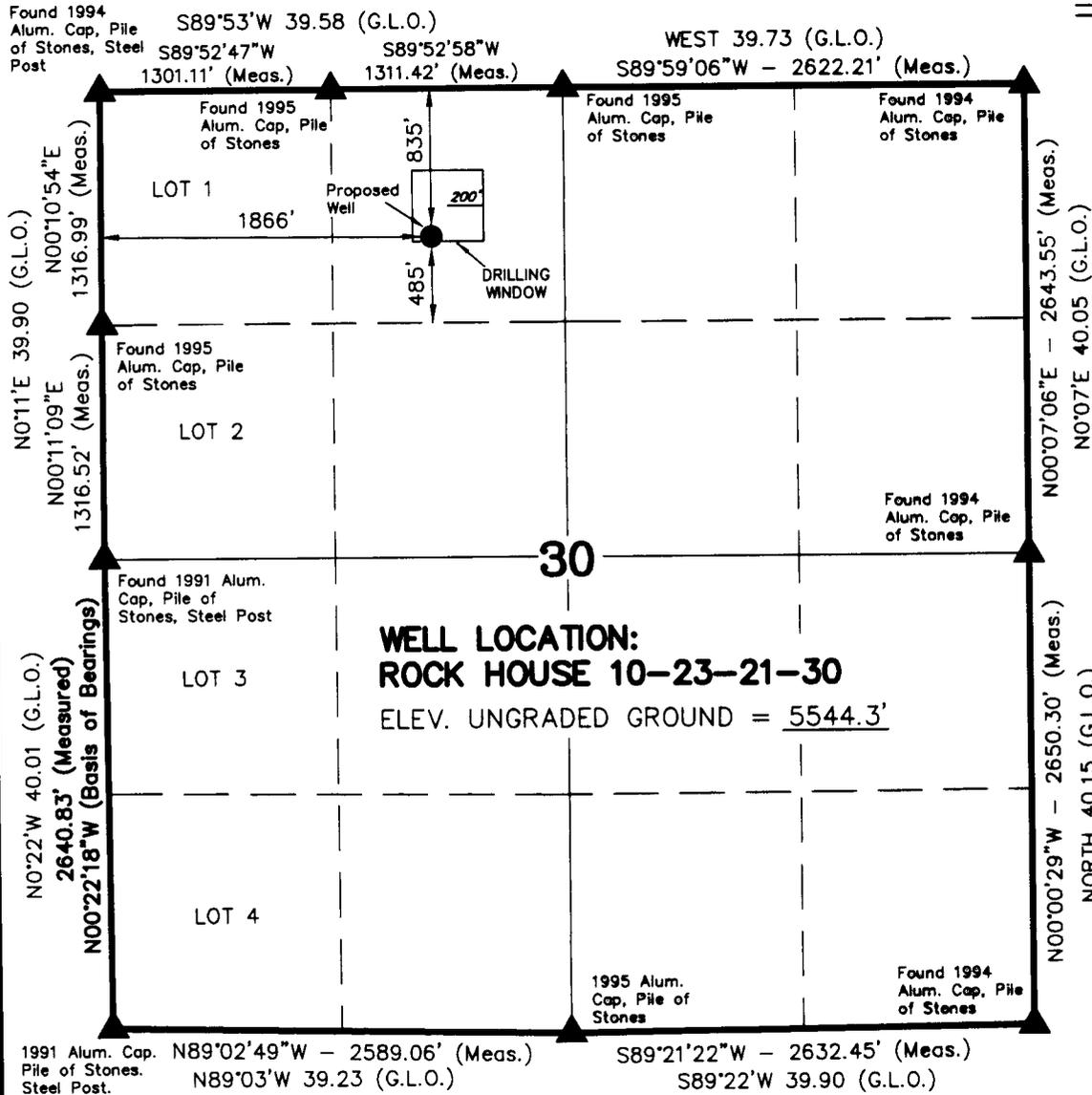


T10S, R23E, S.L.B.&M.

ENDURING RESOURCES



WELL LOCATION, ROCK HOUSE
 10-23-21-30, LOCATED AS SHOWN IN
 THE NE 1/4 NW 1/4 OF SECTION 30,
 T10S, 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.



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.

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

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

DATE SURVEYED: 12-21-05	SURVEYED BY: K.R.K.	SHEET 2a OF 11
DATE DRAWN: 12-30-05	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

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

ROCK HOUSE 10-23-21-30
 (Proposed Well Head)
 NAD 83 Autonomous
 LATITUDE = 39° 55' 29.32"
 LONGITUDE = 109° 22' 20.16"



Enduring Resources

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

February 24, 2006

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

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC
Rock House 10-23-21-30
NENW Sec 30-10S-23E
Uintah County, Utah
Lease # FEE

Dear Ms. Whitney:

Enclosed are two original applications to drill concerning the above-referenced proposed well.

1. This well pad may be used to drill five wells,
2. Enduring has a surface use agreement with American Gilsonite.

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

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

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian
Landman-Regulatory Specialist

ara
Enclosures:

FEB 27 2006

Enduring Resources, LLC
475 Seventeenth Street, Suite 1500
Denver, Colorado 80202
Office: 303-573-1222
Facsimile: 303-573-0461

February 23, 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: Exception and Directional Drilling Wells' Locations
Uintah County, Utah**

Dear Ms. Whitney:

The surface location for the following wells will only be 25' apart.

1. Rock House 10-23-21-30 Well

Surface:	835' FNL - 1,866' FWL	Fee
BHL:	Same	Fee

2. Rock House 10-23-31-33 Well

Surface:	810' FNL - 1,870' FWL	Fee
BHL:	660' FNL - 1,980' FEL	Fee

3. Rock House 10-23-11-33 Well

Surface:	860' FNL - 1,862' FWL	Fee
BHL:	660' FNL - 660' FWL	UTU-76281

4. Rock House 10-23-12-33 Well

Surface:	884' FNL - 1,858' FWL	Fee
BHL:	1,980' FNL - 660' FWL	UTU-76281

5. Rock House 10-23-31-22 Well

Surface:	909' FNL - 1,854' FWL	Fee
BHL:	1,980' FNL - 1,980' FWL	UTU-81737

Exception and Directional Drilling Wells' Locations

February 23, 2006

Page No. 2

Enduring Resources, LLC is the only lease owner within 460 feet from the surface locations, bottom hole locations and all points along the intended well bores. Therefore...

- Enduring Resources grants itself permission to directionally drill these wells, and
- Enduring Resources grants itself permission for the wells' exception 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).

Very truly yours,

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Enduring Resources, LLC

Rock House 10-23-21-30
NENW 30-10S-23E
Uintah County, Utah
Lease # FEE

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	1,147'
Wasatch	3,897'
Mesaverde	5,935'

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

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5550'	
Oil	Green River	1,147'
Oil /Gas	Wasatch	3,897'
Oil /Gas	Mesaverde	5,935'
	Estimated TD	8,435'

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 – 8,435' (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)
8435' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.45 (d)	7780/1.93 (e)	223/2.65 (f)

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

PROPOSED CEMENTING PROGRAM

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

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

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

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

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

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

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	1781	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	156	25	11.0	3.3
4-1/2"	Tail	4938	50/50 POZ Class G + 2% gel + 1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	901	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'-8435' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

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

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

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

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

7. Abnormal Conditions:

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

Maximum anticipated bottom hole pressure equals approximately 4,386 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,531 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.

RIGHT-OF-WAY and DAMAGE AGREEMENT

THIS AGREEMENT is made and entered into by and between, AMERICAN GILSONITE COMPANY, (hereinafter referred to as "Grantor") and ENDURING RESOURCES, LLC (hereinafter referred to as "Grantee") effective April 15, 2005

WHEREAS, Grantor is the surface owner of NENW Section 30 Township 10 South, Range 23 East, Uintah County, Utah (hereinafter referred to as the "Land(s)").

WHEREAS, Grantee desires to enter onto and cross such Lands for the purpose of drilling an exploratory oil and/or gas well, Rock House 10-23-21-30 ("Well"), located in the NENW, Section 30 Township 10 South, Range 23 East, Uintah County, Utah (hereinafter referred to as the "Drillsite"). In addition, there will be four directional wells drilled from the same pad as the Rock House 10-23-21-30, they are: Rock House 10-23-31-30; Rock House 10-23-11-30; Rock House 10-23-12-30; and Rock House 10-23-22-30.

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- I. Grantee shall pay Grantor the sum of \$3,000.00 up front payment for damages to surface of the Lands for road access to the Drillsite and for the Drillsite for the drilling of the Well. Within sixty days of completion of the Well either as a producer or a plugged and abandoned well, Grantee shall survey the new access road and the Drillsite to compensate Grantor for any additional damage that may have occurred during drilling and completion operations. Compensation will be on a \$3,000.00 per acre cost for any damages exceeding 4.0 acres and such compensation, if due, will be paid within thirty (30) days of the surveyor's report being released. Grantee shall utilize existing access routes to the maximum extent feasible, so as to minimize surface disturbances for access to facilities.
- II. Grantee and their assigns or agents shall have the right to use a reasonable amount of access road across the Lands and shall have the right to move derricks, drilling tools, vehicles, and all other machinery and equipment necessary or incident to the re-drilling, drilling, testing completion, operation of the Well. Such activity shall be restricted to existing public roads or access roads covered by this agreement. Any roads or surface facilities may be relocated at Grantor's expense if needed due to gilsonite mining or processing in the future.
- III. This Agreement and the rights granted herein are effective and shall continue in full force and effect so long as operations are conducted on the Well. Upon execution of this Agreement, all payments due hereunder shall be paid concurrently. Operations are defined under terms of the oil and gas lease with Grantor, and under the Rules and Regulations defined by the State of Utah.
- IV. Cattle guards and gates will be constructed, if requested by Grantor, at all places where the openings go through the existing fences and gates will be kept closed at all times except when opened for passage of traffic. Also, gates shall be installed to limit access to producing wells on roads constructed by Grantee if by mutual agreement between Grantee and Grantor.

RECEIVED

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DIV. OF OIL, GAS & MINING

- V. If there is any fill used for roads constructed across any drainage, then culverts will be used for the free flow of water through said drainage.
- VI. If the access road departs from existing established roadways and new construction is required, topsoil will be segregated and stockpiled for replacement during reclamation activities.
- VII. It is understood that any road constructed across the said Lands shall not exceed 30 feet in total width, including the total disturbed area between the outside of each berm, without the prior approval of Grantor.
- VIII. Upon completion of the Well as a dry hole and the subsequent abandonment thereof, and at the request of the Grantor, and drill pads and newly constructed road will be restored and seeded within 180 days to the condition it was in prior to commencement of operations insofar as reasonably possible. Any preexisting roads, and the improvements thereto, which are constructed by Grantee, shall be left in a good and useable condition for the continued use by Grantor. Reclaimed areas will be reseeded with a wildlife mixture approved by the Utah Division of Wildlife.
- IX. In the event that the Well is completed as a producer of oil and/or gas, Grantee shall build and maintain a permanent access road in conformance with the already established county road including any variances granted by the county by existing roads to the Drillsite. Disturbed areas not used for production will be regraded and seeded with an approved wildlife seed mix within 90 days unless prohibited by weather.
- X. Upon completion of the Well as a well capable of oil and/or gas production, this Agreement shall continue in full force and effect and Grantee shall pay in advance to Grantor an annual access rental of \$3,000, \$2,000 per pad and \$1,000 per acre of roadway (30-foot width, or a minimum of \$3,000 to include the pad and roadway for each well, whichever is greater, on or before January 31st of each year thereafter until the subject well is plugged and abandoned and operations cease thereon.
- XI. It is expressly understood that the settlement amounts in paragraph I are only for construction of a road and drilling location and it is not a settlement for any damages to contiguous property, personal property of the Grantor or a release of any personal injuries that may be sustained by reason of the operations carried on by Grantee or its agents.
- XII. This Agreement does not cover pipeline easements and Grantee acknowledges that it must secure a separate agreement prior to laying pipeline related to production of gas or oil on Grantor's lands.
- XIII. This Agreement shall not be assigned, nor the rights of Grantee hereunder transferred in any manner without the prior written consent of Grantor, which consent shall not be unreasonably withheld.
- XIV. Grantee shall comply at its own expense with the Workman's Compensation Law of the State of Utah and shall maintain such insurance throughout the duration of

this Agreement, and shall furnish Grantor prior to beginning work on the Lands evidence of such insurance and at each policy period thereafter renewal evidence that such insurance is being maintained. Grantee, with respect to its operation in connection with this Agreement, shall also purchase or provide for (1) comprehensive general public liability insurance with a combined single limit not less than One Million Dollars (\$1,000,000) for bodily injury and property damage; and (ii) automobile insurance with a combined single limit of not less than One Million Dollars (\$1,000,000) for bodily injury or property damage. At Grantor's request, Grantee shall furnish Grantor with a certificate or certificates of insurance secured and maintained hereunder and Grantor shall be an additional insured thereon.

