

**ENDURING RESOURCES, LLC**

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

February 27, 2006

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

Attention: Diana Whitney

**RE: Rock House 11-23-22-2  
SENW Sec. 2-T11S-R23E  
Uintah County, Utah  
Lease #: ML-47078**

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.*** A copy of this APD is being sent to SITLA. Access into this section is using an existing oil and gas well road.

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

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

Very truly yours

**ENDURING RESOURCES, LLC**



Alvin R. (Al) Arlian  
Landman – Regulatory Specialist

ara/  
Attachments as stated:

cc: SITLA

**RECEIVED**

**MAR 02 2006**

DIV. OF OIL, GAS & MINING





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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>ML-47078</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:	
8. 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 11-23-22-2</b>	
3. ADDRESS OF OPERATOR: <b>475 17th St., Ste 1500 Denver</b>		STATE <b>CO</b> ZIP <b>80220</b>	PHONE NUMBER: <b>(303) 350-5114</b>	10. FIELD AND POOL, OR WILDCAT: <b>Undesignated Rockhouse 670</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2,468' FNL - 1,877' FWL</b> <b>644277X SENW</b> <b>39 891436</b> AT PROPOSED PRODUCING ZONE: <b>SAME</b> <b>4416261-y</b> <b>-109.312530</b>			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 2 11S 23E S</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>75.3 miles southeast of Vernal, Utah</b>			12. COUNTY: <b>Uintah</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1877'</b>	16. NUMBER OF ACRES IN LEASE: <b>640</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 acres</b>		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>1100' + BHL (surface 25')</b>	19. PROPOSED DEPTH: <b>7,435</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>6/1/2006</b>	23. ESTIMATED DURATION: <b>20 days</b>		

**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#	7,435	Class G	92 sxs	3.3	11.0
			50/50 Poz Class G	854 sxs	1.56	14.3

**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 |

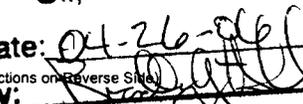
NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist  
SIGNATURE  DATE 2/27/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-04737867

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

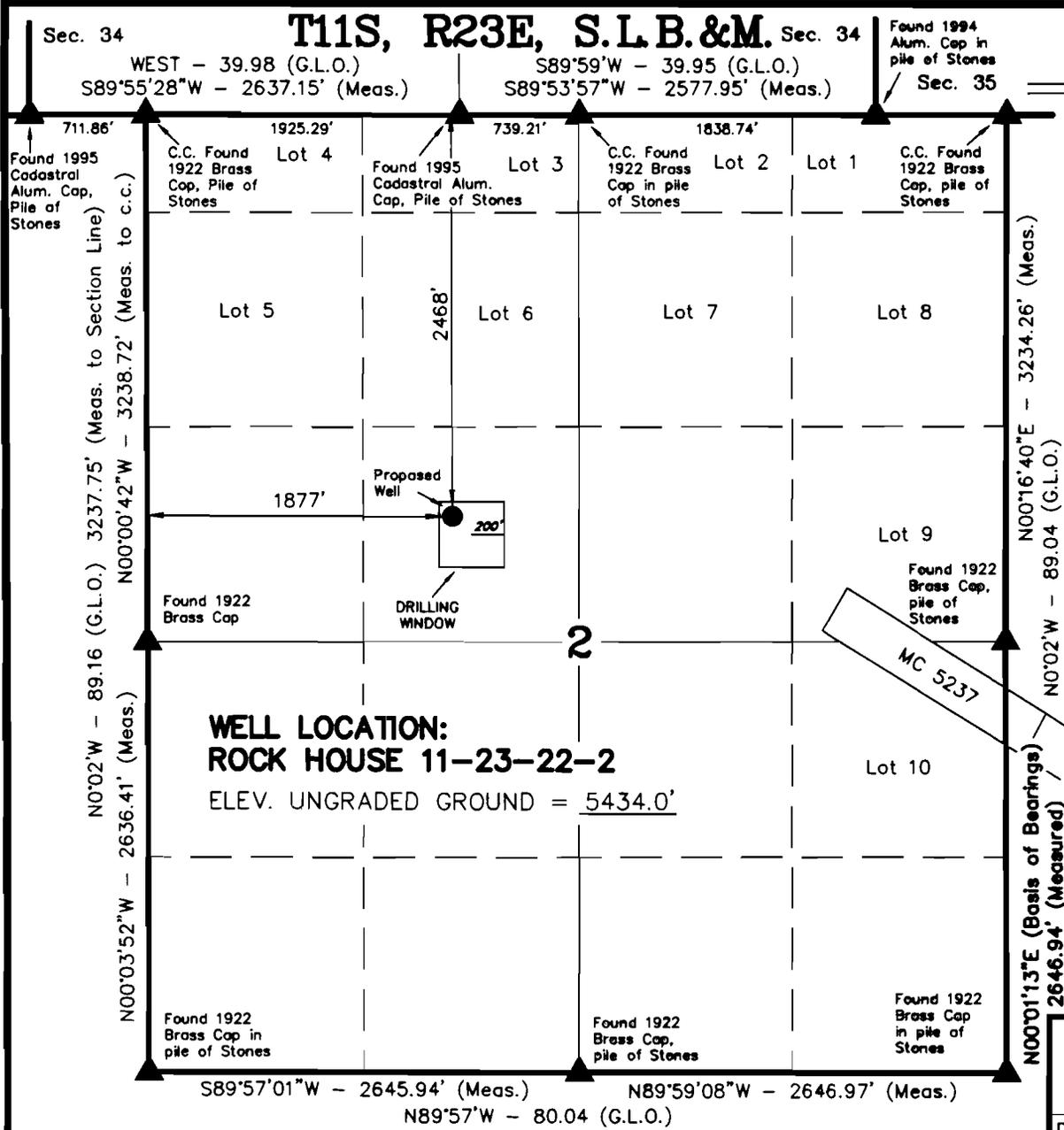
**RECEIVED  
MAR 02 2006**

Date: 04-26-06  
By: 

DIV. OF OIL, GAS & MINING

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

**ENDURING RESOURCES**



WELL LOCATION, ROCK HOUSE  
 11-23-22-2, LOCATED AS SHOWN IN  
 THE SE 1/4 NW 1/4 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. Bearings are based on Global Positioning Satellite observations.
  3. 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*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 362251  
 STATE OF UTAH

**WELL LOCATION:  
 ROCK HOUSE 11-23-22-2**  
 ELEV. UNGRADED GROUND = 5434.0'

**ROCK HOUSE 11-23-22-2**  
 (Proposed Well Head) NAD 83 Autonomous  
 LATITUDE = 39° 53' 29.10"  
 LONGITUDE = 109° 18' 47.67"

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

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

# Enduring Resources, LLC

Rock House 11-23-22-2  
SENW 2-11S-23E  
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	238'
Wasatch	3,158'
Mesaverde	4,963'

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

Substance	Formation	Depth (K.B.) TVD
	KB-Uinta Elevation: 5,458' est.	
Oil / Gas	Green River	238'
Oil /Gas	Wasatch	3,158'
Oil /Gas	Mesaverde	4,963'
	TD	7,435'

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 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 7,435' (KB)

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

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

#### B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
7435' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.61 (d)	7780/2.14 (e)	223/2.94 (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	1042	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	92	25	11.0	3.3
4-1/2"	Tail	4677	50/50 POZ Class G + 2% gel + 1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	854	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'-7435' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

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

6. **Evaluation Program:**

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

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

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

**7. Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No 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 3,866 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,231 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

**8. Anticipated Starting Dates:**

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

**9. Variances:**

None anticipated

**10. Other:**

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

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

**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 11-23-22-2  
SEW 2-11S-23E  
Uintah County, Utah

State Lease: ML-47078

## MULTI-POINT SURFACE USE & OPERATIONS PLAN

### 1. Existing Roads:

Directions to the Rock House 11-23-22-2 Well:

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.

## 2. Planned Access Roads:

The proposed access road will be approximately 375 feet of new construction all on-lease. No off-lease new construction is needed.

ALL NEW CONSTRUCTION IS ON SITLA LANDS. The balance of the access road is built from the county road, across BLM and State to the Houston Exploration well located in the NESW of Section 2, 11S-23E. County Road 4240 (Class D Road) will be improved, if needed, to meet Uintah County, SITLA (and DOG&M) requirements, however no improvement is anticipated.

No off-lease access road right-of-way is needed.

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. (1): Producing Wells:
  - i. Rock House 11-2 NESW Sec. 2-11S-23E
- d. None: Drilling Wells:
- e. None: Shut-in Wells:
- f. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. None: Abandoned Wells:
- i. None: Dry Holes:
- j. None: Observation Wells:
- k. Various: 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'	3" Surface Pipeline	On-Lease	SITLA
-0-		Off-Lease	N/A

A 3" surface pipeline will be constructed (due west) along the well access road from the well to the Rock House 11-23-43-2 pipeline.

The proposed pipeline will tie-in to a steel surface pipeline that is being ***\*proposed from the Rock House 11-23-43-2 gathering line.***

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 feasible, water for drilling shall be acquired from Enduring Water User Claim 49-2215, Application #T76132, or Enduring Water User Claim 49-2216, Application #T76180., or if these sources are not feasible, then by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496.***

***\*Place of Use (Entire Townships):***

T10S-R22E	T10S-R23E	T10S-R22E
T11S-R22E	<b><i>T11S-R23E</i></b>	T11S-R22E

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

No water well is to be drilled on this lease.

**6 Source of Construction Materials:**

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

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

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

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

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

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

discharge of liquids.

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

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

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

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

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

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

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

#### **8. Ancillary Facilities:**

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

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

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

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

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein. The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

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

## 10. Plans for Surface Reclamation:

### **Producing Location:**

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.

- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

**Dry Hole/Abandoned Location:**

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

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

To be provided by the SITLA.

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

Wellsite: SITLA

Access: SITLA

Pipeline: SITLA

**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.

**Archeology:**

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

**Paleontology:**

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  
Fax Tel: 303-573-0461  
[aarlian@enduringresources.com](mailto:aarlian@enduringresources.com)

Frank Hutto  
Vice President – Operations  
Enduring Resources, LLC  
475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202  
Office Tel: 303-573-5102  
Fax Tel: 303-573-0461  
[fhutto@enduringresources.com](mailto:fhutto@enduringresources.com)

