conductor pipe. Cement w/ 3 yards of Ready mix. Bill Jrs drilled 400' of 12-1/4" pilot hole and released.

10-6-2006 MIRU Patterson-UTI Drilling and drill 12-1/4" hole from 400' to 2,032'. MIRU Frank's Casing Crew. Run 46 joints, 9-5/8', LT&C, 36#, M80, surface casing to 2,025' KB-RT. RU Halliburton, pressure test lines. Cement w/ 525 sx Type III Lead Cement, + 0.2% Versaset, + .25 #/sx Flocele, + 0.2% CaCl2. Yield: 1.45 cu ft/sx, weight 14.5 #/gal, Tail in w/ 280 sx Type V Cement, + 2% CaCl2, + 0.25% #/sx Flocele. Yield: 1.20 cu ft/sx, weight 15.8 #/gal. Good circulation throughout, had 48 bbl cement returns to surface. Bump Plug @ 1640 psi, check floats - OK. Release Halliburton.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>10/10/2006</u>

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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		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47063
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: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: n/a
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: Rock House 10-23-11-32
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304738197
4. LOCATION OF WELL FOOTAGES AT SURFACE: 482' FNL - 2,122' FWL NENW		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 10S 23E S		COUNTY: Uintah
		STATE: UTAH

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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/28/2006	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<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 checked="" type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: First Gas Sales

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

11-28-2006, First Gas Sales.

11-29-2006, Well sold 377 mcfgd over night.

11-29-2006, Shut-in well for pipeline repair. Should be back on line in a couple days.

Completion Report to Follow.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>12/1/2006</u>

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

AMENDED REPORT
(highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [] GAS WELL [x] DRY [] OTHER []
b. TYPE OF WORK: NEW WELL [x] HORIZ. LATS. [] DEEP-EN [] RE-ENTRY [] DIFF. RESVR. [] OTHER []

2. NAME OF OPERATOR: Enduring Resources, LLC

3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 573-1222

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 482' FNL - 2122' FWL NENW
AT TOP PRODUCING INTERVAL REPORTED BELOW: 660' FNL - 660'FWL, NWNW, Sec 32, 10S, 23E
1289 FNL 668 FNL
AT TOTAL DEPTH: 660' FNL - 660'FWL, NWNW, Sec 32, 10S, 23E

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: Rock House 10-23-11-32

9. API NUMBER: 4304738197

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 10S 23E S

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUNDED: 10/3/2006 15. DATE T.D. REACHED: 10/16/2006 16. DATE COMPLETED: 11/28/2006 ABANDONED [] READY TO PRODUCE [x]

17. ELEVATIONS (DF, RKB, RT, GL): 5202 RKB

18. TOTAL DEPTH: MD 7,640 TVD 7,369

19. PLUG BACK T.D.: MD 7,587 TVD 7,316

20. IF MULTIPLE COMPLETIONS, HOW MANY? 5

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously submitted.
COMP/NEUT/LOG/AL TOOL

23. WAS WELL CORED? NO [x] YES [] (Submit analysis)
WAS DST RUN? NO [x] YES [] (Submit report)
DIRECTIONAL SURVEY? NO [] YES [x] (Submit copy)

Table with 10 columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED. Rows include 20", 12-1/4", and 7-7/8" hole sizes.

Table with 9 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row includes 2 3/8" size.

Table with 10 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Rows include Mesaverde and Wasatch formations.

Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Rows include 5,990 - 7,390 (MD) and 4,822 - 4,827 (MD) intervals.

29. ENCLOSED ATTACHMENTS: [] ELECTRICAL/MECHANICAL LOGS [] GEOLOGIC REPORT [] DST REPORT [x] DIRECTIONAL SURVEY [] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [] OTHER:

30. WELL STATUS: Producing

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/28/2006		TEST DATE: 12/27/2006		HOURS TESTED: 576		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 150	WATER - BBL: 0	PROD. METHOD: 24 day avg
CHOKE SIZE: 64/64	TBG. PRESS. 1,400	CSG. PRESS. 1,400	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 239	WATER - BBL: 0	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

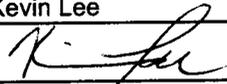
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	544				
Wasatch	3,294				
Mesaverde	5,123				

34. FORMATION (Log) MARKERS:

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kevin Lee TITLE Engineering Tech
 SIGNATURE  DATE 1/2/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Rock House 10-23-11-32	Weatherford	Pt#	MD_ft	Incl_deg	Azim_deg	TVD_ft	N-S_ft	E-W_ft	VS_ft
			1	100	0	0	100	0	0
			2	435	0.5	105.48	434.99	-0.51	1.83
			3	527	0.31	76.6	526.99	-0.56	2.46
			4	619	0.94	281.48	618.99	-0.35	1.96
			5	712	3.69	255.6	711.91	-0.94	-1.69
			6	804	4.5	251.1	803.67	-2.85	-7.97
			7	896	5.19	254.98	895.34	-5.09	-15.4
			8	988	5.63	257.1	986.93	-7.18	-23.82
			9	1081	6	262.1	1079.45	-8.87	-33.08
			10	1173	7	261.98	1170.86	-10.31	-43.4
			11	1265	7.94	258.1	1262.08	-12.4	-55.16
			12	1357	8.5	257.98	1353.13	-15.13	-68.03
			13	1453	9.19	260.98	1447.99	-17.81	-82.54
			14	1548	10.13	261.85	1541.64	-20.18	-98.31
			15	1644	10.44	260.23	1636.1	-22.85	-115.23
			16	1739	11.13	261.6	1729.42	-25.65	-132.79
			17	1836	11.5	258.73	1824.54	-28.91	-151.53
			18	1964	12.44	257.98	1949.75	-34.28	-177.53
			19	2042	12.5	257.98	2025.91	-37.78	-194
			20	2106	14.06	261.6	2088.2	-40.36	-208.47
			21	2170	14.75	261.23	2150.19	-42.74	-224.21
			22	2234	16.13	261.98	2211.88	-45.22	-241.07
			23	2298	17.94	265.85	2273.07	-47.18	-259.71
			24	2394	21.06	269.1	2363.55	-48.52	-291.71
			25	2490	22.19	267.98	2452.8	-49.43	-327.07
			26	2586	24.81	265.85	2540.83	-51.52	-365.29
			27	2682	24.44	263.73	2628.1	-55.15	-405.12
			28	2779	25.25	265.23	2716.12	-59.06	-445.68
			29	2875	24.25	263.6	2803.3	-62.96	-485.68
			30	2971	23.56	263.85	2891.07	-67.22	-524.35
			31	3067	24.69	265.98	2978.68	-70.68	-563.42
			32	3163	26.19	266.35	3065.37	-73.43	-604.57
			33	3259	25.63	265.73	3151.72	-76.33	-646.42
			34	3355	25.69	264.73	3238.26	-79.78	-687.84
			35	3452	26.56	263.1	3325.35	-84.32	-730.31
			36	3548	27.19	261.98	3410.98	-89.96	-773.33
			37	3644	26.88	262.23	3496.49	-95.95	-816.56
			38	3741	25.13	261.48	3583.66	-101.97	-858.66
			39	3837	25.13	261.1	3670.58	-108.14	-898.95
			40	3933	25.63	259.35	3757.31	-115.13	-939.5
			41	4029	24.81	259.23	3844.16	-122.74	-979.69
			42	4094	24.94	259.98	3903.13	-127.67	-1006.58
			43	4190	23.75	261.35	3990.59	-134.1	-1045.63
			44	4286	23	260.85	4078.71	-139.99	-1083.26
			45	4382	22.25	262.48	4167.33	-145.35	-1119.79
			46	4478	22.06	261.85	4256.24	-150.28	-1155.66
			47	4574	21.88	261.35	4345.27	-155.53	-1191.19
			48	4670	22.81	262.1	4434.06	-160.78	-1227.31
			49	4767	22.94	260.6	4523.43	-166.45	-1264.58
			50	4863	21.06	257.1	4612.44	-173.36	-1299.85
			51	4957	19.25	256.48	4700.68	-180.75	-1331.39
			52	5053	15.5	255.48	4792.28	-187.67	-1359.2
			53	5149	12.5	258.85	4885.42	-192.89	-1381.82
			54	5246	11.25	259.85	4980.34	-196.59	-1401.43
			55	5342	9.94	263.1	5074.71	-199.24	-1418.88
			56	5438	8.5	262.48	5169.46	-201.16	-1434.14
			57	5533	6.69	257.1	5263.63	-203.32	-1446.49
			58	5629	3.89	258.73	5359.21	-205.2	-1455.14
			59	5726	3.94	271.23	5455.98	-205.77	-1461.7
			60	5806	2.75	268.35	5535.85	-205.77	-1466.36
			61	5902	1.56	257.6	5631.78	-206.12	-1469.94
			62	5998	0.94	217.73	5727.76	-207.02	-1471.7
			63	6094	1.06	172.98	5823.74	-208.52	-1472.07
			64	6190	1.56	159.48	5919.72	-210.63	-1471.51
			65	6286	1.88	154.48	6015.67	-213.27	-1470.37
			66	6383	1.88	153.6	6112.62	-216.14	-1468.98
			67	6479	1.18	153.85	6208.59	-218.43	-1467.84

