

**ENDURING RESOURCES, LLC**

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

April 20, 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: Application for Permit to Drill  
Rock House 11-23-21-2  
Surface: SENW 2-11S-23E  
2442' FNL – 1876' FWL  
BHL: NENW 2-11S-23E  
1260' FNL – 1996' FWL  
Lse #ML 47087 Uintah Cnty, UT**

Dear Ms. Whitney

Attached are two original applications to drill for the above-referenced proposed well. This well will be drilled on State of Utah lands directionally from a two-well pad. A copy of this APD is being sent to SITLA.

- 1. Road and Pipeline r-o-w applications have been submitted to the BLM for 900' of road and pipeline in section 2.**
- 2. The 40-acre production unit is entirely State Minerals**

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

**RECEIVED**

**APR 25 2006**

DIV. OF OIL, GAS & MINING

ara/  
SITLA

Attachments as stated:

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>ML-47087</b>	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: <b>Enduring Resources, LLC</b>			9. WELL NAME and NUMBER: <b>Rock House 11-23-21-2</b>	
3. ADDRESS OF OPERATOR: <b>475 17th St., Ste 1500</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80220</b>		PHONE NUMBER: <b>(303) 350-5114</b>	10. FIELD AND POOL, OR WILDCAT: <del>Undesignated</del> <b>Rock House</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2442' FNL - 1876' FWL SENW</b> AT PROPOSED PRODUCING ZONE: <b>1260' FNL - 1996' FWL NENW</b>			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>5 ENW 2 11S 23E S</b>	
5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>75.3 miles from Vernal, Utah</b>			12. COUNTY: <b>Uintah</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1260' BHL</b>	16. NUMBER OF ACRES IN LEASE: <b>640</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>1200'+ BHL (surface is 25')</b>	19. PROPOSED DEPTH: <b>MD 7870 TUD 7480</b>	20. BOND DESCRIPTION: <b>RLB0008031</b>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5458 KB-RT</b>	22. APPROXIMATE DATE WORK WILL START: <b>7/1/2006</b>	23. ESTIMATED DURATION: <b>20 days</b>		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
20"	14" line pipe	40	3 yards	Ready Mix	
11"	8-5/8" J-55 24#	2,000	Premium Lead	138 sxs	3.50 11.1
			Premium Tail	138 sxs	1.15 15.8
7-7/8"	4-1/2" N-80 11.6#	<b>7870 7480</b>	Class G	93 sxs	3.3 11.0
			50/50 Poz Class G	860 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 4/20/2006

**RECEIVED**

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38032

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

DIV. OF OIL, GAS & MINING

APPROVAL: **Date: 4-20-06**  
**By:**

(11/2001) (See Instructions on Reverse Side)

Sec. 34

# T11S, R23E, S.L.B.&M. Sec. 34

Found 1994 Alum. Cap in pile of Stones  
Sec. 35

WEST - 39.98 (G.L.O.)  
S89°55'28"W - 2637.15' (Meas.)

S89°59'W - 39.95 (G.L.O.)  
S89°53'57"W - 2577.95' (Meas.)

## ENDURING RESOURCES

WELL LOCATION, ROCK HOUSE  
11-23-21-2D, LOCATED AS SHOWN IN  
LOT 6 OF SECTION 2, T11S, 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 N05°44'45"E 1189.07' from the well 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 marked on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.



▲ = SECTION CORNERS LOCATED

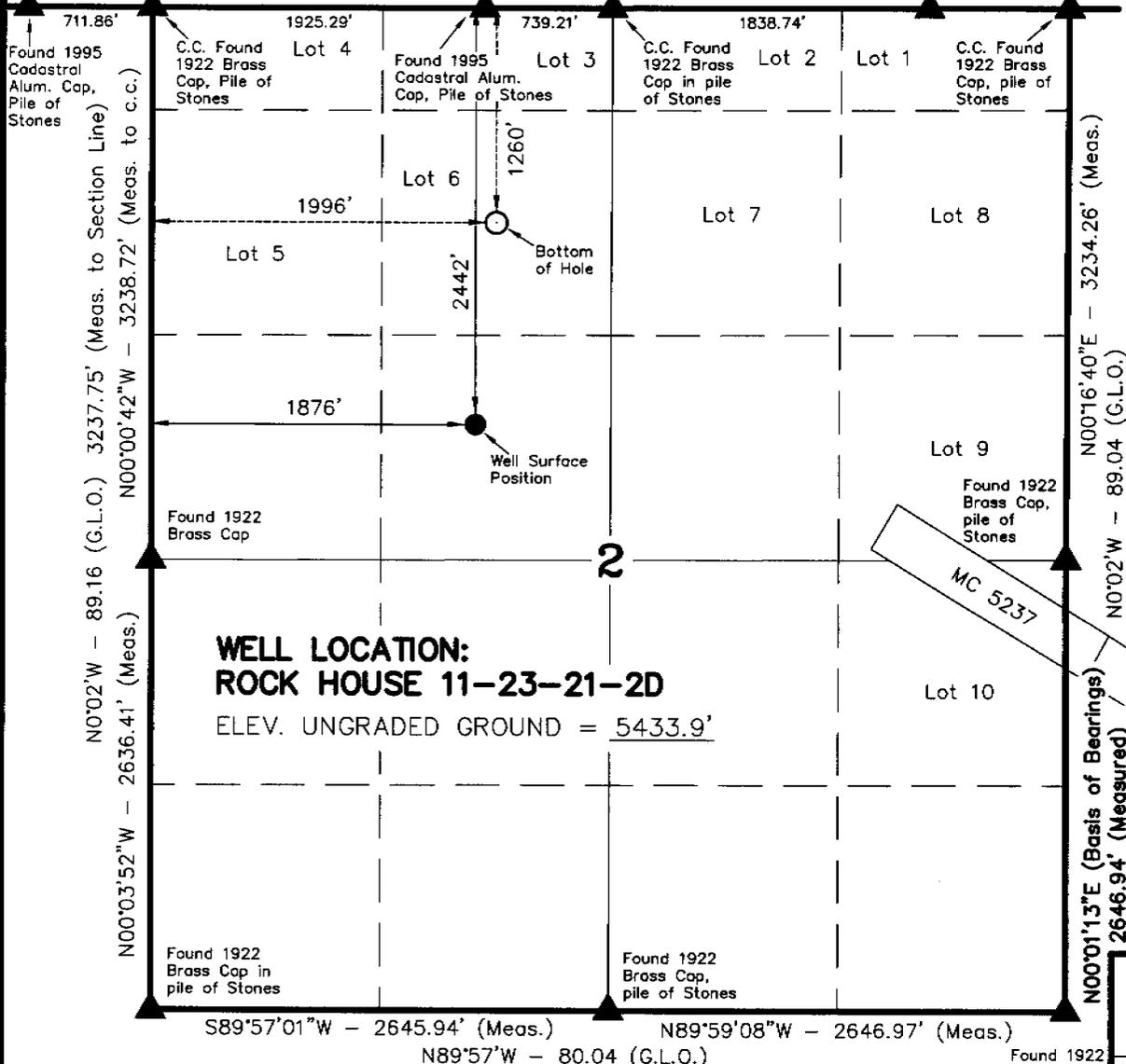
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Kelly R. Kay*  
 No. 362251  
 KOLBY R. KAY  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 362251  
 STATE OF UTAH

### TIMBERLINE LAND SURVEYING, INC.

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

DATE SURVEYED: 12-20-05	SURVEYED BY: D.J.S.	SHEET <b>2b</b>
DATE DRAWN: 01-12-06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	OF 11



**WELL LOCATION:  
 ROCK HOUSE 11-23-21-2D**  
 ELEV. UNGRADED GROUND = 5433.9'

**ROCK HOUSE 11-23-21-2D  
 (Bottom Hole) NAD 83 Autonomous**  
 LATITUDE = 39° 53' 41.04"  
 LONGITUDE = 109° 18' 46.14"

**ROCK HOUSE 11-23-21-2D  
 (Surface Position) NAD 83 Autonomous**  
 LATITUDE = 39° 53' 29.35"  
 LONGITUDE = 109° 18' 47.67"

Found 1922 Brass Cap in pile of Stones

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April 20, 2006

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

Attention: Ms. Diana Whitney

**RE: Request for Exception and Directional Well Locations**

Rock House 11-23-21-2

Surface: SENW 2-11S-23E

2442' FNL – 1876' FWL

BHL: NENW 2-11S-23E

1260' FNL – 1996' FWL

Lse #ML 47087 Uintah Cnty, UT

Rock House 11-23-22-2

SENE Sec. 2-T11S-R23E

2,468' FNL – 1,877' FWL

Lse #ML 47087

Uintah Cnty, UT

Dear Ms. Whitney:

Enduring Resources, LLC ("ERLLC") is the only leasehold interest owner within 460 feet of any part of the above-referenced proposed wells' proposed well bores.

1. **This will be drilled from the same pad as the above referenced vertical well to reduce surface impact and avoid drilled on steep slopes,**
2. The subject well surface location is only 25 feet apart. However
3. The BHL's will be within each well's 200' drilling window.

ERLLC is the only leasehold interest owner within ALL of Sec 2, therefore,

- A. *ERLLC grants itself permission to directionally drill the well, and*
- B. *ERLLC also grants itself permission for exception well(s)' surface locations.*

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

Very truly yours

**ENDURING RESOURCES, LLC**



Alvin R. (Al) Arlian  
Landman – Regulatory Specialist

RECEIVED

APR 25 2006

DIV. OF OIL, GAS & MINING

ara/

cc: SITLA

# Enduring Resources, LLC

**Rock House 11-23-21-2**  
NE-NW 2-11S-23E (Bottom Hole Location)  
SE-NW 2-11S-23E (Surface Location)  
Uintah County, Utah

State Lease: ML-47078

## ONSHORE ORDER 1 - DRILLING PLAN

### 1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	248
Wasatch	3168
Mesaverde	5013

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

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5458' est.	
Oil / Gas	Green River	248
Oil /Gas	Wasatch	3168
Oil /Gas	Mesaverde	5013
	TD	TVD 7480

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 - 7480' (KB) 7470

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)
7870-7480' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.63 (d)	7780/2.18 (e)	223/2.99 (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 <sup>3</sup> /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 <sub>2</sub> + 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 ft<sup>3</sup>/sx) cement will be premium cement w/ 3% CaCl<sub>2</sub> + 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 <sup>3</sup> /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl <sub>2</sub> + 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 <sup>3</sup> /sx)
4-1/2"	Lead	1052	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	93	25	11.0	3.3
4-1/2"	Tail	4712	50/50 POZ Class G + 2% gel + 1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	860	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' - 7480' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

7870

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 H<sub>2</sub>S 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 3890 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2244 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 11-23-22-2 & Rock House 11-23-21-2D**  
**Section 2, T11S, 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 6.6 MILES TO THE INTERSECTION OF A SERVICE ROAD. EXIT RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.5 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 375 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 75.3 MILES IN A SOUTHEASTERLY DIRECTION.

# Enduring Resources, LLC

**Rock House 11-23-21-2**  
NE-NW 2-11S-23E (Bottom Hole Location)  
SE-NW 2-11S-23E (Surface Location)  
Uintah County, Utah  
State Lease: ML-47078

## MULTI-POINT SURFACE USE & OPERATIONS PLAN

### 1. Existing Roads:

Directions to Rock House 11-23-21-2

*(This well will be directionally drilled from the Rock House 11-23-22-2 well pad).*

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. Exits 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). Exits left and proceed in a westerly direction along county b road 4120 approximately 1.9 miles to the junction of county b road 4230. Exit right and proceed in a northerly direction along county b road 4230 approximately 0.9 miles to the junction of the Atchee wash road (county b road 4240). Exit right and proceed in a northerly direction along county b road 4240 approximately 6.6 miles to the intersection of a service road. Exit right and proceed in a southeasterly direction along the service road approximately 0.5 miles to the proposed access road. Follow road flags in an easterly direction approximately 375 feet to the proposed location.

Total distance from vernal, Utah to the proposed well location is approximately 75.3 miles in a southeasterly direction.

### 2. Planned Access Roads:

The proposed access road will be approximately 375 feet of new construction all on-lease. In addition, there is an existing road to an old dry hole site of the Rock House 23-2 pad (NESW-2-11S-23E) part of that road, approximately 2,000' on-lease and 900' off-lease (BLM) will be used to access the well. This existing road also appears on county road maps and may be claimed as a county road.

ALL NEW CONSTRUCTION IS ON SITLA LANDS, However, the existing, apparently county road (900' of off-lease, BLM and 2,000' on-lease) will be improved, if needed, to meet Uintah County, SITLA, BLM (and DOG&M) requirements, however no improvement is anticipated.

***Enduring has filed a r-o-w application with the BLM to use the 900' of BLM off-lease road (county Class D road?).***

The proposed 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.

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

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

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

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

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

- |    |       |                  |
|----|-------|------------------|
| a. | None: | Water Wells:     |
| b. | None: | Injection Wells: |

- c. (3): Producing Wells:
  - i. Rock House U 21 SENW Sec. 11-11S-23E
  - ii. Rainbow Unit 27 NENE Sec 10-11S-23E
  - ii. Lapaglia ! NESE Sec 3-11S-23E
- d. None: Drilling Wells:
- e. None: Shut-in Wells:
- f. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. (4): Abandoned Wells:
  - i. State 1 NWSW Sec. 2-11S-23E
  - ii. State M23-2 NESW Sec 2-11S-23E
  - iii. Rock House 23-2 NWSE Sec 2-11S-23E
  - iv. Rock House U-27 NENE Sec 10-11S-23E
- i. None: Dry Holes:
- j. None: Observation Wells:
- k. Various: Pending (staked) Wells:
  - i. Various wells staked by Enduring in Sec. 2-11S-23E

#### 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 Dark Olive Black. 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 for this well will be:

*325' Surface Pipeline	On-Lease	SITLA
*-0-' Surface Pipeline	Off-Lease	BLM

If this well is capable of economic production, a 6" (or less) steel surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 325 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (westside) to tie-in to a steel surface pipeline that is gathering other wells in this.

***\*If this well is the first well drilled in this Section, then an additional 900' of 6" surface pipeline will be laid off-lease and approximately 1800' of 6" surface pipeline on-lease will be needed to carry the gas west to a pipeline in Section 3 (along the access road).***

***Enduring has filed a r-o-w application with the BLM for 900' of surface pipeline in Section 3.***

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

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

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

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

\*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	<b>T11S-R23E</b>	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 stockpile(s).

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

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

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

All pits shall be fence to the following minimum standards:

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

**10. Plans for Surface Reclamation:****Producing Location:**

- a. Immediately upon well completion (**of the two wells to be drilled from this pad**), 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 (**of the two wells to be drilled from this pad**), 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 (**of the two wells to be drilled from this pad**) and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

**Dry Hole/Abandoned Location:**

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

**Seed Mixture for Windrowed Top Soil Will Included:**

To be provided by the DOG&M and/or SITLA.