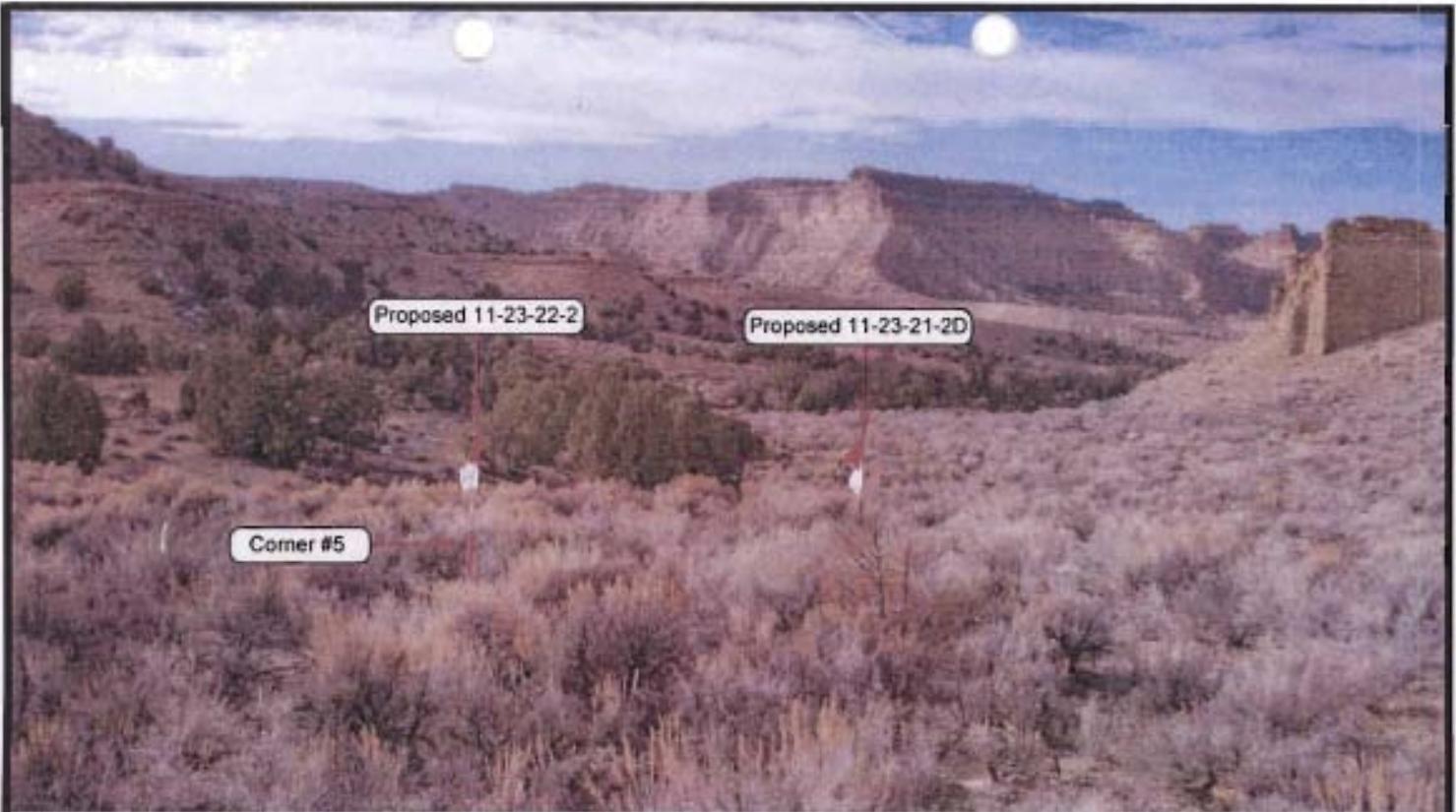


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

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.

DATE TAKEN: 12-20-05

DATE DRAWN: 01-16-06

REVISED:

**Timberline Land Surveying, Inc.**  
 38 West 100 North Vernal, Utah 84078  
 (435) 789-1385

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

25'

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) Autonomous

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) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
22-2	VERTICAL	
21-2D	39°53'41.04"	109°18'46.14"

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:  
01-13-06

Date Last Revision:

**Timberline** (435) 789-1365  
Land Surveying, Inc.

SHEET

Surveyed By: D.J.S.

Drawn By: M.W.W.

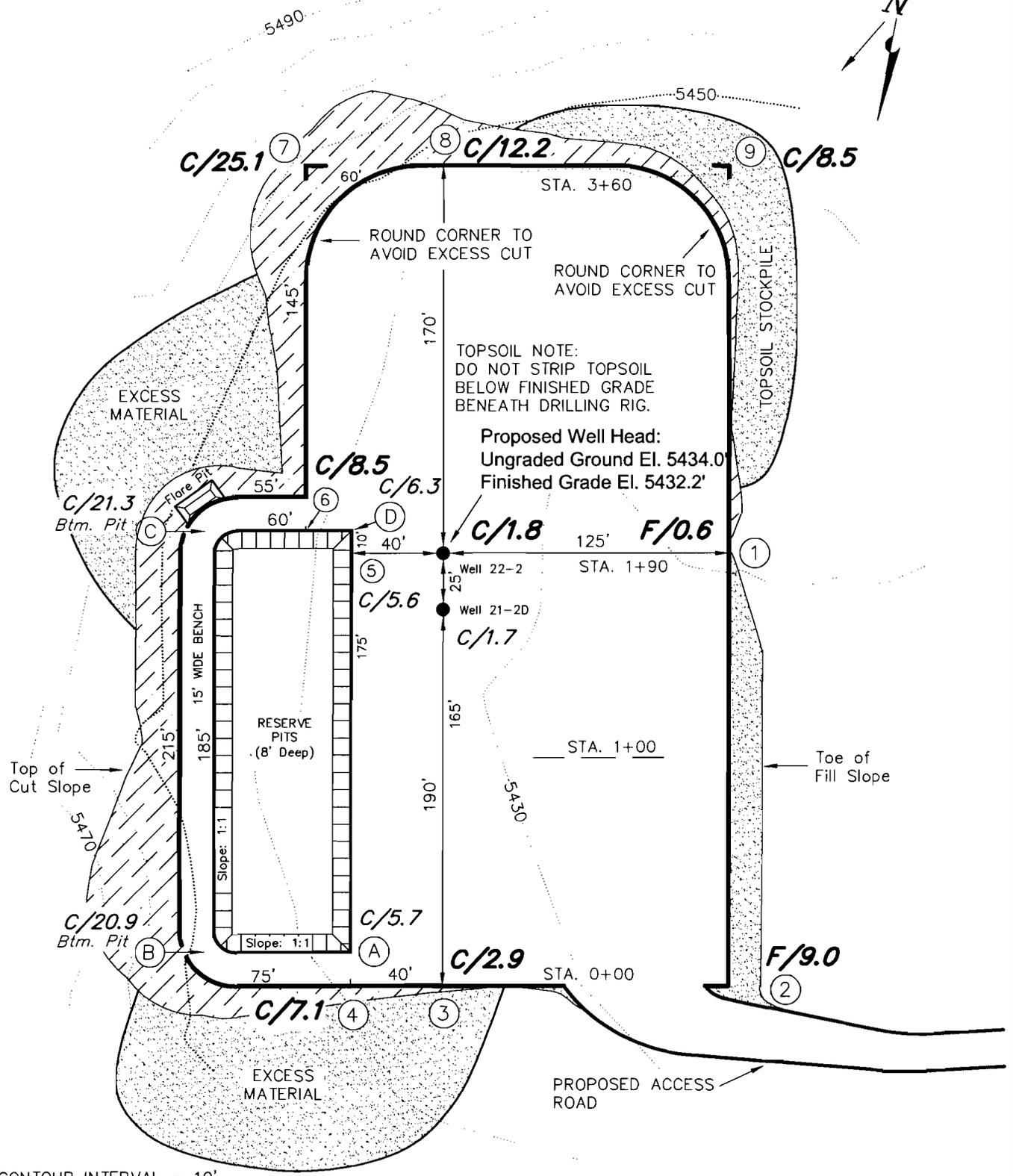
Scale: 1" = 60'

38 WEST 100 NORTH VERNAL, UTAH 84078

**3**  
OF 11

# ENDURING RESOURCES

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

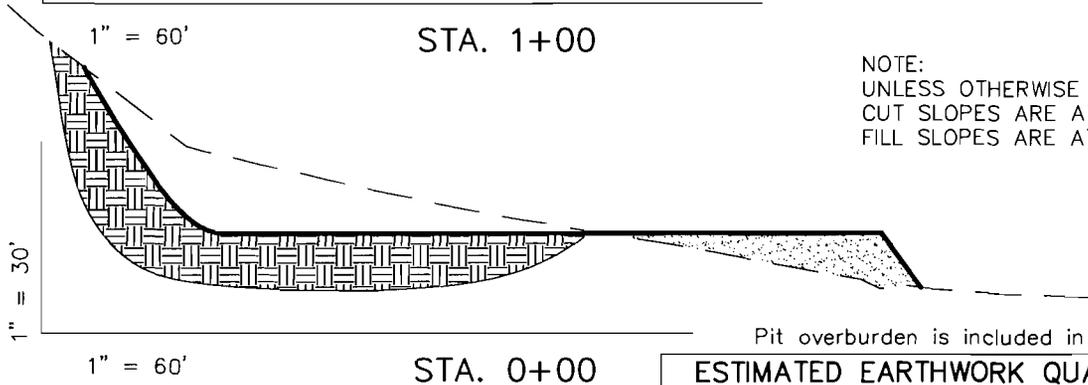
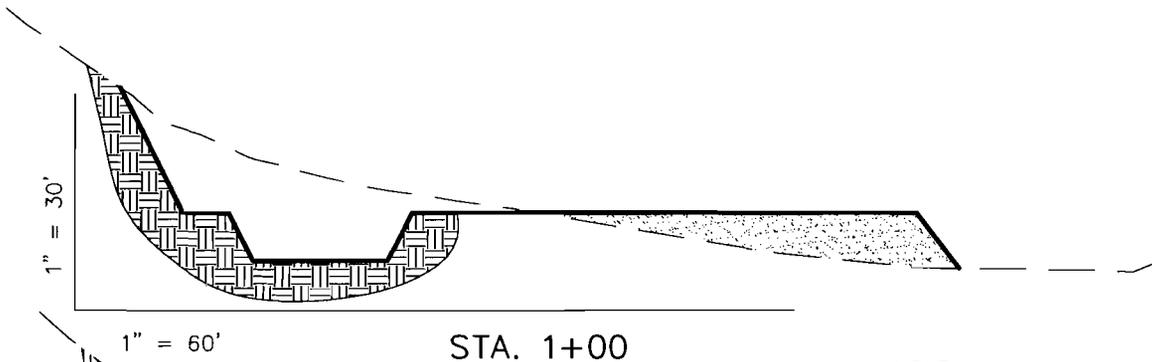
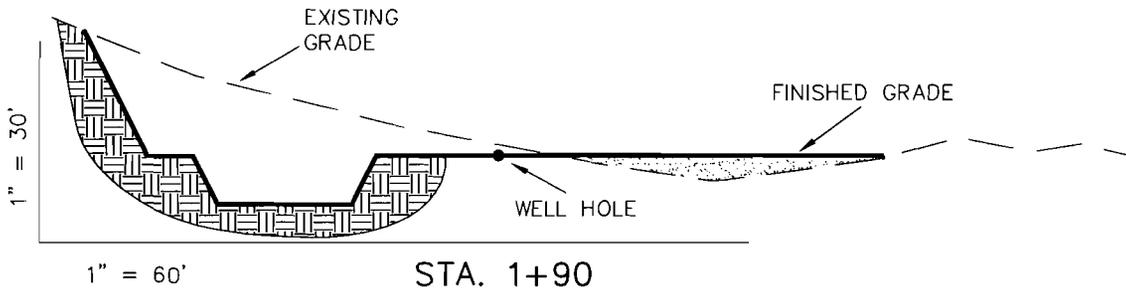
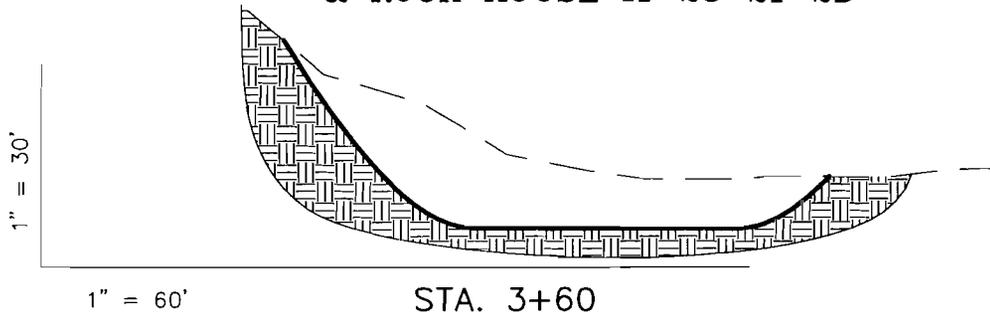


CONTOUR INTERVAL = 10'

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 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'		<b>SHEET</b> <b>4</b> <b>OF 11</b>	