43047381970000	68	6575	1.88	148.6	6304.55	-220.66	-1466.58	1482.66
43047381970000	69	6671	2.13	145.23	6400.49	-223.47	-1464.75	1481.19
43047381970000	70	6768	1.88	148.1	6497.43	-226.31	-1462.88	1479.69
43047381970000	71	6832	2.06	147.1	6561.4	-228.16	-1461.7	1478.75
43047381970000	72	6928	1.88	148.85	6657.34	-230.96	-1459.95	1477.36
43047381970000	73	7024	1.56	161.72	6753.3	-233.55	-1458.72	1476.47
43047381970000	74	7120	1.31	165.23	6849.27	-235.85	-1458.03	1476.08
43047381970000	75	7216	1.25	171.1	6945.24	-237.94	-1457.59	1475.9
43047381970000	76	7313	1.31	160.6	7042.22	-240.04	-1457.06	1475.63
43047381970000	77	7409	1.38	160.6	7138.19	-242.16	-1456.31	1475.16
43047381970000	78	7505	1.25	162.85	7234.17	-244.25	-1455.62	1474.73
43047381970000	79	7586	1.44	155.98	7315.14	-246.03	-1454.94	1474.28
43047381970000	80	7640	1.44	155.98	7369.13	-247.27	-1454.39	1473.89

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

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-47063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

n/a

7. UNIT or CA AGREEMENT NAME:

n/a

8. WELL NAME and NUMBER:

Rock House 10-23-11-32

9. API NUMBER:

4304738197

10. FIELD AND POOL, OR WILDCAT:

Natural Buttes

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: 482' FNL - 2,122' FWL NENW

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 10S 23E S

STATE:

UTAH

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

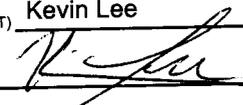
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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>Daily Drilling Reports</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.

Completion Report for this well sent in previously. Attached to this sundry are daily drilling reports for this well.

NAME (PLEASE PRINT) Kevin Lee

TITLE Engineering Tech

SIGNATURE 

DATE 1/11/2007

(This space for State use only)

RECEIVED
JAN 16 2007



Drilling Activity

Well Name : ROCK HOUSE 10-23-11-32									
Well User ID : UT0298.01			API Code: 430473819700			AFE # : DV00346			
Operator : Enduring Resources, LLC					Operated : Yes				
S/T/R : 32/10S/23E		WI : 0.5		NRI : 0.4					
County, St. : UINTAH, UT			Field : Natural Buttes			AFE DHC : \$729,000			
Acres : 0		Drg Rig Rel Date: 10/19/2006		AFE Total: \$1,514,466					
Spud Date : 10/3/2006			AFE Type : Development Drg/Comp		AFE Develop To: 7520				
482	ft. from	N	line and	2122	ft. from	W	line	Proposed Depth : 0	

Activity Date :	10/6/2006	Days Since Spud :	4	24 Hr. Footage Made :	470	Current Depth :	2032	
Rig Company :				Rig Name :				
Activity :	12 - Run Casing & Cement			Weather :				
Remarks:	<p>HAD GAS SHOW OF 3900 UNITS @ A DEPTH OF 1620' W/ 4/5 FT FLARE MW = 9.0 IN & 8.5 OUT</p> <p>STARTED RAISING MW TO 9.3 IN - HAVE 8.9 OUT - NO FLARE - BGG = 1400+/- CONN = 3200 UNITS</p> <p>CONTINUED RAISING MW T/ 9.5 TO 9.6 #</p> <p>TD'd SURFACE 12 1/4" SURFACE HOLE 2032 FT @ 20:15 PM 10/5/2006</p> <p>RAN 46 JTS OF 9 5/8" 36# M80 ST&C TO 2025.69' (KB) - 2011' (GL) - RAN CEMENT BASKETS @ 175' & 480'</p> <p>WILL BE CEMENTING WITH :</p> <p>LEAD 660sx (163.3bbbls) OF LEAD @ 14.5ppg , 1.39yld, 6.81gal/sk + TAIL 280sx (59.8 bbbls) OF TAIL @ 15.0ppg , 1.20yld, 5.2 gal/sk - DISPLACE W/ 153bbbls FRESH WATER</p>							

Operations									
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run			
6:00	1.00	02	DRLG F/ 1562' T/ 1615' - 53' @ 53 FT/HR - WOB = 35K - RPM = 35t + 79m = 114 - SPM = 166 - GPM = 491 - PP = 1350psi	1562	1615	1			
7:00	0.25	10	SURVEY @ 1548' = 10.13 DEG INCL - AZIM = 261.85 DEG TRUE NORTH	1615	1615	1			
7:15	3.25	02	DRLG F/ 1615' T/ 1712' - 97' @ 29.8 FT/HR - WOB = 35K - RPM = 53t + 79m = 132 - SPM = 166 - GPM = 491 - PP = 1375psi	1615	1712	1			
10:30	0.25	10	SURVEY @ 1644' = 10.44 DEG INCL - AZIM = 260.23 DEG TRUE NORTH	1712	1712	1			
10:45	3.00	02	DRLG F/ 1712' T/ 1808' - 96' @ 32 FT/HR - WOB = 35/40K - RPM = 35/50t + 79m = 114/129 - SPM = 166 - GPM = 491 - PP = 1440psi	1712	1808	1			
13:45	0.25	10	SURVEY @ 1739' = 11.13 DEG INCL - AZIM = 261.6 DEG TRUE NORTH	1808	1808	1			
14:00	1.50	02	DRLG F/ 1808' T/ 1872' -64' @ 42.6 FT/HR - WOB = 40K - RPM = 51t + 79m = 130 - SPM = 166 - GPM = 491 - PP = 1440psi	1808	1872	1			
15:30	0.50	07	SERVICE RIG	1872	1872	1			
16:00	0.50	02	DRLG F/ 1872' T/ 1904' - 32' @ 64 FT/HR - WOB = 40K - RPM = 50t + 83m = 133 - SPM = 176 - GPM = 520 - PP = 1475psi	1872	1904	1			
16:30	0.25	10	SURVEY @ 1836' = 11.5 DEG - AZIM = 258.73 DEG TRUE NORTH	1904	1904	1			
16:45	3.50	02	DRLG F/ 1904' T/ 2032' (TD) - 128' @ 36.5 FT/HR - WOB = 41K - RPM = 52t + 83m = 135 - SPM = 176 - GPM = 520 - PP = 1535psi	1904	2032	1			
20:15	2.50	05	CIRC & COND FOR SHORT TRIP	2032	2032	1			
22:45	2.75	06	TOOH - LAYDOWN 8" TOOLS	2032	2032	1			
1:30	4.50	12	MIRU FRANK'S CASING CREWS - RAN 46 JTS OF 9 5/8" 36# M80 ST&C TO 2025.69'	2032	2032	1			
Total:	24.00								

DC :	\$107,438	Cumm DHC :	\$342,933	Total Well Cost:	\$342,933
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Enduring Resources, LLC

475 17th St. - Suite 1500
 Denver, CO 80202
 (303) 573-1222

Daily Activity Report

Activity Date :	10/7/2006	Days Since Spud :	5	24 Hr. Footage Made :	0	Current Depth :	2032
Rig Company :				Rig Name:			
Activity :	06 - Trips			Weather:			
Remarks:	9 5/8" SURF CSG SET @ 2025.69' -						

TEXTBOOK CEMENT JOB - FULL RETURNS, CIRCULATED 113bbls CEMENT TO SURF. - VOLUME CALCULATED W/ 100% XS- FINAL CIRC PRESS= 650psi - PLUG DOWN W/ 1650psi - FLOAT HELD - PLUG DOWN @ 0924AM 10/6/2006

WILL WAIT ON CEMENT 6 HRS BEFORE WE START NIPPLE UP OPERATIONS (13:30PM)

NIPPLED UP & TESTED BOP's - KELLY, SURFACE LINES, VALVES, MANIFOLD & RAMS (BLIND / PIPE) TESTED TO 3000psi OK - ANNULAR PREVENTER (HYDRIL) & SURF CSG TESTED TO 1500psi - OK -- ZECO's SUPERCHOKE DID NOT TEST - WILL HAVE ZECO SERVICE REP OUT TO REPAIR / REPLACE SUPERCHOKE TODAY 10/7/06.