- XV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this Agreement by Grantee, or its agents, contractors, or employees, or (2) as a result of Grantee or its agents, contractors or employees performing on the Drillsite or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the Lands and the Drillsite to conduct any work or service for Grantee shall reimburse, indemnify, defend and hold harmless Grantor for any and all losses, costs, claims, liability, litigation, demands, damages and expenses (including all attorney fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including all attorney fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents.
- XVI. Grantee shall provide Grantor with not less than forty-eight (48) hours advance notice, either by phone or in person, of Grantee's intent to enter upon the Land for the purpose of commencing operations thereon. Grantee shall conduct its operations in such a manner as to use no more Land than is reasonably necessary and shall use all reasonable efforts not to interfere with the use of the Land by any grazing permittees. All drilling fluid pits shall be fenced within ten days of end of drilling the Well as a producer or dry hole and then the pits will be reclaimed and reseeded within 180 days of the completion of the well as a producer or a dry hole. Surface structures shall be fenced, if they represent a potential hazard to livestock, by mutual agreement between Grantor and Grantee. The type of fencing to be mutually agreed upon by Grantor and Grantee. Grantee will have ten days to effect repairs or problems with fences when notified by e-mail or in writing by Grantor. Grantor can request an extension of the closure of pits beyond the 180 days from the completion of the Well if closing the pits represents a potential hazard or closing the pits at that time will not comply with the State of Utah's reclamation requirements. An extension will not be unreasonably withheld.
- XVII. Grantee shall have the right at any time, and from time to time, to remove any or all property, fixtures, equipment and materials, placed by Grantee on the Land, including the right to draw and remove casing. Within 90 days after plugging of the Well this agreement will expire and Grantee shall remove all remaining property, fixtures, equipment and materials that were placed by Grantee on the Land. Such removal shall be accomplished at Grantee's sole cost, risk and

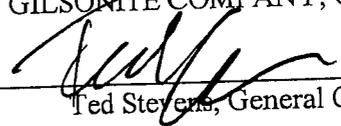
expense. If such items are not removed within 90 days, Grantor shall have the right to remove those items from the Land and bill the associated cost for such removal to Grantee.

- XVIII. This agreement restricts the Grantee's use of Grantor's lands to the sole purpose of exploration and production of oil and/or gas at this specific site. It does not grant Grantee, its contractors, or its agents the right to use the Grantor's property for any other purpose.
- XIX. All operations of Grantee hereunder which involve drilling for and producing of oil and gas, or both, or the cessation, or abandonment, of its operations shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state and local statutes and regulations including specifically, but not by way of limitation, such laws and regulations governing the operation, maintenance and reclamation of well sites, pipelines, tank batteries, and other related facilities as may be utilized by Grantee and its operations hereunder. Grantee shall further adhere to and abide by all federal, state and local environment statutes and regulations addressing air, water, and solid waste pollution and the handling storage, storage use and disposal of hazardous substances as prescribed in the Comprehensive Environmental Response, Compensation and Liability Act of 1986, 42 U.S.C. & 9601, et seq. (CERCLA). Grantee shall provide Grantor with copies of all applications for environmental laws, governmental requests for any information pertaining to environmental issues relating to the Land or products produced therefrom or Grantee's use thereof, copies of any responses from Grantee's to said requests, and any environmental investigations, reports, or studies involving the Land or products produced therefrom or the use thereof by Grantee which from time to time, may be obtained from Grantee.
- XX. Grantee also agrees to abide by the laws of regulations of the State of Utah designed to protect gilsonite deposits, including but not limited to those specific rules set forth in the General Rules and Regulations of the Utah Board of Oil, Gas and Mining, as amended, pertaining to such matters.
- XXI. The provisions hereof shall be considered as covenants running with the Land during the life of the Agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.
- XXII. This Agreement shall not be terminated in whole or in part, nor Grantee held liable for damages, because of a temporary cessation of production of drilling operations due to breakdown of equipment or due to the repairing of a well or wells or because of failure to comply with any of the express provisions or implied covenants of this Agreement if such failure is the result of the exercise of governmental authority, war, armed hostilities, act of God, strike, civil disturbance, fire, explosion, flood or any other cause, including lack of market, beyond the control of Grantee.
- XXIII. Any controversy or claim, whether based in contract, tort or otherwise arising in any way out of, relating to on in connection with this Agreement (a "Dispute") shall be finally settled by arbitration conducted expeditiously in accordance with the Commercial Arbitration Rules (the "Rules") of the American Arbitration

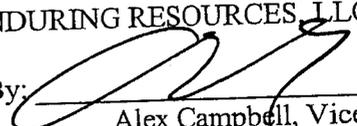
Association (the "AAA"). In the event of a conflict between this Article and the Rules, this Article shall govern. The attorney/client and work product privileges will be honored in the arbitration as though the case were being determined in a Utah state court. The arbitration shall be conducted before one independent and impartial arbitrator selected by the AAA pursuant to the Rules. The arbitration shall be governed by the United States Arbitration Act, 9 U.S.C. 1-16, to the exclusion of any provision of Utah law inconsistent therewith and which would produce a different result, and judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof. The place of arbitration shall be Salt Lake City, Utah, and the cost of the arbitration proceeding shall be borne equally by the parties to this agreement and each party shall bear its own attorney's fees, and other expenses, provided that the arbitrator may award attorney fees, filing fees, and costs to the prevailing party as the arbitrator deems reasonable and fair. The arbitrators shall determine the claims of the parties and render their final award in accordance with the substantive law of the State of Utah exclusive of its conflict of law rules. The limitations of any actions will be determined under Utah law. The arbitrator shall permit and facilitate such discovery as the arbitrator determines is appropriate in the circumstances, taking into account the needs of the parties and the desirability of making discovery expeditious and cost-effective. The arbitrator shall actively manage the proceedings as the arbitrator deems best so as to make the proceedings fair, expeditious, economical, and less burdensome than litigation. The procedures specified in this section shall be the exclusive means of resolution of Disputes between the parties, provided that either party may seek injunctive action before a court of competent jurisdiction to prevent the occurrence of irreparable harm pending resolution of a Dispute pursuant to the provisions of this section.

XXIV. This agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

AMERICAN GILSONITE COMPANY, Grantor

By: 
Ted Stevens, General Counsel

ENDURING RESOURCES, LLC, Grantee

By: 
Alex Campbell, Vice President

Enduring Resources, LLC

Rock House 10-23-21-30
NENW 30-10S-23E
Uintah County, Utah
Lease # FEE

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Rock House 10-23-21-30 Well Pad

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 MILES TO A CLASS D COUNTY ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 2.1 MILES TO A CLASS D COUNTY ROAD; EXIT LEFT AND PROCEED IN AN SOUTHWESTERLY DIRECTION ALONG THE COUNTY D ROAD APPROXIMATELY 1.7 MILES TO A SECOND CLASS D COUNTY ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE SECOND CLASS D ROAD APPROXIMATELY 2.0 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 80.3 MILES IN A SOUTHEASTERLY DIRECTION.

2. Planned Access Roads:

Access off-lease across federal lands to this well pad is being permitted under two directional wells' APD's to be drilled from this pad to federal minerals. No BLM r-o-w will be requested.

The proposed access road will be approximately 12,195 feet of new construction of which only 245 feet is ON-LEASE. However, the balance of the new construction is on Federal Lease Numbers UTU-76281 or UTU-81737 and nine Federal wells will be drilled using this same lease road. Two directional federal wells will be drilled from this same well pad and all new access road on the federal leases shall be permitted on those leases as soon as directional drilling plans can be prepared. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

No application for a BLM road r-o-w is being submitted to the BLM.

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. | None: | Producing Wells: |
| 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. | Nine: | Pending (staked) Wells: |
- Enduring Resources, LLC is permitting nine other Wells in Section 30.
See Plat "C" attached.

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 Desert Tan. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

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

Gas Gathering Pipeline: ON-LEASE 240' American Gilsonite
 OFF-LEASE 11,955' Bureau of Land Management

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 12,195 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- a. ON-LEASE approximately 240 feet, and
- b. OFF-LEASE approximately 11,955 feet
 - i. 6 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road going approximately 12,195' south, and then tie-in directly to an proposed pipeline which will be located the center of the south quarter corner of Sec 31, T10S-R23W.

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

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

5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Enduring Resources LLC Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not authorized, then one of the two following sources shall be used: Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496.

*Enduring Water Permit Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

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

No water well is to be drilled on this lease.

6 Source of Construction Materials:

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

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

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

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

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

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

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

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

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

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

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

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

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser

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

8. Ancillary Facilities:

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

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

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

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

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

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

All pits shall be fence to the following minimum standards:

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

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion, 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 BLM and American Gilsonite.

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

Wellsite: American Gilsonite

Access: American Gilsonite and Bureau of Land Management

Pipeline: American Gilsonite and Bureau of Land Management

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

To be scheduled by DOG&M. An on-site with the BLM is also pending

Special Conditions of Approval:

Tanks and Production Equipment shall be painted as requested by the BLM.

Archeology:

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

Paleontology:

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

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

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

Representatives:

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

Frank Hutto
Vice President – Operations
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5102
Fax Tel: 303-573-0461
fhutto@enduringresources.com

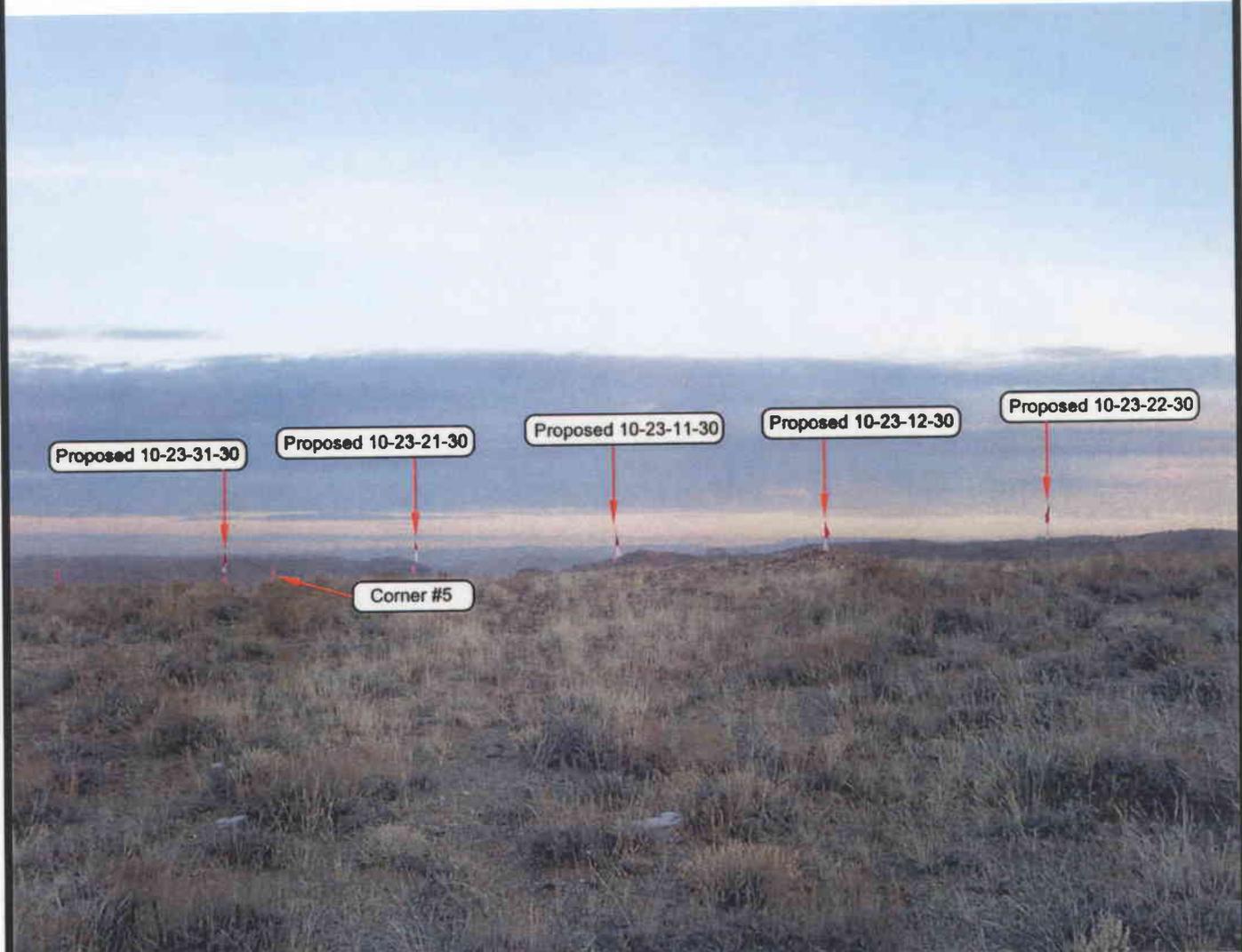


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

ENDURING RESOURCES

Rock House 10-23-21-30,
 Rock House 10-23-31-30, Rock House 10-23-11-30,
 Rock House 10-23-12-30 & Rock House 10-23-22-30
 SECTION 30, T10S, R23E, S.L.B.&M.
 835' ENL & 1866' FWL

LOCATION PHOTOS

TAKEN BY: K.R.K.	DRAWN BY: M.W.W.	DATE TAKEN: 12-21-05
		DATE DRAWN: 01-04-05
		REVISED:

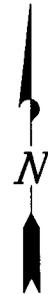
Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
 1
 OF 11