# 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>

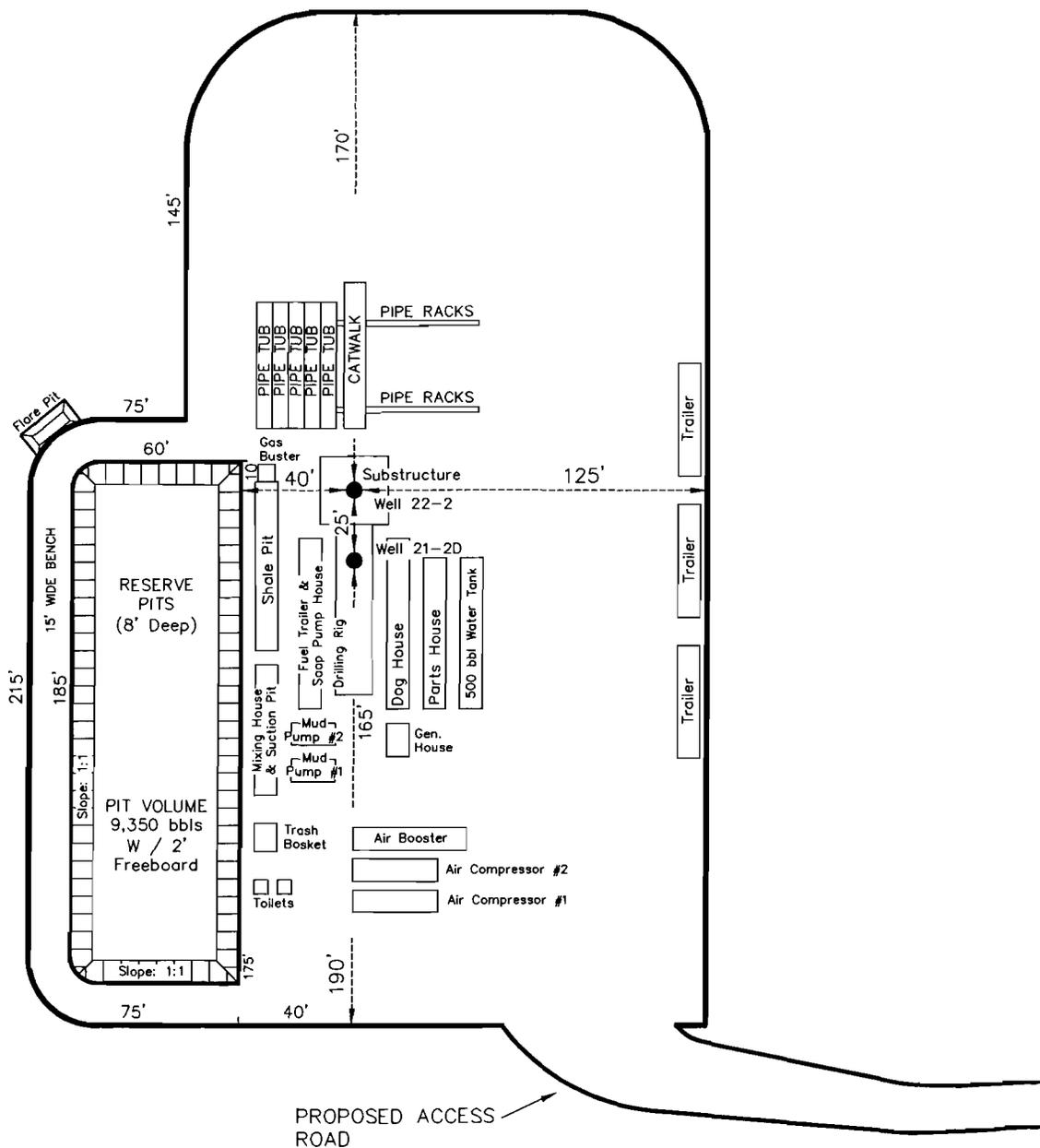
Excess Material after Pit Rehabilitation = 10,390 Cu. Yds.

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'	

**SHEET**  
**5**  
**OF 11**

# ENDURING RESOURCES

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

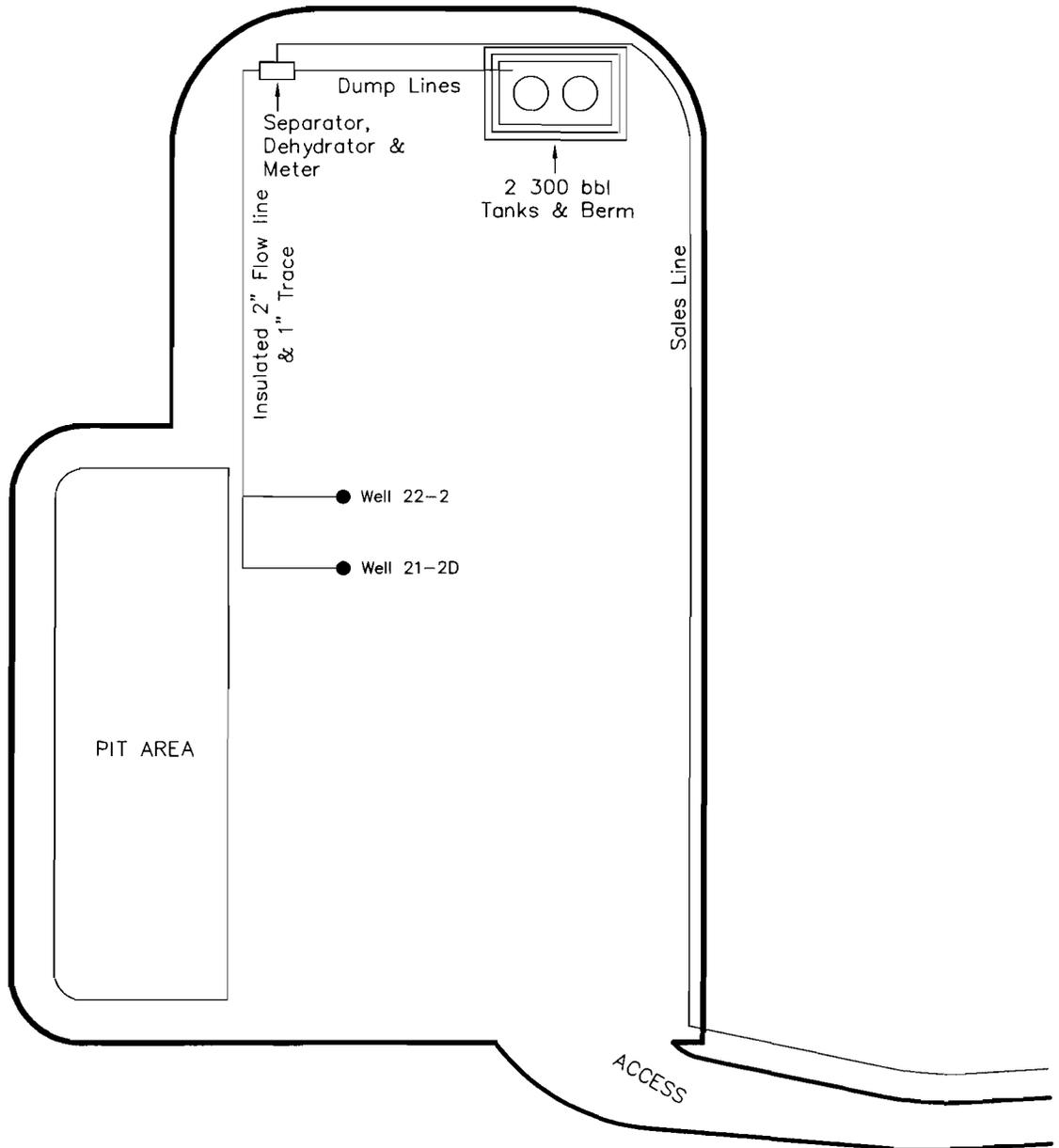


Section 2, T11S, R23E, S.L.B.&M.		Qtr/Qtr Location: SE NW	Footage Location: 2468' FNL & 1877' FWL
Date Surveyed: 12-20-05	Date Drawn: 01-12-06	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: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

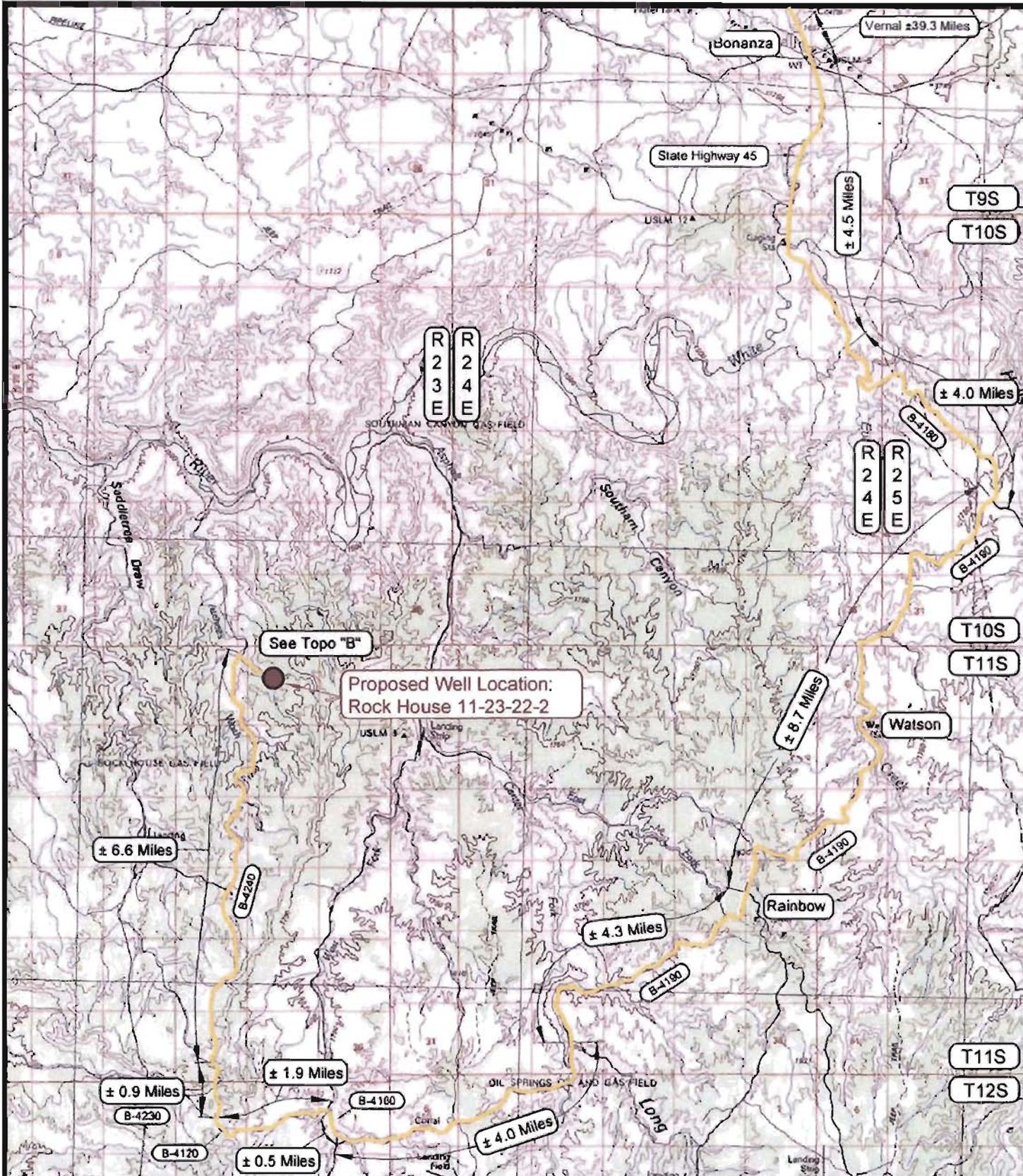
SHEET  
**6**  
OF 11

# 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 <b>Land Surveying, Inc.</b> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: D.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET <span style="font-size: 2em;">7</span> OF 11



**LEGEND**

- PROPOSED ACCESS ROAD
- ■ ■ ■ = SUBJECT WELL
- ■ ■ ■ = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5260) = COUNTY ROAD CLASS & NUMBER

**TOPOGRAPHIC MAP "A"**

DATE SURVEYED: 12-20-05

DATE DRAWN: 01-13-06

SCALE: 1"=10,000'

DRAWN BY: M.W.W.