START IN HOLE W/ DIRECTIONAL TOOLS & BHA

STATE OF UTAH NOTIFIED RE: SPUDDING, RUNNING SURF CSG & TESTING - DID NOT TALK TO ANYONE BUT LEFT MESSAGE ON VOICE MAIL OF DAVID HACKFORD IN ROOSEVELT (435) - 722 - 7589

Operations							Start Depth	End Depth	Run
Start	Hrs	Code	Remarks						
6:00	1.25	12	FINISH RUNNING 9 5/8" SURFACE CSG TO 2025.69'				2032	2032	1
7:15	0.75	05	CIRC & COND FOR CEMENT				2032	2032	1
8:00	1.50	12	MIRU HALLIBURTON - HELD SAFETY MEETING - PUMPED 660sx (163.3bbls) TYPE III CEMENT + .2% VERSASET + 0.125#/sk POL-E-FLAKE + 280sx (59.8bbls) TYPE V CEMENT + 2% CaCl2 + 0.125#/sk POL-E-FLAKE - DISPLACED W/ 153bbls FRESH WATER - CEMENT TO SURFACE 40bbls INTO DISPLACEMENT - CIRCULATED 113bbls CEMENT TO SURFACE - FULL RETURNS THROUGH OUT OPS - FINAL CIRC PRESS = 1050psi - PLUG DOWN W/ 1650psi - FLOAT HELD				2032	2032	1
9:30	6.00	13	SIX HOURS WOC				2032	2032	1
15:30	6.50	14	RIG DOWN RISER - NIPPLE UP BOP'S				2032	2032	1
22:00	6.50	15	TEST BOP's, SURFACE LINES, MANIFOLD TO 3000psi - TEST CSG & HYDRIL TO 1500psi				2032	2032	1
4:30	1.50	06	TRIP IN HOLE W/ DIRECTIONAL TOOLS & DC'S - LAYED DOWN 6 DC's				2032	2032	NIH
Total:	24.00								

DC :	\$105,273	Cumm DHC :	\$448,206	Total Well Cost:	\$448,206
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Activity Date :	10/8/2006	Days Since Spud :	6	24 Hr. Footage Made :	448	Current Depth :	2480
Rig Company :	Patterson-UT1 Drilling			Rig Name:	Patt 51		
Activity :	02 - Drilling			Weather:			
Remarks:	TRIP IN HOLE TO TOP OF CEMENT @ 1950'						

RAN FORMATION INTEGRITY TEST TO 11.4ppg MUD WIEGHT EQUIVALENT AT 2030' - HAD 200psi ON MANIFOLD FOR 15 MIN - NO PRESSURE LOSS AFTER 15 MIN

ROTATING HEAD LOCKED UP - REMOVED DRIVE BUSHING FROM KELLY & CONTINUED DRILLING UNTILL NEW ROTATING HEAD ARRIVED ON LOCATION

MADE TRIP OUT - CHANGED OUT ROTATING HEAD - TRIPPED BACK IN - WASHED 40" TO BOTTOM NO FILL - RESUMED DRILLING OPERATIONS

(2) JOINTS OF 9 5/8" 36# M80 ST&C LEFT OVER FROM SURFACE CSG
 43.69' + 43.13' = 86.82' LEFT OVER

DUE TO RAIN FALL - WE HAVE LIMITED ACCESS FOR PERSONNEL & EQUIPMENT TO REACH RIG - EVACUATION CREEK IS IMPASSABLE - OTHER ROUTES ARE PASSABLE BUT THERE ARE SEVERAL LOW WATER CROSSING THAT ARE STILL RATHER DEEP WITH NUMEROUS WASHOUTS WHERE DRAINAGES CROSS THE ROAD.

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	06	TIH W/ DIRECTIONAL TOOLS & DC's - TAGGED CEMENT @ 1950'	2032	2032	2
10:00	1.50	21	DRLG CEMENT & FLOAT COLLAR & SHOE	2032	2032	2
11:30	0.25	05	CIRC BOTTOMS UP	2032	2032	2
11:45	0.25	22	RAN FORMATION INTEGRITY TEST TO 11.5ppg MW EQUIVALENT	2032	2032	2
12:00	1.75	02	DRLG F/ 2032' T/ 2093' - 61' @ 34.8 FT/HR - WOB = 14K - RPM = 35t + 42m = 77 - SPM = 121 - GPM = 348 - PP = 850psi	2032	2093	2
13:45	0.25	10	SURVEY @ 2041' = 12.50 DEG INCL - AZIM = 257.98 DEG TRUE NORTH	2093	2093	2
14:00	1.00	02	DRLG F/ 2093' T/ 2158' - 65' @ 65 FT/HR - WOB = 15K - RPM = 35t + 41m = 76 - SPM = 121 - GPM = 348 - PP = 850psi	2093	2158	2
15:00	0.25	10	SURVEY @ 2106' = 14.06 DEG INCL - AZIM = 261.60 DEG TRUE NORTH	2158	2158	2
15:15	0.75	02	DRLG F/ 2158' T/ 2222' - 64' @ 85 FT/HR - WOB = 15K - RPM = 47t + 41m = 88 - SPM = 121 - GPM = 348 - PP = 850psi	2158	2222	2
16:00	0.25	10	SURVEY @ 2170' = 14.75 DEG INCL - AZIM = 261.23 DEG TRUE NORTH	2222	2222	2
16:15	1.25	02	DRLG F/ 2222' T/ 2286' - 64' @ 51.2 FT/HR - WOB = 15K - RPM = 45 t + 41m = 86 - SPM = 121 - GPM = 348 - PP = 850psi	2222	2286	2
17:30	0.25	10	SURVEY @ 2234' = 16.13 DEG INCL - AZIM = 261.98 DEG TRUE NORTH	2286	2286	2
17:45	1.25	02	DRLG F/ 2286' T/ 2350' - 64' @ 51.2 FT/HR - WOB = 15K -RPM = 48t + 41m = 89 - SPM = 121 - GPM = 348 - PP = 860psi	2286	2350	2
19:00	0.25	10	SURVEY @ 2298' = 17.94 DEG INCL - AZIM = 265.85 DEG TRUE NORTH	2350	2350	2
19:15	1.50	02	DRLG F/ 2350' T/ 2445' - 95' @ 63.3 FT/HR - WOB =15K - RPM =40/48t + 41m = 81/89 - SPM = 121 - GPM = 348 - PP = 950psi	2350	2445	2
20:45	0.25	10	SURVEY @ 2394' = 21.06 DEG INCL - AZIM = 269.10 DEG TRUE NORTH	2445	2445	2
21:00	0.25	02	DRLG F/ 2445' T/ 2478' - 33' @ 132 FT/HR - WOB = 15K - RPM = 42t + 41m = 83 - SPM = 121 - GPM = 348 - PP = 953 psi	2445	2478	2
21:15	0.50	05	CIRC BOTTOMS UP & PUMP PILL FOR TRIP OUT OF HOLE TO CHANGE OUT ROTATING HEAD	2478	2478	2
21:45	1.25	06	TOOH TO CHANGE OUT ROTATING HEAD (LOCKED UP)	2478	2478	2
23:00	4.75	08	NIPPLE DOWN ROTATING HEAD - INSTALL NEW HEAD	2478	2478	2
3:45	1.75	06	TIH - RERAN BIT #2 - WASH 40" TO BOTTOM - NO FILL	2478	2478	2
5:30	0.50	02	DRLG F/ 2478' T/ 2480' (SLIDING) - 2' @4 FT/HR - WOB = 15K - RPM = 41m - SPM = 121 - GPM = 348 - PP = 815psi	2478	2480	2
Total:	24.00					

DC :	\$35,817	Cumm DHC :	\$484,023	Total Well Cost:	\$484,023
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Activity Date :	10/9/2006	Days Since Spud :	7	24 Hr. Footage Made :	1164	Current Depth :	3644
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	02 - Drilling			Weather:			
Remarks:	ONE FULL DAY OF DRLG - NO PROBLEMS - SLID 15 TO 20' AFTER EVERY SURVEY BACK GROUND GAS = 168 UNITS CONNECTION GAS = 490 UNITS REACHED 25 DEG INCL @ 2779' - HOLDING 25 DEG TO 4750' - THEN START DROP BACK TO ZERO BY 5750' +/-						