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

Wellsite: SITLA

Access: SITLA and BLM

Pipeline: SITLA and BLM

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

The on-site will be scheduled by SITLA and DOG&M.

**Special Conditions of Approval:**

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Surface Gathering Pipeline shall be 6" or less
- 

**Archeology:**

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

**Paleontology:**

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

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

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

Alvin R. (Al) Arlian  
Landman – Regulatory Specialist  
Enduring Resources, LLC  
475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202  
Office Tel: 303-350-5114  
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[aarlian@enduringresources.com](mailto:aarlian@enduringresources.com)

Teme Singleton  
Drilling Engineer  
Enduring Resources, LLC  
475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202  
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**ENDURING RESOURCES**  
**Rock House 11-23-21-2**  
**SE/NW, Sec. 2, T11S, R23E**  
**Uintah County, Utah**



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	5.75	0.00	0.00	0.00	0.00	0.00	0.00	
2	2072.00	0.00	5.75	2072.00	0.00	0.00	0.00	0.00	0.00	KOP
3	3015.20	47.16	5.75	2912.25	364.90	36.74	5.00	5.75	366.74	End Build
4	3511.47	47.16	5.75	3249.69	726.96	73.20	0.00	0.00	730.64	Start Drop
5	4690.47	0.00	5.75	4300.00	1183.09	119.13	4.00	180.00	1189.07	End Drop
6	7870.47	0.00	5.75	7480.00	1183.09	119.13	0.00	5.75	1189.07	TD



RKB Elevation: 5458.00  
 Ground Elevation: 5432.20

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Rock House 11-23-21-2	0.00	0.00	7136711.98	2253915.74	39°53'29.350N	109°18'47.670W	N/A

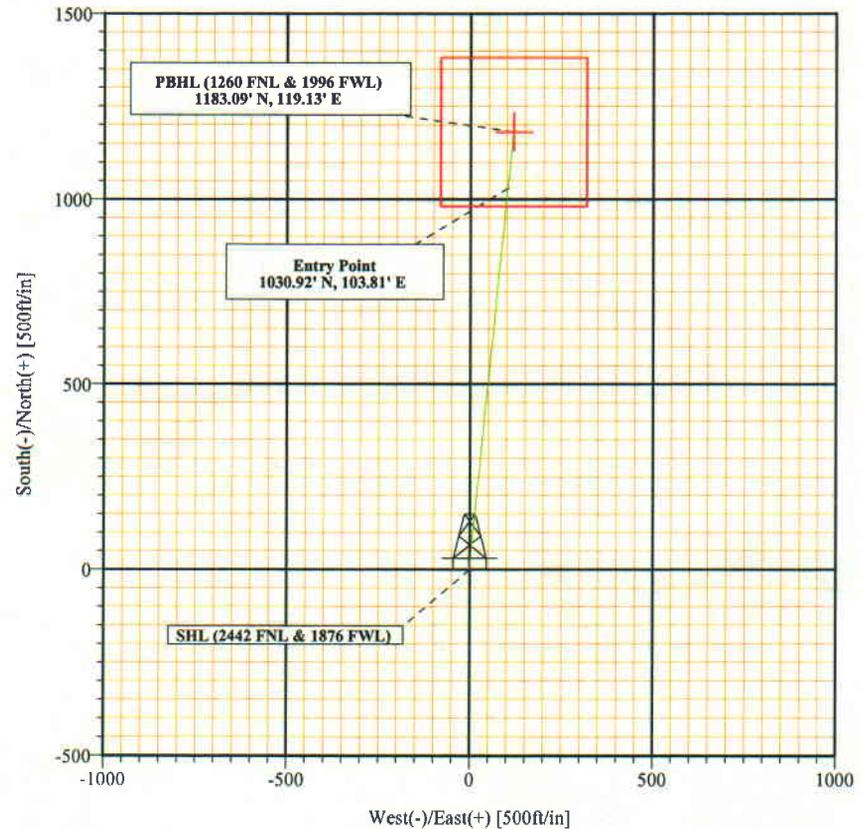
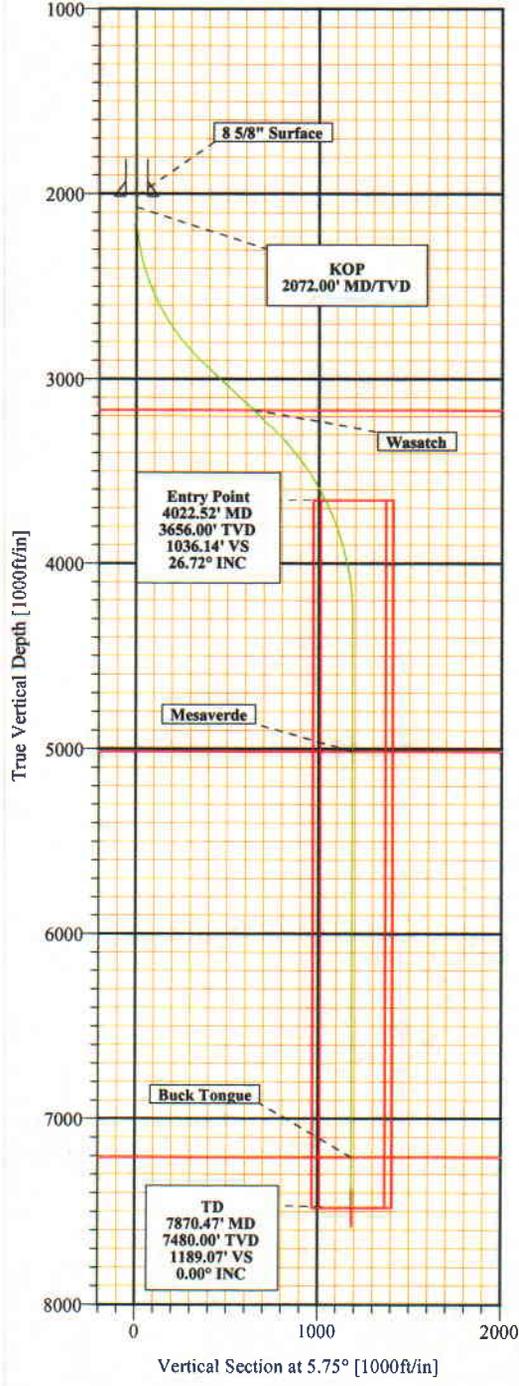
**FIELD DETAILS**  
 Uintah, Utah  
 Utah Central Zone  
 U.S.A.  
 Geodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Central Zone  
 Magnetic Model: igrf2005  
 System Datum: Mean Sea Level  
 Local North: True North

**SITE DETAILS**  
 SE/NW 2-11S-23E  
 Sec. 2, T11S, R23E, Uintah County, Utah  
 2442 FNL & 1876 FWL  
 Site Centre Latitude: 39°53'29.350N  
 Longitude: 109°18'47.670W  
 Ground Level: 5432.20  
 Positional Uncertainty: 0.00

TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
Target	7480.00	1183.09	119.13	Rectangle (400x400)

CASING DETAILS				
No.	TVD	MD	Name	Size
1	2012.00	2012.00	8 5/8" Surface	8.625

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	248.00	248.00	Green River
2	3168.00	3391.33	Wasatch
3	5013.00	5403.47	Mesaverde
4	7208.00	7598.47	Buck Tongue



# Weatherford International

## Planning Report

<b>Company:</b> Enduring Resources	<b>Date:</b> 3/22/2006	<b>Time:</b> 14:35:59	<b>Page:</b> 1
<b>Field:</b> Uintah, Utah	<b>Co-ordinate(NE) Reference:</b> Well: Rock House 11-23-21-2, True North		
<b>Site:</b> SE/NW 2-11S-23E	<b>Vertical (TVD) Reference:</b> SITE 5458.0		
<b>Well:</b> Rock House 11-23-21-2	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,5.75Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b> Plan #1		

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

**Site:** SE/NW 2-11S-23E  
Sec. 2, T11S, R23E, Uintah County, Utah  
2442 FNL & 1876 FWL

<b>Site Position:</b>	<b>Northing:</b> 7136711.98 ft	<b>Latitude:</b> 39 53 29.350 N
<b>From:</b> Geographic	<b>Easting:</b> 2253915.74 ft	<b>Longitude:</b> 109 18 47.670 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True
<b>Ground Level:</b> 5432.20 ft		<b>Grid Convergence:</b> 1.40 deg

<b>Well:</b> Rock House 11-23-21-2	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 7136711.98 ft
+E/-W 0.00 ft	<b>Easting:</b> 2253915.74 ft
<b>Position Uncertainty:</b> 0.00 ft	<b>Latitude:</b> 39 53 29.350 N
	<b>Longitude:</b> 109 18 47.670 W

<b>Wellpath:</b> 1	<b>Drilled From:</b> Surface	
<b>Current Datum:</b> SITE	<b>Tie-on Depth:</b> 0.00 ft	
<b>Magnetic Data:</b> 3/22/2006	<b>Above System Datum:</b> Mean Sea Level	
<b>Field Strength:</b> 52873 nT	<b>Declination:</b> 11.64 deg	
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 65.95 deg	
ft	+N/-S	+E/-W
	ft	ft
7480.00	0.00	0.00
		5.75
		Direction
		deg

<b>Plan:</b> Plan #1	<b>Date Composed:</b> 3/22/2006	
<b>Principal:</b> Yes	<b>Version:</b> 1	
	<b>Tied-to:</b> From Surface	

**Plan Section Information**

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	5.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2072.00	0.00	5.75	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	
3015.20	47.16	5.75	2912.25	364.90	36.74	5.00	5.00	0.00	5.75	
3511.47	47.16	5.75	3249.69	726.96	73.20	0.00	0.00	0.00	0.00	
4690.47	0.00	5.75	4300.00	1183.09	119.13	4.00	-4.00	0.00	180.00	
7870.47	0.00	5.75	7480.00	1183.09	119.13	0.00	0.00	0.00	5.75	Target

**Section 1 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	5.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	5.75	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75
2012.00	0.00	5.75	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75
2072.00	0.00	5.75	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75

**Section 2 : Start Build 5.00**

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2100.00	1.40	5.75	2100.00	0.34	0.03	0.34	5.00	5.00	0.00	0.00
2200.00	6.40	5.75	2199.73	7.11	0.72	7.14	5.00	5.00	0.00	0.00
2300.00	11.40	5.75	2298.50	22.49	2.27	22.61	5.00	5.00	0.00	0.00
2400.00	16.40	5.75	2395.54	46.39	4.67	46.62	5.00	5.00	0.00	0.00
2500.00	21.40	5.75	2490.12	78.61	7.92	79.00	5.00	5.00	0.00	0.00
2600.00	26.40	5.75	2581.51	118.90	11.97	119.51	5.00	5.00	0.00	0.00
2700.00	31.40	5.75	2669.03	166.97	16.81	167.82	5.00	5.00	0.00	0.00
2800.00	36.40	5.75	2752.01	222.45	22.40	223.58	5.00	5.00	0.00	0.00
2900.00	41.40	5.75	2829.81	284.91	28.69	286.35	5.00	5.00	0.00	0.00

# Weatherford International

## Planning Report

**Company:** Enduring Resources  
**Field:** Uintah, Utah  
**Site:** SE/NW 2-11S-23E  
**Well:** Rock House 11-23-21-2  
**Wellpath:** 1

**Date:** 3/22/2008 **Time:** 14:35:59 **Page:** 2  
**Co-ordinate(NE) Reference:** Well: Rock House 11-23-21-2, True North  
**Vertical (TVD) Reference:** SITE 5458.0  
**Section (VS) Reference:** Well (0.00N,0.00E,5.75Azi)  
**Plan:** Plan #1

**Section 2 : Start Build 5.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3000.00	46.40	5.75	2901.84	353.88	35.63	355.67	5.00	5.00	0.00	0.00
3015.20	47.16	5.75	2912.25	364.90	36.74	366.74	5.00	5.00	0.00	0.00

**Section 3 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3100.00	47.16	5.75	2969.91	426.77	42.97	428.93	0.00	0.00	0.00	0.00
3200.00	47.16	5.75	3037.90	499.72	50.32	502.25	0.00	0.00	0.00	0.00
3300.00	47.16	5.75	3105.90	572.68	57.67	575.58	0.00	0.00	0.00	0.00
3391.33	47.16	5.75	3168.00	639.31	64.38	642.54	0.00	0.00	0.00	0.00
3400.00	47.16	5.75	3173.90	645.64	65.01	648.90	0.00	0.00	0.00	0.00
3500.00	47.16	5.75	3241.89	718.59	72.36	722.23	0.00	0.00	0.00	0.00
3511.47	47.16	5.75	3249.69	726.96	73.20	730.64	0.00	0.00	0.00	0.00

**Section 4 : Start Drop -4.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3600.00	43.62	5.75	3311.85	789.66	79.51	793.65	4.00	-4.00	0.00	180.00
3700.00	39.62	5.75	3386.60	855.73	86.17	860.06	4.00	-4.00	0.00	180.00
3800.00	35.62	5.75	3465.79	916.45	92.28	921.08	4.00	-4.00	0.00	180.00
3900.00	31.62	5.75	3549.05	971.53	97.83	976.44	4.00	-4.00	0.00	180.00
4000.00	27.62	5.75	3635.96	1020.69	102.78	1025.85	4.00	-4.00	0.00	180.00
4022.52	26.72	5.75	3656.00	1030.92	103.81	1036.14	4.00	-4.00	0.00	-180.00
4100.00	23.62	5.75	3726.11	1063.70	107.11	1069.08	4.00	-4.00	0.00	180.00
4200.00	19.62	5.75	3819.06	1100.35	110.80	1105.92	4.00	-4.00	0.00	180.00
4300.00	15.62	5.75	3914.35	1130.46	113.83	1136.18	4.00	-4.00	0.00	180.00
4400.00	11.62	5.75	4011.52	1153.88	116.19	1159.72	4.00	-4.00	0.00	180.00
4500.00	7.62	5.75	4110.09	1170.51	117.86	1176.43	4.00	-4.00	0.00	180.00
4600.00	3.62	5.75	4209.59	1180.25	118.84	1186.21	4.00	-4.00	0.00	180.00
4690.47	0.00	5.75	4300.00	1183.09	119.13	1189.07	4.00	-4.00	0.00	-180.00