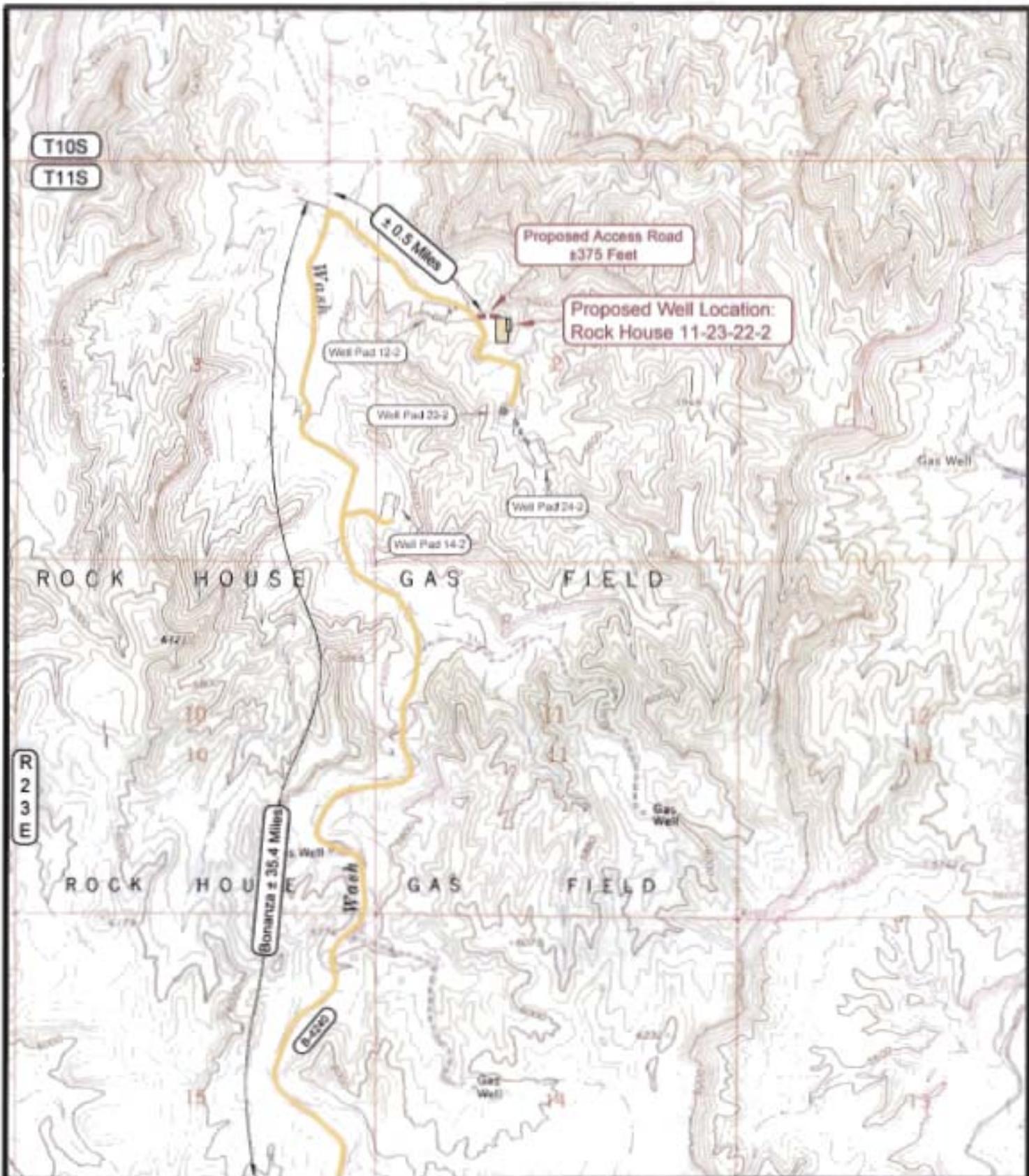
REVISED:

**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**

**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-5400) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE



**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**

**TOPOGRAPHIC MAP "B"**

DATE SURVEYED: 12-20-05

DATE DRAWN: 01-13-06

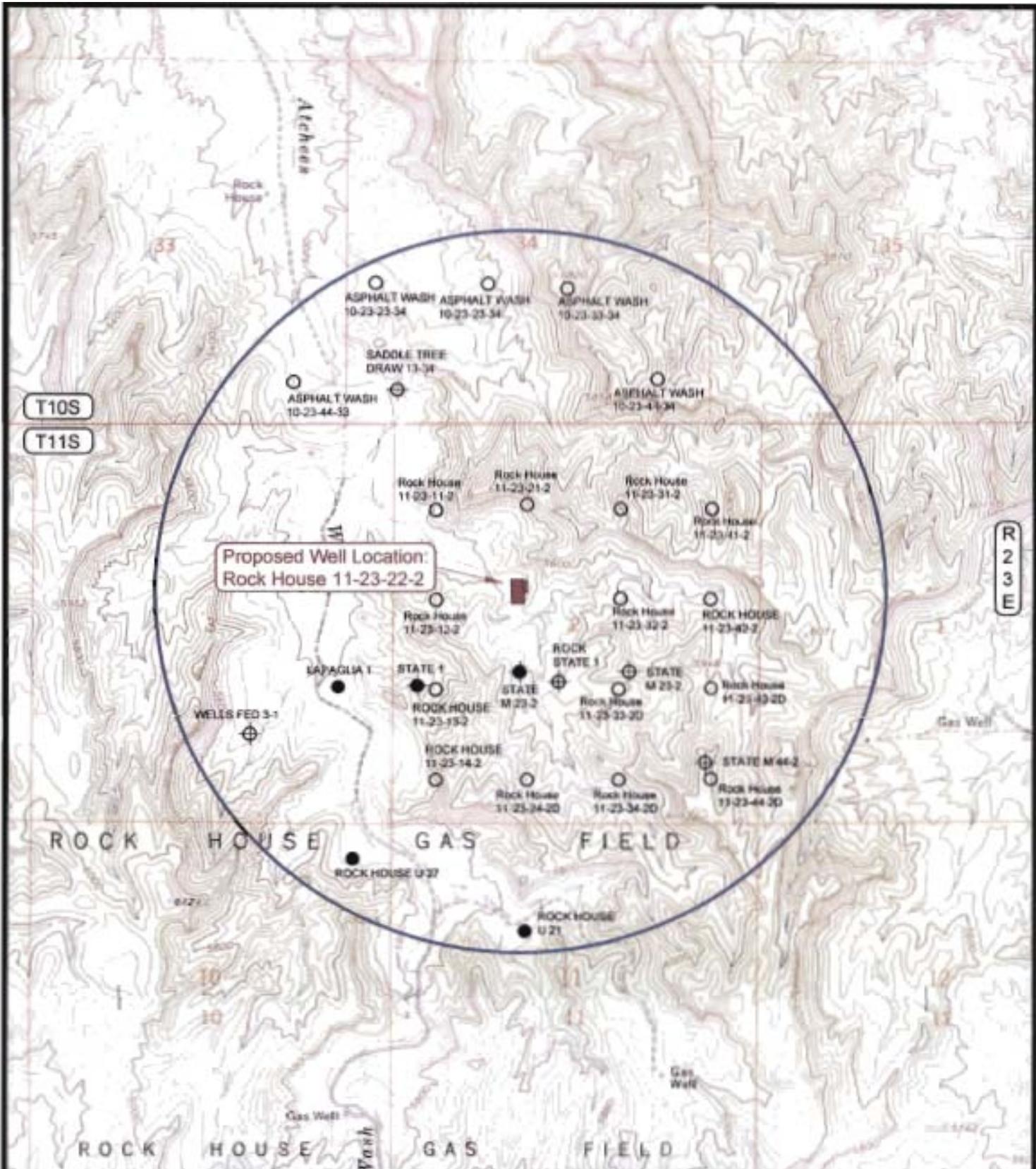
SCALE: 1" = 2000'

DRAWN BY: M.W.V.

REVISED:

**Timberline Land Surveying, Inc.**  
38 West 100 North Vernal, Utah 84078  
(435) 789-1305

**SHEET  
9  
OF 11**



Proposed Well Location:  
Rock House 11-23-22-2

**LEGEND**

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

**ENDURING RESOURCES**

**ROCK HOUSE 11-23-22-2**  
**SECTION 2, T11S, R23E, S.L.B.&M.**  
**2468' FNL & 1877' FWL**

**TOPOGRAPHIC MAP "C"**

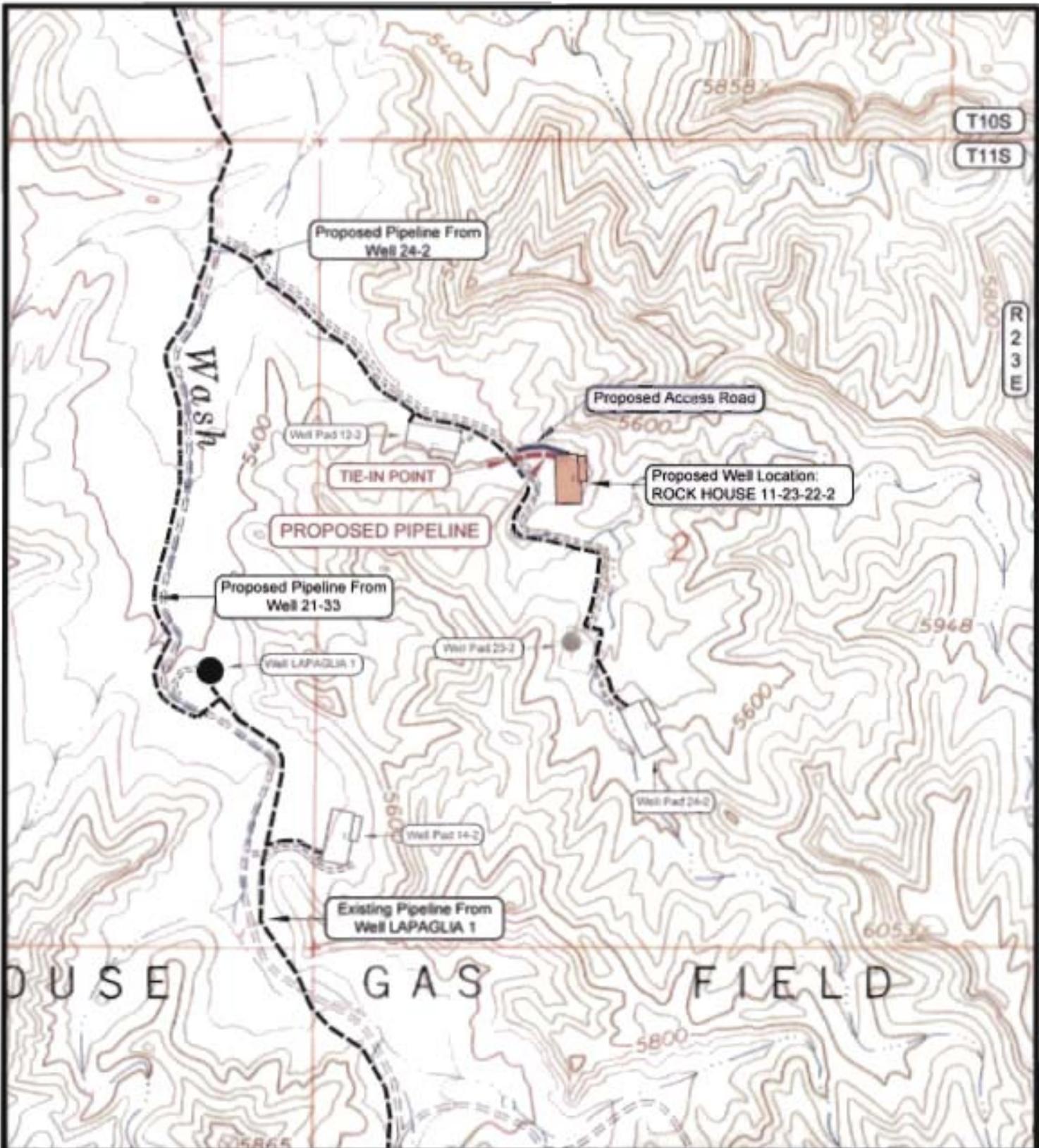
DATE SURVEYED: 12-20-05  
 DATE DRAWN: 01-12-06  
 REVISED:

SCALE: 1" = 200'

DRAWN BY: M.W.V.