Operations							Start Depth	End Depth	Run
Start	Hrs	Code	Remarks						
6:00	1.25	02	DRLG F/ 2480' T/ 2542' - 62' @ 49.6 FT/HR - WOB = 12/15K - RPM = 45/52t + 41m = 86/93 - SPM = 121 - GPM = 348 - PP = 975psi				2480	2542	2
7:15	0.25	10	SURVEY @ 2490' = 22.19 DEG INCL - AZIM = 267.98 TRUE NORTH				2542	2542	2
7:30	1.50	02	DRLG F/ 2542' T/ 2638' - 96' @ 64 FT/HR - WOB = 15K - RPM = 50t + 41m = 91 - SPM = 121 - GPM = 348 - PP = 1000psi				2542	2638	2
9:00	0.25	10	SURVEY @ 2586' = 24.81 DEG INCL - AZIM = 265.85 DEG TRUE NORTH				2638	2638	2
9:15	1.25	02	DRLG F/ 2638' T/ 2734' - 96' @ 76.8 FT/HR - WOB = 15K - RPM = 50/58t + 41m = 91/99 - SPM = 121 - GPM = 348 - PP = 1000/1035psi				2638	2638	2
10:30	0.25	10	SURVEY @ 2682' = 24.44 DEG INCL - AZIM = 263.74 DEG TRUE NORTH				2638	2638	2
10:45	1.75	02	DRLG F/ 2734' T/ 2798' - 64' @ 36.5 FT/HR - WOB = 16K - RPM = 50/56t + 41m = 91/ 97 - SPM = 121 - GPM = 348 - PP = 1000psi				2638	2798	2
12:30	0.25	07	SERVICE RIG				2798	2798	2
12:45	0.50	02	DRLG F/ 2798' T/ 2831' - 33' @ 66 FT/HR - WOB = 16K - RPM = 50t + 41m = 91 - SPM = 121 - GPM = 348 - PP = 1050psi				2798	2831	2
13:15	0.25	10	SURVEY @ 2779' = 25.25 DEG INCL - AZIM = 265.23 DEG TRUE NORTH				2831	2831	2
13:30	1.00	02	DRLG F/ 2831' T/ 2927' - 96' @ 96 FT/HR - WOB = 16K - RPM = 49/53t + 41m = 90/94 - SPM = 121 - GPM = 348 - PP = 1025/1075psi				2831	2875	2
14:30	0.25	10	SURVEY @ 2875' = 24.23 DEG INCL - AZIM = 263.60 DEG TRUE NORTH				2875	2875	2
14:45	1.25	02	DRLG F/ 2927' T/ 3023' - 96' @ 76.8 FT/HR - WOB=16K - RPM = 52t + 41m = 93 - SPM = 121 - GPM = 348 - PP = 1075psi				2875	3023	2
16:00	0.25	10	SURVEY @ 2971' = 23.56 DEG INCL - AZIM = 263.85 DEG TRUE NORTH				3023	3023	2
16:15	1.75	02	DRLG F/ 3023' T/ 3119' - 96' @ 54.8 FT/HR - WOB = 16K - RPM = 52t + 41m = 193 - SPM = 121 - GPM = 348 - PP = 1050psi				3023	3119	2
18:00	0.25	10	SURVEY @ 3067' = 24.69 DEG INCL - AZIM = 265.98 DEG TRUE NORTH				3119	3119	2
18:15	1.75	02	DRLG F/ 3119' T/ 3215' - 96' @ 54.8 FT/HR - WOB = 16K - RPM = 40/45t + 41m = 81/86 - SPM = 121 - GPM = 348 - PP = 1075psi				3119	3215	2
20:00	0.25	10	SURVEY @ 3163' = 26.19 DEG INCL - AZIM = 266.35 DEG TRUE NORTH				3215	3215	2
20:15	1.00	02	DRLG F/ 3215' T/ 3311' - 96' @ 96 FT/HR - WOB = 16K - RPM = 50t + 41m = 91 - SPM = 121 - GPM = 348 - PP = 1100psi				3215	3311	2
21:15	0.25	10	SURVEY @ 3259' = 25.63 DEG INCL - AZIM = 265.73 DEG TRUE NORTH				3311	3311	2
21:30	2.75	02	DRLG F/ 3311' T/ 3407' - 96' @ 34.9 FT/HR - WOB = 15K - RPM = 35/55t + 41m = 76/96 - SPM = 121 - GPM = 348 - PP = 1050psi				3311	3407	2
0:15	0.25	10	SURVEY @ 3355' = 25.69 DEG INCL - AZIM = 264.73 DEG TRUE NORTH				3407	3407	2
0:30	2.25	02	DRLG F/ 3407' T/ 3504' - 97' @ 43.1 FT/HR - WOB = 12/16K - RPM = 40/50t + 41m = 81/91 - SPM = 121 - GPM = 348 - PP = 1150psi				3407	3504	2
2:45	0.25	10	SURVEY @ 3452' = 26.56 DEG INCL - AZIM = 263.10 DEG TRUE NORTH				3504	3504	2
3:00	1.50	02	DRLG F/ 3504' T/ 3600' - 96' @ 64 FT/HR - WOB = 16K - RPM = 33/50t + 41m = 74/91 - SPM = 121 - GPM = 348 - PP = 1050/1100psi				3504	3600	2
4:30	0.25	10	SURVEY @ 3548' = 27.19 DEG INCL - AZIM = 261.98 DEG TRUE NORTH				3600	3600	2
4:45	1.25	02	DRLG F/ 3600' T/ 3644' - 44' @ 35.2 FT/HR - WOB = 15K - RPM = 37/57t + 41m = 78/98 - SPM = 121 - GPM = 348 - PP = 1050/1100psi				3600	3644	2
Total:	24.00								

DC :	\$37,893	Cumm DHC :	\$521,916	Total Well Cost:	\$521,916
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Activity Date :	10/10/2006	Days Since Spud :	8	24 Hr. Footage Made :	726	Current Depth :	4370
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	02 - Drilling			Weather:			
Remarks:	TOP OF WASATCH @ 3400' +/- (TVD)						
	SLIDING THE FIRST 15 TO 20 FEET AFTER EVERY SURVEY						
	DRILLED 726' TOTAL FOOTAGE FOR LAST 24 HOURS						

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.25	02	DRLG F/ 3644' T/ 3696' - 23.1 FT/HR - WOB = 15K - RPM = 30/55t + 41m = 71/96 - SPM = 121 - GPM = 348 - PP = 1250psi	3644	3696	2
8:15	0.25	10	SURVEY @ 3644' = 26.88 DEG INCL - AZIM = 262.23 DEG TRUE NORTH	3696	3696	2
8:30	3.25	02	DRLG F/ 3696' T/ 3793' - 97' @ 29.8 FT/HR - WOB = 15K - RPM = 25/45t + 41m = 66/86 - SPM = 121 - GPM = 348 - PP = 1225psi	3696	3793	2
11:45	0.25	10	SURVEY @ 3741' = 25.13 DEG INCL - AZIM = 261.48 DEG TRUE NORTH	3793	3793	2
12:00	2.25	02	DRLG F/ 3793' T/ 3889' - 96' @ 42.6 FT/HR - WOB = 15K - RPM = 30/45t + 41m = 71/86 - SPM = 121 - GPM = 348 - PP = 1150/1200psi	3793	3889	2
14:15	0.25	10	SURVEY @ 3837' = 25.13 DEG INCL - AZIM = 261.10 DEG TRUE NORTH	3889	3889	2
14:30	3.50	02	DRLG F/ 3889' T/ 3985' = 96' @ 27.4 FT/HR - WOB = 15K - RPM = 40/50t + 41m = 81/91 - SPM = 121 - GPM = 348 - PP = 1150psi	3889	3985	2
18:00	0.25	10	SURVEY @ 3933' = 25.63 DEG - AZIM = 259.35 DEG TRUE NORTH	3985	3985	2
18:15	2.00	02	DRLG F/ 3985' T/ 4081' - 96' @ 48 FT/HR - WOB 14/29K - RPM = 49/53t + 41m = 90/94 - SPM = 121 - GPM = 348 - PP = 1200psi	3985	4081	2
20:15	0.25	10	SURVEY @ 4029' = 24.81 DEG INCL - AZIM = 259.23 DEG TRUE NORTH	4081	4081	2
20:30	3.00	02	DRLG F/ 4081' T/ 4146' = 65' @ 21.6 FT/HR - WOB = 15/18K - RPM = 35t + 41m = 76 - SPM = 121 - GPM = 348 - PP = 1250psi	4081	4146	2
23:30	0.25	10	SURVEY @ 4094' = 2400094 DEG INCL - AZIM = 259.98	4146	4146	2
23:45	3.25	02	DRLG F/ 4146' T/ 4242' - 96' @ 29.5 FT/HR - WOB = 16/21K - RPM = 33/41t + 41m = 74/82 - SPM = 121 - GPM = 348 - PP = 1255psi	4146	4242	2
3:00	0.25	10	SURVEY @ 4190' = 23.75 DEG INCL - AZIM = 261.35 DEG TRUE NORTH	4242	4242	2
3:15	2.75	02	DRLG F/ 4242' T/ 4370' - 128' @ 46.5 FT/HR - WOB = 18K - RPM = 36/43t + 41m = 77/84 - SPM = 121 - GPM = 348 - PP = 1273psi	4242	4370	2
Total:	24.00					

DC :	\$40,315	Cumm DHC :	\$562,231	Total Well Cost:	\$562,231
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Activity Date :	10/11/2006	Days Since Spud :	9	24 Hr. Footage Made :	639	Current Depth :	5009
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	02 - Drilling			Weather:			
Remarks:	DRILLING AHEAD - SLIDING 15-20 FT AFTER EVERY SURVEY UNTILL 4370' - WE WERE AHEAD OF CURVE SO WE STARTED OUR DROP AHEAD OF SCHEDULE -- HOLE RESISTED DROPPING EVEN WHEN SETTING TOOL FACE TO DROP ANGLE . MADE ONE LONG SLIDE FROM 4819 TO 4915' - SLID 64' OUT OF 96' - GENERATED ALMOST 2DEG DROP (1.88 DEG) = 2.39 DEG /100' DLS CURRENTLY DRLG AHEAD @ 5009' - REASON FOR STARTING DROP A LITTLE EARLY WAS TO MINIMIZE DRAG AS MUCH AS POSSIBLE. SINCE WE WERE AHEAD OF CURVE WE COULD KEEP DLS TO A MINIMUM DURING DROP INTERVAL.						