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4700.00	0.00	5.75	4309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
4800.00	0.00	5.75	4409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
4900.00	0.00	5.75	4509.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5000.00	0.00	5.75	4609.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5100.00	0.00	5.75	4709.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5200.00	0.00	5.75	4809.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5300.00	0.00	5.75	4909.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5400.00	0.00	5.75	5009.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5403.47	0.00	5.75	5013.00	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5500.00	0.00	5.75	5109.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5600.00	0.00	5.75	5209.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5700.00	0.00	5.75	5309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5800.00	0.00	5.75	5409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
5900.00	0.00	5.75	5509.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6000.00	0.00	5.75	5609.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6100.00	0.00	5.75	5709.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6200.00	0.00	5.75	5809.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6300.00	0.00	5.75	5909.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6400.00	0.00	5.75	6009.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6500.00	0.00	5.75	6109.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6600.00	0.00	5.75	6209.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6700.00	0.00	5.75	6309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6800.00	0.00	5.75	6409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
6900.00	0.00	5.75	6509.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7000.00	0.00	5.75	6609.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7100.00	0.00	5.75	6709.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7200.00	0.00	5.75	6809.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75

# Weatherford International

## Planning Report

**Company:** Enduring Resources  
**Field:** Uintah, Utah  
**Site:** SE/NW 2-11S-23E  
**Well:** Rock House 11-23-21-2  
**Wellpath:** 1

**Date:** 3/22/2006 **Time:** 14:35:59 **Page:** 3  
**Co-ordinate(NE) Reference:** Well: Rock House 11-23-21-2, True North  
**Vertical (TVD) Reference:** SITE 5458.0  
**Section (VS) Reference:** Well (0.00N,0.00E,5.75Azi)  
**Plan:** Plan #1

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7300.00	0.00	5.75	6909.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7400.00	0.00	5.75	7009.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7500.00	0.00	5.75	7109.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7598.47	0.00	5.75	7208.00	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7600.00	0.00	5.75	7209.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7700.00	0.00	5.75	7309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7800.00	0.00	5.75	7409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75
7870.47	0.00	5.75	7480.00	1183.09	119.13	1189.07	0.00	0.00	0.00	5.75

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2000.00	0.00	5.75	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	5.75	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	8 5/8" Surface
2072.00	0.00	5.75	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	1.40	5.75	2100.00	0.34	0.03	0.34	5.00	5.00	0.00	MWD
2200.00	6.40	5.75	2199.73	7.11	0.72	7.14	5.00	5.00	0.00	MWD
2300.00	11.40	5.75	2298.50	22.49	2.27	22.61	5.00	5.00	0.00	MWD
2400.00	16.40	5.75	2395.54	46.39	4.67	46.62	5.00	5.00	0.00	MWD
2500.00	21.40	5.75	2490.12	78.61	7.92	79.00	5.00	5.00	0.00	MWD
2600.00	26.40	5.75	2581.51	118.90	11.97	119.51	5.00	5.00	0.00	MWD
2700.00	31.40	5.75	2669.03	166.97	16.81	167.82	5.00	5.00	0.00	MWD
2800.00	36.40	5.75	2752.01	222.45	22.40	223.58	5.00	5.00	0.00	MWD
2900.00	41.40	5.75	2829.81	284.91	28.69	286.35	5.00	5.00	0.00	MWD
3000.00	46.40	5.75	2901.84	353.88	35.63	355.67	5.00	5.00	0.00	MWD
3015.20	47.16	5.75	2912.25	364.90	36.74	366.74	5.00	5.00	0.00	End Build
3100.00	47.16	5.75	2969.91	426.77	42.97	428.93	0.00	0.00	0.00	MWD
3200.00	47.16	5.75	3037.90	499.72	50.32	502.25	0.00	0.00	0.00	MWD
3300.00	47.16	5.75	3105.90	572.68	57.67	575.58	0.00	0.00	0.00	MWD
3391.33	47.16	5.75	3168.00	639.31	64.38	642.54	0.00	0.00	0.00	Wasatch
3400.00	47.16	5.75	3173.90	645.64	65.01	648.90	0.00	0.00	0.00	MWD
3500.00	47.16	5.75	3241.89	718.59	72.36	722.23	0.00	0.00	0.00	MWD
3511.47	47.16	5.75	3249.69	726.96	73.20	730.64	0.00	0.00	0.00	Start Drop
3600.00	43.62	5.75	3311.85	789.66	79.51	793.65	4.00	-4.00	0.00	MWD
3700.00	39.62	5.75	3386.60	855.73	86.17	860.06	4.00	-4.00	0.00	MWD
3800.00	35.62	5.75	3465.79	916.45	92.28	921.08	4.00	-4.00	0.00	MWD
3900.00	31.62	5.75	3549.05	971.53	97.83	976.44	4.00	-4.00	0.00	MWD
4000.00	27.62	5.75	3635.96	1020.69	102.78	1025.85	4.00	-4.00	0.00	MWD
4022.52	26.72	5.75	3656.00	1030.92	103.81	1036.14	4.00	-4.00	0.00	Entry Point
4100.00	23.62	5.75	3726.11	1063.70	107.11	1069.08	4.00	-4.00	0.00	MWD
4200.00	19.62	5.75	3819.06	1100.35	110.80	1105.92	4.00	-4.00	0.00	MWD
4300.00	15.62	5.75	3914.35	1130.46	113.83	1136.18	4.00	-4.00	0.00	MWD
4400.00	11.62	5.75	4011.52	1153.88	116.19	1159.72	4.00	-4.00	0.00	MWD
4500.00	7.62	5.75	4110.09	1170.51	117.86	1176.43	4.00	-4.00	0.00	MWD
4600.00	3.62	5.75	4209.59	1180.25	118.84	1186.21	4.00	-4.00	0.00	MWD
4690.47	0.00	5.75	4300.00	1183.09	119.13	1189.07	4.00	-4.00	0.00	End Drop
4700.00	0.00	5.75	4309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
4800.00	0.00	5.75	4409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
4900.00	0.00	5.75	4509.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5000.00	0.00	5.75	4609.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5100.00	0.00	5.75	4709.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5200.00	0.00	5.75	4809.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5300.00	0.00	5.75	4909.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5400.00	0.00	5.75	5009.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5403.47	0.00	5.75	5013.00	1183.09	119.13	1189.07	0.00	0.00	0.00	Mesaverde

# Weatherford International

## Planning Report

<b>Company:</b> Enduring Resources	<b>Date:</b> 3/22/2006	<b>Time:</b> 14:35:59	<b>Page:</b> 4
<b>Field:</b> Uintah, Utah	<b>Co-ordinate(N/E) Reference:</b> Well: Rock House 11-23-21-2, True North		
<b>Site:</b> SE/NW 2-11S-23E	<b>Vertical (TVD) Reference:</b> SITE 5458.0		
<b>Well:</b> Rock House 11-23-21-2	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,5.75Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b> Plan #1		

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5500.00	0.00	5.75	5109.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5600.00	0.00	5.75	5209.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5700.00	0.00	5.75	5309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5800.00	0.00	5.75	5409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
5900.00	0.00	5.75	5509.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6000.00	0.00	5.75	5609.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6100.00	0.00	5.75	5709.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6200.00	0.00	5.75	5809.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6300.00	0.00	5.75	5909.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6400.00	0.00	5.75	6009.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6500.00	0.00	5.75	6109.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6600.00	0.00	5.75	6209.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6700.00	0.00	5.75	6309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6800.00	0.00	5.75	6409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
6900.00	0.00	5.75	6509.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7000.00	0.00	5.75	6609.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7100.00	0.00	5.75	6709.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7200.00	0.00	5.75	6809.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7300.00	0.00	5.75	6909.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7400.00	0.00	5.75	7009.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7500.00	0.00	5.75	7109.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7598.47	0.00	5.75	7208.00	1183.09	119.13	1189.07	0.00	0.00	0.00	Buck Tongue
7600.00	0.00	5.75	7209.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7700.00	0.00	5.75	7309.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7800.00	0.00	5.75	7409.53	1183.09	119.13	1189.07	0.00	0.00	0.00	MWD
7870.47	0.00	5.75	7480.00	1183.09	119.13	1189.07	0.00	0.00	0.00	TD

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →		← Longitude →	
							Deg	Min Sec	Deg	Min Sec
Target		7480.00	1183.09	119.13	7137897.63	2254005.92	39	53 41.043 N	109	18 46.141 W
	-Rectangle (400x400)									
	-Plan hit target									

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2012.00	2012.00	8.625	12.250	8 5/8" Surface

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
248.00	248.00	Green River		0.00	0.00
3391.33	3168.00	Wasatch		0.00	0.00
5403.47	5013.00	Mesaverde		0.00	0.00
7598.47	7208.00	Buck Tongue		0.00	0.00

### Annotation

MD ft	TVD ft	
2072.00	2072.00	SHL (2442 FNL & 1876 FWL)
3015.20	2912.25	KOP
		End Build

# Weatherford International

## Planning Report

**Company:** Enduring Resources  
**Field:** Uintah, Utah  
**Site:** SE/NW 2-11S-23E  
**Well:** Rock House 11-23-21-2  
**Wellpath:** 1

**Date:** 3/22/2006  
**Co-ordinate(NE) Reference:** Well: Rock House 11-23-21-2, True North  
**Vertical (TVD) Reference:** SITE 5458.0  
**Section (VS) Reference:** Well (0.00N,0.00E,5.75Azi)  
**Plan:** Plan #1

**Page:** 5

### Annotation

MD ft	TVD ft	
3511.47	3249.69	Start Drop
4022.52	3656.00	Entry Point
4690.47	4300.00	End Drop
7870.47	7480.00	TD

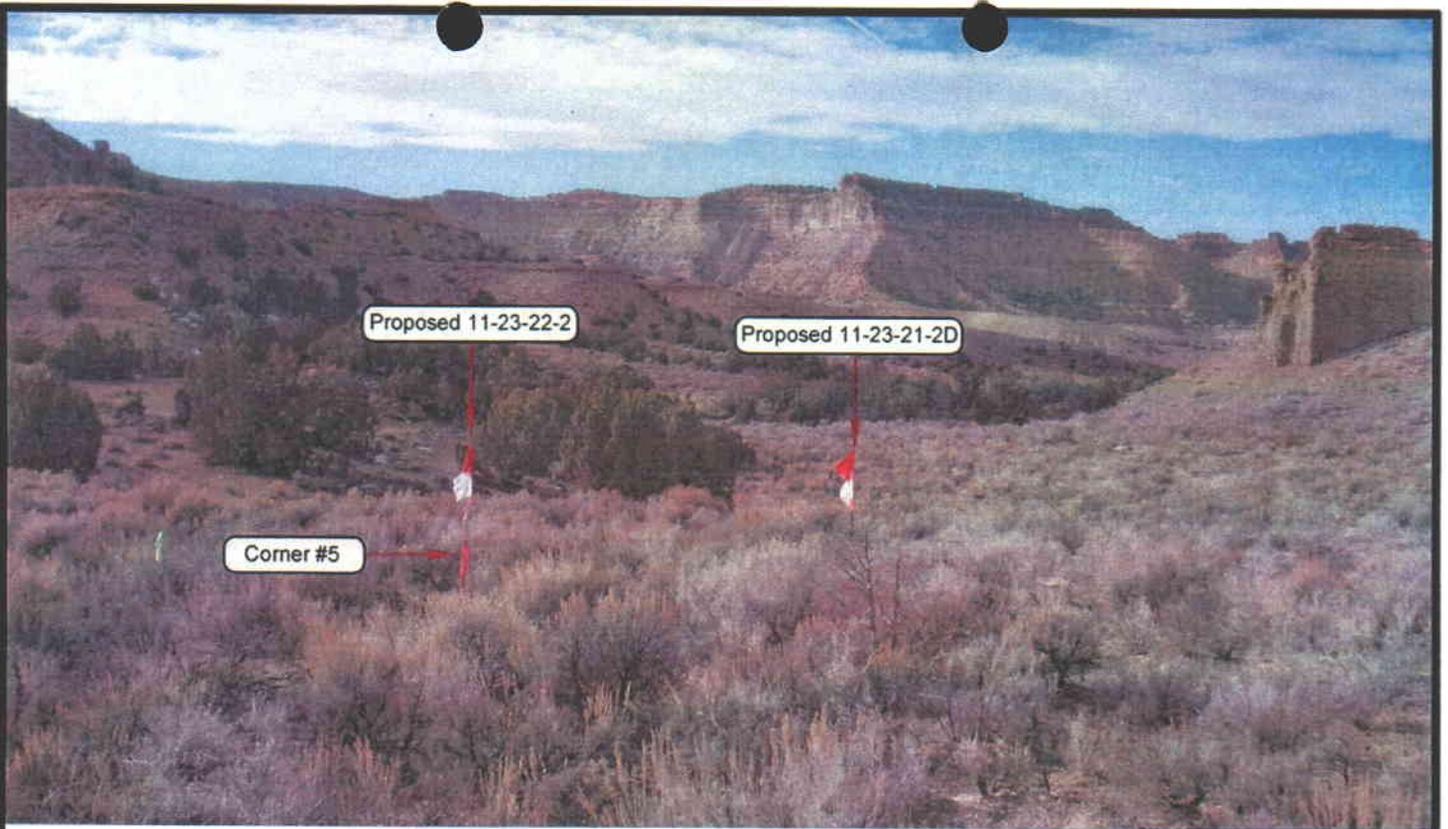


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY

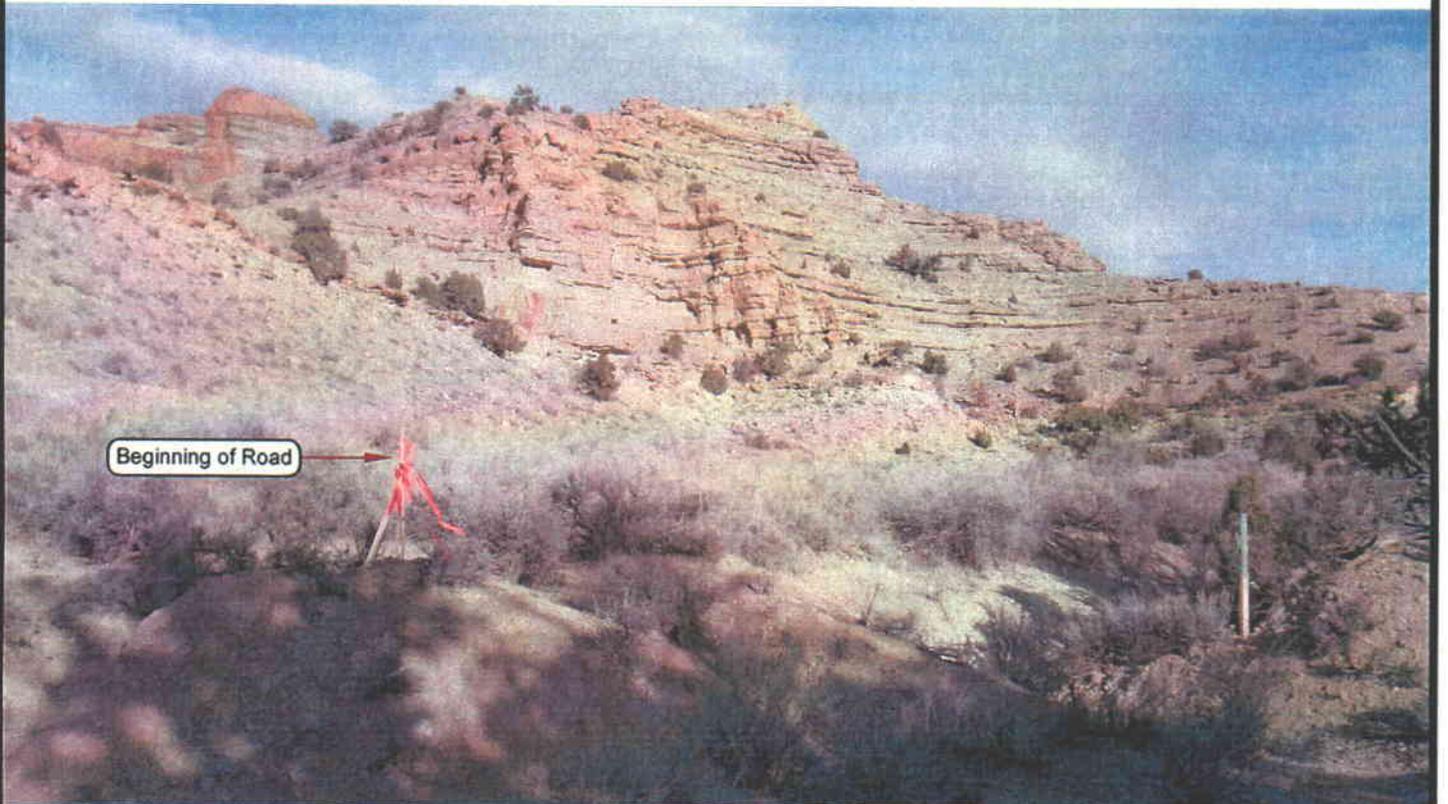


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

**ENDURING RESOURCES**

**Rock House 11-23-22-2  
& Rock House 11-23-21-2D  
SECTION 2, T11S, R23E, S.L.B.&M.  
2468' FNL & 1877' FWL**

**LOCATION PHOTOS**

TAKEN BY: D.J.S.