**Timberline Land Surveying, Inc.**  
 38 West 100 North Vernal, Utah 84078  
 (435) 788-1365

**SHEET**  
**10a**  
**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 11-23-22-2  
& Rock House 11-23-21-2D  
SECTION 2, T11S, R23E, S.L.B.&M.  
2468' FNL & 1877' FWL**

**TOPOGRAPHIC MAP "D"**

DATE SURVEYED: 12-30-05  
DATE DRAWN: 01-16-06  
REVISED:

SCALE: 1" = 1000'

DRAWN BY: M.W.W.

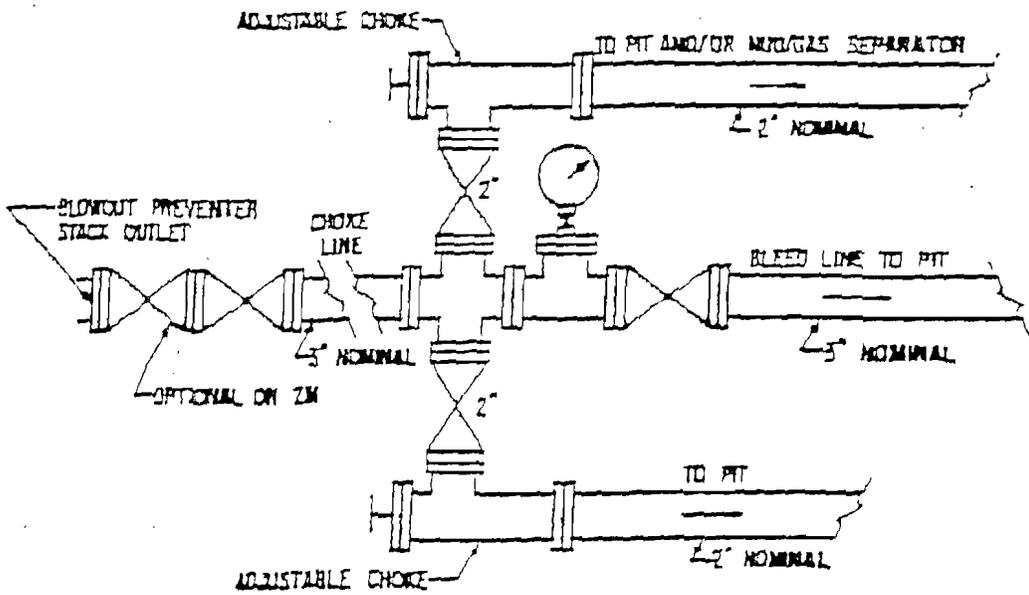
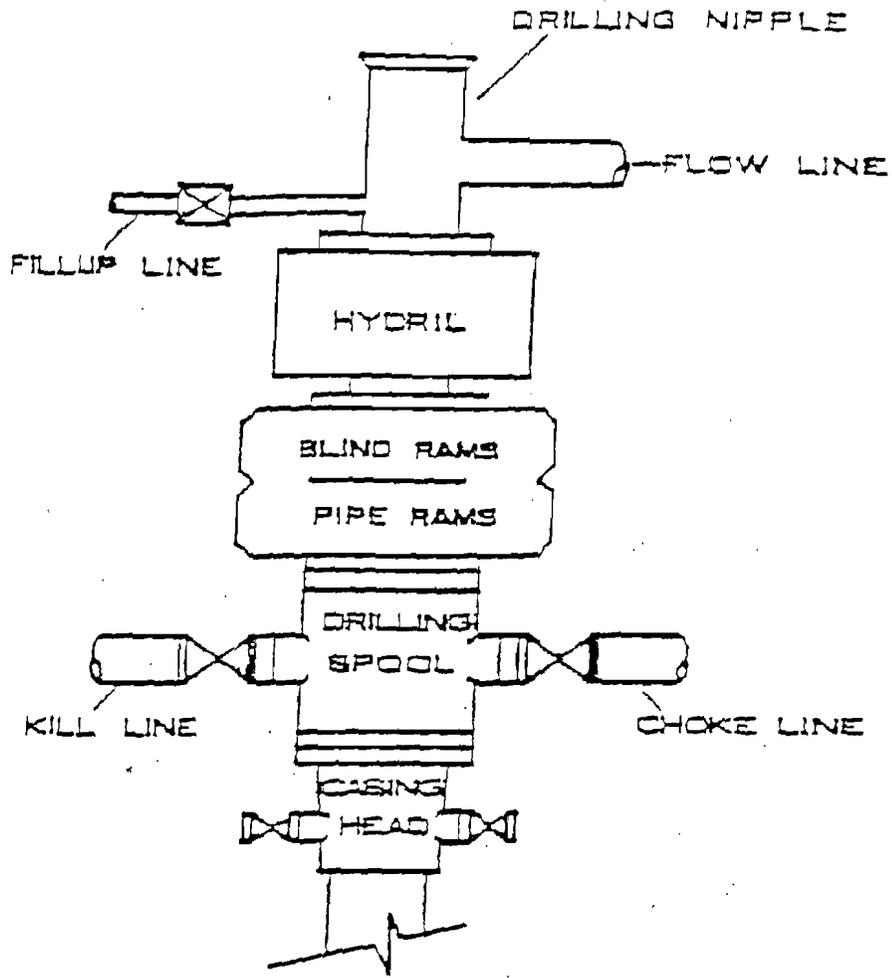


**Timberline Land Surveying, Inc.**  
38 West 100 North Vernal, Utah 84078  
(435) 789-1365

**SHEET  
11  
OF 11**

3,000 PSI

# BOP STACK



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/02/2006

API NO. ASSIGNED: 43-047-37867

WELL NAME: ROCK HOUSE 11-23-22-2

OPERATOR: ENDURING RESOURCES, LLC ( N2750 )

PHONE NUMBER: 303-350-5114

CONTACT: AL ARLIAN

PROPOSED LOCATION:

SENW 02 110S 230E

SURFACE: 2468 FNL 1877 FWL

BOTTOM: 2468 FNL 1877 FWL

COUNTY: UINTAH

LATITUDE: 39.89144 LONGITUDE: -109.3125

UTM SURF EASTINGS: 644277 NORTHINGS: 4416861

FIELD NAME: ROCK HOUSE ( 670 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	Duo D	4/25/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47078

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. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

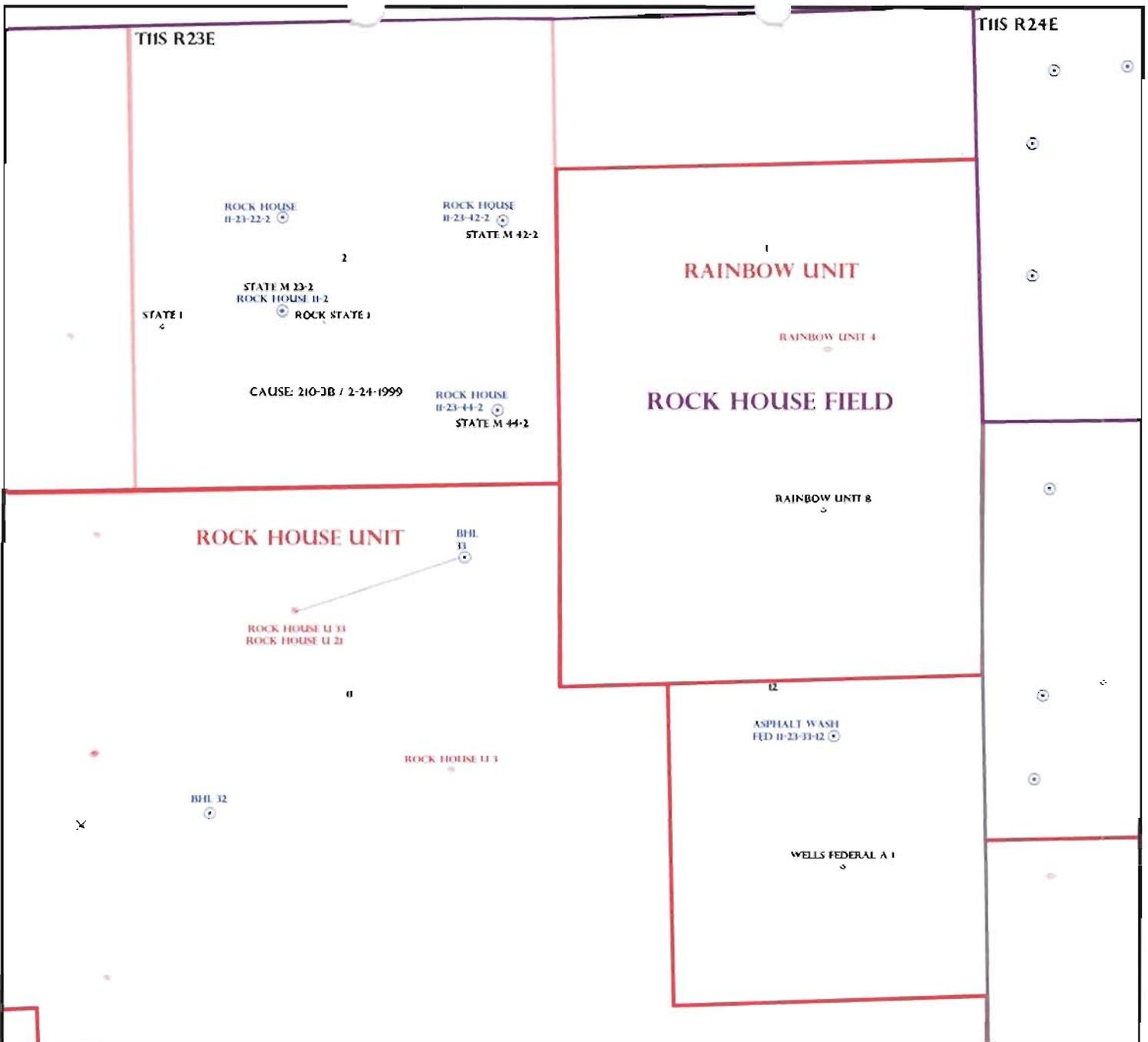
- R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 210-3(B)
- Eff Date: 2-24-1999
- Siting: 460' fr u/darf & 920' fr @heru
- R649-3-11. Directional Drill

COMMENTS:

Needs Qdr (03-30-06)

STIPULATIONS:

- 1- STATEMENT OF BASIS
- 2- Surface Csg Cont Stip



OPERATOR: ENDURING RES LLC (N2750)

SEC: 2 T. 11S R. 23E

FIELD: ROCKHOUSE (670)

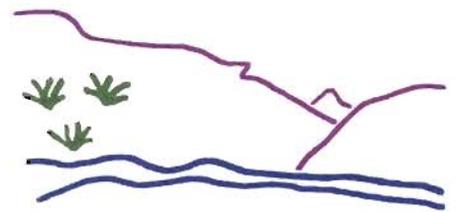
COUNTY: Uintah

CAUSE: 210-38 / 2-24-1999

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DJANA WHITNEY  
DATE: 06-MARCH-2006

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

**OPERATOR:** ENDURING RESOURCES, LLC  
**WELL NAME & NUMBER:** ROCK HOUSE 11-23-22-2 (NOTE: This is a vertical well planned of the same pad as the Rock House 11-23-21-2D, a directional well.)  
**API NUMBER:** 43-047-37867  
**LOCATION:** 1/4,1/4 SE/NW Sec: 2 TWP: 11S RNG: 23E 2468' FNL 1877 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:** 04-20-06

**Surface:**

The pre-drill investigation of the surface was performed on March 30, 2006. The Rock House 11-23-21-2D (a directional well will also be drilled from this location. The surface and minerals are both owned by SITLA. Jim Davis represented SITLA at the pre-site. 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. The selected location appears to be the best site for constructing a pad and drilling and operating a well in the immediate area. No significant stability problems are anticipated.