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	02	DRLG F/ 4370' T/ 4434' - 64' @ 32 FT/HR - WOB = 16K - RPM = 35/50t + 41m = 76/91 - SPM = 121 - GPM = 348 - PP = 1175psi	4370	4434	2
8:00	0.25	10	SURVEY @ 4382' = 22.25 DEG INCL - AZIM = 262.48 DEG TRUE NORTH	4434	4434	2
8:15	1.75	02	DRLG F// 4434' T/ 4530' - 96' @ 54.8 FT/HR - WOB = 16K - RPM = 30/40t + 41m = 71/81 - SPM = 121 - GPM = 348 - PP = 1225psi	4434	4530	2
10:00	0.25	10	SURVEY @ 4478' = 22.06 DEG INCL - AZIM = 261.85 DEG TRUE NORTH	4530	4530	2
10:15	2.25	02	DRLG F/ 4530' T/ 4626' - 96' @42.66 FT/HR - WOB =15k - RPM = 35/40 T + 41M = 76/81 - SPM = 121 - GPM = 348 - PP = 1250psi	4530	4626	2
12:30	0.25	10	SURVEY @ 4574' = 21.88 DEG INCL - AZIM = 261.35 DEG TRUE NORTH	4626	4626	2
12:45	0.25	07	SERVICE RIG	4626	4626	2
13:00	4.00	02	DRLG F/ 4626' T/ 4722' = 96' @ 22.5 FT/HR - WOB = 17/23K - RPM = 23/33t + 41m = 64/74 - SPM = 121 - GPM = 348 - PP = 1225psi	4626	4722	2
17:00	0.25	10	SURVEY @ 4670' = 22.81 DEG INCL - AZIM = 262.10 DEG TRUE NORTH	4722	4722	2
17:15	4.50	02	DRLG F/ 4722' T/ 4819' - 97' @ 21.5 FT/HR - WOB = 14/23 - RPM = 33/43t + 41m = 74/84 - SPM = 121 - GPM = 348 - PP = 1275psi	4722	4819	2
21:45	0.25	10	SURVEY @ 4767' = 22.94 DEG INCL - AZIM = 260.60 DEG TRUE NORTH	4819	4819	2
22:00	5.75	02	DRLG F/ 4819' T/ 4915 (SLID 64' - ROT 32') - 96' @ 16.6 FT/HR - WOB = 14/30K - RPM = 43t + 41m = 84 - SPM = 121 - GPM = 348 - PP = 1120/1260psi	4819	4915	2
3:45	0.25	10	SURVEY @ 4863' = 21.06 DEG INCL - AZIM = 257.10 DEG TRUE NORTH	4915	4915	2
4:00	2.00	02	DRLG F/ 4915' T/ 5009' - 94' @ 47 FT/HR - WOB = 15/28K - RPM = 30/40t + 41m = 71/81 - SPM = 121 - GPM = 348 - PP = 1300psi	4915	5009	2
Total:	24.00					

DC :	\$40,983	Cumm DHC :	\$603,214	Total Well Cost:	\$603,214
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Activity Date :	10/12/2006	Days Since Spud :	10	24 Hr. Footage Made :	461	Current Depth :	5470
Rig Company :	Patterson-UTI Drilling			Rig Name :	Patt 51		
Activity :	02 - Drilling			Weather :			
Remarks :							

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.25	10	SURVEY @ 4957' = 19.25 DEG INCL - AZIM = 256.48 DEG TRUE NORTH	5009	5009	2
6:15	5.50	02	DRLG F/ 5009' T/ 5105' - 148' @ 26.9 FT/HR - WOB = 17/31K - RPM = 32t + 41m = 73 - SPM = 121 - GPM = 348 - PP = 1225psi	5009	5105	2
11:45	0.25	10	SURVEY @ 5053' = 15.50 DEG INCL - AZIM = 255.48 DEG TRUE NORTH	5105	5105	2
12:00	1.00	02	DRLG F/ 5105' T/ 5169' - 64' @ 64 FT/HR - WOB = 16K - RPM = 35t + 41 M = 76 - SPM = 121 - GPM = 348 - PP = 1225 psi	5105	5169	2
13:00	0.50	07	SERV RIG	5169	5169	2
13:30	2.50	02	DRLG F/ 5169' T/ 5201' - 32' @ 12.8 FT/HR - WOB = 16/23K - RPM = 35t + 41M = 76 - SPM = 121 - GPM = 348 - PP = 1250psi	5169	5201	2
16:00	0.25	10	SURVEY @ 5149' = 12.50 DEG INCL - AZIM = 258.85 DEG TRUE NORTH	5201	5201	2
16:15	3.50	02	DRLG F/ 5201' T/ 5298' - 97' @ 27.7 FT/HR - WOB = 16/23K - RPM = 24/36t + 41m = 65/77 - SPM = 121 - GPM = 348 - PP = 1275psi	5201	5298	2
19:45	0.25	10	SURVEY @ 5246' = 11.25 DEG INCL - AZIM = 259.85 DEG TRUE NORTH	5298	5298	2
20:00	6.00	02	DRLG F/ 5298' T/ 5394' - 96' @ 16 FT/HR (SLIDING 21 FT OF EVERY CONNECTION) - WOB = 23K - RPM = 41M - SPM = 121 - GPM = 348 - PP = 1150psi	5298	5394	2
2:00	0.25	10	SURVEY @ 5342' = 9.94 DEG INCL - AZIM = 263.10 DEG TRUE NORTH	5394	5394	2
2:15	3.75	02	DRLG F/ 5394' T/ 5470' - 76' @ 20.6 FT/HR - (SLIDING 21 FT OF EVERY CONNECTION) - WOB = 16/23K - RPM = 0/35t + 41m = 41/ 76 - SPM = 121 - GPM = 348 - PP = 1150/ 1275 psi	5394	5470	2

Total:	24.00	DC :	\$54,821	Cumm DHC :	\$658,035	Total Well Cost:	\$658,035
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Activity Date :	10/13/2006	Days Since Spud :	11	24 Hr. Footage Made :	357	Current Depth :	5827
Rig Company :	Patterson-UTI Drilling			Rig Name :	Patt 51		
Activity :	05 - Condition Mud & Circulate			Weather :			
Remarks :	START PREP FOR TRIP AT 05:30 DUE TO INABILITY TO EFFECTIVELY CONTROL DIRECTION OR DROP IN INCLINATION FROM BIT - ALSO STARTED SEEING PRESSURE SPIKES ON PUMP PRESSURE						

TOTAL FOOTAGE ON BIT = 3795' IN 117.75 ROTATING HOURS - AVERAGED ONLY 32.2 FT/HR

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.25	02	DRLG F/ 5470' - T/ 5490' - 20' 2 16 ft/hr - WOB = 37K - RPM = 41m - SPM = 121 - GPM = 348 - PP = 1275psi	5470	5490	2
7:15	0.25	10	SURVEY @ 5438' = 8.5 DEG INCL - AZIM = 262.48 DEG TRUE NORTH	5490	5490	2
7:30	6.50	02	DRLG F/ 5490' T/ 5585' - 95' @ 14.6 FT/HR - WOB = 16/34K - RPM = 0/35t + 41 m - SPM = 121 - GPM = 348 - PP = 1200/ 1350psi	5490	5585	2
14:00	0.25	10	SURVEY @ 5533' = 6.69 DEG INCL - AZIM = 257.10 DEG TRUE NORTH	5585	5585	2
14:15	3.25	02	DRLG F/ 5585' T/ 5649' - 104' @ 32 ft/hr - WOB = 17/35K - RPM = 0/35t + 41m = 41 /76 - SPM = 121 - GPM = 348 - PP = 1175/1425psi	5585	5649	2
17:30	0.50	08	REPAIR RIG - REPLACE FAN BELTS ON FLOOR MOTORS	5649	5649	2
18:00	1.50	02	DRLG F/ 5649' T/ 5681' - 32' @ 21.3 FT/HR - WOB = 18/33K - RPM = 0/35t + 41m = 41/76 - SPM = 121 - GPM = 348 - PP = 1350/1425psi	5649	5681	2
19:30	0.25	10	SURVEY @ 5629' = 3.89 DEG INCL - AZIM = 271.23 DEG TRUE NORTH	5681	5681	2
19:45	4.25	02	DRLG F/ 5681' T/ 5777' - 96' @ 22.5 FT/HR - WOB = 16/33K - RPM = 0/35t + 41m = 41/76 - SPM = 121 - GPM = 348 - PP = 1225/1425psi	5681	5777	2
0:00	0.25	10	SURVEY @ 5726' = 3.94 DEG INCL - AZIM = 271.23 DEG TRUE NORTH	5777	5777	2
0:15	5.25	02	DRLG F/ 5777' T/ 5827' - 50' @ 9.5 FT/HR - WOB = 15/41K - RPM - 0/35t + 41m = 41/76 - SPM = 121 - GPM = 348 - PP = 1325/1490psi	5777	5827	2
5:30	0.50	05	PUMP SWEEP - PREPARE FOR TOOH TO CHANGE OUT BHA & BIT	5827	5827	2