DRAWN BY: M.W.W.

REVISED:

DATE TAKEN: 12-20-05

DATE DRAWN: 01-16-06

**Timberline Land Surveying, Inc.**

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

**SHEET**

**1**

**OF 11**

# ENDURING RESOURCES

## WELL PAD INTERFERENCE PLAT ROCK HOUSE 11-23-22-2 & ROCK HOUSE 11-23-21-2D



BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 2, T11S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°01'13"E.

**SURFACE POSITION FOOTAGES:**

ROCK HOUSE 11-23-22-2  
2468' FNL' & 1877' FWL

ROCK HOUSE 11-23-21-2D  
2442' FNL & 1876' FWL

**BOTTOM HOLE FOOTAGES**

ROCK HOUSE 11-23-22-2  
VERTICAL

ROCK HOUSE 11-23-21-2D  
1260' FNL & 1996' FWL

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 marked on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.

PROPOSED GRADED GROUND  
ELEVATION OF PAD IS 5432.2'

N05°44'45"E - 1189.07'  
(To Bottom Hole)

S01°02'56"E

Vertical Well

● ROCK HOUSE 11-23-21-2D

● ROCK HOUSE 11-23-22-2

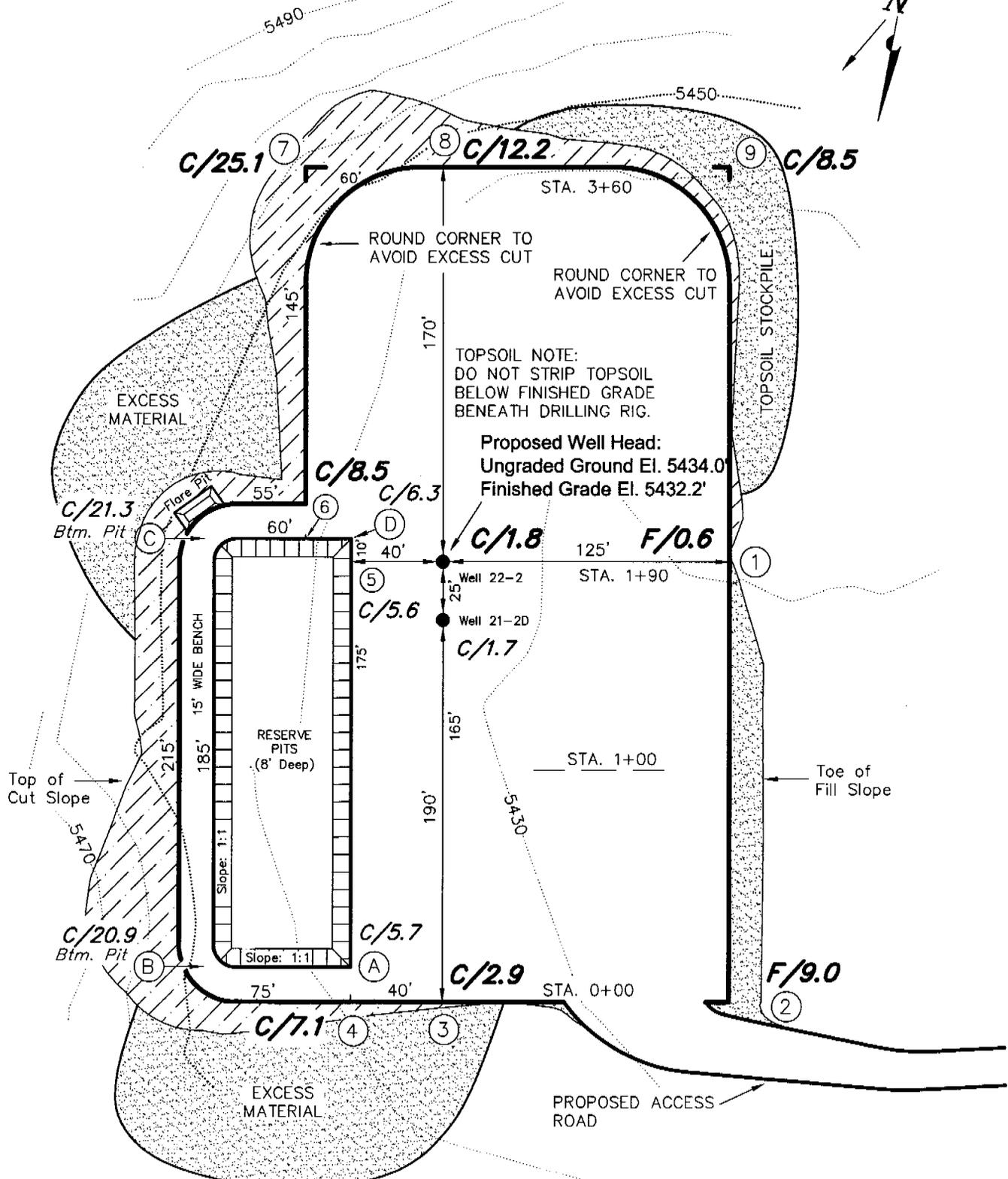
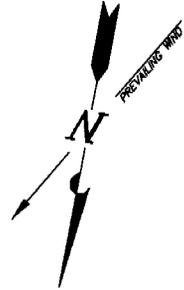
RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
22-2	VERTICAL	
21-2D	1,183'	119'

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomus		
WELL	N. LATITUDE	W. LONGITUDE
22-2	39°53'29.10"	109°18'47.67"
21-2D	39°53'29.35"	109°18'47.67"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomus		
WELL	N. LATITUDE	W. LONGITUDE
22-2	VERTICAL	
21-2D	39°53'41.04"	109°18'46.14"

# ENDURING RESOURCES

## CUT SHEET - ROCK HOUSE 11-23-22-2 & ROCK HOUSE 11-23-21-2D

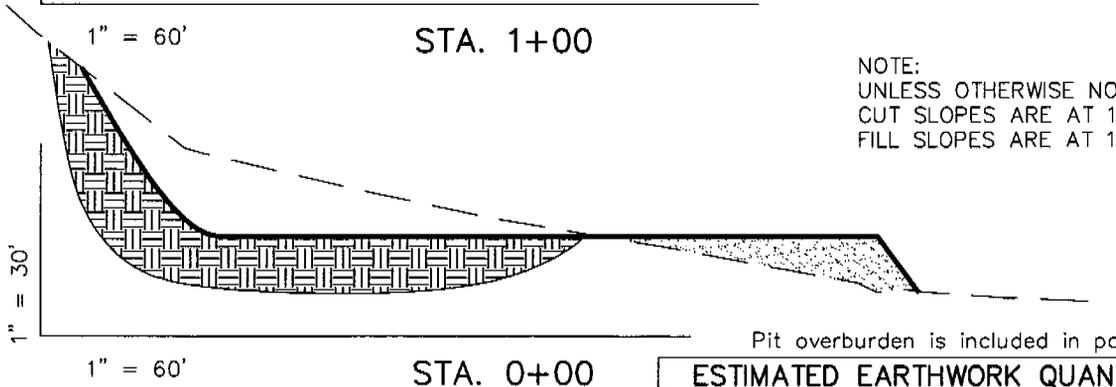
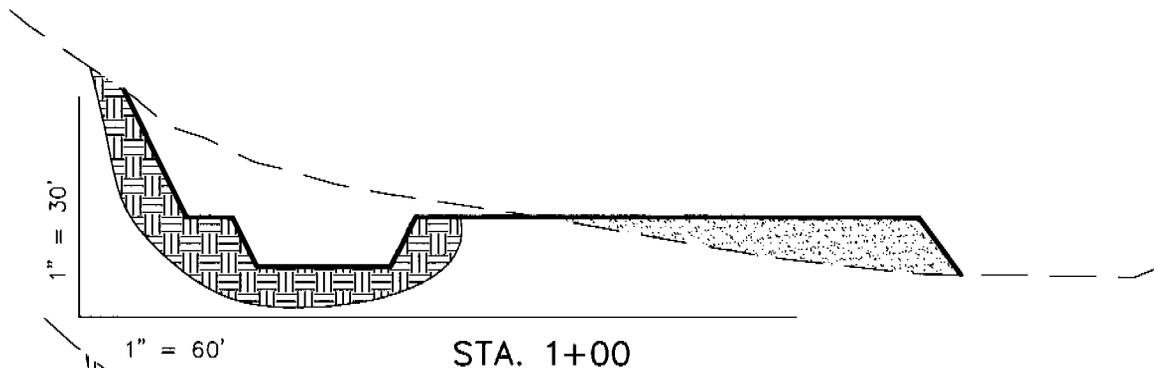
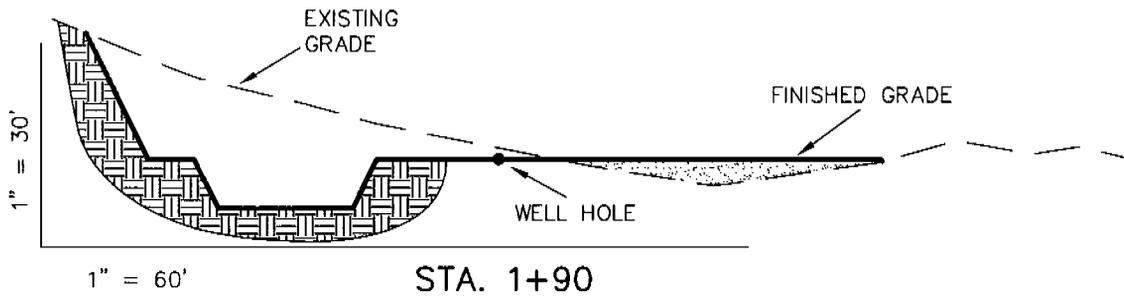
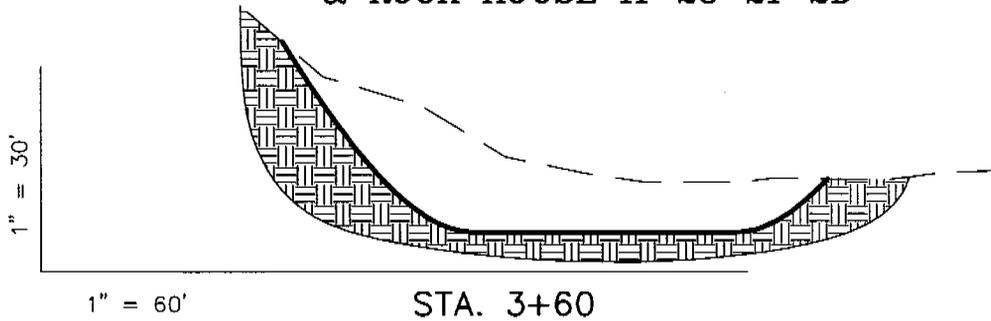


CONTOUR INTERVAL = 10'

Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SE NW		Footage Location: 2468' FNL & 1877' FWL	
Date Surveyed: 12-20-05	Date Drawn: 01-12-06	Date Last Revision:		<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'			4
					OF 11

# ENDURING RESOURCES

## CROSS SECTIONS - ROCK HOUSE 11-23-22-2 & ROCK HOUSE 11-23-21-2D



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

Pit overburden is included in pad cut.