**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 11-23-22-2 (NOTE: This is a vertical well planned of the same pad as the Rock House 11-23-21-2D, a directional well.)

**API NUMBER:** 43-047-37867

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

**LOCATION:** 1/4, 1/4 SE/NW **Sec:** 2 **TWP:** 11S **RNG:** 23E 2468' FNL 1877 FWL

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

**GPS COORD (UTM):** 644277 E 4416861 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 11-23-22-2 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 ledge 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 sited.

## **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

**Valuation 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.

# 4-06 Enduring Rock House 1.-23-22-2

## Casing Schematic

Surface

8-5/8"  
MW 8.4  
Frac 19.3

TOC @  
0.  
228 Green River

1485  
Toe Tail

w/4% Washout  
\* Surface

TOC @  
1677.

Surface  
2000. MD

2745 Toe Tail

3158 Washout

4700 Bmsw

w/8% Washout

4963 Mesquite

4-1/2"  
MW 9.8

Production  
7435. MD

BHP

$$(0.057)(9.8)(7435) = 3788$$

Anticipate 3866

Giv

$$(0.12)(7435) = 892$$

$$\text{MAHP} = 2974$$

BOPE - 3,000 - ✓

Surf Csg - 2950

$$708 = 2065$$

Max pressure @ Surf Csg shoe = 2611

Test to 2065 ✓

(± 1200 psi surface pressure)

✓ Adequate (w/)

4/25/16

Well name:

**04-06 Enduring Rock House 11-23-22-2**

Operator: **Enduring Resources LLC**

String type: **Surface**

Project ID:  
43-047-37867

Location: **Uintah County**

**Design parameters:**

**Collapse**

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

**Burst**

Max anticipated surface pressure: 1,760 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,000 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**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: 1,748 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 93 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: Surface

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,435 ft  
Next mud weight: 9.800 ppg  
Next setting BHP: 3,785 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,000 ft  
Injection pressure 2,000 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	2000	8.625	24.00	J-55	ST&C	2000	2000	7.972	96.3
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	873	1370	1.570	2000	2950	1.48	42	244	5.82 J

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

Phone: 801-538-5280  
FAX: 810-359-3940

Date: April 24, 2006  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 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:

**04-06 Enduring Rock House 11-23-22-2**

Operator: **Enduring Resources LLC**

String type: **Production**

Project ID:  
43-047-37867

Location: **Uintah County**

**Design parameters:**

**Collapse**

Mud weight: 9.800 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 2,893 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 3,785 psi  
  
No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**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: 6,346 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 169 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 1,677 ft

Non-directional string.

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	7435	4.5	11.60	N-80	LT&C	7435	7435	3.875	172.3
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	3785	6350	1.678	3785	7780	2.06	74	223	3.03 J

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

Phone: 801-538-5280  
FAX: 810-359-3940

Date: April 24, 2006  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7435 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.

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

**ENDURING RESOURCES, LLC**

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

February 27, 2006

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

Attention: Ms. Diana Whitney

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

**Rock House 11-23-22-2  
SENE Sec. 2-T11S-R23E  
2,468' FNL – 1,877' FWL  
Lease #ML 47078  
Uintah County, Utah**

**Rock House 11-23-41-2  
Surface: SENE Sec. 2-T11S-R23E  
2,442' FNL – 1,876' FWL  
BHL: NENE Section 2-T11S-R23E  
1,260' FNL – 1,996' FWL  
Lease #ML 47078  
Uintah County, Utah**

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. The ***Rock House 11-23-22-2 is a vertical well,***
2. The ***Rock House 11-23-21-2 is a directional well*** to be drilled from the ***Rock House 11-23-22-2*** well pad, and
3. The subject wells' surface locations are only 25 feet apart.

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

- A. ***ERLLC grants itself permission to directionally drill the Rock House 11-23-21-2, 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  
MAR 02 2006**

DIV. OF OIL, GAS & MINING

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 3/27/2006 10:24:45 AM  
**Subject:** Well Clearance

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

ConocoPhillips Company

Utah 33-1074  
Utah 04-1139  
Utah 08-1148  
Utah 10-1154  
Utah 10-1155  
Utah 10-1156  
Utah 36-1012  
Utah 31-1068  
Utah 17-1176  
Utah 18-1178  
Utah 18-1179  
Utah 05-1142  
Utah 33-1072

Enduring Resources, LLC

Southam Canyon 10-25-12-32  
Southam Canyon 10-25-13-32  
Southam Canyon 10-25-22-32  
Southam Canyon 10-25-24-32  
Southam Canyon 10-25-31-32  
Southam Canyon 10-25-32-32  
Southam Canyon 10-25-33-32  
Southam Canyon 10-25-41-32  
Southam Canyon 10-25-42-32  
Southam Canyon 10-25-43-32  
Rock House 11-23-42-2  
Rock House 11-23-22-2

EOG Resources, Inc

Chapita Wells Unit 1173-2  
Chapita Wells Unit 1175-2

The Houston Exploration Company

North Horseshoe 3-16-6-21  
North Horseshoe 7-16-6-21  
North Horseshoe 9-16-6-21  
North Horseshoe 15-16-6-21  
North Horseshoe 11-16-6-21  
Significant site along pipeline/access road must be avoided.  
Recommendations of arch consultant must be followed.

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*

April 26, 2006

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

Re: Rock House 11-23-22-2 Well, 2468' FNL, 1877' FWL, SE 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 43-047-37867.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
SITLA

**Operator:** Enduring Resources, LLC  
**Well Name & Number** Rock House 11-23-22-2  
**API Number:** 43-047-37867  
**Lease:** ML-47078

**Location:** SE 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. 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.

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

6. Surface casing shall be cemented to the surface.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-47078</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 11-23-22-2</b>
9. API NUMBER: <b>4304737867</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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>	
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 350-5719</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2468' FNL - 1877' 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"/> 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.

This well has been drilled to total depth and production casing cemented and set.

A Completion Report is being filed showing cement and production casing data.

Tank battery, pipeline hook-up, and production equipment are currently being constructed and/or set in anticipation of completion of the well when a gas market becomes available.

The final well completion will be completed as soon as a gas market becomes available.

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

(This space for State use only)

**RECEIVED**  
**OCT 01 2007**

DIV. OF OIL, GAS & MINING

## 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 37867  
Rockhouse 11-23-22-2  
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

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**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: <b>ML-47078</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>n/a</b>
		7. UNIT or CA AGREEMENT NAME: <b>n/a</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Rock House 11-23-22-2</b>
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>		9. API NUMBER: <b>4304737867</b>
3. ADDRESS OF OPERATOR: <b>475 17th Street, Suite 1500</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 350-5719</b>	10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2468' FNL - 1877' 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>3/31/2008</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.

Well is on completion schedule waiting for BLM roads to dry.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>3/31/2008</u>

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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.

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-47078

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 11-23-22-2

2. NAME OF OPERATOR:

Enduring Resources, LLC

9. API NUMBER:

4304737867

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500 CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 350-5719

10. FIELD AND POOL, OR WILDCAT:

Undesignated

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2468' FNL - 1877' 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 on 2008 drilling schedule waiting for drilling rig.

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

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE 4/28/2008

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5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-47078

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

7. UNIT or CA AGREEMENT NAME:  
n/a

8. WELL NAME and NUMBER:  
Rock House 11-23-22-2

9. API NUMBER:  
4304737867

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. NAME OF OPERATOR:  
Enduring Resources, LLC

3. ADDRESS OF OPERATOR:  
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5719

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2468' FNL - 1877' 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: 5/27/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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>Notice of First Gas Sales</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.

5-24-2008 First gas sales on 5-24-2008. Well still cleaning up. 738 mcf/gpd, 250#'s FTP, 650#'s FCP.

Completion report to follow.

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

SIGNATURE  DATE 5/27/2008

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FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

3. ADDRESS OF OPERATOR: **475 17th Street, Suite 1500** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 350-5719**

4. LOCATION OF WELL: FOOTAGES AT SURFACE: **2468' FNL - 1877' FWL** COUNTY: **Uintah**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENW 2 11S 23E S** STATE: **UTAH**

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

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

7. UNIT or CA AGREEMENT NAME: **n/a**

8. WELL NAME and NUMBER: **Rock House 11-23-22-2**

9. API NUMBER: **4304737867**

10. FIELD AND POOL, OR WILDCAT: **Undesignated**

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: <b>5/1/2008</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" 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: <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.

5-15-2008 Well currently being treated and completed.

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

SIGNATURE  DATE 5/27/2008

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DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [ ] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47078

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

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: Rock house 11-23-22-02

2. NAME OF OPERATOR: Enduring Resources, LLC

9. API NUMBER: 4304737867

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

10 FIELD AND POOL, OR WILDCAT: Undesignated

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2468' FNL - 1877' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: same as above
AT TOTAL DEPTH: same as above

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

12. COUNTY Uintah 13. STATE UTAH

14. DATE SPUDDED: 5/25/2007 15. DATE T.D. REACHED: 5/31/2007 16. DATE COMPLETED: 5/24/2008
ABANDONED [ ] READY TO PRODUCE [x]

17. ELEVATIONS (DF, RKB, RT, GL): 5450 RKB

18. TOTAL DEPTH: MD 7,030 TVD
19. PLUG BACK T.D.: MD 6,956 TVD
20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 4

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously submitted.
SD, DSN

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

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

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

25. TUBING RECORD

Table with 9 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row: 2 3/8", 6,136.

26. PRODUCING INTERVALS

Table with 5 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD). Row (A) Mesaverde, 6,193, 6,845.

27. PERFORATION RECORD

Table with 10 columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Row: 6,193 6,845, .38", 78, Open [x] Squeezed [ ]

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

Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Row: 6193' - 6845', Placed 245,783 lbs Ottawa 30/50 proppant in Mesaverde formation.

29. ENCLOSED ATTACHMENTS:

Checkboxes for: ELECTRICAL/MECHANICAL LOGS, GEOLOGIC REPORT, DST REPORT, DIRECTIONAL SURVEY, SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION, CORE ANALYSIS, OTHER.