Total:	24.00	DC :	\$46,735	Cumm DHC :	\$704,770	Total Well Cost:	\$704,770
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Activity Date :	10/14/2006	Days Since Spud :	12	24 Hr. Footage Made :	321	Current Depth :	6148
Rig Company :	Patterson-UTI Drilling			Rig Name :	Patt 51		
Activity :	10 - Deviation Survey			Weather :			
Remarks :	ON TOO HAD TIGHT HOLE FROM 2567' TO 2502' - STRING WIEGHT = 80,000 lb- OVERPULL = 127,000 / 142,000 (47/62K OVER STRG WT) - DOG LEG SEVERITY THROUGH THIS INTERVAL WENT FROM .08 DEG DLS TO 3.44 DEG DLS TO .11 DEG DLS						

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	05	CIRC & COND FOR BIT/ MOTOR TRIP	5827	5827	2	
7:00	3.00	06	TOOH TO CHANGE OUT BIT/MOTOR/BHA	5827	5827	2	
10:00	2.00	21	LAY DOWN 6 - DC'S - CHANGE OUT MUD MOTOR & BIT	5827	5827	3	
12:00	0.50	20	ORIENTATE DIRECTIONAL TOOLS	5827	5827	3	
12:30	3.50	06	TIH WITH NEW BHA, MOTOR & BIT	5827	5827	3	
16:00	0.50	23	WASHED 42' TO BOTTOM - HAD 20' OF FILL	5827	5827	3	
16:30	3.75	02	DRLG F/ 5827' T/ 5860' - 33' @ 8.8 FT/HR (SLIDING) - WOB= 25/31K - RPM = 0t + 41m = 41 - SPM = 121 - GPM = 348 - PP = 1100psi	5827	5860	3	
20:15	0.25	10	SURVEY @ 5806' = 2.75 DEG INCL - AZIM = 268.35 DEG TRUE NORTH	5860	5860	3	
20:30	2.25	02	DRLG F/ 5860' T/ 5956' - 96' @ 42.6 FT/HR - WOB = 17K - RPM = 30/37t + 41m = 71/78 - SPM = 121 - GPM = 348 - PP = 1275 psi	5860	5956	3	
22:45	0.25	10	SURVEY @ 5902' = 1.56 DEG INCL - AZIM = 257.60 DEG TRUE NORTH	5956	5956	3	
23:00	4.25	02	DRLG F/ 5956' T/ 6052' - 96' @ 22.5 FT/HR - WOB = 19/30K - RPM = 0/40t + 41m = 41/82 - SPM = 121 - GPM = 348 - PP = 1150/1375psi	5956	6052	3	
3:15	0.25	10	SURVEY @ 5998' = .94 DEG INCL - AZIM = 217.73 DEG TRUE NORTH	6052	6052	3	
3:30	2.25	02	DRLG F/ 6052' T/ 6148' = 96' @ 42.6 FT/HR - WOB = 16/20K - RPM = 35/41t + 41 m = 76/82 - SPM = 121 - GPM = 348 - PP = 1277psi	6052	6148	3	
5:45	0.25	10	SURVEY @ 6094' = 1.06 DEG INCL - AZIM = 172.98 DEG TRUE NORTH	6148	6148	3	
Total:	24.00						
				DC :	\$50,411	Cumm DHC :	\$755,181
				Total Well Cost:		\$755,181	

Activity Date :	10/15/2006	Days Since Spud :	13	24 Hr. Footage Made :	642	Current Depth :	6790
Rig Company :	Patterson-UTI Drilling			Rig Name :	Patt 51		
Activity :	02 - Drilling			Weather :			
Remarks :	DRLG AHEAD - MINIMAL SLIDES TO MAINTAIN BOTTOM HOLE WITHIN PROPOSED TARGET - TREND SO FAR IS TO TRY TO DRIFT SLIGHTLY TO THE SOUTHEAST - AT PRESENT INCLINATION WE SHOULD NOT HAVE ANY PROBLEEN STAYING WELL WITHIN PROJECTED TARGET LIMITS.						

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.50	02	DRLG F/ 6148' T/ 6244' - 96' @ 38.4 FT/HR - WOB = 17/20K - RPM = 30/41t + 41 m = 71/82 - SPM = 121 - GPM = 348 - PP = 1275/1375 psi	6148	6244	3	
8:30	0.25	10	SURVEY @ 6192' = 1.56 DEG INCL - AZIM = 159.48 DEG TRUE NORTH	6244	6244	3	
8:45	5.00	02	DRLG F/ 6244' T/ 6341' - 97' @ 19.4 FT/HR - WOB = 16/19K - RPM = 25/35t + 41m = 66/76 - SPM = 121 - GPM = 348 - PP = 1200/1375psi	6244	6341	3	
13:45	0.25	10	SURVEY @ 6286' = 1.88 DEG INCL - AZIM = 154.48 DEG TRUE NORTH	6341	6341	3	
14:00	4.25	02	DRLG F/ 6341' T/ 6437' - 96' @ 22.5 FT/HR - WOB = 18/20K - RPM = 25/35t + 41m = 66/76 - SPM = 121 - GPM = 348 - PP = 1325/1375psi	6341	6437	3	
18:15	0.25	10	SURVEY @ 6383' = 1.88 DEG INCL - AZIM = 153.60 DEG TRUE NORTH	6437	6437	3	
18:30	2.00	02	DRLG F/ 6437' T/ 6533' - 96' @ 48 FT/HR -WOB = 19/21K - RPM= 25/35t + 41m = 66/76 - SPM = 121 - GPM = 348 - PP = 1375psi	6437	6533	3	
20:30	0.25	10	SURVEY @ 6497' = 1.18 DEG INCL - AZIM = 153.85 DEG TRUE NORTH	6533	6533	3	
20:45	4.25	02	DRLG F/ 6533' T/ 6726' - 193' @ 45.4 FT/HR - WOB = 29/31K - RPM = 25/35t + 41m = 66/76 - SPM = 121 - GPM = 348 - PP = 1375/1450psi	6533	6726	3	
1:00	0.25	10	SURVEY @ 6671' = 2.13 DEG INCL - AZIM = 145.23 DEG TRUE NORTH	6726	6726	3	
1:15	4.75	02	DRLG F/ 6726' T/ 6790' - 64' @ 13.7 FT/HR - WOB = 16/23K - RPM = 0/ 35t + 41m = 41/76 - SPM = 121 - GPM = 348 - PP = 1275/1375psi	6726	6790	3	
Total:	24.00						
				DC :	\$34,368	Cumm DHC :	\$789,549
				Total Well Cost:		\$789,549	



Activity Date :	10/16/2006	Days Since Spud :	14	24 Hr. Footage Made :	545	Current Depth :	7335
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	02 - Drilling			Weather:			
Remarks:	FIRST SIGNIFICANT GAS SHOW CAME FROM - 7120' TO 7131' - W/ 10.1 ppg MUD BGG BEFORE = 250 U BGG DURING = 3782 U BGG AFTER = 316 U 7335' (TMD) @ REPORT TIME - 7065' (TVD) DRILLED F/6790' T/ 7335' = 545' LAST 24 HRS = AV ROP = 24.7 FT/HR LAST 24 HRS						