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT

**ROCK HOUSE 10-23-21-30, ROCK HOUSE 10-23-31-30,
ROCK HOUSE 10-23-11-30, ROCK HOUSE 10-23-12-30
& ROCK HOUSE 10-23-22-30**



SURFACE POSITION FOOTAGES:

- ROCK HOUSE 10-23-31-30
810' FNL & 1870' FWL

- ROCK HOUSE 10-23-21-30
835' FNL & 1866' FWL

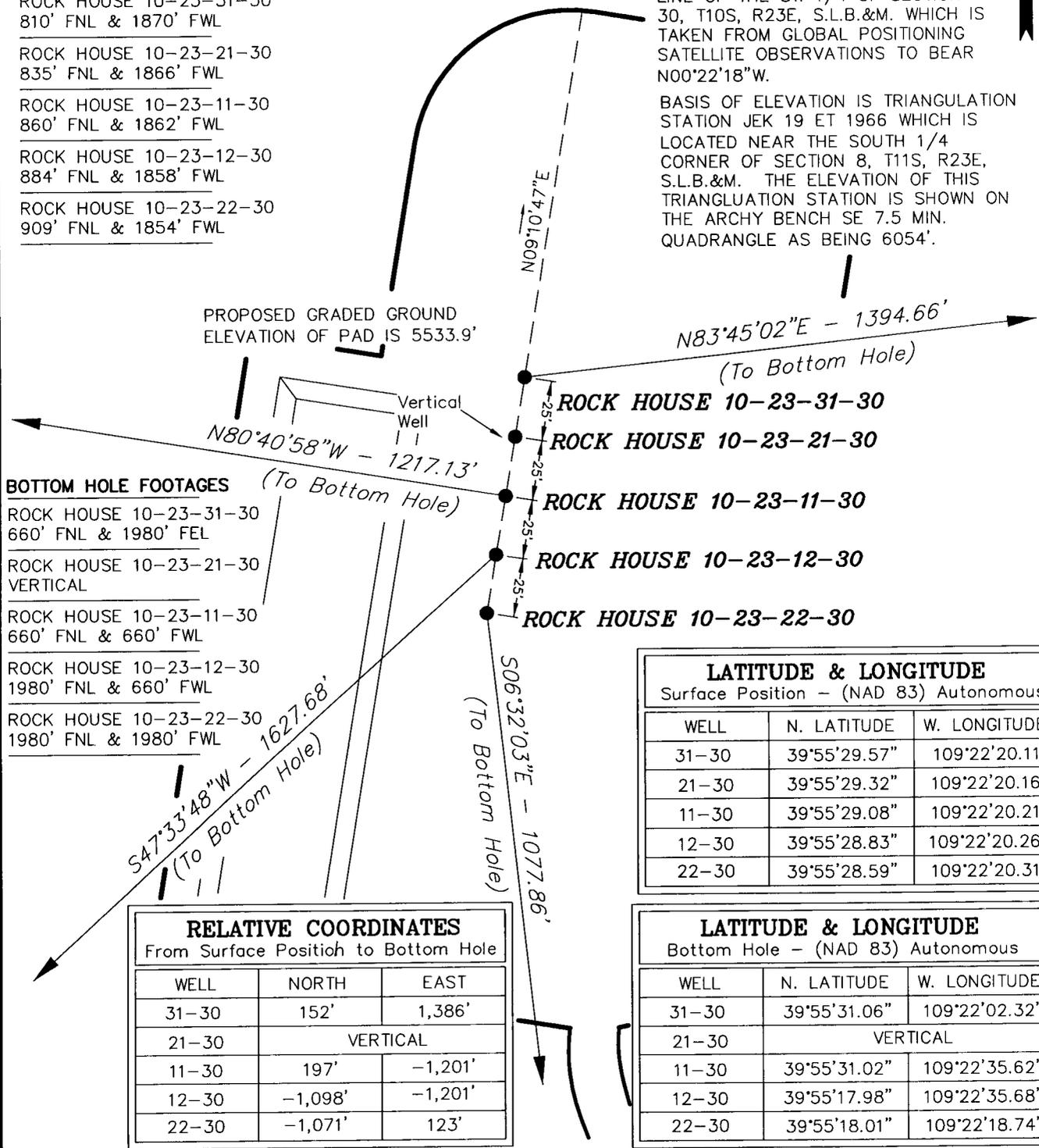
- ROCK HOUSE 10-23-11-30
860' FNL & 1862' FWL

- ROCK HOUSE 10-23-12-30
884' FNL & 1858' FWL

- ROCK HOUSE 10-23-22-30
909' FNL & 1854' FWL

BASIS OF BEARINGS IS THE WEST LINE OF THE SW 1/4 OF SECTION 30, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°22'18"W.

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



BOTTOM HOLE FOOTAGES

- ROCK HOUSE 10-23-31-30
660' FNL & 1980' FEL

- ROCK HOUSE 10-23-21-30
VERTICAL

- ROCK HOUSE 10-23-11-30
660' FNL & 660' FWL

- ROCK HOUSE 10-23-12-30
1980' FNL & 660' FWL

- ROCK HOUSE 10-23-22-30
1980' FNL & 1980' FWL

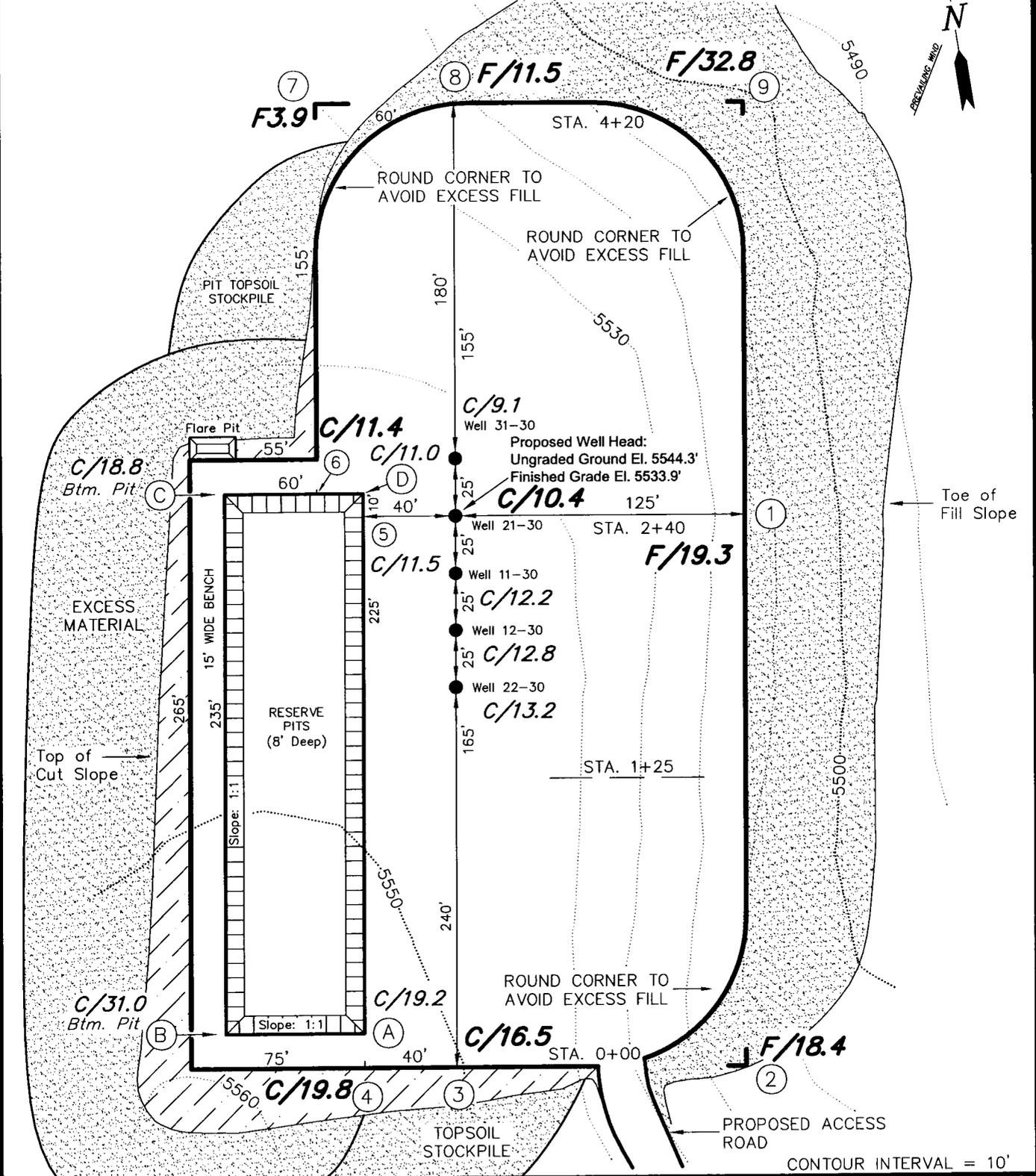
LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
31-30	39°55'29.57"	109°22'20.11"
21-30	39°55'29.32"	109°22'20.16"
11-30	39°55'29.08"	109°22'20.21"
12-30	39°55'28.83"	109°22'20.26"
22-30	39°55'28.59"	109°22'20.31"

RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
31-30	152'	1,386'
21-30	VERTICAL	
11-30	197'	-1,201'
12-30	-1,098'	-1,201'
22-30	-1,071'	123'

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
31-30	39°55'31.06"	109°22'02.32"
21-30	VERTICAL	
11-30	39°55'31.02"	109°22'35.62"
12-30	39°55'17.98"	109°22'35.68"
22-30	39°55'18.01"	109°22'18.74"

ENDURING RESOURCES

CUT SHEET - ROCK HOUSE 10-23-21-30,
 ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30,
 ROCK HOUSE 10-23-12-30 & ROCK HOUSE 10-23-22-30

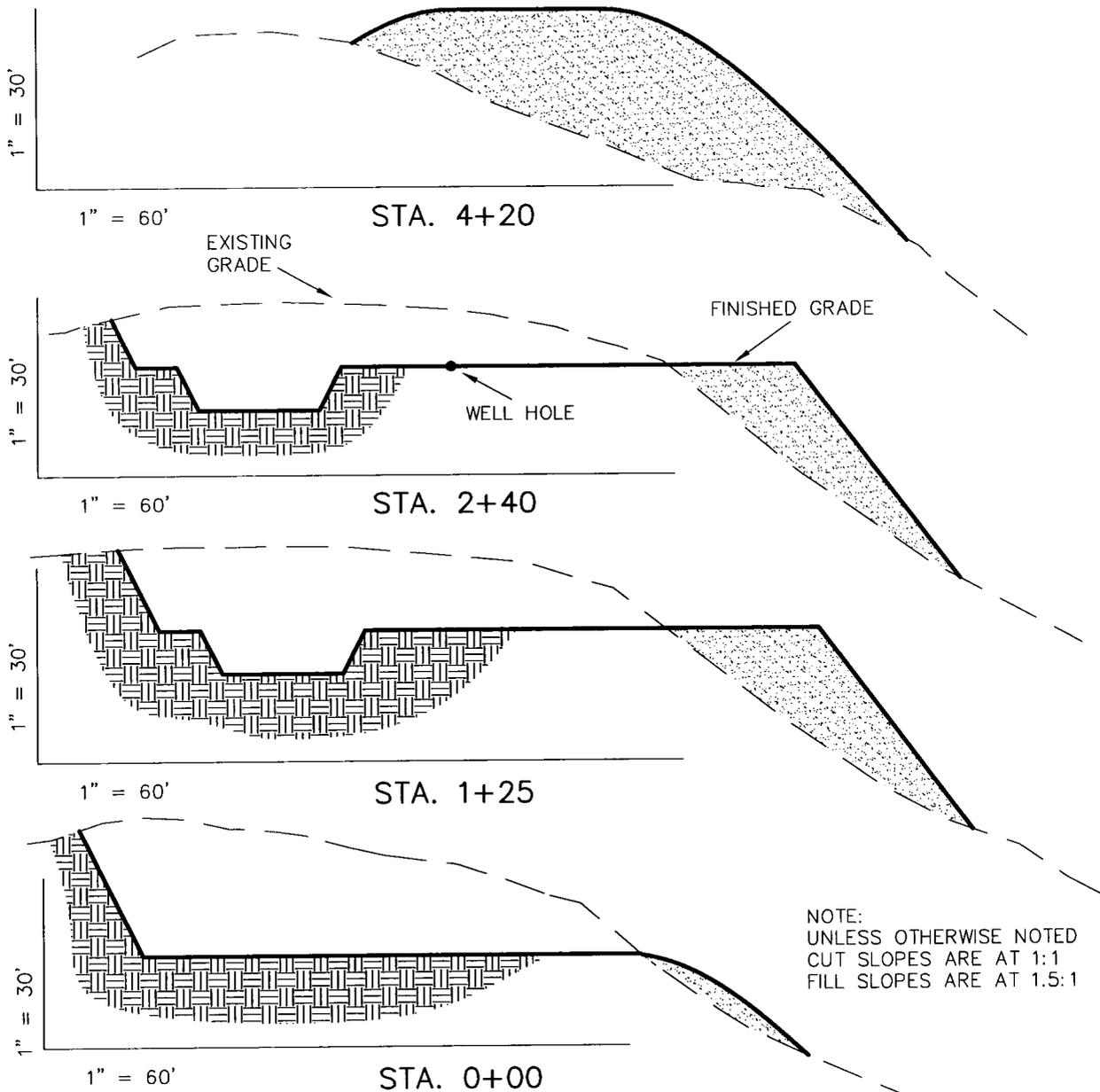


CONTOUR INTERVAL = 10'

Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW		Footage Location: 835' FNL & 1866' FWL	
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision:		Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'			
				SHEET 4 OF 11	

ENDURING RESOURCES

CROSS SECTIONS - ROCK HOUSE 10-23-21-30,
 ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30,
 ROCK HOUSE 10-23-12-30 & ROCK HOUSE 10-23-22-30



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

Pit overburden is included in pad cut.