30. WELL STATUS:

Producing

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31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 5/24/2008		TEST DATE: 6/15/2008		HOURS TESTED: 528		TEST PRODUCTION RATES: →	OIL - BBL: 4	GAS - MCF: 564	WATER - BBL: 3	PROD. METHOD: 22 day avg
CHOKE SIZE: 17/64	TBG. PRESS. 250	CSG. PRESS. 550	API GRAVITY	BTU - GAS	GAS/OIL RATIO 159	24 HR PRODUCTION RATES: →	OIL - BBL: 3	GAS - MCF: 476	WATER - BBL: 0	INTERVAL STATUS: Producing

INTERVAL B (As shown in Item #26)

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

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

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

**SOLD**

33. SUMMARY OF POROUS ZONES (Include Aquifers):

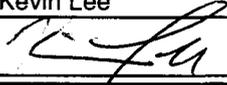
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Wasatch Mesaverde	197 3.117 4.836

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Kevin Lee TITLE Engineering Tech  
 SIGNATURE  DATE 6/16/2008

This report must be submitted within 30 days of

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

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

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

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



**Enduring Resources, LLC**

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

**Drilling Chronological**  
**Regulatory**

Well Name: <b>ROCK HOUSE 11-23-22-02</b>									
Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT				
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern				
Project AFE:	DV00291	AFEs Associated:	/ / /						
Daily Summary									
Activity Date :	5/3/2007	Days From Spud :	0	Current Depth :	40 Ft	24 Hr. Footage Made :	40 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	6.00	24	SDFN				0	0	NIH
12:00	4.00	02	MI PETE MARTIN AND DRILL 40 FT OF 20" CONDUCTOR. RUN 40 FT OF 14" CONDUCTOR AND CEMENT WITH 3 YARDS OF READYMIX				0	40	NIH
16:00	14.00	24	SDFN				40	40	NIH
Total:	24.00								
Daily Summary									
Activity Date :	5/9/2007	Days From Spud :	0	Current Depth :	1200 Ft	24 Hr. Footage Made :	1160 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	2.00	24	SDFN				40	40	NIH
8:00	22.00	02	DRILLING 12 1/4" HOLE TO 1200 FT. FRESH WATER AT 840 FT.				40	1200	NIH
Total:	24.00								
Daily Summary									
Activity Date :	5/10/2007	Days From Spud :	0	Current Depth :	2040 Ft	24 Hr. Footage Made :	840 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	24.00	02	ProPetro continued to drill 12 1/4" hole to 2040 ft.				1200	2040	NIH
Total:	24.00								
Daily Summary									
Activity Date :	5/11/2007	Days From Spud :	0	Current Depth :	2040 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	24.00	12	RUN 48 JTS OF 8 5/8" 32# J55 SURFACE CASING TO 2002 FT. BIG 4 CEMENTERS PUMPED 230 SX LEAD AND 225 SX TAIL CEMENT TOPPED WITH 150 SX . CEMENT HELD AT SURFACE.				2040	2040	NIH
Total:	24.00								

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**Well Name: ROCK HOUSE 11-23-22-02**

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern

**Daily Summary**

Activity Date :	<b>5/24/2007</b>	Days From Spud :	0	Current Depth :	2040 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	MOVE RIG TO LOC. 100% SET, RELEASE TRUCKS	2040	2040	NIH
18:00	12.00	01	HOOK UP PUMP LINES, N.U. BOP'S, ECT.	2040	2040	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	<b>5/25/2007</b>	Days From Spud :	0	Current Depth :	2040 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.00	01	FINISH RIG UP	2040	2040	NIH
14:00	4.00	15	R/U TESTER, TEST BOPE	2040	2040	NIH
18:00	4.00	15	TEST BOPE, 250 LO 1500 HIGH, 3000 PSI ON BLINDS AND VALVES	2040	2040	NIH
22:00	2.00	08	CHANGE OUT SWIVEL PACKING/ TEST SWIVEL, R.D.M.O. TESTER	2040	2040	NIH
0:00	1.50	21	R/U CALIBER AND HELD SAFETY MEETING	2040	2040	NIH
1:30	3.50	06	P/U HC 506Z BIT, MOTOR, RR, MONEL, RR, 12 DRILL COLLARS, 4 JTS H.W.D.P. AND DRILL PIPE, 700' OFF BOTTOM.	2040	2040	NIH
5:00	1.00	08	WORK ON ROTARY CHAIN / R.D.M.O. LAY DOWN MACHINE	2040	2040	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	<b>5/26/2007</b>	Days From Spud :	0	Current Depth :	2568 Ft	24 Hr. Footage Made :	528 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
	0.00			2040	2040	1
6:00	6.50	08	REPAIR ROTARY CHAIN AND GUARD, REPAIR CHAIN ON COMPOUND	2040	2040	NIH
12:30	0.50	07	SERVICE RIG	2040	2040	NIH
13:00	4.00	06	P/U DRILL PIPE, TIH, TAG TOP CEMENT @ 1,905	2040	2040	NIH
17:00	1.00	23	P/U KELLY ESTABLISH CIRCULATION, WASH AND DRILL CMT TO 1,915	2040	2040	NIH
18:00	0.50	21	DRILL CMT F/ 1915 T/ 1966 TAG FLOAT COLLAR,	2040	2040	NIH
18:30	1.00	21	DRILL CMT AND SHOE @ 2011	2040	2040	NIH
19:30	0.50	02	DRILL F/ 2040 T/ 2045, 5' NEW FORMATION, AND CIRCULATE CLEAN	2040	2045	1
20:00	0.50	21	PERFORM F.I.T. EMW 11 PPG 10 MIN HELD GOOD W/ NO LEAKS	2045	2045	1
20:30	1.00	02	DRILL F/ 2045 T/ 2135	2045	2135	1
21:30	0.50	10	RUN SURVEY @ 2064= 2.0 DEG, AZMT=159.9 CORRECTED	2135	2135	1
22:00	8.00	02	DRILL F/ 2135 T/ 2568	2135	2568	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2568		8.30	8.30	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0		WATER & GYP										

**RECEIVED**

**JUN 23 2008**

**Well Name: ROCK HOUSE 11-23-22-02**

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern

**Daily Summary**

Activity Date :	<b>5/27/2007</b>	Days From Spud :	0	Current Depth :	3782 Ft	24 Hr. Footage Made :	1214 Ft
Rig Company :	Ensign		Rig Name:	Ensign 79			
Formation :	Wasatch		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	DRILL F/ 2568 T/ 2599	2568	2599	1
7:00	0.50	10	RUN SURVEY @ 2,524' 2.0 DEG, AZMT= 178.4 CORRECTED	2599	2599	1
7:30	6.50	02	DRILL F/ 2599 T/ 3222	2599	3222	1
14:00	0.50	07	SERVICE RIG	3222	3222	1
14:30	3.50	02	DRILL F/ 3222 T/ 3315	3222	3315	1
18:00	6.50	02	DRILL F/ 3315 T/ 3595 / BOP DRILL	3315	3595	1
0:30	0.50	10	RUN SURVEY @ 3557 = 2.0 DEG, AZMT=178.4 CORRECTED	3595	3595	1
1:00	5.00	02	DRILL F/ 3595 T/ 3782	3595	3782	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2830	10:30	8.34	8.30	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.3%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	11.20	0.10	0.15	0.10	1450	450	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	88		WATER & GYP										

**Daily Summary**

Activity Date :	<b>5/28/2007</b>	Days From Spud :	0	Current Depth :	4529 Ft	24 Hr. Footage Made :	747 Ft
Rig Company :	Ensign		Rig Name:	Ensign 79			
Formation :	Wasatch		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	02	DRILL F/ 3782 T/ 4124	3782	4124	1
12:00	0.50	10	RUN SURVEY @ 4049 / NO SURVEY	4124	4124	1
12:30	0.50	02	DRILL F/ 4124 T/ 4155	4124	4155	1
13:00	0.50	10	RUN SURVEY @ 4080 1.6 DEG, AZMT = 183.2 CORRECTED	4155	4155	1
13:30	1.50	02	DRILL F/ 4155 T/ 4218	4155	4218	1
15:00	1.00	07	SERVICE RIG, INSTALL FUEL LINE TO # 1 LIGHT PLANT	4218	4218	1
16:00	2.00	02	DRILL F/ 4218 T/ 4249	4218	4249	1
18:00	4.50	02	DRILL F/ 4249 T/ 4342	4249	4342	1
22:30	0.50	08	ADJUST BREAKS	4342	4342	1
23:00	7.00	02	DRILL F/ 4342 T/ 4529, DRILLING AHEAD	4342	4529	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4033	10:00	8.45	8.45	28	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.05	0.10	0.05	0.10	1500	120	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	86		START MUD UP										

**RECEIVED**

**JUN 23 2008**

**Well Name: ROCK HOUSE 11-23-22-02**

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern

**Daily Summary**

Activity Date :	<b>5/29/2007</b>	Days From Spud :	0	Current Depth :	5276 Ft	24 Hr. Footage Made :	747 Ft
Rig Company :	Ensign		Rig Name:	Ensign 79			
Formation :	Mesaverde		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	07	SERVICE RIG, WORK ON BREAKS	4529	4529	1
6:30	11.50	02	DRILL F/ 4529 T/ 4840	4529	4840	1
18:00	4.50	02	DRILL F/ 4840 T/ 5026	4840	5026	1
22:30	1.00	10	RUN SURVEY @ 4992 = 1.6 DEG, AZMT = 181.2 CORRECTED	5026	5026	1
23:30	0.50	07	GREASE SWIVEL/ HOOK UP V/HOSE BETWEEN PUMPS	5026	5276	1
0:00	6.00	02	DRILL F/ 5026 T/ 5276	5276	5276	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4675	11:30	9.10	9.10	42	10	9	5/9/16	9.0	0.0	2	0.00	5.0%	95.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.17	0.25	0.15	0.20	1650	360	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	104		AT 05:30 A.M. MUD WEIGHT = 9.3, VIS = 43										

**Daily Summary**

Activity Date :	<b>5/30/2007</b>	Days From Spud :	0	Current Depth :	6147 Ft	24 Hr. Footage Made :	871 Ft
Rig Company :	Ensign		Rig Name:	Ensign 79			
Formation :	Mesaverde		Weather:				

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.00	02	DRILL F/ 5276 T/ 5556	5276	5556	1
13:00	1.00	10	RUN SURVEY @ 5481 = 2.0 DEG, AZMT = 179.3 CORRECTED	5556	5556	1
14:00	2.00	02	DRILL F/ 5556 T/ 5618	5556	5618	1
16:00	0.50	07	SERVICE RIG	5618	5618	1
16:30	1.50	02	DRILL F/ 5618 T/ 5650	5618	5650	1
18:00	3.50	02	DRILL F/ 5650 T/ 5836	5650	5836	1
21:30	3.00	08	RIG REPAIR- REPAIR CHAIN ON COMPOUND	5836	5836	1
0:30	5.50	02	DRILL F/ 5836 T/ 6147	5836	6147	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5588	13:30	9.20	9.20	47	16	14	6/13/22	6.7	0.0	1	0.00	5.8%	94.2%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
17.5	9.04	0.10	0.05	0.10	1400	320	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	106		05:00 A.M. MUD WEIGHT = 9.5, VIS = 45										

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JUN 23 2008

**Well Name: ROCK HOUSE 11-23-22-02**

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern

**Daily Summary**

Activity Date :	<b>5/31/2007</b>	Days From Spud :	6	Current Depth :	7030 Ft	24 Hr. Footage Made :	883 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.50	02	DRILL F/ 6147 T/ 6614	6147	6614	1
17:30	0.50	07	SERVICE RIG	6614	6614	1
18:00	11.00	02	DRILL F/ 6614 T/ 7030 T.D.	6614	7030	1
5:00	1.00	05	CIRCULATE AND CONDITION MUD	7030	7030	1
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6356	10:30	9.40	9.40	52	22	14	7/15/27	6.1	0.0	1	0.00	8.0%	92.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
20.0	9.47	0.20	0.05	0.10	1250	200	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	105		05:00 A.M. MUD WEIGHT 9.8, VIS 45, 10' FLARE										

**Daily Summary**

Activity Date :	<b>6/1/2007</b>	Days From Spud :	7	Current Depth :	7030 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	05	CIRCULATE AND CONDITION MUD, 10.3 IN 10.2 OUT VIS 44	7030	7030	1
9:00	1.00	10	RUN SURVEY @ 6970 = 1.8 DEG, AZMT = 148.4 CORRECTED	7030	7030	1
10:00	5.50	06	PUMP SLUG & SHORT TRIP TO SHOE AND BACK	7030	7030	1
15:30	2.50	05	CIRCULATE AND CONDITION MUD, CIRCULATE OUT 20' GAS FLARE	7030	7030	1
18:00	4.00	06	WIPER TRIP TO SHOE AND BACK TO BOTTOM	7030	7030	1
22:00	1.00	06	L/D REAMERS, M/MOTOR AND BIT	7030	7030	1
23:00	2.00	21	RIG UP H.E.S. / HELD SAFETY MEETING	7030	7030	1
1:00	5.00	11	RIH W/ 3.625 TRIPLE COMBO T.D. @ 7028' WLM, 1 ST RUN-MISS RUN. POOH L/D TOOLS, P/U NEW TOOLS, RIH, LOG UP.	7030	7030	1
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7030	7:30	10.20	10.20	45	18	13	4/13/24	5.9	0.0	2	0.00	8.4%	91.6%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
20.0	10.36	0.35	0.15	0.20	1050	160	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	94												