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	DRLG F/ 6790' T/ 6822' - 32' @ 21.3 FT/HR - WOB = 17K - RPM = 25/35t + 41m = 66/76 - SPM = 121 - GPM = 348 - PP = 1275psi	6790	6822	3
7:30	0.25	10	SURVEY @ 6768' = 1.88 DEG INCL - AZIM = 148.10 DEG TRUE NORTH	6822	6822	3
7:45	1.25	02	DRL F/ 6822' T/ 6854' - 32' @ 25.6 FT/HR - WOB = 17K - RPM = 25/35t + 41 m = 66/76 - SPM = 121 - GPM = 348 - PP = 1300psi	6822	6854	3
9:00	0.50	07	SERVICE RIG	6854	6854	3
9:30	0.50	02	DRLG F/ 6854' T/ 6886' - 32' @ 64 FT/HR - WOB = 16/20K - RPM = 30t + 41m = 71 - SPM = 121 - GPM = 348 - PP = 1370psi	6854	6886	3
10:00	0.25	10	SURVEY @ 6832' = 2.06 DEG INCL - AZIM = 147.19 DEG TRUE NORTH	6886	6886	3
10:15	7.00	02	DRLG F/ 6886' T/ 6982' - 96' @ 13.7 FT/HR - WOB = 16/37k - rpm = 0/ 35t + 41m = 41/76 - SPM = 121 - GPM = 348 - PP = 1275/1350psi	6886	6982	3
17:15	0.25	10	SURVEY @ 6928' = 1.8 DEG INCL - AZIM = 148.85 DEG TRUE NORTH	6982	6982	3
17:30	3.00	02	DRLG F/ 6982' T/ 7078' - 96' @ 32 FT/HR - WOB = 18K - RPM = 25/35t + 41m = 66/76 - SPM = 121 - GPM = 348 - PP = 1300/1450psi	6982	7078	3
20:30	0.25	10	SURVEY @ 7024' = 1.56 DEG INCL - AZIM = 161.73 DEG TRUE NORTH	7078	7078	3
20:45	3.50	02	DRLG F/ 7078' T/ 7174' - 96' @ 27.4 FT/HR - WOB = 20K - RPM = 30t + 41m = 71 SPM = 121 - GPM = 348 - PP = 1375psi	7078	7174	3
0:15	0.25	10	SURVEY @ 7120' = 1.31 DEG INCL - AZIM = 165.23 DEG TRUE NORTH	7174	7174	3
0:30	3.00	02	DRLG F/ 7174' T/ 7270' -96' @ 32 FT/HR - WOB = 19/20K - RPM = 30/40t + 41 m = 71/81 - SPM = 121 - GPM = 348 - PP =1375/1450psi	7174	7270	3
3:30	0.25	10	SURVEY @ 7216' = 1.25 DEG INCL - AZIM = 171.10 DEG TRUE NORTH	7270	7270	3
3:45	2.25	02	DRLG F/ 7270' T/ 7335' - 65' @ 28.8 FT/HR - WOB = 20K - RPM = 33t + 41m = 74 - SPM = 121 - GPM 348 - PP = 1375psi	7270	7335	3
Total:	24.00					

DC :	\$58,351	Cumm DHC :	\$847,900	Total Well Cost:	\$847,900
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Activity Date :	10/17/2006	Days Since Spud :	15	24 Hr. Footage Made :	305	Current Depth :	7640
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	06 - Trips			Weather:			
Remarks:	TD'd THE ROCK HOUSE 10-23-11-32 AT 7640' - 18:10 PM - 10/16/2006 MADE 40 STD SHORT TRIP - OVERPULL = 67/83K - 12 FT OF FILL ON BOTTOM - TRIP GAS = 8896 UNITS - MW 10.5+ IN & OUT VISC 51IN 52 OUT LAYING DOWN DIRECTIONAL TOOLS AT REPORT TIME SCHLUMBERGER ON LOCATION READY TO RIG UP						

Operations								
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run		
6:00	1.00	02	DRLG F/ 7335' T/ 7367' - 32' @ 32 FT/HR - WOB = 18/20K - RPM = 33t + 41m - 74 - SPM = 121 - GPM = 348 - PP = 1380psi	7335	7367	3		
7:00	0.25	10	SURVEY @ 7313' = 1.31 DEG INCL - AZIM = 160.60 DEG TRUE NORTH	7367	7367	3		
7:15	3.50	02	DRLG F/ 7367' T/ 7463' - 96' @ 27.4 FT/HR - WOB = 17K - RPM = 26/36t + 41m = 67/77 - SPM = 121 - GPM = 348 - PP = 1375/1400psi	7367	7463	3		
10:45	0.25	10	SURVEY @ 7409' = 1.38 DEG INCL - AZIM = 160.60 DEG TRUE NORTH	7463	7463	3		
11:00	0.50	07	SERVICE RIG	7463	7463	3		
11:30	6.50	02	DRLG F/ 7463' T/ 7640' (TD) - 177' @27.2 FT/HR - WOB = 20K - RPM = 32t + 41m = 73 - SPM = 121 - GPM = 348 - PP = 1400psi	7463	7640	3		
18:00	0.25	10	SURVEY AT 7586' = 1.44 DEG INCL - AZIM = 155.98 DEG TRUE NORTH	7640	7640	3		
18:15	1.25	05	CIRC & COND FOR SHORT TRIP - 40 STDS	7640	7640	3		
19:30	3.50	06	SHORT TRIP 40 STDS TO 3800' - 12' OF FILL ON BOTTOM	7640	7640	3		
23:00	2.00	05	CIRC OUT GAS - CONDITION FOR LOGS	7640	7640	3		
1:00	5.00	06	TRIP OUT OF HOLE FOR LOGS - LAYED DOWN DIRECTIONAL TOOLS	7640	7640	3		
Total:	24.00							
				DC :	\$51,379	Cumm DHC :	\$899,279	Total Well Cost: \$899,279

Activity Date :	10/18/2006	Days Since Spud :	16	24 Hr. Footage Made :	0	Current Depth :	7640
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	12 - Run Casing & Cement			Weather:			
Remarks:	RAN TRIPLE COMBO TO 7639' WIRELINE DEPTH UP TO BOTTOM OF SURFACE CSG @ 2025' LAYED DOWN DIRECTIONAL TOOLS - 91.90' - PICKED UP 3 JTS DP - WASHED TO BOTTOM - TRIP GAS = 9103 UNITS - 6/8 FT FLARE RUNNING 4 1/2" 11.6# M80 LT&C PRODUCTION CSG						

Operations								
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run		
6:00	6.00	11	MIRU SCHLUMBERGER - HELD SAFETY MEETING - RAN TRIPLE COMBO F/ TD (7639' WL DEPTH) T/ 2025' BSC	7640	7640	3		
12:00	3.00	09	SLIP & CUT 97' OF DRLG LINE	7640	7640	3		
15:00	3.50	06	TIH TO CIRC GAS & COND HOLE FOR CSG	7640	7640	NIH		
18:30	0.50	21	WASHED 96' TO BOTTOM - 10' OF FILL	7640	7640	NIH		
19:00	2.50	05	CIRC OUT GAS & COND FOR CSG - TRIP GAS = 9103 UNITS - 6/8 FT FLARE	7640	7640	NIH		
21:30	5.00	06	TOOH LAYING DOWN DP	7640	7640	NIH		
2:30	0.50	22	PULL WEAR BUSHING	7640	7640	NIH		
3:00	3.00	12	MIRU FRANK'S SG TOOLS - HELD SAFETY MEETING - RAN 179 JOINTS OF 4 1/2" 11.6# M80 LT&C TO 7630.90'	7640	7640	NIH		
Total:	24.00							
				DC :	\$57,300	Cumm DHC :	\$954,667	Total Well Cost: \$956,579



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 Denver, CO 80202
 (303) 573-1222

Daily Activity Report

Activity Date :	10/19/2006	Days Since Spud :	17	24 Hr. Footage Made :	0	Current Depth :	7640
Rig Company :	Patterson-UTI Drilling			Rig Name:	Patt 51		
Activity :	01 - Rig Up & Tear Down			Weather:			
Remarks:	RAN 179 JTS+ MARKER JT OF 4 1/2" 11.6# M80 LT&C TO 7630' - TAGGED BOTTOM W/ JT # 180 - #180 LAYED BACK DOWN - MADE UP HANGER & LANDING JT - LANDED CSG 79,000 lbs STRING WT CIRC OUT GAS CEMENT W/ HALLIBURTON - PUMPED 140sx (95bbbls) LEAD + 1100sx (239bbbls) TAIL - DISPLACED W/ 117.75bbbls WATER - FINAL CIRC PRESS = 1850psi - PLUG DWN W/ 2100PSI - FLOAT HELD - FULL RETURNS THROUGH OUT CEMENT OPS - EST TOP OF CEMENT @ 1700" +/- NIPPLE DOWN BOP'S - CLEAN & JET PITS - RIG RELEASED @ 24:00 HRS (MID NIGHT) 10/19/2006 PROTECH SCHEDULED TO MOVE RIG FRIDAY 10/20/06 - 07:00 RIG RELEASED 12:00 NIDNIGHT 10/19/06						

Operations						Start Depth	End Depth	Run	
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run			
6:00	2.50	12	RUNNING 4 1/2" 11.6# M80 LT&C T 7630.90' - RAN 179 JOINTS + MARKER JT	7640	7640	NIH			
8:30	4.00	05	CIRC OUT GAS & CONDITION FOR CEMENT	7640	7640	NIH			
12:30	3.00	12	MIRU HALLIBURTON - HELD SAFETY MEETING - PUMPED - 140sx (95bbbls) 11.0ppg, 3.81yld, 23.41mix + 1100sx (239bbbls) 14.35ppg, 1.22yld, 5.23mix - DISPLACED W/ 118bbbls WATER - FINAL CIRC PRESS = 1850psi - BUMPED PLUG W/ 2100psi - FLOAT HELD - FULL RETURNS THROUGH OUT JOB	7640	7640	NIH			
15:30	8.50	01	NIPPLE DOWN BOP'S - CLEAN & JET PITS	7640	7640	NIH			
0:00	6.00	01	RIGGING DOWN TO MOVE THE ROCK HOUSE 10-23-14-32 - TRUCKS SCHEDULED FOR 07:00 FRIDAY 10/20/2006	7640	7640	NIH			
Total:	24.00								
				DC :	\$183,728	Cumm DHC :	\$1,048,841	Total Well Cost :	\$1,140,307

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

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47063
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: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: n/a
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: Rock House 10-23-11-32
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304738197
PHONE NUMBER: (303) 350-5114		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SHL=482' FNL - 2122' FWL (BHL=NWNW) Sec 32-10S-23E COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/1/2007	<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 checked="" 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.