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	26,150	27,900	Topsoil is not included in Pad Cut	-1,750
PIT	3,500	0		3,500
TOTALS	29,650	27,900	1,710	1,750

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

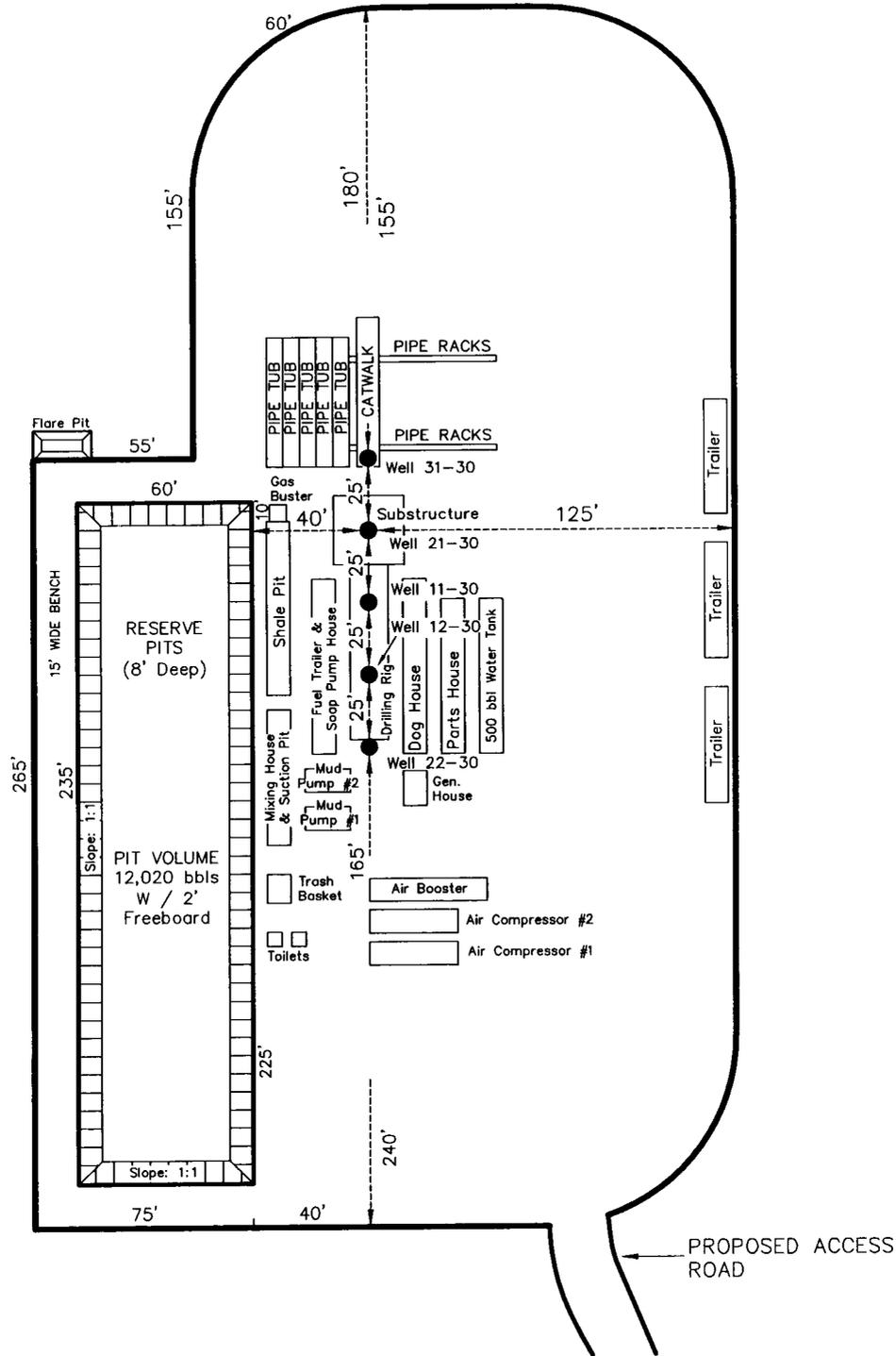
REFERENCE POINTS

- 290' SOUTHERLY = 5551.7'
- 340' SOUTHERLY = 5554.8'
- 175' EASTERLY = 5496.7'
- 235' EASTERLY = 5483.3'

Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW	Footage Location: 835' FNL & 1866' FWL
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 5 OF 11

ENDURING RESOURCES

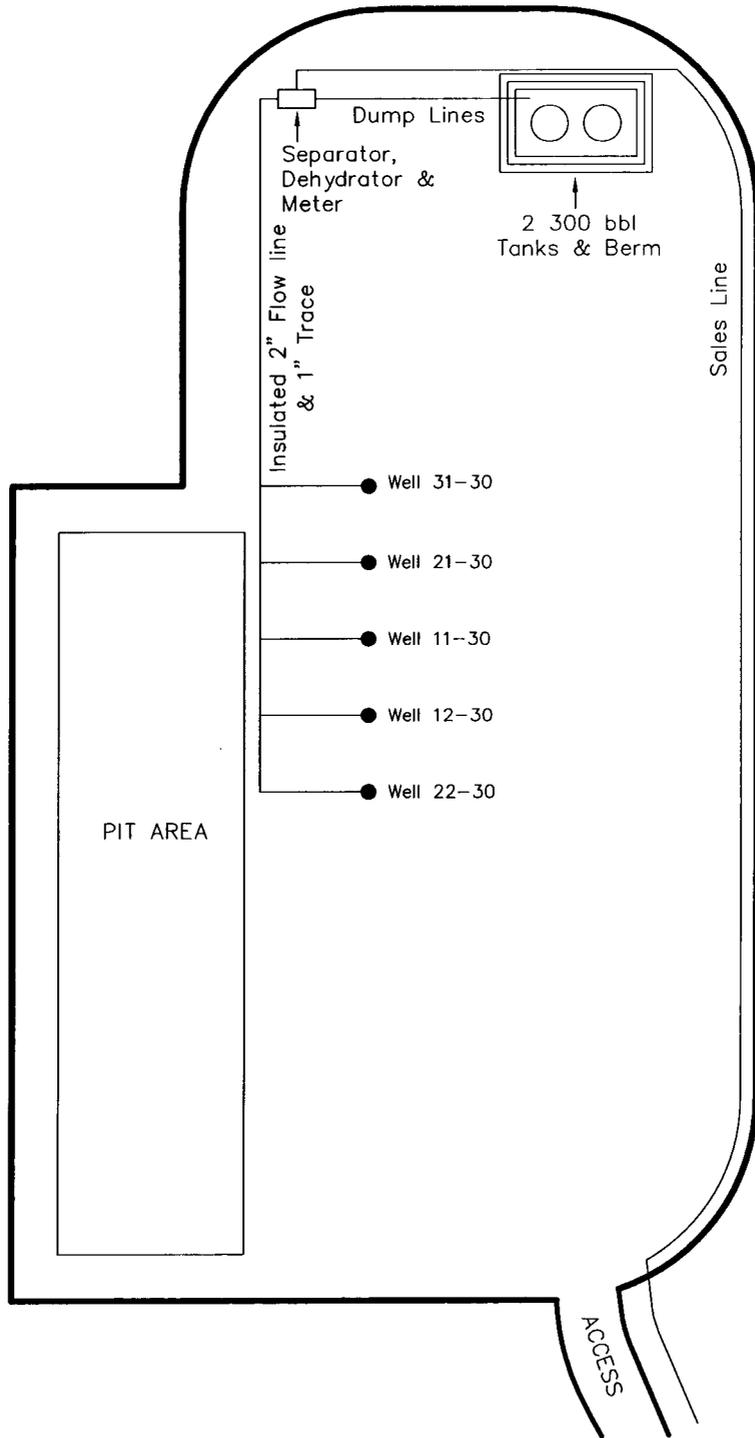
TYPICAL RIG LAYOUT - ROCK HOUSE 10-23-21-30,
 ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30,
 ROCK HOUSE 10-23-12-30 & ROCK HOUSE 10-23-22-30



Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW	Footage Location: 835' FNL & 1866' FWL
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision:	Timberline (435) 789-1365 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	
			SHEET 6 OF 11

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 10-23-21-30,
 ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30,
 ROCK HOUSE 10-23-12-30 & ROCK HOUSE 10-23-22-30



Section 30, T10S, R23E, S.L.B.&M.	Qtr/Qtr Location: NE NW	Footage Location: 835' FNL & 1866' FWL
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision:
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'
Timberline Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078		(435) 789-1365 SHEET 7 OF 11



**Proposed Well Location:
Rock House 10-23-21-30**

See Topo "B"

LEGEND

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

TOPOGRAPHIC MAP "A"

DATE SURVEYED: 12-21-05
DATE DRAWN: 01-03-06
REVISED:

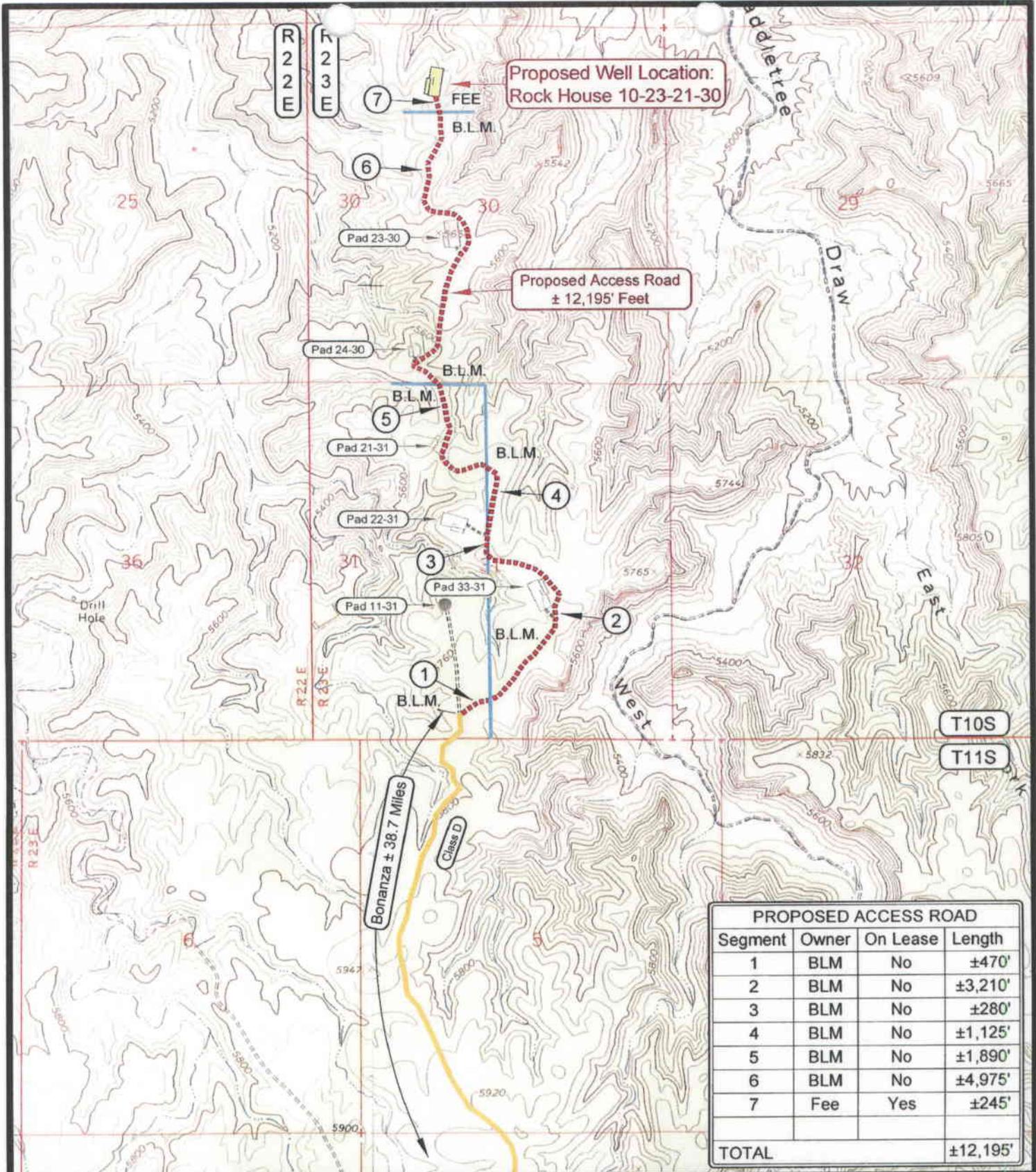
SCALE: 1"=10,000' DRAWN BY: M.W.W.