**RECEIVED**

**JUN 23 2008**

**Well Name: ROCK HOUSE 11-23-22-02**

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern

**Daily Summary**

Activity Date :	<b>6/2/2007</b>	Days From Spud :	8	Current Depth :	7030 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	11	OPEN HOLE LOG	7030	7030	1
18:00	1.00	11	L/D OPEN HOLE TOOLS, R/D H.E.S.WIRELINE	7030	7030	1
19:00	5.50	06	TIH W/ BIT, BREAK CIRCULATION TWICE	7030	7030	1
0:30	2.00	05	CIRCULATE AND CONDITION HOLE, 20' FLARE, R/U LAYDOWN, HELD SAFETY MEETING	7030	7030	1
2:30	3.50	06	L/D DRILL PIPE	7030	7030	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7030	11:00	10.30	10.30	50	21	12	13/25/33	6.8	0.0	1	0.00	8.4%	91.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
20.0	9.80	0.35	0.10	0.50	1100	160	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	94												

**Daily Summary**

Activity Date :	<b>6/3/2007</b>	Days From Spud :	9	Current Depth :	7030 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign			Rig Name:	Ensign 79		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	06	L/D DRILL PIPE AND BREAK KELLY AND L/D BHA	7030	7030	1
9:30	0.50	21	PULL WEAR BUSHING	7030	7030	1
10:00	1.00	12	R/U CASING CREW, HELD SAFETY MEETING	7030	7030	1
11:00	7.00	12	RUN 4.5", 11.60 M-80 CASING	7030	7030	1
18:00	3.00	05	SPACE OUT CASING, CIRCULATE GAS OUT OF WELL AND CONDITION MUD, R/D LAYDOWN AND CASING CREW	7030	7030	1
21:00	0.50	21	R/U SUPERIOR CMT, HELD SAFETY MEETING	7030	7030	1
21:30	3.00	12	TEST LINES 3000 PSI, PUMP SPACER, 145 SKS LEAD= 98.6 BBL, PUMP 1265 SKS TAIL = 275 BBL, SHUT DOWN WASH LINES, DROP PLUG DISPLACE W/ 107 BBL FRESH, BUMP PLUG 2500 PSI= 500 OVER.RELEASE PRESSURE FLOATS HOLDING	7030	7030	1
0:30	1.00	21	R.D.M.O. SUPERIOR	7030	7030	1
1:30	4.00	21	WASH PITS , RELEASE RIG	7030	7030	1
5:30	0.50	01	RIG DOWN	7030	7030	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7030	11:00	10.30	10.30	50	21	12	13/25/33	6.8	0.0	1	0.00	8.4%	91.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
20.0	9.80	0.35	0.10	0.50	1100	160	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	94												

**RECEIVED**

**JUN 23 2008**

**Well Name: ROCK HOUSE 11-23-22-02**

Field Name:	Utah Wildcat	S/T/R:	2/11S/23E	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	SENW-2-11S-23E	District:	Northern

**Daily Summary**

Activity Date :	<b>6/4/2007</b>	Days From Spud :	10	Current Depth :	7030 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign	Rig Name:	Ensign 79				
Formation :	Mesaverde	Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	RIG DOWN	7030	7030	1
18:00	12.00	21	WAIT ON DAYLIGHT	7030	7030	1
Total:		24.00				

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7030	11:00	10.30	10.30	50	21	12	13/25/33	6.8	0.0	1	0.00	8.4%	91.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
20.0	9.80	0.35	0.10	0.50	1100	160	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	94												

**Daily Summary**

Activity Date :	<b>7/25/2007</b>	Days From Spud :	61	Current Depth :	7030 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Ensign	Rig Name:	Ensign 79				
Formation :		Weather:					

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	24	SDFN	7030	7030	1
12:00	3.00	11	MI EXCEL WIRELINE AND RUN CBL OFF HALLIBURTON OPEN HOLE LOG. PBD 6950, TOC 750.	7030	7030	1
15:00	15.00	24	SDFN	7030	7030	1
Total:		24.00				

**Formation**

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

**Casing**

Date In	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	Hole Diam	TD
5/10/2007	2002	48	3. Surface	8.625	32	J-55		12.25	2040

Stage: 1, Lead, 0, 230, 16% GEL AND 1/4# FLOWCELE, Class G, 3.85, 11.1

Stage: 1, Tail, 0, 225, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8

Stage: 1, , 0, 150, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8

Date In	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	Hole Diam	TD
5/30/2007	7000.03	164	5. Production	4.5	11.6		4	7.875	7030

Stage: 1, Lead, 0, 145, 16% GEL, 25#SK SUPERFLAKE, 1% SUPERSIL, 10#SK-GILSONITE, 2% SUPER CR-1, 3% SALT, Class A, 3.81, 11

Stage: 1, Tail, 0, 1265, 50/50 POZ, 2% GEL, 5% SALT, 3% SUPER FL-200, 25#SK SUPERFLAKE, 2% CR-1, Class H, 1.22, 14.3

Stage: 1, Displacement, 107, 0, FRESH / BUMP PLUG 500 OVER, , 0, 0

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**JUN 23 2008**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-47078</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 11-23-22-2</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>4304737867</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2468' FNL - 1877' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 2 11S 23E S</b>		COUNTY: <b>Uintah</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 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: <b>11/12/2008</b>	<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>Pits Closed.</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.

11-12-2008 Pits have been back filled and closed.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>11/12/2008</u>

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**RECEIVED**  
**NOV 17 2008**  
**DIV. OF OIL, GAS & MINING**

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: 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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: n/a
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: Rock House 11-23-22-2
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304737867
PHONE NUMBER: (303) 350-5114		10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2468' FNL - 1877' 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/6/2008	<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 checked="" 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>Workover - Lower Tubing</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.

Commencing 12-6-2008.

MIRU, kill well with 15 bbls production water.  
Lower tubing from 6,136' to 6,646'.  
Swabbed well back, and turned over to Pumper, Released Rig 1-9-2008.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>1/26/2009</u>

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**FEB 10 2009**  
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**RECEIVED**  
**FEB 02 2009**  
DIV. OF OIL, GAS & MINING

**Well Name : ROCK HOUSE 11-23-22-02**

Prospect:				AFE #:	DV00291	
Sec/Twp/Rge:	2 / 11S / 23E			AFE Total:	\$1,469,575	
API #:	430473786700	Field:	Utah Wildcat	This AFE Cost:	\$1,030,255	
Work Type:	Completion	County, St.:	UINTAH, UT	Tot Assoc AFE's:	\$1,030,255	
Operator:	Enduring Resources LLC	Supervisor:	Mike Reid	Phone:	435-828-5989	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	12/6/2008	Days:	205	DC :	\$652	CCC:	\$305,913	CWC:	\$1,021,016
Activity:	rig		Rig Name:	Basic Rig # 1629					

Daily Report Summary :									
Daily Report Detail:	Remarks								
From 14:00 To 15:30	1.5 hrs	Category/Rmks:	Move In / Rig UP : moved rig from Rainbow 11-24-21-20 to location spotted Basic Energy Service rig # 1629 & equipment						
		Category/Rmks:	Energy Service rig # 1629 & equipment						

Date :	12/9/2008	Days:	208	DC :	\$9,239	CCC:	\$315,152	CWC:	\$1,030,255
Activity:	Lowering Tbg		Rig Name:	STONE WELL SERVICE #5					

Daily Report Summary :	Lowered tbg in well swabbed well back on to production								
Daily Report Detail:	Remarks								
	Safety meeting w/ Basic rig crew								
	well open to sale fwp 325 psi bled off tbg pressure to production tank r.u rig								
	r.u pump line to tbg & pumped @ 15 bbls production wtr down tbg to kill								
	n.d well head tree n.u bops								
	"stripped tbg hanger from well head tallied & p.u 16 tbg Used 2 3/8" tbg tally of 512.31' to lower Eot to @ 6646' w/ 16' K.B stripped hanger back in well head landed tbg back on hanger"								
	n.d bops n.u well head tree dropped soap sticks								
	r.u swab to recover @ 15 bbls production wtr pumped initial fluid level @ 6000' made 6 swab runs								
	recovered @ 18 bbls fluid ending gas cut fluid level @ 1800' turned well back to sale ending sicmp 675 psi ftp to sale 150 psi								
	racked out equipment r.d Basic rig prepped & moved & equipment to DWR 12-23-31-21								
From 7:00 To 7:15	0.25 hr	Category/Rmks:	Safety Meeting : Safety meeting w/ Basic rig crew						
From 7:15 To 8:10	0.92 hr	Category/Rmks:	Rig Up : well open to sale fwp 325 psi bled off tbg pressure to production tank r.u rig						
From 8:10 To 8:30	0.33 hr	Category/Rmks:	Kill Well : r.u pump line to tbg & pumped @ 15 bbls production wtr down tbg to kill						
From 8:30 To 9:10	0.67 hr	Category/Rmks:	Nipple Down : n.d well head tree n.u bops						
From 9:10 To 9:50	0.67 hr	Category/Rmks:	Trip In Open-Ended : stripped tbg hanger from well head tallied & p.u 16 tbg Used 2 3/8" tbg tally of 512.31' to lower Eot to @ 6646' w/ 16' K.B stripped hanger back in well head landed tbg back on hanger						
From 9:50 To 10:30	0.67 hr	Category/Rmks:	Nipple Down : n.d bops n.u well head tree dropped soap sticks						
From 10:30 To 13:00	2.5 hrs	Category/Rmks:	Swab Well : r.u swab to recover @ 15 bbls production wtr pumped initial fluid level @ 6000' made 6 swab runs recovered @ 18 bbls fluid ending gas cut fluid level @ 1800' turned well back to sale ending sicmp 675 psi ftp to sale 150 psi						
From 13:00 To 14:30	1.5 hrs	Category/Rmks:	Rig Down : racked out equipment r.d Basic rig prepped & moved & equipment to DWR 12-23-31-21						

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
5/10/2007	2002	48	3. Surface	8.625	32	J-55		12.25	2040
Stage: 1, Lead, 0, 230, 16% GEL AND 1/4# FLOWCELE, Class G, 3.85, 11.1									
Stage: 1, Tail, 0, 225, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
Stage: 1, , 0, 150, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
5/30/2007	7000.03	164	5. Production	4.5	11.6		4	7.875	7030
Stage: 1, Lead, 0, 145, 16% GEL, 25#SK SUPERFLAKE, 1% SUPERSIL, 10#SK-GILSONITE, 2% SUPER CR-1, 3% SALT, Class A, 3.81, 11									
Stage: 1, Tail, 0, 1265, 50/50 POZ, 2% GEL, 5% SALT, 3% SUPER FL-200, 25#SK SUPERFLAKE, 2% CR-1, Class H, 1.22, 14.3									
Stage: 1, Displacement, 107, 0, FRESH / BUMP PLUG 500 OVER, , 0, 0									

**Perforation**

Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
5/16/2008	Mesaverde	Open	6842	6845	2	
5/16/2008	Mesaverde	Open	6838	6840	2	
5/16/2008	Mesaverde	Open	6834	6836	2	
5/16/2008	Mesaverde	Open	6772	6775	2	
5/16/2008	Mesaverde	Open	6750	6752	2	

6136' EOT → 6646' EOT

**Well Name : ROCK HOUSE 11-23-22-02**

Prospect:				AFE #:	DV00291	
Sec/Twp/Rge:	2 / 11S / 23E			AFE Total:	\$1,469,575	
API #:	430473786700	Field:	Utah Wildcat	This AFE Cost:	\$1,030,255	
Work Type:	Completion	County, St.:	UINTAH, UT	Tot Assoc AFE's:	\$1,030,255	
Operator:	Enduring Resources LLC	Supervisor:	Mike Reid	Phone:	435-828-5989	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

5/16/2008	Mesaverde	Open	6736	6738	2
5/16/2008	Mesaverde	Open	6705	6708	2
5/16/2008	Mesaverde	Open	6304	6306	2
5/16/2008	Mesaverde	Open	6296	6302	2
5/16/2008	Mesaverde	Open	6245	6247	2
5/16/2008	Mesaverde	Open	6232	6237	2
5/16/2008	Mesaverde	Open	6202	6207	2
5/16/2008	Mesaverde	Open	6193	6195	2