### REFERENCE POINTS

- 240' NORTHERLY = 5437.4'
- 290' NORTHERLY = 5451.5'
- 175' WESTERLY = 5432.9'
- 225' WESTERLY = 5429.8'

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

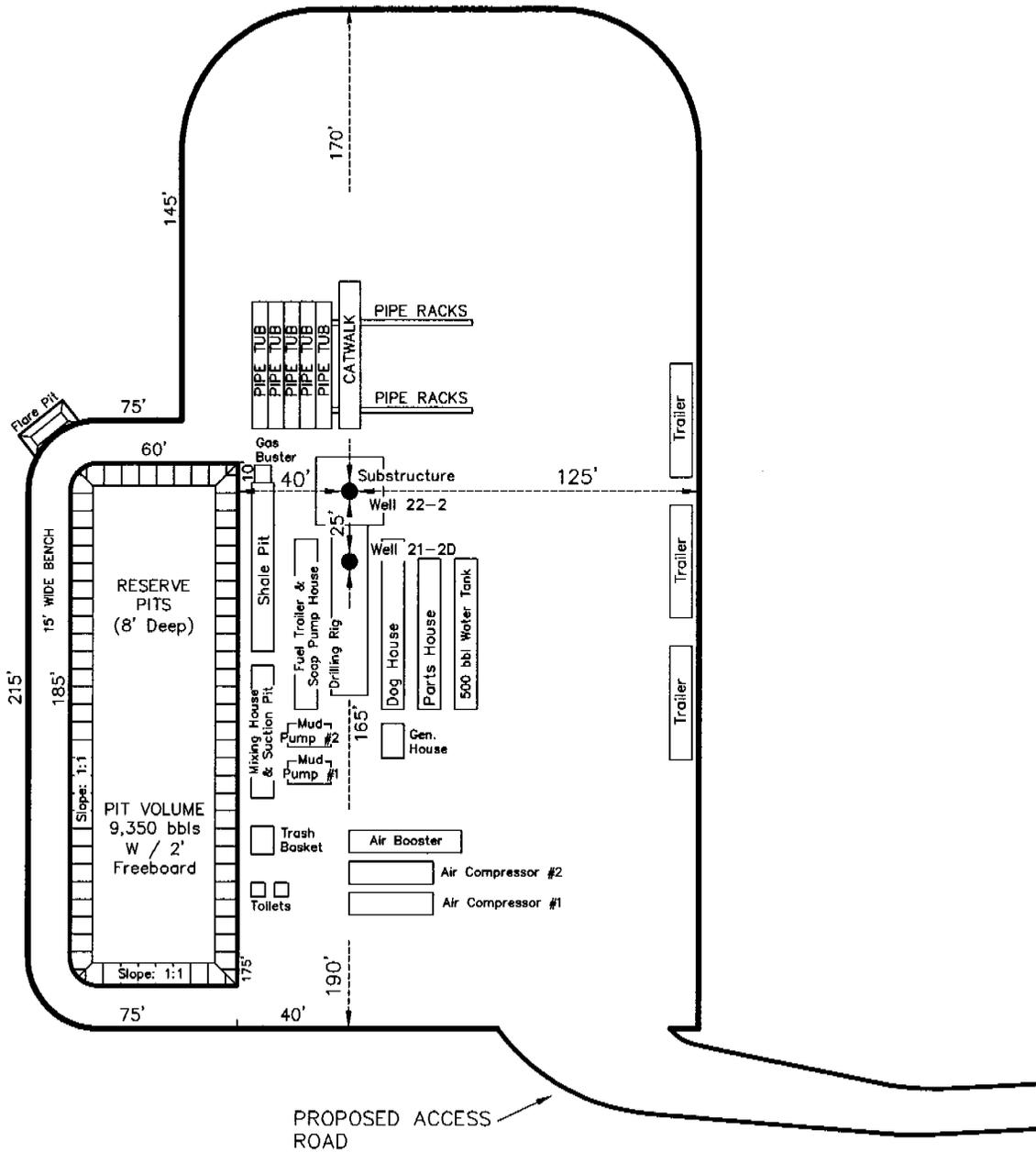
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	14,210	4,990	Topsoil is not included in Pad Cut	9,220
PIT	2,340	0		2,340
<b>TOTALS</b>	<b>16,550</b>	<b>4,990</b>	<b>1,340</b>	<b>11,560</b>

Excess Material after Pit Rehabilitation = 10,390 Cu. Yds.

Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SE NW	Footage Location: 2468' FNL & 1877' FWL
Date Surveyed: 12-20-05	Date Drawn: 01-12-06	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	

# ENDURING RESOURCES

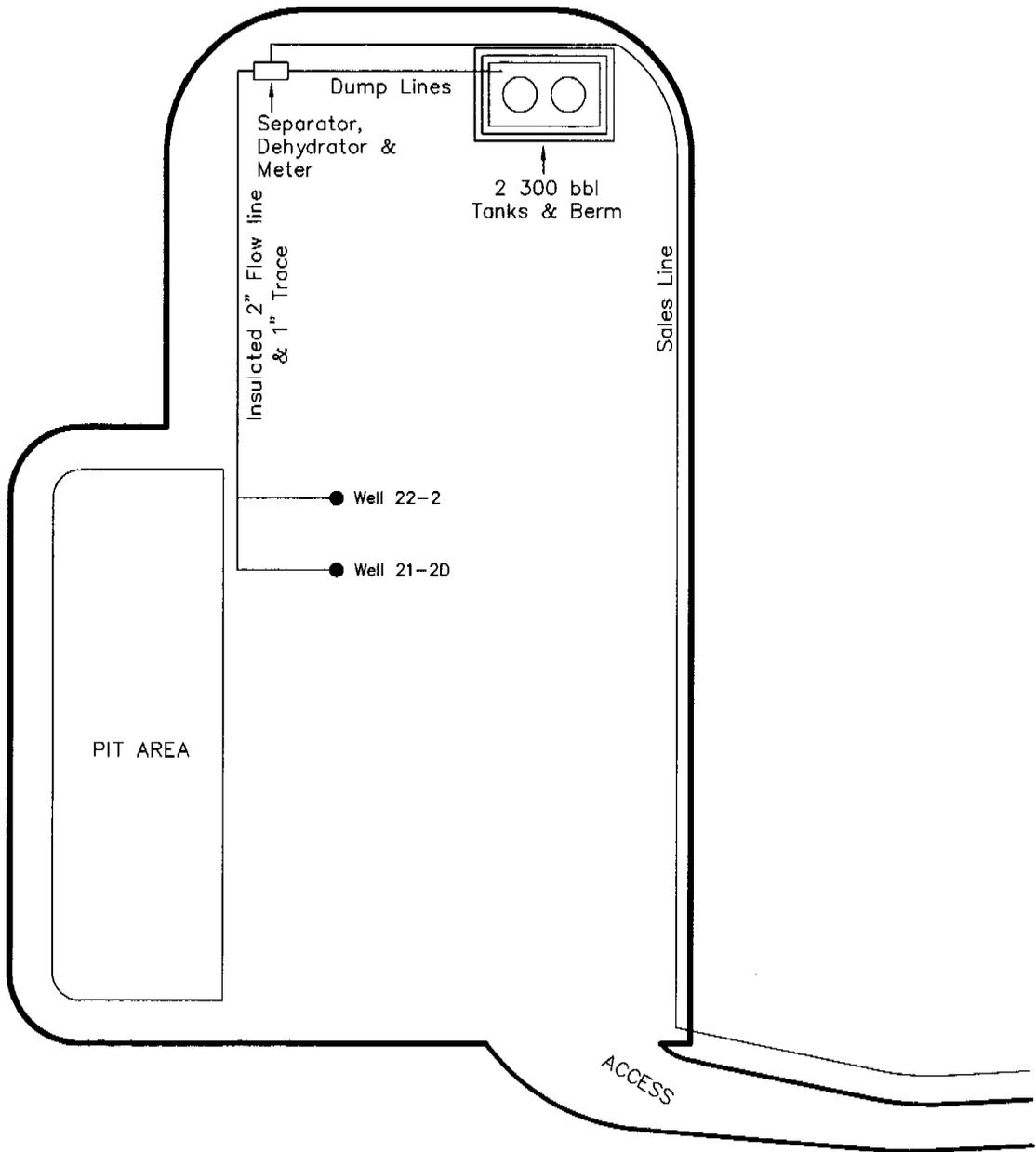
## TYPICAL RIG LAYOUT – ROCK HOUSE 11-23-22-2 & ROCK HOUSE 11-23-21-2D



Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SE NW		Footage Location: 2468' FNL & 1877' FWL	
Date Surveyed: 12-20-05	Date Drawn: 01-12-06	Date Last Revision:		<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078	<b>SHEET</b> <b>6</b> <b>OF 11</b>
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'			

# ENDURING RESOURCES

## TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 11-23-22-2 & ROCK HOUSE 11-23-21-2D



Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SE NW	Footage Location: 2468' FNL & 1877' FWL
Date Surveyed: 12-20-05	Date Drawn: 01-12-06	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	



See Topo "B"

Proposed Well Location:  
Rock House 11-23-21-2

**LEGEND**

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

<b>TOPOGRAPHIC MAP "A"</b>		DATE SURVEYED: 12-20-05
SCALE: 1"=10,000'	DRAWN BY: M.W.W.	DATE DRAWN: 01-13-06
		REVISED: 04-21-06

**ENDURING RESOURCES**

**Rock House 11-23-21-2D**  
**SECTION 2, T11S, R23E, S.L.B.&M.**  
**Surface Location: 2442' FNL & 1876' FWL**  
**Bottom Hole: 1260' FNL & 1996' FWL**

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

**SHEET**  
**8**  
**OF 11**



**LEGEND**

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

**ENDURING RESOURCES**

**Rock House 11-23-21-2D**  
**SECTION 2, T11S, R23E, S.L.B.&M.**  
**Surface Location: 2442' FNL & 1876' FWL**  
**Bottom Hole: 1260' FNL & 1996' FWL**

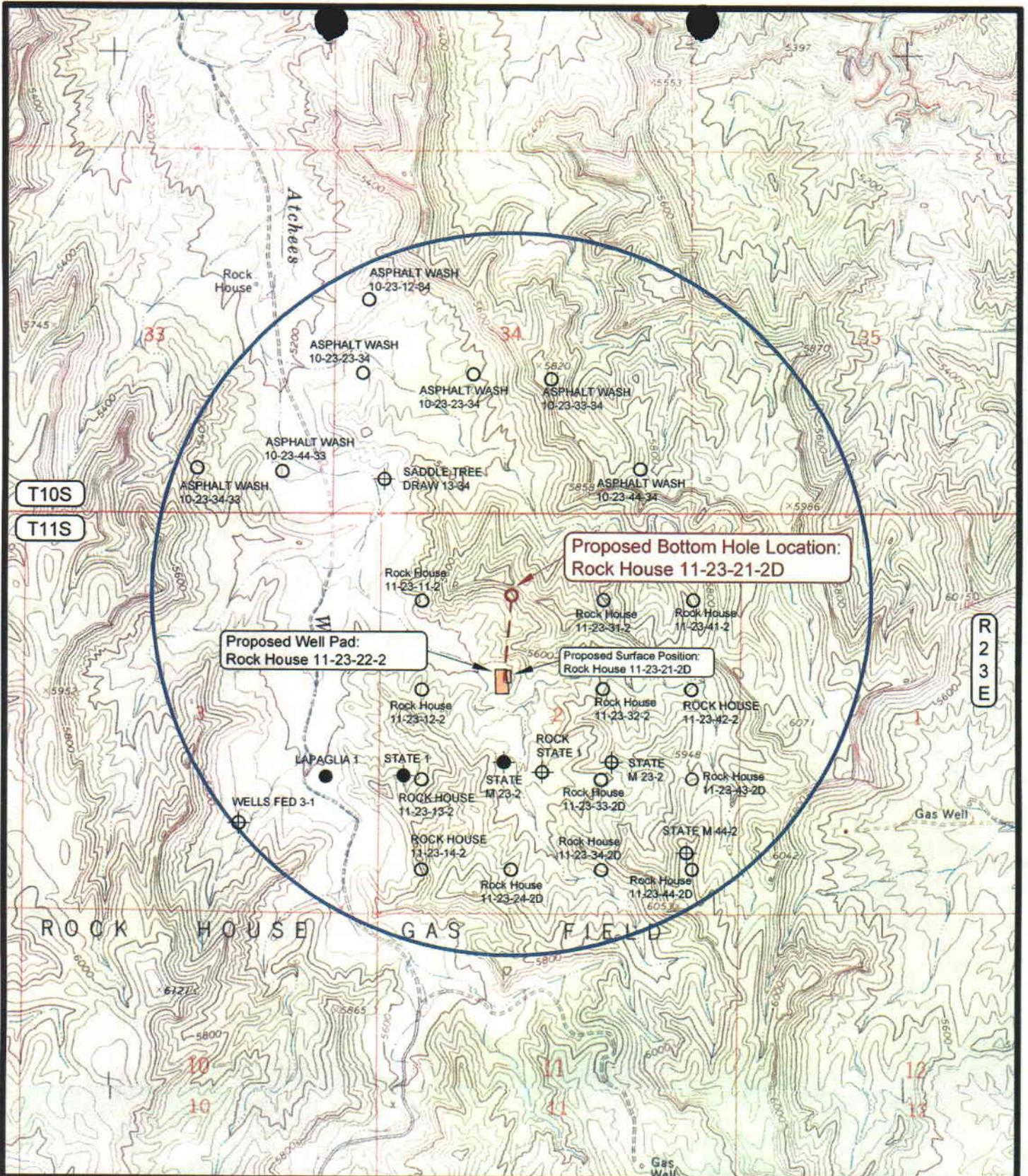
**TOPOGRAPHIC MAP "B"**

DATE SURVEYED: 12-20-05  
 DATE DRAWN: 01-13-06  
 REVISED: 04-21-06

SCALE: 1" = 2000' DRAWN BY: M.W.W.

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

**SHEET**  
**9**  
**OF 11**



**LEGEND**

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

**ENDURING RESOURCES**

**ROCK HOUSE 11-23-21-2D**  
**SECTION 2, T11S, R23E, S.L.B.&M.**  
**Bottom Hole: 1260' FNL & 1996' FWL**

**TOPOGRAPHIC MAP "C"**

DATE SURVEYED: 12-20-05

DATE DRAWN: 01-16-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

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

**SHEET**  
**10b**  
**OF 11**



**APPROXIMATE PIPELINE LENGTH = 325 Feet**

**LEGEND**

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



**ENDURING RESOURCES**

**Rock House 11-23-21-2D**  
**SECTION 2, T11S, R23E, S.L.B.&M.**  
**Surface Location: 2442' FNL & 1876' FWL**  
**Bottom Hole: 1260' FNL & 1996' FWL**