In order to prevent waste of gas, as defined by law; to protect the correlative rights of all parties concerned; to prevent the drilling of un-necessary wells; and to insure proper and efficient development and promote conservation of the gas resources of the State of Utah, Enduring Resources, LLC respectfully request approval to perforate and commingle the Wasatch and Mesaverde formations "pools" in the same well bore.

1. Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs.
2. These formations shall be commingled in the well bore and produced concurrently in a single string of 2-3/8" production tubing.
3. Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units.
4. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas lease or production units overlying the "pool."

COPY SENT TO OPERATOR
Date: 5-1-07
Initials: RM

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>5/1/2007</u>

(This space for State use only)

RECEIVED
MAY 04 2007
DIV. OF OIL, GAS & MINING

6/9/07
DeWitt

(5/2000) (See Instructions on Reverse Side)

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 1, 2007

The Houston Exploration Company
1100 Louisiana, #2000
Houston, TX 77002

CERTIFIED MAIL
ARTICLE NO: 7006 2760 0001 4272 3909

Attention: Land Department

RE: Commingling Application
Rock House 10-23-11-32
SHL=482' FNL - 2122' FWL (BHL=NWNW) Sec 32-10S-23E
Uintah County, Utah

Dear Leasehold Interest Owner:

Enduring Resources, LLC ("Enduring") has filed an application with the State of Utah Division of Oil, Gas, and Mining requesting approval of the Wasatch and Mesaverde formations (pools) in the above-referenced well to be commingled.

Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. These formations (pools) shall be commingled in the well's well bore.

Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas leases or production units overlying the commingled pools (commingled formations).

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

AFFIDAVIT OF MAILING

Statue of Colorado)
City and)ss.
County of Denver)

Alvin R. Arlian (hereinafter sometimes referred to as "Affiant"), of lawful age, being first duly sworn upon oath, deposes and says:

1. Affiant is a Landman-Regulatory Specialist for Enduring Resources, LLC (hereinafter sometimes referred to as "Enduring") whose address is 475 17th Street, Denver, Colorado 80202,

2. Enduring is the operator of the following described oil and gas well:

**Rock House 10-23-11-32
SHL=482' FNL - 2122' FWL (BHL=NWNW) Sec 32-10S-23E
Uintah County, Utah**

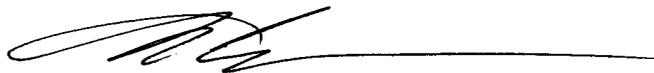
3. A cursory search of applicable records confirmed that the following parties are the only leasehold interest owners in the contiguous oil and gas wells, contiguous oil and gas leases, or contiguous oil and gas well production units overlying the "pool."

1. The Houston Exploration Company
- 2.
- 3.
- 4.

4. On Tuesday, May 01, 2007 Affiant mailed (or caused to be mailed) in U.S. Mail, with postage prepaid, a copy of the attached Application for Commingling two or more pools (formations) in one well bore of the well described in Paragraph No. 2 above which said Application for Commingling (Form 9) has/had concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the Bureau of Land Management), and

5. Attached is a map showing the location of wells' located on contiguous oil and gas leases and/or production units.

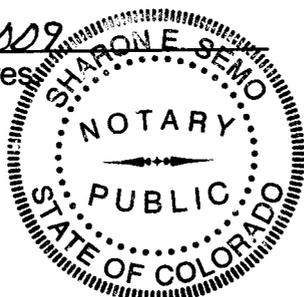
Affiant saith no more.



Alvin R. Arlian, Affiant

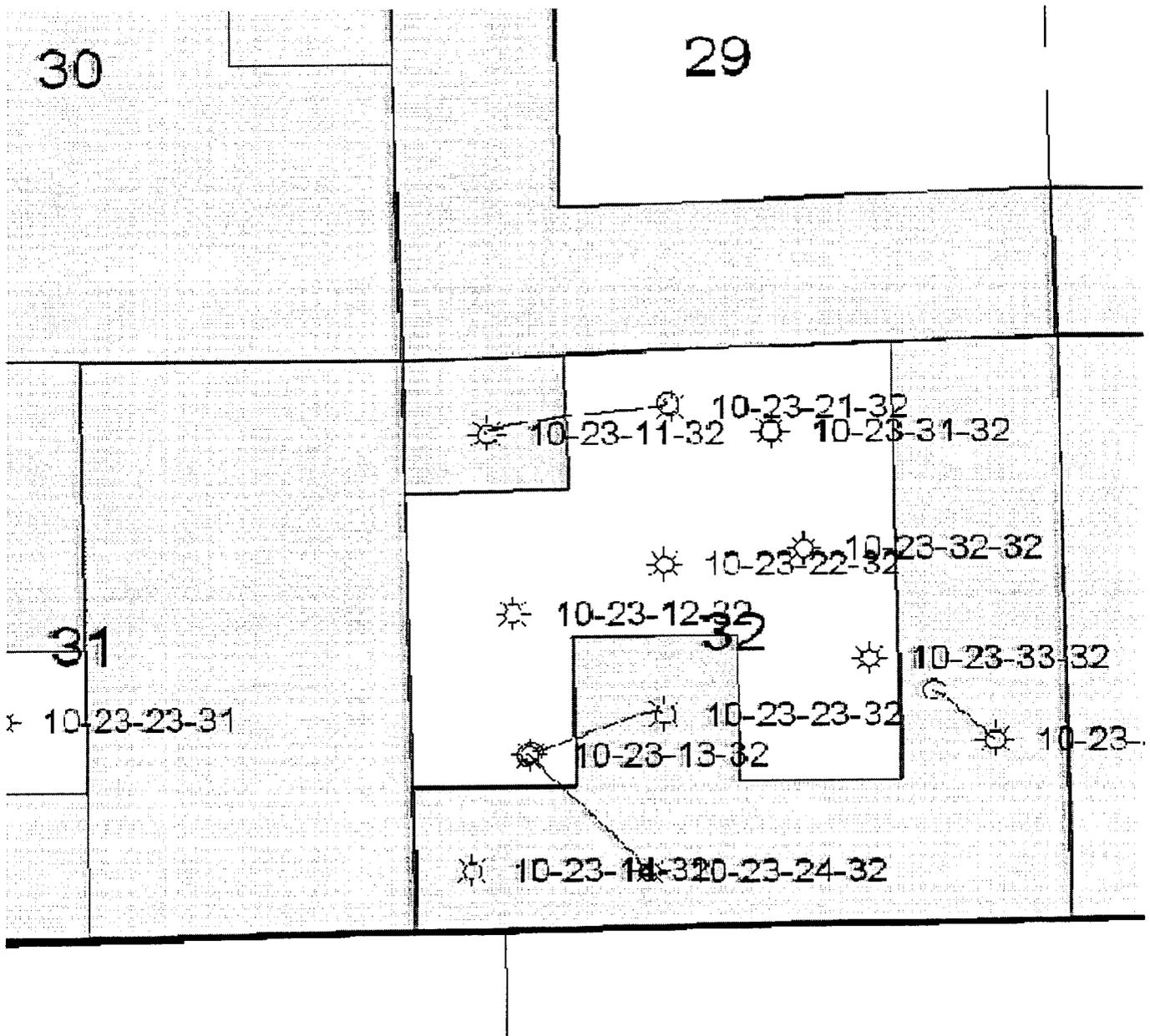
Scribed and sworn to before me this 1st day of May, 2007 by Alvin R. Arlian.

9/23/2009
My Commission Expires




Notary Public.

MAP ATTACHED TO ENDURING RESOURCES, LLC COMMINGLING
APPLICATION FOR ROCK HOUSE 10-23-11-32 LOCATED IN THE NWNW
SEC. 32, T10S-R23E



SUNDRY NOTICES AND REPORTS ON WELLS

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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
		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 10-23-11-32
2. NAME OF OPERATOR: Enduring Resources, LLC		9. API NUMBER: 4304738197
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 482' FNL - 2,122' FWL NENW		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 32 10S 23E S		STATE: UTAH

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

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<input 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
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	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/9/2007	<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: Pit Closed and Reseeded
	<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.

11-9-2007 Pit has been backfilled and reseeded.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE	DATE 11/9/2007

(This space for State use only)

RECEIVED
NOV 15 2007
 DIV. OF OIL, GAS & MINING

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

FORM 9

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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/25/2008	<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 checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Conformation of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Commingling.</u>

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

11-28-2006, First Gas Sales.

Conformation that well was commingled in the Wasatch and Mesaverde formations "pools" in the initial completion attempt.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>9/25/2008</u>