ENDURING RESOURCES

**Rock House 10-23-21-30,
Rock House 10-23-31-30, Rock House 10-23-11-30,
Rock House 10-23-12-30 & Rock House 10-23-22-30
SECTION 30, T10S, R23E, S.L.B.&M.
835' FNL & 1866' FWL**

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

**SHEET
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OF 11**



PROPOSED ACCESS ROAD			
Segment	Owner	On Lease	Length
1	BLM	No	±470'
2	BLM	No	±3,210'
3	BLM	No	±280'
4	BLM	No	±1,125'
5	BLM	No	±1,890'
6	BLM	No	±4,975'
7	Fee	Yes	±245'
TOTAL			±12,195'

LEGEND

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

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 12-21-05

DATE DRAWN: 01-03-05

REVISED:

ENDURING RESOURCES

**Rock House 10-23-21-30,
 Rock House 10-23-31-30, Rock House 10-23-11-30,
 Rock House 10-23-12-30 & Rock House 10-23-22-30
 SECTION 30, T10S, R23E, S.L.B.&M.
 835' FNL & 1866' FWL**

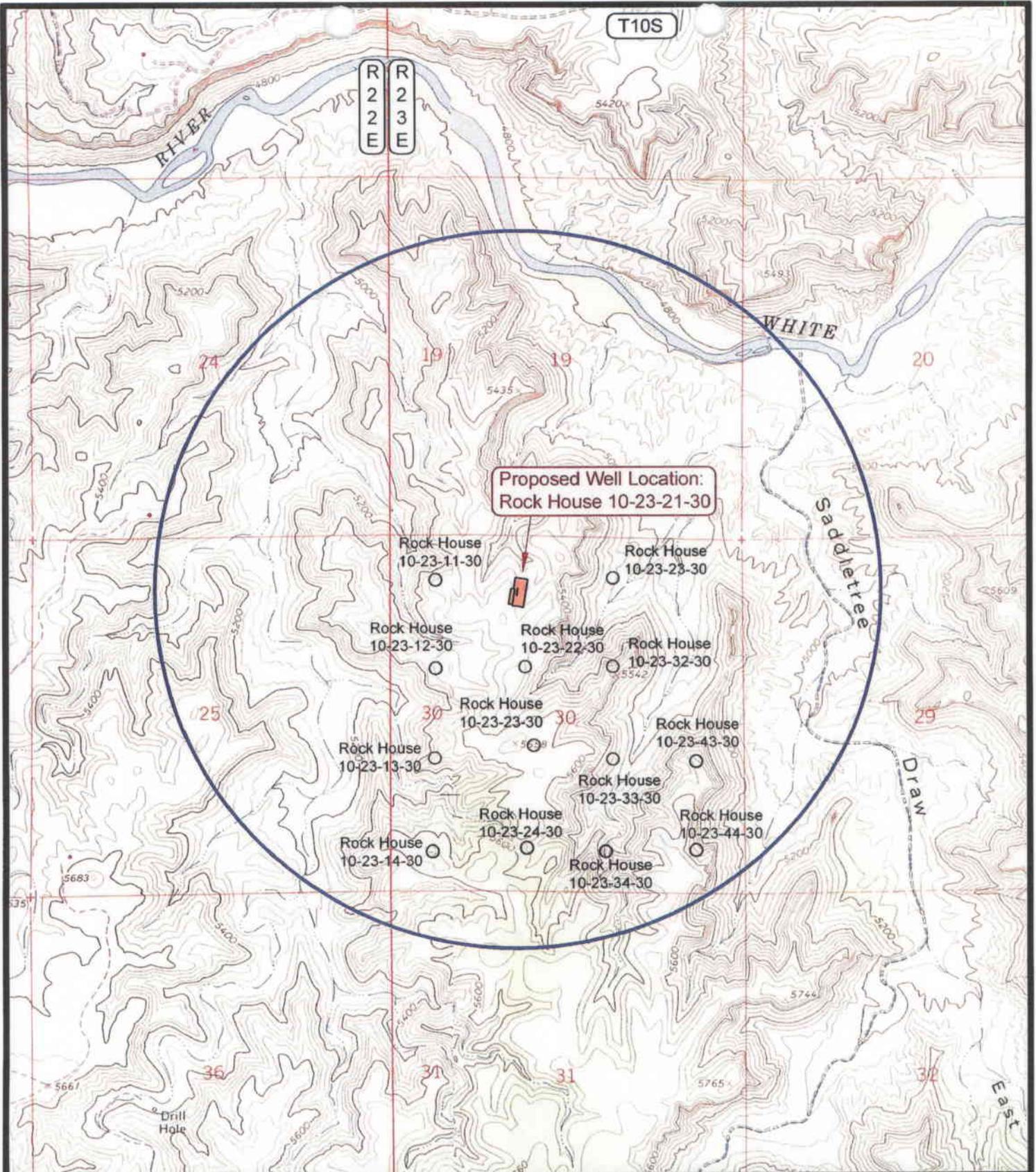
Timberline Land Surveying, Inc.

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SHEET

9

OF 11



T10S

R
2
E
R
2
3
E

Proposed Well Location:
Rock House 10-23-21-30

Rock House
10-23-11-30

Rock House
10-23-23-30

Rock House
10-23-12-30

Rock House
10-23-22-30

Rock House
10-23-32-30

Rock House
10-23-23-30

Rock House
10-23-43-30

Rock House
10-23-13-30

Rock House
10-23-33-30

Rock House
10-23-44-30

Rock House
10-23-14-30

Rock House
10-23-24-30

Rock House
10-23-34-30

LEGEND

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

ENDURING RESOURCES

**Rock House 10-23-21-30,
Rock House 10-23-31-30, Rock House 10-23-11-30,
Rock House 10-23-12-30 & Rock House 10-23-22-30
SECTION 30, T10S, R23E, S.L.B.&M.
835' FNL & 1866' FWL**

TOPOGRAPHIC MAP "C"

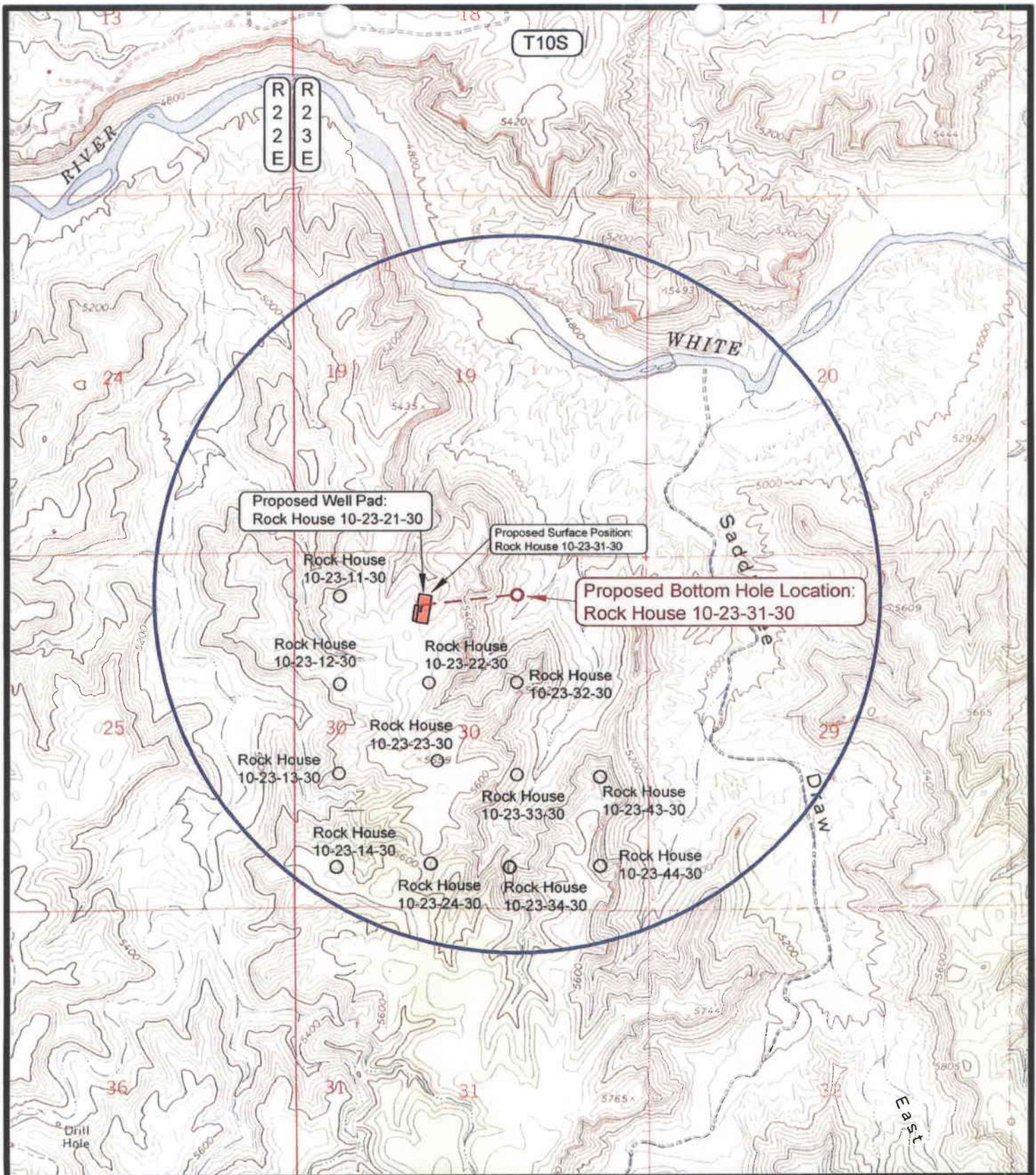
DATE SURVEYED: 12-21-05
DATE DRAWN: 01-03-05
REVISED:

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

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**SHEET
10a
OF 11**



Proposed Well Pad:
Rock House 10-23-21-30

Proposed Surface Position:
Rock House 10-23-31-30

Proposed Bottom Hole Location:
Rock House 10-23-31-30

Rock House
10-23-11-30

Rock House
10-23-12-30

Rock House
10-23-22-30

Rock House
10-23-32-30

Rock House
10-23-13-30

Rock House
10-23-23-30

Rock House
10-23-33-30

Rock House
10-23-43-30

Rock House
10-23-14-30

Rock House
10-23-24-30

Rock House
10-23-34-30

Rock House
10-23-44-30

LEGEND

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

ENDURING RESOURCES

**Rock House 10-23-21-30,
Rock House 10-23-31-30, Rock House 10-23-11-30,
Rock House 10-23-12-30 & Rock House 10-23-22-30
SECTION 30, T10S, R23E, S.L.B.&M.
Bottom Hole: 660' FNL & 1980' FEL**

TOPOGRAPHIC MAP "C"

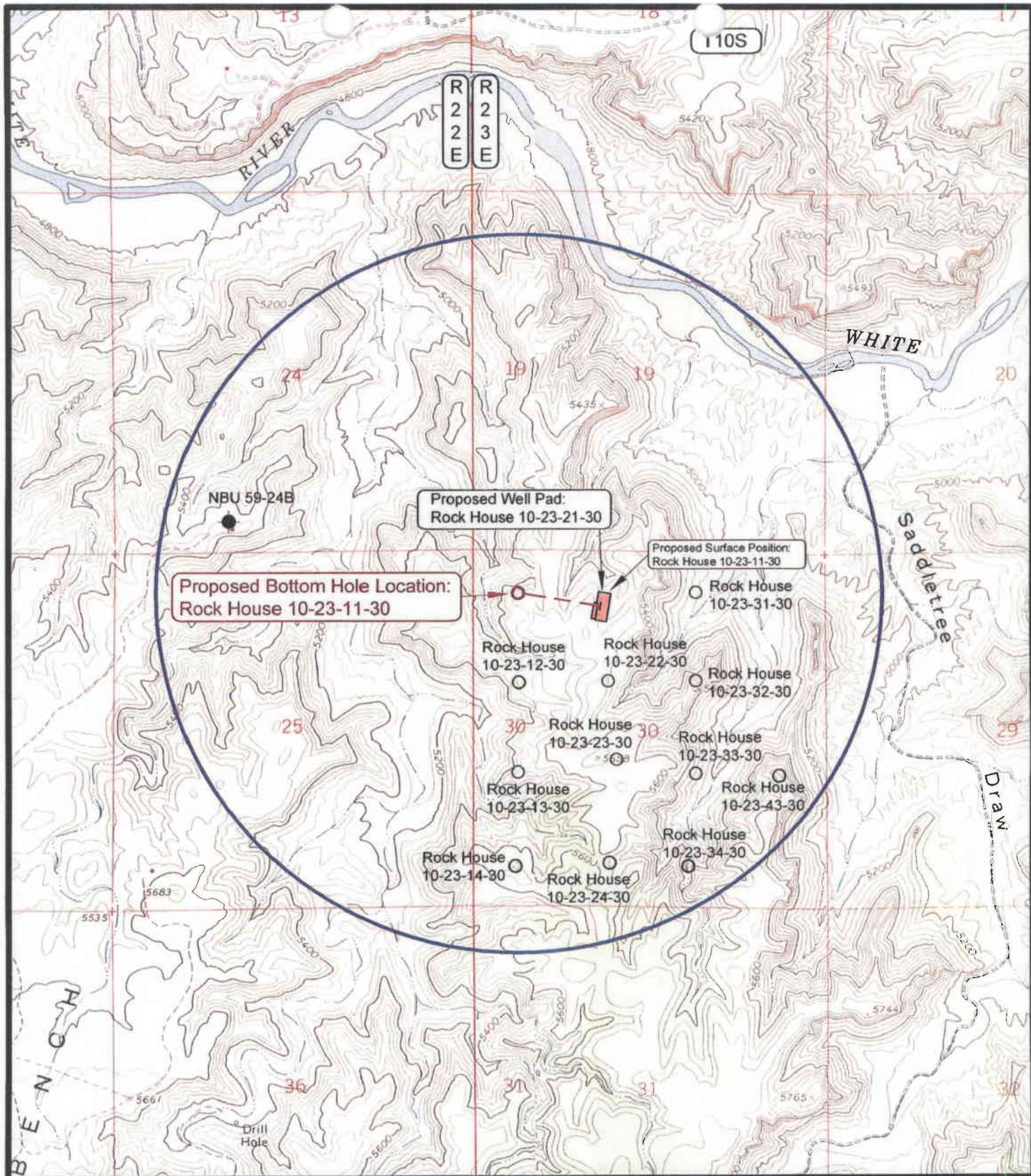
DATE SURVEYED: 12-21-05
DATE DRAWN: 01-03-05
REVISED:

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



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**SHEET
10b
OF 11**



LEGEND

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

ENDURING RESOURCES

**Rock House 10-23-21-30,
 Rock House 10-23-31-30, Rock House 10-23-11-30,
 Rock House 10-23-12-30 & Rock House 10-23-22-30
 SECTION 30, T10S, R23E, S.L.B.&M.
 Bottom Hole: 660' FNL & 660' FWL**

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 12-21-05

DATE DRAWN: 01-03-05

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

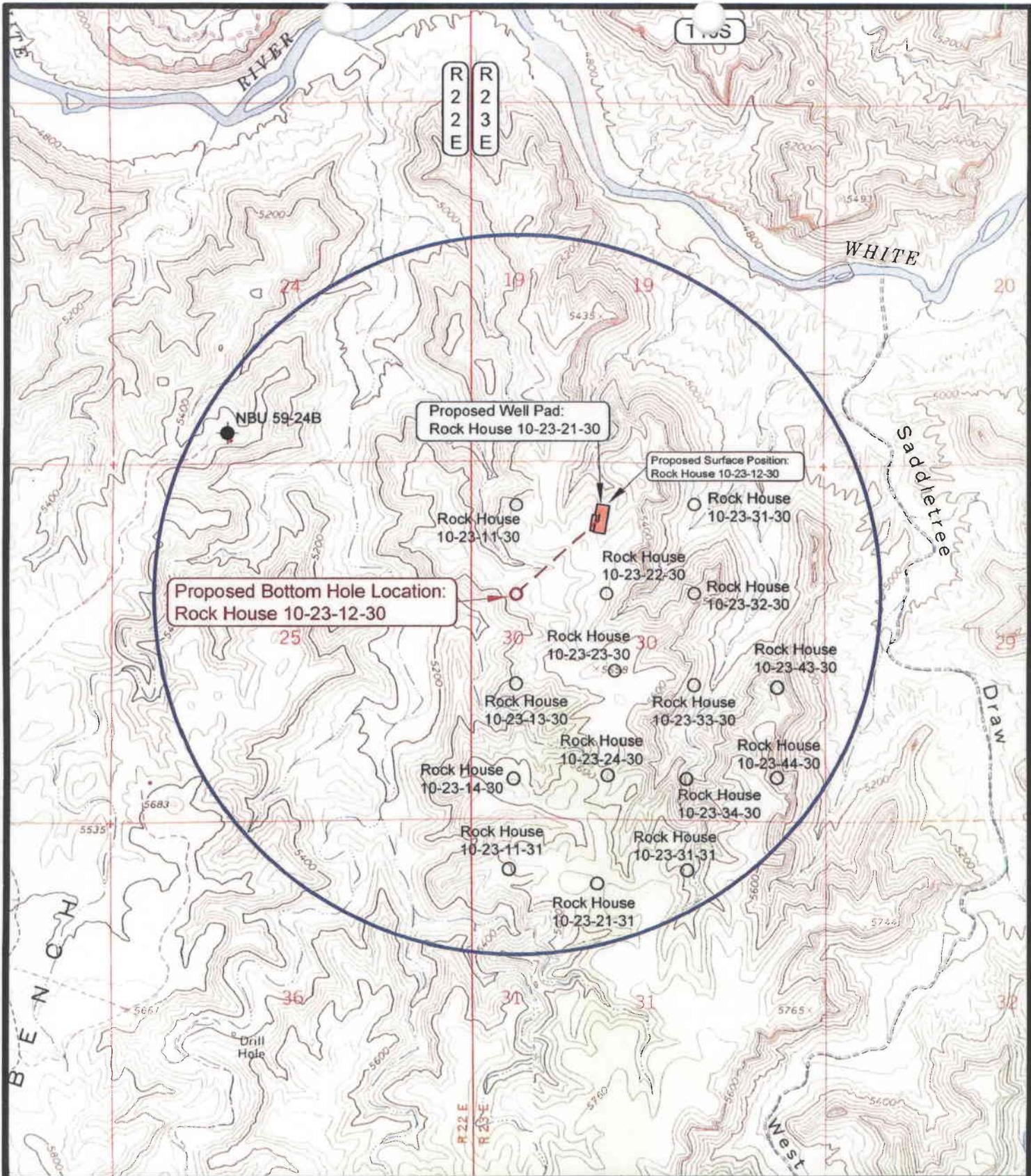
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SHEET

10c

OF 11



LEGEND

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

ENDURING RESOURCES

**Rock House 10-23-21-30,
 Rock House 10-23-31-30, Rock House 10-23-11-30,
 Rock House 10-23-12-30 & Rock House 10-23-22-30
 SECTION 30, T10S, R23E, S.L.B.&M.
 Bottom Hole: 1980' FNL & 660' FWL**

TOPOGRAPHIC MAP "C"

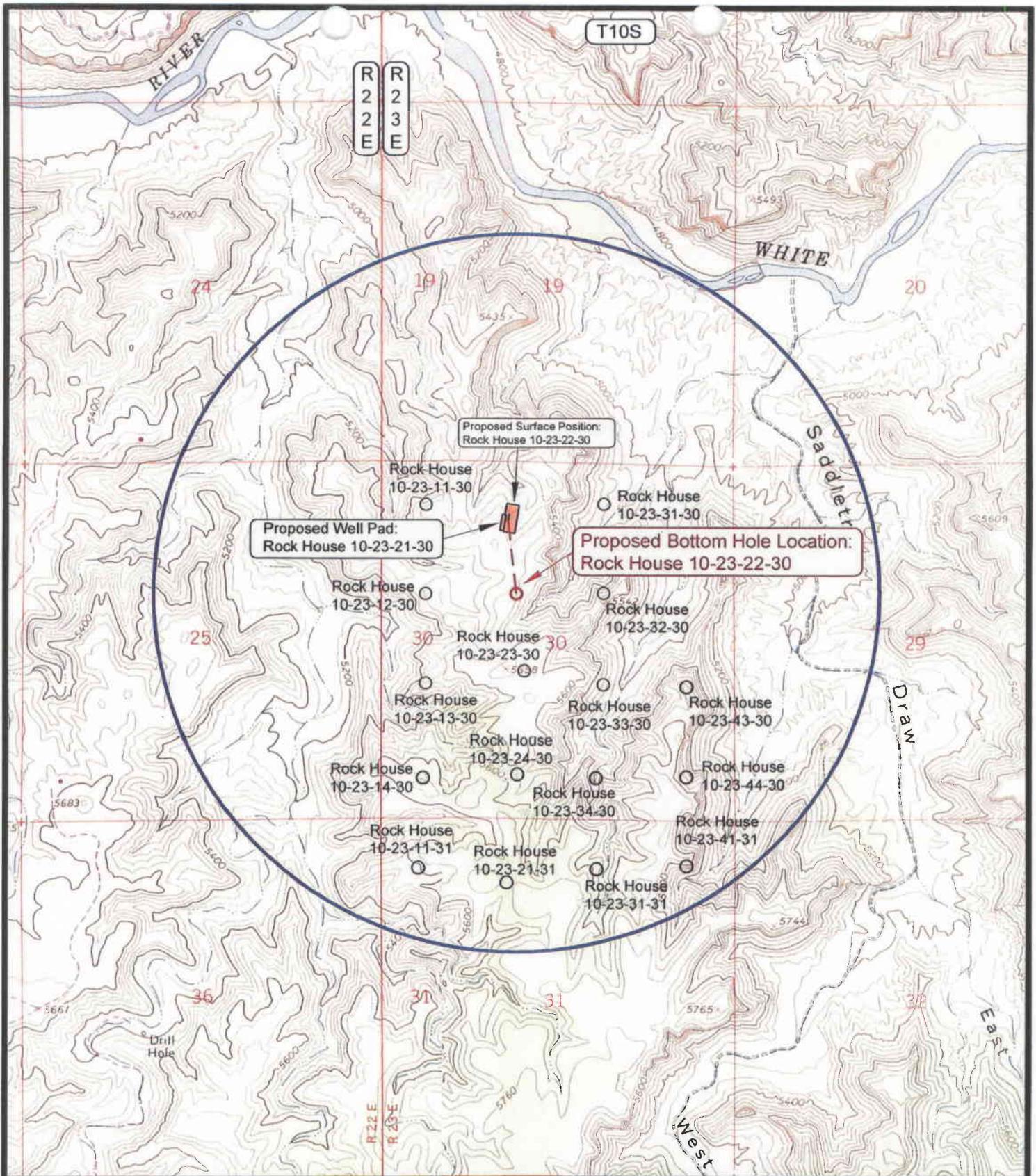
DATE SURVEYED: 12-21-05
 DATE DRAWN: 01-03-05
 REVISED:

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



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

**SHEET
 10d
 OF 11**



LEGEND

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

ENDURING RESOURCES

**Rock House 10-23-21-30,
 Rock House 10-23-31-30, Rock House 10-23-11-30,
 Rock House 10-23-12-30 & Rock House 10-23-22-30
 SECTION 30, T10S, R23E, S.L.B.&M.
 Bottom Hole: 1980' FNL & 1980' FWL**

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 12-21-05

DATE DRAWN: 01-03-05

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

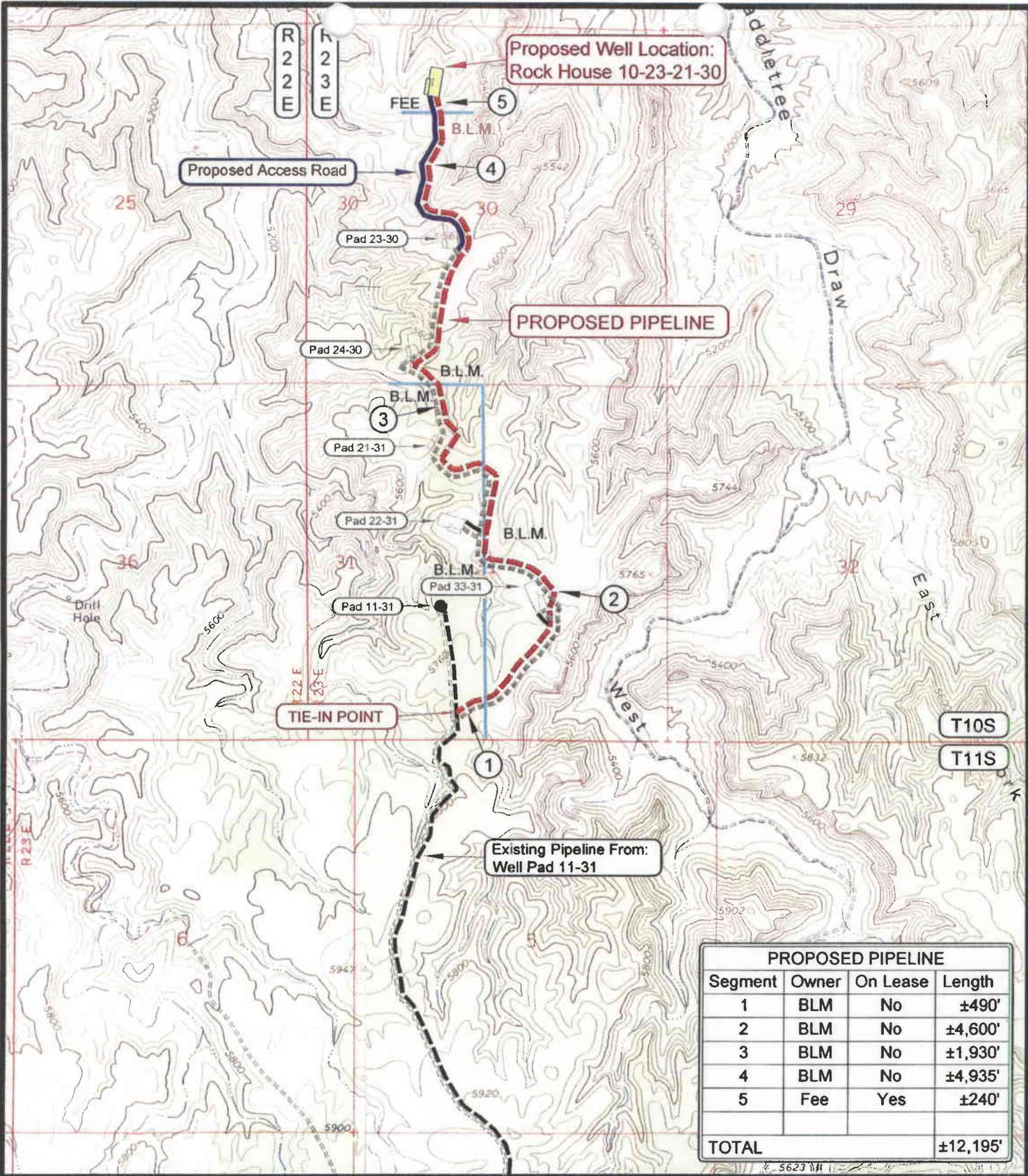
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10e