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

**SHEET**  
**11**  
**OF 11**

**TOPOGRAPHIC MAP "D"**

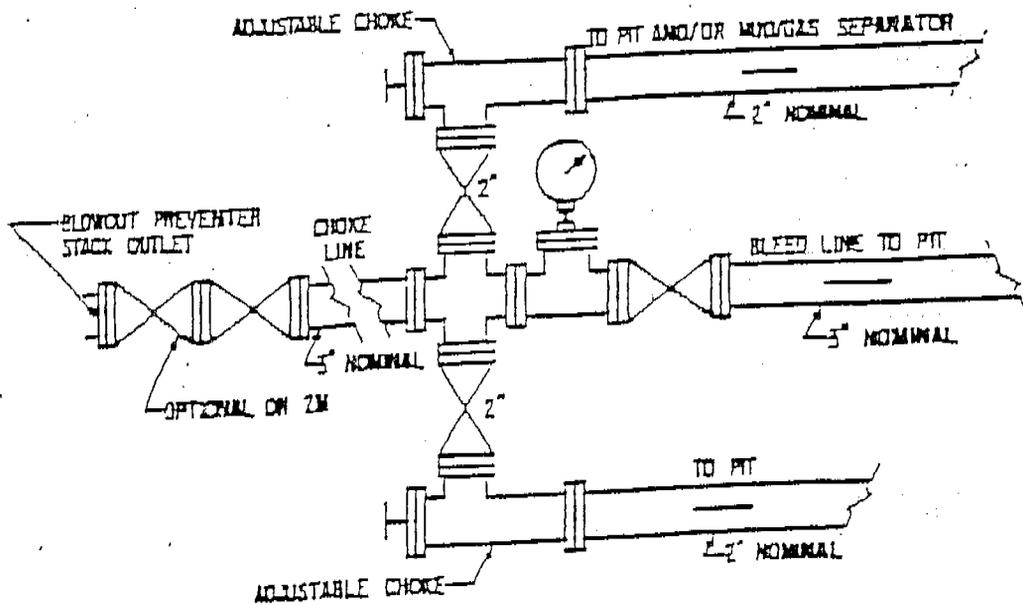
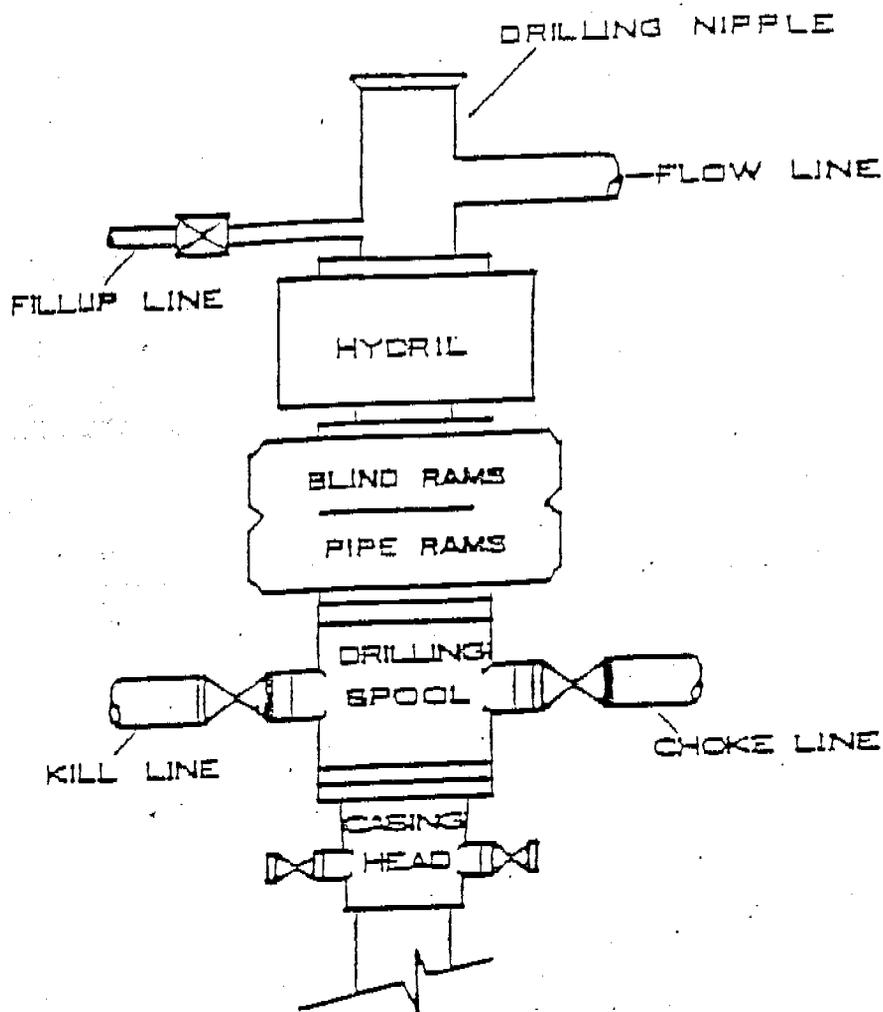
DATE SURVEYED: 12-20-05  
 DATE DRAWN: 01-16-06  
 REVISED: 04-21-06

SCALE: 1" = 1000'

DRAWN BY: M.W.W.

3,000 PSI

BOP STACK



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/25/2006

API NO. ASSIGNED: 43-047-38032

WELL NAME: ROCK HOUSE 11-23-21-2

OPERATOR: ENDURING RESOURCES, LLC ( N2750 )

PHONE NUMBER: 303-350-5114

CONTACT: AL ARLIAN

PROPOSED LOCATION:

SENW 02 110S 230E

SURFACE: 2442 FNL 1876 FWL

*NEW* BOTTOM: 1260 FNL 1996 FWL

COUNTY: UINTAH

LATITUDE: 39.89151 LONGITUDE: -109.3125

UTM SURF EASTINGS: 644277 NORTHINGS: 4416869

FIELD NAME: ROCK HOUSE ( 670 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>DLO</i>	<i>4/17/06</i>
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47087

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. 49-2215 )
- 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: 210-3(B)  
Eff Date: 2-24-99  
Siting: 460' fr u ldr & 920' fr other wells.
- R649-3-11. Directional Drill

COMMENTS: Needs Permit (3-31-06)

STIPULATIONS: 1- STATEMENT OF BASIS  
2- Surface Csg Cont Stop

ATCHEE  
WASH 33-9

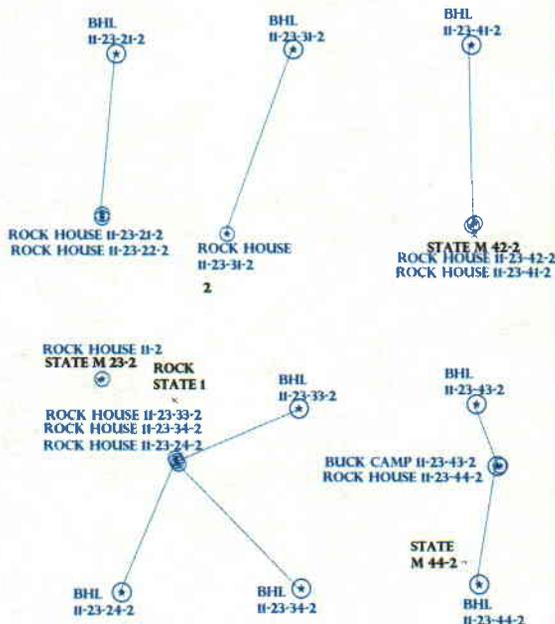
ASPHALT WASH  
10-23-44-33

SADDLE TREE  
DRAW 23-34

T10S R23E

T11S R23E

### ROCK HOUSE FIELD

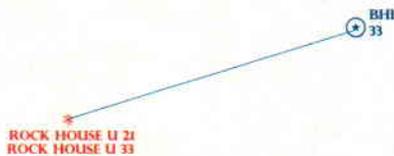


LAPAGLIA 1

STATE 1

ROCK  
HOUSE  
U 27

### ROCK HOUSE UNIT



OPERATOR: ENDURING RES LLC (N2750)

SEC: 2 T. 11S R. 23E

FIELD: ROCK HOUSE (670)

COUNTY: Uintah

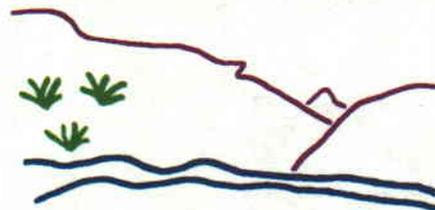
SPACING: R649-3-11 / DIRECTIONAL DRILLING

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 28-APRIL-2006

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

**OPERATOR:** ENDURING RESOURCES, LLC  
**WELL NAME & NUMBER:** ROCK HOUSE 11-23-21-2 (NOTE: This is a directional well planned of the same pad as the Rock House 11-23-22-2, a vertical well.)  
**API NUMBER:** 43-047-38032  
**LOCATION:** 1/4,1/4 SE/NW Sec: 2 TWP: 11S RNG: 23E 2442' FNL 1876 FWL

**Geology/Ground Water:**

Enduring proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,700 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:** 04-27-06

**Surface:**

The predrill investigation of the surface was performed on March 30, 2006. The Rock House 11-23-22-2 (a vertical well will also be drilled from this location. The surface and minerals are both owned by SITLA. Jim Davis represented SITLA at the presite. Mr. Davis expressed concern about constructing the access road in the bottom of the draw or wash to this location and continuing on to other locations planned farther up the draw. It was agreed that less disturbance and impact would occur to the landscape by following the bottom of the wash rather than constructing the road on the often-steep side hills and crossing frequent draws. Enduring recognized the road might require maintenance following each intense summer rainstorm. Roads in the general area commonly follow the flat bottom of the washes. Other than this, he had no concerns regarding the construction of this location or the drilling of this well. Approximately one-half mile of access road will be constructed to immediately below this location. An additional 375 feet will be constructed up a side draw to reach the small basin where the location is situated. The location has been moved to the northwest from the preferred location into a small basin to avoid a steep side hill. Small ravines or washes from the east will be intersected by the construction of the pad and reserve pit. No diversion is needed at least until the reserve pit is closed.

**Reviewer:** Floyd Bartlett **Date:** 03/31/2006

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

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

**OPERATOR:** ENDURING RESOURCES, LLC

**WELL NAME & NUMBER:** ROCK HOUSE 11-23-21-2 (NOTE: This is a directional well planned on the same pad as the Rock House 11-23-22-2, a vertical well.)

**API NUMBER:** 43-047-38032

**LEASE:** ML-47078 **FIELD/UNIT:** UNDESIGNATED

**LOCATION:** 1/4, 1/4 SE/NW Sec: 2 TWP: 11S RNG: 23E 2442' FNL 1876 FWL

**LEGAL WELL SITING:** 460' from unit boundaries and 920' from another well.

**GPS COORD (UTM):** 644 E 4416 N **SURFACE OWNER:** STATE OF UTAH (SITLA)

**PARTICIPANTS**

Floyd Bartlett (DOGM), Douglas Hammond (Enduring Resources) Mike Stewart (Ponderosa Construction), Jim Davis (SITLA), Colby Kay (Timberline Land Surveying, Inc.)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

The proposed Rock House 11-23-21-2D well lies in the head of a small basin in a first order wash of Atchee Wash. It drains and slopes moderately toward the west to Atchee Wash. This small basin is surrounded on the north and northeast by steep side hills forming vertical ledges near the top. A lower, more gentle ridge lies to the south. The drainage is open to the west to Atchee Wash. The location has been moved as far to the northwest as it can to take advantage of the small basin and while staying within the drilling window. The location is intercepted by several small draws on the north and east sides. The bottom of Atchee Wash is approximately 1/6 mile west of the proposed location.

Atchee Wash is an ephemeral wash only flowing during the spring runoff and intense summer rainstorms. The White River is approximately 3 miles downstream to the north. No springs or seeps are known in the area. The location is approximately 14 miles south west of Bonanza Ut, and approximately 67 miles southwest of Vernal, UT. Access from Bonanza is by State Highway then Uintah County roads 26.9 miles to Atchee Wash, then north down Atchee Wash 6.6 miles to where a new road is planned to the 11-23-41 and 42 wells. From this well 375 feet of additional new access road is planned. The proposed road primarily follows the narrow bottom of a wash, which continues south to the divide. This road may require heavy maintenance to remove alluvial deposits from summer storms, but is probably less impact on the landscape than constructing a route on the side hills out of the bottom of the wash.

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 drainages of Atchee and Asphalt Washes are broad somewhat gentle alluvial washes, which are dry except for spring runoff and sometimes-intense summer rainstorms.

## SURFACE USE PLAN

CURRENT SURFACE USE: wildlife and domestic sheep grazing and hunting.

PROPOSED SURFACE DISTURBANCE: Approximately 0.5 miles of access road, which will continue to other proposed wells and 375 feet of additional access road to this location. Construction of a well location 385'x 165' plus a reserve pit and soil stockpile storage outside the described area.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Approximately 325 feet of pipeline will follow access road and tie in with the pipeline serving other wells planned in the area.

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: Unlikely. Oilfield activity is common in the area and is the dominant use. The area is very isolated from general travel.

### 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: Poorly vegetated pinion juniper site. Greasewood, big sagebrush, broom snakeweed, curly mesquite and prickly pear also occur. Pronghorn, rodents, songbirds, raptors, elk, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: Moderately deep shaley sandy loam surface. Sub-surface sandstone and shale bedrock is expected to occur.

EROSION/SEDIMENTATION/STABILITY: Small rills or ravines intersect the location from the east and will be intercepted by the spoils. After the reserve pit is closed a diversion may be needed to keep flow from the location. No stability problems are anticipated with the construction and operation of the location.

PALEONTOLOGICAL POTENTIAL: None expected or observed.

**RESERVE PIT**

CHARACTERISTICS: 185' by 60' and 8' deep. The reserve pit is planned in an area of cut on the north east corner of the location. The reserve pit is 25 feet longer than normal to serve the twin well that is planned. No stabilization problems are expected.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Sensitivity score is 30 and a rating Level II.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per landowner agreement with SITLA.

SURFACE AGREEMENT: In place.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed on 02-22-2006 by MOAC and will be furnished for the well file.

**OTHER OBSERVATIONS/COMMENTS**

Jim Davis from SITLA expressed concern about constructing the access road in the bottom of the drainage to this location and other locations planned farther up the draw. It was agreed that less disturbance and impact would occur to the landscape by following the bottom of the wash rather than constructing on the often-steep side hills and crossing frequent draws. Enduring recognized the road might require maintenance following each intense summer rainstorm. Roads in the general area commonly follow the flat bottom of the washes.

**ATTACHMENTS**

Photos of site have been taken and placed on file.

Floyd Bartlett  
DOGM REPRESENTATIVE

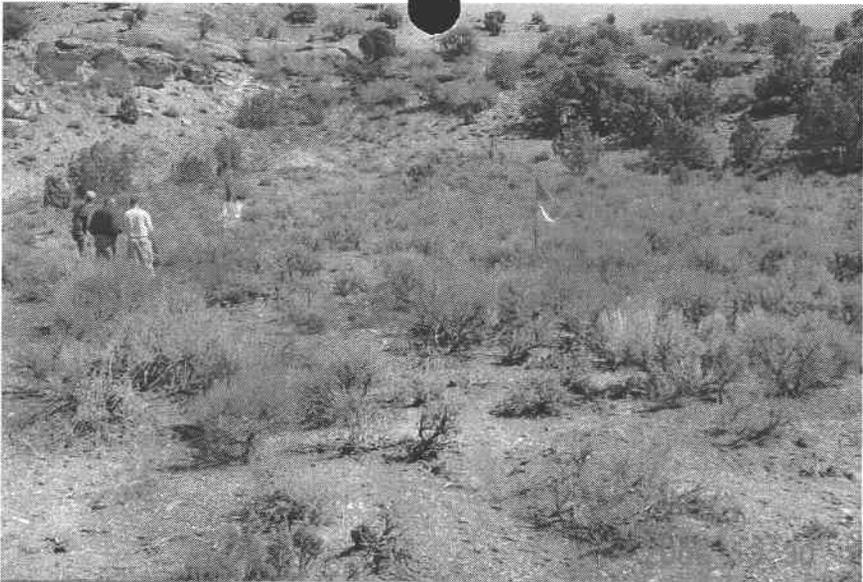
03/30/2006 12:30 PM  
DATE/TIME

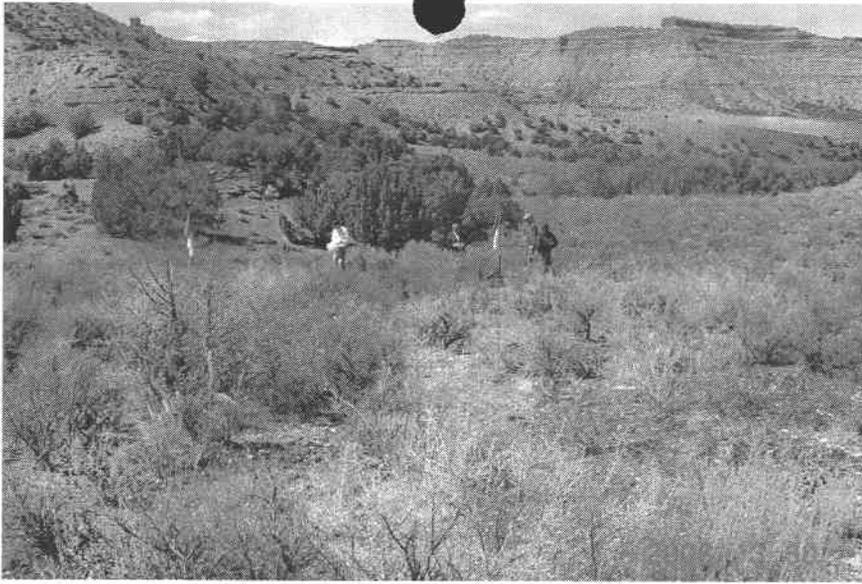
**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<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>10</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</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**      30      (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.





Casing Schematic

BHP  
 $0.052(7480)9.8 = 3812 \text{ psi}$   
 anticipate 3890 psi

Gas  
 $(.12)(7480) = 898$   
 $3812 \rightarrow 2914 \text{ psi}$   
 MASP  
 8-5/8"  
 MW 8.4  
 Frac 19.3

BOPE = 3M ✓

Burst 2950  
 $70\% = 2065 \text{ psi}$

Max P @ CSG shoe  
 $(.22) 5464 = 1202$   
 $3812 \rightarrow 2610 \text{ psi}$

test to 2065 psi ✓

⇒ slip surf cont ✓

✓ Adequate  
 DUD 11/17/06

4-1/2"  
 MW 9.8

Surface

127'

181'

Uinta  
 Green River

248'

TOC @ to surface w/4% wk  
 766.

x slip ✓

1707' TOC tail

Surface  
 2016. MD  
 2016. TVD

TOC @  
 2617.

3168' Wasatch

3595' TOC tail

4700' ± BMSW

5013' Mesaverde

Production  
 7870. MD  
 7480. TVD

Well name:

**2006-10 Enduring Rock House 11-23-21-2**

Operator: **Enduring Resource, LLC**

String type: **Surface**

Project ID:

43-047-38032

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: 766 ft

**Burst**

Max anticipated surface pressure: 1,763 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,005 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: 7,480 ft ✓  
Next mud weight: 9.800 ppg  
Next setting BHP: 3,808 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,003 ft  
Injection pressure: 2,003 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	720.9
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 ✓	2005	2950	1.47 ✓	42	244	5.77 J ✓

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: November 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.*

Well name:

**2006-10 Enduring Rock House 11-23-21-2**

Operator: **Enduring Resource, LLC**

String type: **Production**

Project ID:  
43-047-38032

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: 180 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 2,617 ft

**Burst**

Max anticipated surface pressure: 2,162 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 3,808 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 2072 ft  
Departure at shoe: 1189 ft  
Maximum dogleg: 5 °/100ft  
Inclination at shoe: 0 °

Tension is based on buoyed weight.  
Neutral point: 6,774 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 (ft³)
1	7870	4.5	11.60	N-80	LT&C	7480	7870	3.875	686.8
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	3808	6350	1.668 ✓	3808	7780	2.04 ✓	74	223	3.01 J ✓

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: November 2, 2006  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7480 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.*

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 5/24/2006 9:24:01 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 12-22-33-2  
Rock House 11-23-24-2  
Rock House 11-23-33-2  
Rock House 11-23-34-2  
Rock House 11-23-41-2  
Rock House 11-23-31-2  
Rock House 11-23-43-2  
Rock House 11-23-21-2  
Rock House 11-23-44-2

EOG Resources, Inc  
Petes Wash 10-36

Gasco Production Company  
Uteland State 34-2-10-18  
Uteland State 14-2-10-18

Kerr McGee Oil & Gas Onshore LP  
NBU 921-32I  
NBU 921-32J  
NBU 921-32K (1 significant site which must be avoided,  
operator must follow recommendation of arch consultant)

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

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



**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*

November 20, 2006

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

Re: Rock House 11-23-21-2 Well, 2442' FNL, 1876' FWL, SE NW, Sec. 2,  
T. 11 South, R. 23 East, Bottom Location 1260' FNL, 1996' FWL, NE NW,  
Sec. 2, T. 11 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 43-047-38032.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor (via e-mail)  
SITLA

**Operator:** Enduring Resources, LLC

**Well Name & Number** Rock House 11-23-21-2

**API Number:** 43-047-38032

**Lease:** ML-47087

**Location:** SE NW **Sec. 2** **T. 11 South** **R. 23 East**

**Bottom Location:** NE NW **Sec. 2** **T. 11 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.

Page 2  
43-047-38032  
November 20, 2006

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.

CONFIDENTIAL

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: ENDURING RESOURCES, LLC

Well Name: ROCK HOUSE 11-23-21-2

Api No: 43-047-38032 Lease Type: STATE

Section 02 Township 11S Range 23E County UINTAH

Drilling Contractor PETE MARTIN RIG # BUCKET

**SPUDDED:**

Date 05/02/07

Time 12:00 NOON

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DOUG HAMMOND

Telephone # (435) 781-0172

Date 05/02/07 Signed CHD

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

FORM 6

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
4304737867	Rock House 11-23-22-2	SENW	2	11S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	16074	5/2/2007		5/10/07	
Comments: <u>MVRD</u>						CONFIDENTIAL

Well 2

*BH2*

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738032	Rock House 11-23-21-2	NENW	2	11S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	16075	5/2/2007		5/10/07	
Comments: <u>MVRD</u> Surface Location is in the SENW of Sec. 2-11S-23E.						CONFIDENTIAL

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud 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)

Signature

Landman-Regulatory

Title

5/3/2007

Date

Well	API number	Drilling Commenced
Archy Bench 11-22-22-2 drlg/wcr	4304736786	03/14/2007
Rock House 11-23-21-2 drlg/wcr	4304738032	05/02/2007
Rock House 11-23-22-2 drlg/wcr	4304737867	05/02/2007
Hanging Rock 11-23-43-36 drlg/wcr	4304738282	05/03/2007

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC

Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
Bonanza 9-24-24-27 drlg/wcr	4304735923	02/05/2005
Bonanza 9-25-13-20 drlg/wcr	4304735929	08/06/2005
Southman Cyn 10-24-13-30 drlg/wcr	4304736238	12/30/2006
Rock House 11-23-42-2 drlg/wcr	4304737865	01/25/2007
Rock House 11-23-41-2 drlg/wcr	4304738033	01/25/2007
Bonanza 9-24-11-17 drlg/wcr	4304736017	01/30/2007
Rainbow 11-24-21-20 drlg/wcr	4304737567	02/07/2007
Archy Bench 11-22-12-2 drlg/wcr	4304736793	03/14/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

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

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

**CONFIDENTIAL**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-47087</b>
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: <b>n/a</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>n/a</b>
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>		8. WELL NAME and NUMBER: <b>Rock House 11-23-21-2</b>
3. ADDRESS OF OPERATOR: <b>475 17th Street, Suite 1500</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>4304738032</b>
PHONE NUMBER: <b>(303) 350-5114</b>		10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: <b>2442' FNL - 1876' FWL</b> (BHL <b>1260' FNL - 1996' FWL</b> )		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 2 11S 23E S</b>		STATE: <b>UTAH</b>

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>9/27/2007</u>	<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"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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>Well Status Report</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.

**BHL is NENW 2-11S-23E.**

Conductor has been set to 40' and pilot hole drilled to 500'.

This well is a directional well to be drilled from a existing producing well pad.

Currently we do not have a drilling rig under contract that is large enough to directionally drill this far.

Well is waiting for drilling rig for 2008 drilling schedule.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>9/27/2007</u>

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC

Today's Date: 02/14/2008

Well:

API Number:

Drilling Commenced:

See Attachment

43 047 38032  
Rockhouse 11-32-21-2  
11S 23E 2

To avoid compliance action, required reports should be mailed within 7 business days to:

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

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

Well:		API Number:	Commenced:
Bonanza 9-24-42-27	drlg rpts/wcr	4304735923	02/05/2005
Bonanza 9-25-13-20	drlg rpts/wcr	4304735929	08/06/2005
Southman Cyn 10-24-13-30	drlg rpts/wcr	4304736238	12/30/2006
Rock House 11-23-42-2	drlg rpts/wcr	4304737865	01/25/2007
Rock House 11-23-41-2	drlg rpts/wcr	4304738033	01/25/2007
Bonanza 9-24-11-7	drlg rpts/wcr	4304736017	01/30/2007
Rainbow 11-24-21-20	drlg rpts/wcr	4304737567	02/07/2007
Rock House 11-23-21-2	drlg rpts/wcr	4304738032	05/02/2007
Rock House 11-23-22-2	drlg rpts/wcr	4304737867	05/02/2007
Hanging Rock 11-23-43-36	drlg rpts/wcr	4304738282	05/03/2007
Hanging Rock 11-23-13-36	drlg rpts/wcr	4304738283	06/01/2007
Buck Camp U 12-22-23-5	drlg rpts/wcr	4304739204	07/03/2007
Hanging Rock 11-23-24-36	drlg rpts/wcr	4304738278	07/09/2007
Hanging Rock 11-23-14-36	drlg rpts/wcr	4304738276	08/30/2007

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] 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
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47087
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Rock House 11-23-21-2
9. API NUMBER: 4304738032
10. FIELD AND POOL, OR WILDCAT: Undesignated

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2442' FNL - 1876' FWL (BHL 1260' FNL - 1996' FWL) COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 23E S STATE: UTAH

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, ACIDIZE, ALTER CASING, CASING REPAIR, CHANGE TO PREVIOUS PLANS, CHANGE TUBING, CHANGE WELL NAME, CHANGE WELL STATUS, COMMINGLE PRODUCING FORMATIONS, CONVERT WELL TYPE, DEEPEN, FRACTURE TREAT, NEW CONSTRUCTION, OPERATOR CHANGE, PLUG AND ABANDON, PLUG BACK, PRODUCTION (START/RESUME), RECLAMATION OF WELL SITE, RECOMPLETE - DIFFERENT FORMATION, REPERFORATE CURRENT FORMATION, SIDETRACK TO REPAIR WELL, TEMPORARILY ABANDON, TUBING REPAIR, VENT OR FLARE, WATER DISPOSAL, WATER SHUT-OFF, OTHER: Well Status Report

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

Conductor has been set to 40' and pilot hole drilled to 500'.
This well is a directional well to be drilled from a existing producing well pad.
Currently we do not have a drilling rig under contract that is large enough to directionally drill this far.
Well is waiting for drilling rig for 2008 drilling schedule.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 3/31/2008

(This space for State use only)

RECEIVED
APR 01 2008
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

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-47087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

n/a

7. UNIT or CA AGREEMENT NAME:

n/a

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

Rock House 11-23-21-2

2. NAME OF OPERATOR:

Enduring Resources, LLC

9. API NUMBER:

4304738032

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500 CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 350-5114

10. FIELD AND POOL, OR WILDCAT:

Undesignated

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2442' FNL - 1876' FWL (BHL 1260' FNL - 1996' FWL)

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 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: 5/1/2008	<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 type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report</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.

5-1-2008 Well is waiting for drilling rig for 2008 drilling schedule.

Conductor has been set to 40' and pilot hole drilled to 500'.

This well is a directional well to be drilled from a existing producing well pad.

Currently we do not have a drilling rig under contract that is large enough to directionally drill this far.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE 4/28/2008

(This space for State use only)

RECEIVED

APR 30 2008

DIV. OF OIL, GAS & MINING

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

**CONFIDENTIAL** FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-47087</b>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: <b>Rock House 11-23-21-2</b>
9. API NUMBER: <b>4304738032</b>
10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**Enduring Resources, LLC**

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

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **2442' FNL - 1876' FWL      (BHL 1260' FNL - 1996' FWL)**      COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENW 2      11S      23E      S**      STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit In Duplicate)  Approximate date work will start: <b>6/1/2008</b>	<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 checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<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: <b>Well Status Report</b>
	<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.

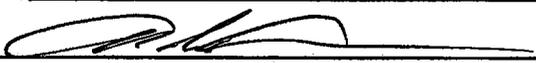
**5-1-2008** Well is waiting for drilling rig for 2008 drilling schedule.

Conductor has been set to 40' and pilot hole drilled to 500'.

This well is a directional well to be drilled from a existing producing well pad.

Currently we do not have a drilling rig under contract that is large enough to directionally drill this far.

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

SIGNATURE       DATE 5/27/2008

(This space for State use only)

**RECEIVED**  
**MAY 30 2008**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1. TYPE OF WELL</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-47087</b>
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME: n/a
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: Rock House 11-23-21-2
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304738032
<b>4. LOCATION OF WELL</b>		10. FIELD AND POOL, OR WILDCAT: Undesignated
FOOTAGES AT SURFACE: 2442' FNL - 1876' FWL (BHL 1260' FNL - 1996' FWL)		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 23E S		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>7/1/2008</u>	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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>Well Status Report</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.

7-1-2008 Well is waiting for drilling rig for 2008 drilling schedule.

Conductor has been set to 40' and pilot hole drilled to 500'.

This well is a directional well to be drilled from a existing producing well pad.

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

SIGNATURE  DATE 6/27/2008

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**RECEIVED**  
**JUN 30 2008**  
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-47087

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
n/a

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

7. UNIT or CA AGREEMENT NAME:  
n/a

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
Rock House 11-23-21-2

2. NAME OF OPERATOR:  
Enduring Resources, LLC

9. API NUMBER:  
4304738032

3. ADDRESS OF OPERATOR:  
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 350-5114

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2442' FNL - 1876' FWL (BHL 1260' FNL - 1996' FWL)

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 23E S

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>8/1/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report</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.

8-1-2008 Well is waiting for drilling rig.

Conductor has been set to 40' and pilot hole drilled to 500'.