OF 11



PROPOSED PIPELINE			
Segment	Owner	On Lease	Length
1	BLM	No	±490'
2	BLM	No	±4,600'
3	BLM	No	±1,930'
4	BLM	No	±4,935'
5	Fee	Yes	±240'
TOTAL			±12,195'

LEGEND

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

TOPOGRAPHIC MAP "D"		DATE SURVEYED: 12-21-05
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	DATE DRAWN: 01-04-05
		REVISED:

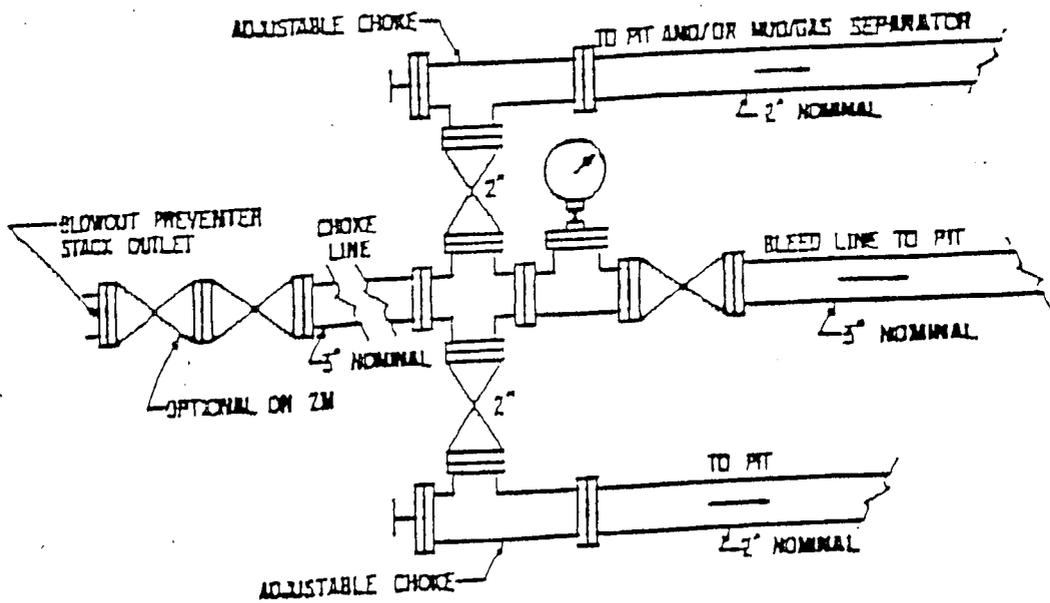
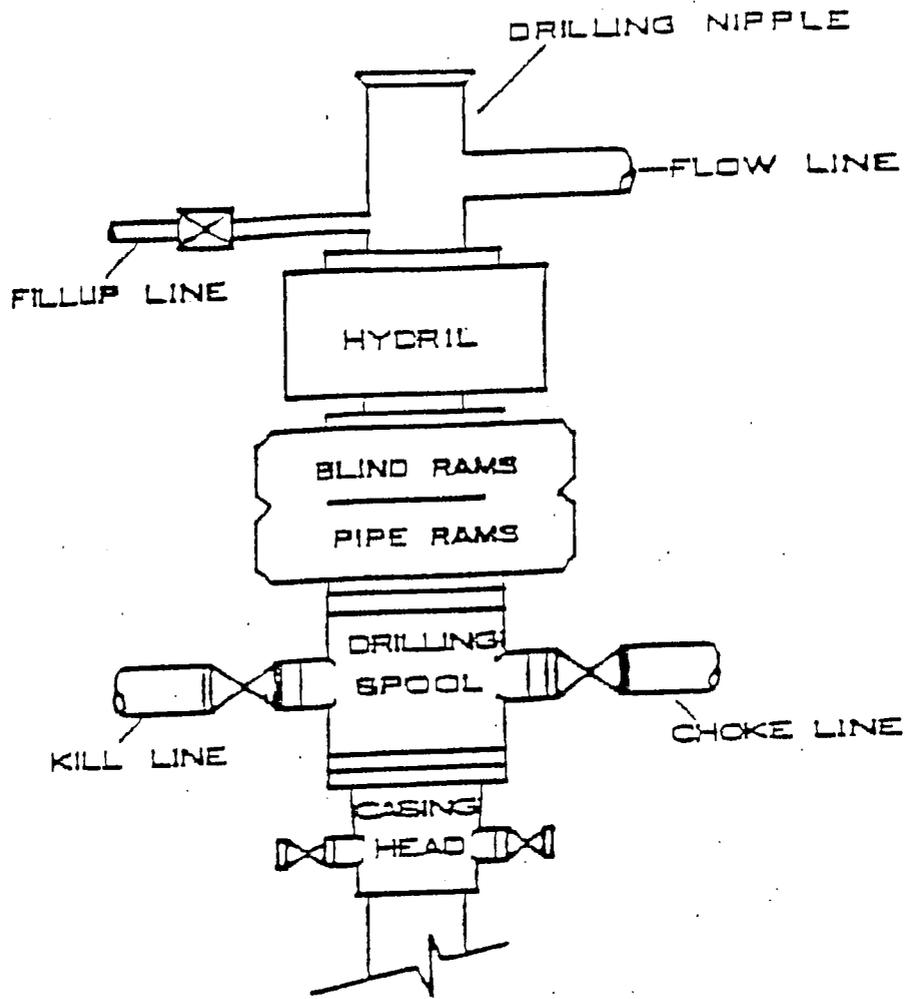
ENDURING RESOURCES

**Rock House 10-23-21-30,
 Rock House 10-23-31-30, Rock House 10-23-11-30,
 Rock House 10-23-12-30 & Rock House 10-23-22-30
 SECTION 30, T10S, R23E, S.L.B.&M.
 835' FNL & 1866' FWL**

Timberline Land Surveying, Inc.	SHEET
38 West 100 North Vernal, Utah 84078	11
(435) 789-1365	OF 11

3,000 PSI

BOP STACK



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/27/2006

API NO. ASSIGNED: 43-047-37832

WELL NAME: ROCK HOUSE 10-23-21-30
 OPERATOR: ENDURING RESOURCES, LLC (N2750)
 CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

NENW 30 100S 230E
 SURFACE: 0835 FNL 1866 FWL
 BOTTOM: 0835 FNL 1866 FWL
 COUNTY: UINTAH
 LATITUDE: 39.92484 LONGITUDE: -109.3715
 UTM SURF EASTINGS: 639168 NORTHINGS: 4420475
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	6/28/06
Geology		
Surface		

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4 - Fee

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: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Need Permit (06-13-06)

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

T10S R23E

NATURAL BUTTES FIELD

ROCK HOUSE 10-23-21-30
 ROCK HOUSE 4D-30
 ROCK HOUSE 5-30-10-23
 ROCK HOUSE 12-30-10-23
 BHL 12-30-10-23
 ROCK HOUSE 13-30-10-23
 ROCK HOUSE 4D-31
 ROCK HOUSE 3-31-10-23
 BHL 5-31-10-23
 ROCK HOUSE 6-31-10-23
 ROCK HOUSE 5-31-10-23
 ROCK HOUSE 12-31-10-23
 ROCK HOUSE 11-31
 ROCK HOUSE 14-31-10-23
 ROCK HOUSE 10-23-14-31
 SADDLE TREE DRAW 14-31

ASPHALT WASH 10-23-24-29

ROCK HOUSE 3-32-10-23
 ROCK HOUSE 21D-32
 STATE G 22-32
 ROCK HOUSE 7-32-10-23
 ROCK HOUSE 6D-32

SOUTHAM CYN 10-23-42-32

ROCK HOUSE 10-23-12-32

ROCK HOUSE 5-32-10-23

ROCK HOUSE 10D-32
 ROCK HOUSE 9-32-10-23
 BHL 9-32-10-23

ASPHALT WASH 10-23-13-33

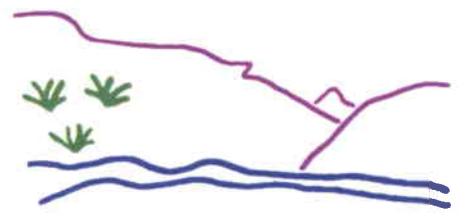
SADDLE TREE DRAW 16-31

ROCK HOUSE 10-23-14-32

T10S R23E

ROCK HOUSE FIELD
 ROCK HOUSE UNIT

OPERATOR: ENDURING RES LLC (N2750)
 SEC: 30,32 T. 10S R. 23E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

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

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

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



PREPARED BY: DIANA WHITNEY
 DATE: 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 10-23-21-30 (NOTE: This is a vertical well planned of the same pad as 4 additional directional wells: the Rock House 10-23-31-30, the Rock House 10-23-11-30, the Rock House 10-23-12-30, and the Rock House 10-23-22-30. Both the surface and producing zone are FEE for this well.
API NUMBER: 43-047-37832
LOCATION: 1/4,1/4 NE/NW Sec: 30 TWP: 10S RNG: 23E 835' FNL 1866' 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 4,550 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:** 06-15-06

Surface:

The predrill investigation of the surface was performed on June 13, 2006. This is a vertical well planned of the same pad as 4 other directional wells: the Rock House 10-23-31-30, the Rock House 10-23-11-30, the Rock House 10-23-12-30, and the Rock House 10-23-22-30. Both the surface and producing zone for this well are FEE owned by American Gilsonite Company. Mr. Jared Jackson representing the company was present on the site investigation and had no concerns not covered in the surface agreement..

The combined well location is planned near the end of a finger ridge, which overlooks the breaks of Saddle Tree and White River drainages. Views from the site are scenic, consisting of steep to vertical canyon walls and protruding rocky knobs or spires. This river is occasional used for recreational non-white water rafting. The river bottom its self is not visible but users of the side canyons or climbers to vantage points may see the proposed facilities.

Since the location is on top of and near the point of a ridge and the topography breaks sharply toward the White River, it is essential that the reserve pit not leak. Enduring Resources agreed to use a double liner on the reserve pit as well as extra cushioning from felt sub-lining as the final construction indicated appropriate. With this extra precaution it is expected that no stability or leaking problems will occur.

Approximately 2.3 miles of new access road will be required to reach the location. This entire road except the final 240 feet is across BLM administered lands. Melissa Hawk from the BLM was invited by e-mail on June 6,

2006 to attend the investigation. She replied by e-mail that a mandatory meeting scheduled for that day prevented her from attending. She informed Doug Hammond of Enduring Resources that she would visit the site at a later date.

Mr. Hammond stated that Ms. Hawk had informed him that a short portion of the access road on BLM administered lands passed through an area modeled as prime potential Mexican spotted owl habitat. Four calling periods were completed this spring with no responses. The US Fish and Wildlife Service's protocol requires two consecutive years of calling before clearing the possible habitat as un-occupied. Mr. Hammond stated he is going to ask permission to build this short section outside the critical period for the owl.

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.

ATV's were used to access the site

Reviewer: Floyd Bartlett **Date:** 05/14/2006

Conditions of Approval/Application for Permit to Drill:

1. The reserve pit will be double lined with a minimum of two 16 mil. liners. A felt cushion sub-liner will be installed at the thickness appropriate for the surface of the bottom of the pit.
2. If other wells on this location are drilled before this well, the integrity of the reserve pit liner must be determined prior to drilling this well. Repairs or replacement of the liner as appropriate is required.

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

OPERATOR: ENDURING RESOURCES, LLC

WELL NAME & NUMBER: ROCK HOUSE 10-23-21-30 (NOTE: This is a vertical well planned of the same pad as 4 additional directional wells: the Rock House 10-23-31-30, the Rock House 10-23-11-30, the Rock House 10-23-12-30, and the Rock House 10-23-22-30. Both the surface and producing zone are FEE for this well.