This well is a directional well to be drilled from a existing producing well pad.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE 7/25/2008

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RECEIVED  
JUL 28 2008

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-47087

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
n/a

7. UNIT or CA AGREEMENT NAME:  
n/a

8. WELL NAME and NUMBER:  
Rock House 11-23-21-2

9. API NUMBER:  
4304738032

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

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

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Enduring Resources, LLC

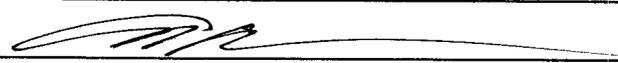
3. ADDRESS OF OPERATOR:  
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2442' FNL - 1876' FWL (BHL 1260' FNL - 1996' FWL) COUNTY: Uintah  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 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: _____	<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>Well Status Report</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.  
Well is waiting for drilling rig.  
Conductor has been set to 40' and pilot hole drilled to 500'.  
This well is a directional well to be drilled from a existing producing well pad.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist  
SIGNATURE  DATE 8/29/2008

(This space for State use only)

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SEP 02 2008  
DIV. OF OIL, GAS & MINING



**Enduring Resources, LLC**

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

**Drilling Chronological**  
**Regulatory**

<b>Well Name: ROCK HOUSE 11-23-21-02</b>					
Field Name:		S/T/R:	//	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	NENW-2-11S-23E	District:	Northern
Project AFE:	DV00292	AFEs Associated:	/ / /		

<b>Daily Summary</b>					
Activity Date :	5/3/2007	Days From Spud :	0	Current Depth :	40 Ft
Rig Company :				24 Hr. Footage Made :	40 Ft
Formation :		Rig Name:		Weather:	

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	4.00	02	MI PETE MARTIN AND DRILL 40 FT OF 20" CONDUCTOR HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT WITH 3 YARDS OF READY MIX	0	40	NIH
12:00	18.00	24	SDFN	40	40	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	5/8/2007	Days From Spud :	0	Current Depth :	400 Ft
Rig Company :				24 Hr. Footage Made :	360 Ft
Formation :		Rig Name:		Weather:	

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	24	SDFN	40	40	NIH
18:00	12.00	02	MI PROPETRO RATHOLE SERVICE AND DRILL 12 1/4" HOLE TO 400 FT.	40	400	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	5/9/2007	Days From Spud :	0	Current Depth :	500 Ft
Rig Company :				24 Hr. Footage Made :	100 Ft
Formation :		Rig Name:		Weather:	

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	02	DRILLING 12 1/4" PILOT HOLE TO 500 FT	400	500	NIH
8:00	22.00	24	SDFN	500	500	NIH
Total:	24.00					

<b>Formation</b>					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

**UTAH DIVISION OF OIL, GAS AND MINING**

**NOTICE OF REPORTING PROBLEMS**

Operator: Enduring Resources, LLC Account: N2750 Today's Date: 10/23/2008

Problems:

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: \_\_\_\_\_

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

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

Fax to: 2115 23e  
(801) 359-3940

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	Rock House 11-23-21-2 Buck Camp U 12-22-23-5 Hanging Rock 11-23-14-36  <input type="checkbox"/> List Attached	4304738032 4304739204 4304738276	05/02/2007 07/03/2007 08/30/2007

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD

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-47087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
n/a

7. UNIT or CA AGREEMENT NAME:  
n/a

8. WELL NAME and NUMBER:  
Rock House 11-23-21-2

9. API NUMBER:  
4304738032

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

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

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Enduring Resources, LLC

3. ADDRESS OF OPERATOR:  
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 350-5114

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2442' FNL - 1876' FWL (BHL 1260' FNL - 1996' FWL)

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 23E S

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>10/31/2008</u>	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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>Well Status Report</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.

BHL is NENW 2-11S-23E

Conductor has been set to 40' and pilot hole drilled to 500'.

This well is a directional well to be drilled from a existing producing well pad.

Have not been able to find a drilling rig large enough to drill this far directional that has an one well opening.

Well has been moved into 2009 drilling schedule when other deep tests and directional wells are scheduled so we can get a multi-well contract for a larger drilling rig.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE 10/31/2008

(This space for State use only)

RECEIVED

NOV 03 2008

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-47087
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ROCK HOUSE 11-23-21-2
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047380320000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2442 FNL 1876 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 02 Township: 11.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/11/2009	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Correct Lease Number"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

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

The oil and gas lease number ML-47087 on the approved APD is incorrect and should be ML-47078. Request Lease Number on APD change: From: ML-47087 To: ML-47078

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 September 15, 2009

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/11/2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-47078			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> ROCK HOUSE 11-23-21-2			
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>9. API NUMBER:</b> 43047380320000			
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE			
<b>PHONE NUMBER:</b> 303 350-5114 Ext					
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2442 FNL 1876 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 02 Township: 11.0S Range: 23.0E Meridian: S		<b>COUNTY:</b> UINTAH			
		<b>STATE:</b> UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/6/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION           </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER           </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; padding: 0 5px;">July-Monthly Status Rpt</span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 0 5px;">July-Monthly Status Rpt</span>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well is currently shut-in. Pursuant to an Action Plan submitted to and approved by the DOG&M in May-2009, this well and others shall continue to be shut-in until all the wells on the Action Plan are plugged. Six or Seven Wells are to be plugged each year.					
<b>NAME (PLEASE PRINT)</b> Alvin Arlian		<b>PHONE NUMBER</b> 303 350-5114			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Landman-Regulatory			
		<b>DATE</b> 7/6/2011			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-47078
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> ROCK HOUSE 11-23-21-2
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>9. API NUMBER:</b> 43047380320000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2442 FNL 1876 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 02 Township: 11.0S Range: 23.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/6/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Well is currently shut-in. Pursuant to an Action Plan submitted to and approved by the DOG&amp;M in May-2009, this well and others shall continue to be shut-in until all the wells on the Action Plan are plugged. Six or Seven Wells are to be plugged each year.</p> <p style="text-align: right;"><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/6/2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047380320000	
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE
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<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/12/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b> <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Conductor has been set to 40', and 500' of surface hole has been pre-drilled.          P &amp; A Plan... Spot a balanced cement plug at 300' to surface. Cut off conductor below surface. Re-hab well pad and road.</p>		
		<p><b>Approved by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> 08/31/2011  <b>By:</b> <u>Dark K. Quist</u></p>
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/26/2011	

**Please Review Attached Conditions of Approval**

**RECEIVED** Aug. 26, 2011



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047380320000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 3. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 4. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-47078
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ROCK HOUSE 11-23-21-2	
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047380320000	
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2442 FNL 1876 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 02 Township: 11.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Well History - Conductor was set to 40', and 500' of surface hole was pre-drilled. Sundry Intent to P &amp; A submitted to DOG&amp;M electronically 8-26-2011. Will plug well as soon as plugging orders are approved by DOG&amp;M, and rig is available from plugging other wells.</p>		
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/31/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047380320000	
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2442 FNL 1876 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 02 Township: 11.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/29/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<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 checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER                                  OTHER: <input style="width: 100px; height: 15px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Subsequent Plugging Report Attached.		
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/30/2011	

## Subsequent Plugging Report Rock House 11-23-21-2 Well

9-29-2011 Plug conductor pipe and 500 feet of open hole as per DOGM.

MIRU Western Wellsite cementing equipment. Dig out conductor pipe. Cut off 13 3/8" conductor pipe 4' below ground level.

Contact Dustin Doucet at DOGM to change plugging procedure. Fill 40' of 13-3/8" conductor pipe and open hole to 175' from the top with 150 sacks Class G cement. Cement falling in casing. Wait on cement for 5 hours. Top off casing with 25 sacks Class G cement. Hole standing full. Weld on information plate. Backfill. Release rig, rig down and move off Western Wellsite.

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

AMENDED REPORT  FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-47080**

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

7. UNIT or CA AGREEMENT NAME  
**N/A**

8. WELL NAME and NUMBER:  
**Rock House 11-23-21-2**

9. API NUMBER:  
**4304738032**

10. FIELD AND POOL, OR WILDCAT  
**Rock House**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SENW 2 11S 23E**

12. COUNTY **Uintah** 13. STATE **UTAH**

17. ELEVATIONS (DF, RKB, RT, GL):  
**5458 RKB**

21. DEPTH BRIDGE MD  
PLUG SET: TVD

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

**24. CASING AND LINER RECORD (Report all strings set in well)**

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
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
11'				500					Open Hole

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

**29. ENCLOSED ATTACHMENTS:**

- ELECTRICAL/MECHANICAL LOGS
- SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
- GEOLOGIC REPORT
- CORE ANALYSIS
- DST REPORT
- OTHER: \_\_\_\_\_

**RECEIVED**  
DIVISION OF OIL & GAS  
**FEB 21 2012**

**30. WELL STATUS:**

P&A

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER **Pilot Hole P&A**

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**Enduring Resources, LLC**

3. ADDRESS OF OPERATOR: **500 16th St, Suite 700** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 573-1222**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **2442' FNL - 1876' FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **same as above**  
AT TOTAL DEPTH: **same as above**

14. DATE SPUNDED: **1/26/2007** 15. DATE T.D. REACHED: **5/9/2007** 16. DATE COMPLETED: **9/29/2011** ABANDONED  READY TO PRODUCE

18. TOTAL DEPTH: MD **500** TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD **0** TVD \_\_\_\_\_ 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* **6**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**Only set conductor and drilled 500' of pilot hole, never logged.**

**24. CASING AND LINER RECORD (Report all strings set in well)**

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
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
11'				500					Open Hole

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

**29. ENCLOSED ATTACHMENTS:**

- ELECTRICAL/MECHANICAL LOGS
- SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
- GEOLOGIC REPORT
- CORE ANALYSIS
- DST REPORT
- OTHER: \_\_\_\_\_

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**30. WELL STATUS:**

P&A

**31. INITIAL PRODUCTION**
**INTERVAL A (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 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.)**
**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.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			Only drilled 500' of pilot hole.		

**35. ADDITIONAL REMARKS (include plugging procedure)**

Pilot Hole has been plugged. (Only drilled and set conductor pipe and drilled 500' of pilot hole.)

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

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman CPL - Regulatory Specialist

SIGNATURE 

DATE 2/21/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940

CONFIDENTIAL

FORM 9

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

**5. LEASE DESIGNATION AND SERIAL NUMBER:**  
ML-47078

**SUNDRY NOTICES AND REPORTS ON WELLS**

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

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

**7. UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**  
Gas Well

**8. WELL NAME and NUMBER:**  
ROCK HOUSE 11-23-21-2

**2. NAME OF OPERATOR:**  
Enduring Resources, LLC

**9. API NUMBER:**  
43047380320000

**3. ADDRESS OF OPERATOR:**  
475 17th Street, Suite 1500, Denver, CO, 80202

**PHONE NUMBER:**  
303 350-5114 Ext

**9. FIELD and POOL or WILDCAT:**  
ROCK HOUSE

**4. LOCATION OF WELL**  
**FOOTAGES AT SURFACE:**  
2442 FNL 1876 FWL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: SENW Section: 02 Township: 11.0S Range: 23.0E Meridian: 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 Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/29/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>

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

Subsequent Plugging Report Attached.

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<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/30/2011	

Subsequent Plugging Report Rock House 11-23-21-2 Well

9-29-2011 Plug conductor pipe and 500 feet of open hole as per DOGM.

MIRU Western Wellsite cementing equipment. Dig out conductor pipe. Cut off 13 3/8" conductor pipe 4' below ground level.

Contact Dustin Doucet at DOGM to change plugging procedure. Fill 40' of 13-3/8" conductor pipe and open hole to 175' from the top with 150 sacks Class G cement. Cement falling in casing. Wait on cement for 5 hours. Top off casing with 25 sacks Class G cement. Hole standing full. Weld on information plate. Backfill. Release rig, rig down and move off Western Wellsite.



**Enduring Resources, LLC**

511 16St - Suite 700  
 Denver, CO 80202  
 (303) 573-1222

**Drilling Chronological**

Well Name: ROCK HOUSE 11-23-21-02					
Field Name:		S/T/R:	//	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	NENW-2-11S-23E	District:	Northern
Project AFE:	DV00292	AFEs Associated:			/ / /

Daily Summary					
Activity Date:	5/3/2007	Days From Spud:	0	Current Depth:	40 Ft
Formation:		Weather:		24 Hr. Footage Made:	40 Ft
Rig Company:		Rig Name:		Daily Cost:	\$10,000
		Cum DHC:	\$10,000	Total Well Cost:	\$10,000

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	4.00	02	MI PETE MARTIN AND DRILL 40 FT OF 20" CONDUCTOR HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT WITH 3 YARDS OF READY MIX	0	40	NIH
12:00	18.00	24	SDFN	40	40	NIH
Total:	24.00					

Daily Summary					
Activity Date:	5/8/2007	Days From Spud:	0	Current Depth:	400 Ft
Formation:		Weather:		24 Hr. Footage Made:	360 Ft
Rig Company:		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$10,000	Total Well Cost:	\$10,000

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	24	SDFN	40	40	NIH
18:00	12.00	02	MI PROPETRO RATHOLE SERVICE AND DRILL 12 1/4" HOLE TO 400 FT.	40	400	NIH
Total:	24.00					

Daily Summary					
Activity Date:	5/9/2007	Days From Spud:	0	Current Depth:	500 Ft
Formation:		Weather:		24 Hr. Footage Made:	100 Ft
Rig Company:		Rig Name:		Daily Cost:	\$6,800
		Cum DHC:	\$16,800	Total Well Cost:	\$16,800

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	02	DRILLING 12 1/4" PILOT HOLE TO 500 FT	400	500	NIH
8:00	22.00	24	SDFN	500	500	NIH
Total:	24.00					

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

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**Enduring Resources, LLC**

511 16St - Suite 700  
Denver, CO 80202  
(303) 573-1222

**WellWork LOE**  
**Chronological Report**

Well Name : ROCK HOUSE 11-23-21-02						
Prospect:				API #:	430473803200	
Sec/Twp/Rge:	/ /	County, St.:	UINTAH, UT	Work Type:	Drilling	
Field:		Supervisor:		WI:	0.5	
Operator:	Enduring Resources LLC	Phone:		NRI:	0.4	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date:	9/29/2011	Activity Type:	P&A	Rig Name:	Western Wellsite
Daily Cost:	\$4,700.00	Cum Cost:	\$4,700.00	Days On WellWork:	1
Daily Detail:	MIRU Western Wellsite cement equipment. Dig out conductor pipe. Cut off 13 3/8" conductor pipe 4' below ground level. As per Dustin Doucet, DOGM fill 40' of 13 3/8" conductor pipe and open hole to 175' from the top with 150 sks Class G cement. Cement falling in csg. Wait on cement for 5 hours. Top off csg with 25 sks Class G cement. Hole standing full. Weld on information plate. Backfill. RDMO Western Wellsite.				

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