API NUMBER: 43-047-37832

LEASE: FEE **FIELD/UNIT:** Natural Buttes

LOCATION: 1/4, 1/4 NE/NW **Sec:** 30 **TWP:** 10S **RNG:** 23E 835' FNL 1866' FWL

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

GPS COORD (UTM): 0639163 E; 4420478 N **SURFACE OWNER:** American Gilsonite

PARTICIPANTS

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

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The proposed Rock House 11-23-21-30 well lies near the end of a finger ridge, which leaves a broader ridge separating Saddle Tree Draw on the east and Archee Draw on the west. This finger ends between two side draws, which join to the north, and down-slope from the location. This draw runs north to Saddle Tree Draw and eventually to the White River. The east and west sides of the proposed pad slope abruptly and will be covered with fill.

Saddle Tree Draw is an ephemeral wash only flowing during the spring runoff and intense summer rainstorms. The White River is approximately 3/4 miles downstream to the north. No springs or seeps are known in the area. The location is approximately 12 air miles south west of Bonanza Ut, and approximately 80.3 road miles southeast of Vernal, UT. Access from Bonanza is by State Highway, Uintah County and oilfield development roads to where a access road is proposed 12,195 feet in length mostly across the BLM. A ROW will be required for this section of the road.

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

SURFACE USE PLAN

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

PROPOSED SURFACE DISTURBANCE: Approximately 12,195 feet of access road, construction of a well location 420'x 195' plus a reserve pit and soil stockpile storage outside the described area.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Approximately 12,195 feet of pipeline will follow access road and tie in with an existing pipeline from well 11-31. (BLM: 11,955' and FEE 240').

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. The most likely concern will be from the intrusion of well facilities into the White River 'view-shed'. The river is not in view from the proposed location. While drilling the drilling rig may be seen. Production facilities should not be in view from the river itself but may be from surrounding slopes and draws.

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: Moderately vegetated desert shrub type with the dominate vegetation being rabbit brush, black sage, Gardiner saltbrush cheat grass and curly mesquite. Pronghorn, rodents, songbirds, raptors, elk, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: Shallow sandy loam surface with frequent broken angular dark brown surface rock. Surface sandstone and shale bedrock also to occur.

EROSION/SEDIMENTATION/STABILITY: No significant erosion occurs from the proposed pad area. Although the ridge top breaks both on the east and west sides it is a suitable spot to construct a location. The reserve pit will be on the upper south west portion and no stability problems are anticipated with the construction and operation of the location.

PALEONTOLOGICAL POTENTIAL: Survey completed 03-22-06 by IPC.

RESERVE PIT

CHARACTERISTICS: 235' by 60' and 8' deep. The reserve pit is 55 feet longer than normal to serve the 5 wells that are planned. It is planned in an area of cut on the south west corner of the location. Since the location is on top of and near the point of a ridge and the topography breaks sharply toward the White River, it is essential that the reserve pit not leak.

LINER REQUIREMENTS (Site Ranking Form attached): Sensitivity score is 40 and a rating Level II. Enduring Resources agreed to use a double liner on the reserve pit as well as extra cushioning from a felt sub-liner as the final construction indicated appropriate. A minimum of a 16 mil double liner properly installed and maintained will be required for reserve pit. With this extra precaution it is expected that no stability or leaking problems will occur.

SURFACE RESTORATION/RECLAMATION PLAN

As per landowner agreement with American Gilsonite Company.

SURFACE AGREEMENT: In place.

CULTURAL RESOURCES/ARCHAEOLOGY: Although not required by the surface owner a survey was completed on 01-13-2006 by MOAC.

OTHER OBSERVATIONS/COMMENTS

Views of the White River drainage to the north and the lower end of Saddle Tree Draw to the east is very scenic. Steep canyon walls dominate the landscape. The White River is occasionally used for recreational river rafting. The river bottom itself is not visible but users of the side canyons or climbers to vantage points may see the proposed facilities.

Mr. Jared Jackson representing American Gilsonite was asked if he had any concerns in addition to what was covered in the Surface Agreement. He had none.

Melissa Hawk from the BLM was invited by e-mail on June 6, 2006 to attend the investigation. She replied by e-mail that a mandatory meeting scheduled for that day prevented her from attending. She informed Doug Hammond of Enduring Resources that she would visit the site at a later date.

Doug Hammond stated that Melissa Hawk had informed him that a short portion of the access road on BLM administered lands passed through an area modeled as prime potential Mexican spotted owl habitat. Four calling periods were completed this spring with no responses. The US Fish and Wildlife Service's protocol requires two consecutive years of calling before clearing the possible habitat as un-occupied. Mr. Hammond stated he is going to ask permission to build this short section outside the critical period for the owl.

ATV's were used to access the site.

ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

06/13/2006 11:00 AM
DATE/TIME

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

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

Final Score 40 (Level II Sensitivity)

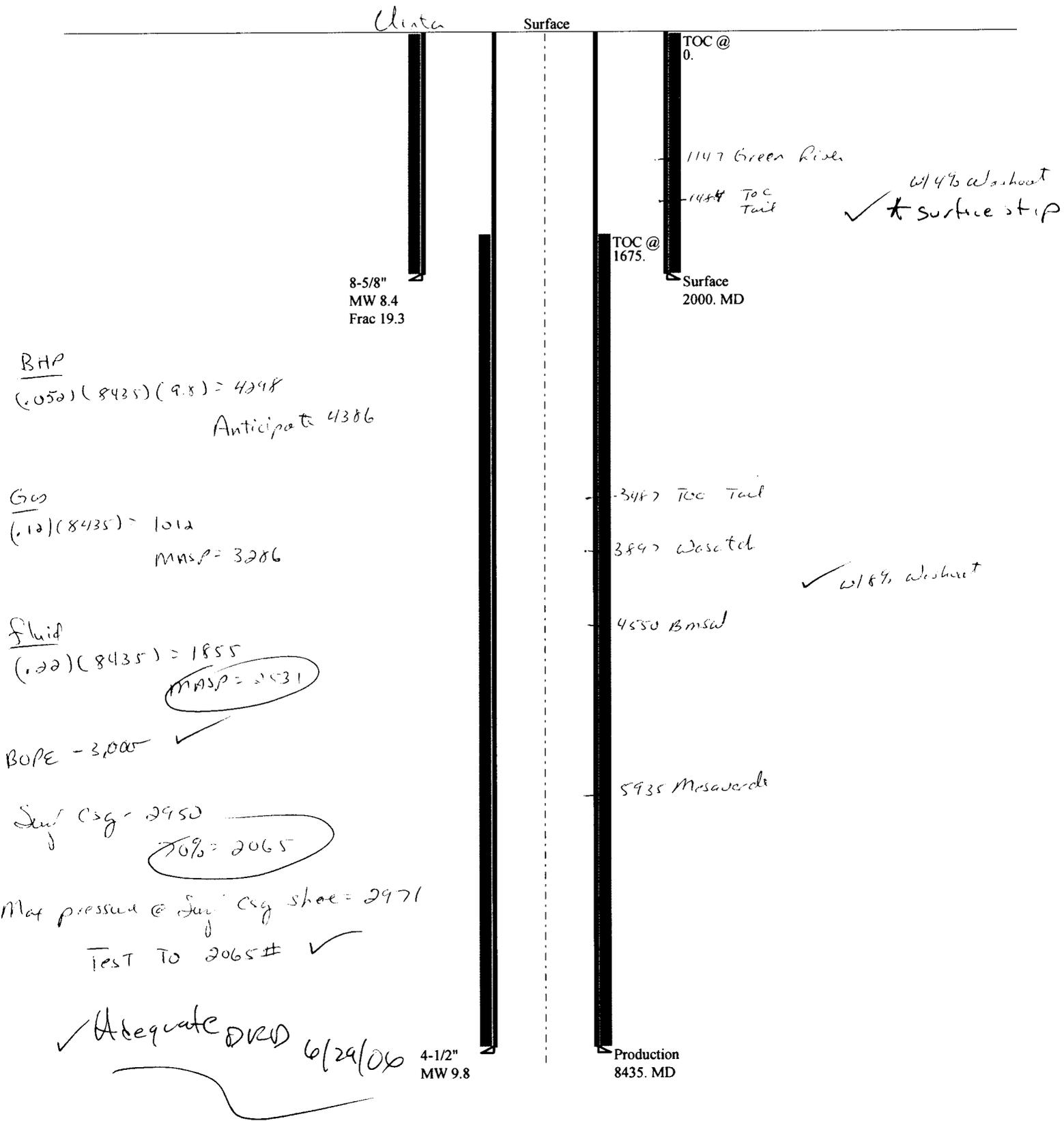
Sensitivity Level I = 20 or more; total containment is required.

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

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

05-06 Enduring Rock House 10-23-21-30

Casing Schematic



Well name:	06-06 Enduring Rock House 10-23-21-30	
Operator:	Enduring Resource, LLC	Project ID:
String type:	Surface	43-047-37832
Location:	Uintah County	

Design parameters:

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

Minimum design factors:

Collapse:
Design factor 1.125

Environment:

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

Burst:
Design factor 1.00

Cement top: Surface

Burst

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

No backup mud specified.

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

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 1,748 ft

Re subsequent strings:
Next setting depth: 8,435 ft
Next mud weight: 9.800 ppg
Next setting BHP: 4,294 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: 801-359-3940

Date: June 16,2006
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:	06-06 Enduring Rock House 10-23-21-30		
Operator:	Enduring Resource, LLC		
String type:	Production	Project ID:	43-047-37832
Location:	Uintah County		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 193 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 1,675 ft

Burst

Max anticipated surface pressure: 1,372 psi
 Internal gradient: 0.346 psi/ft
 Calculated BHP 4,294 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 7,199 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	8435	4.5	11.60	N-80	LT&C	8435	8435	3.875	195.5
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	4294	6350	1.479	4294	7780	1.81	84	223	2.67 J

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

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

Date: June 16, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8435 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.



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

June 29, 2006

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

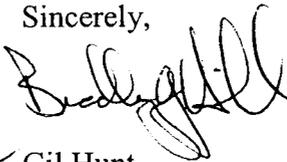
Re: Rock House 10-23-21-30 Well, 835' FNL, 1866' FWL, NE NW, Sec. 30,
T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37832.

Sincerely,


for Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor

Operator: Enduring Resources, LLC
Well Name & Number Rock House 10-23-21-30
API Number: 43-047-37832
Lease: Fee

Location: NE NW **Sec.** 30 **T.** 10 South **R.** 23 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

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

5. Surface casing shall be cemented to the surface.

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

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 835' FNL - 1866' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S		8. WELL NAME and NUMBER: Rock House 10-23-21-30
PHONE NUMBER: (303) 350-5719		9. API NUMBER: 4304737832
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

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

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

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

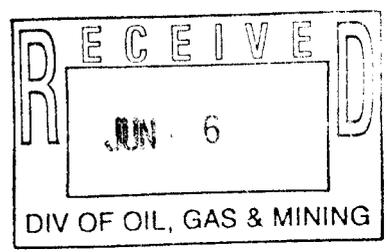
Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill

FROM: 6-29-2007
TO: 6-29-2008

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 06-28-07
By: [Signature]

6-29-07
RM



NAME (PLEASE PRINT) <u>Eyette Bissett</u>	TITLE <u>Regulatory Affairs Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>6/25/2007</u>

(This space for State use only)

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

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

API: 4304737832
Well Name: Rock House 10-23-21-30
Location: 835' FNL - 1866' FWL, NENW, Sec 30, T10S-R23E
Company Permit Issued to: Enduring Resources, LLC
Date Original Permit Issued: 6/29/2006

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

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

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

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

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

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

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

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

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



Signature

6/25/2007

Date

Title: Regulatory Affairs Assistant

Representing: Enduring Resources, LLC

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737832	Rock House 10-23-21-30	NENW	30	10S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	16678	2/8/2008		2/15/08	
Comments: <u>MVRD</u> CONFIDENTIAL						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738101	Rock House 10-23-31-30	NENW	30	10S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	16679	2/8/2008		2/15/08	
Comments: <u>MVRD</u> <u>BHL: NWNE Sec 30, T10S-R23E</u> CONFIDENTIAL						

Well 3

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

ACTION CODES:

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

Alvin R. (AI) Arlian

Name (Please Print)

Signature

Landman-Regulatory

Title

2/11/2008

Date

RECEIVED
FEB 11 2008
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 845' FNL - 1864' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S		8. WELL NAME and NUMBER: Rock House 10-23-21-30
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304737832
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2/12/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change to Approved APD.</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.

1. A closed loop drilling system will be tested and used:
 - a. No reserve pit will be constructed, and
 - b. Drilling solids will be dried and land farmed on the well pad.
2. See attached new survey:
 - a. More proposed directional wells added to pad,
 - b. Surface stake moved from 835' FNL - 1866' FWL, to 845' FNL - 1864' FWL.
 - c. BHL is same as surface (845' FNL - 1864' FWL).

639167X
44204724
39,924810
- 109.371507

COPY SENT TO OPERATOR

Date: 2-21-2008

Initials: KS

NAME (PLEASE PRINT) Alvin R. (AI) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 2/12/2008

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 2/21/08
BY: [Signature]

RECEIVED
FEB 15 2008

DIV. OF OIL, GAS & MINING

ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT

ROCK HOUSE 10-23-21-30, ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30, ROCK HOUSE 10-23-12-30, ROCK HOUSE 10-23-22-30 & ROCK HOUSE 10-23-32-30



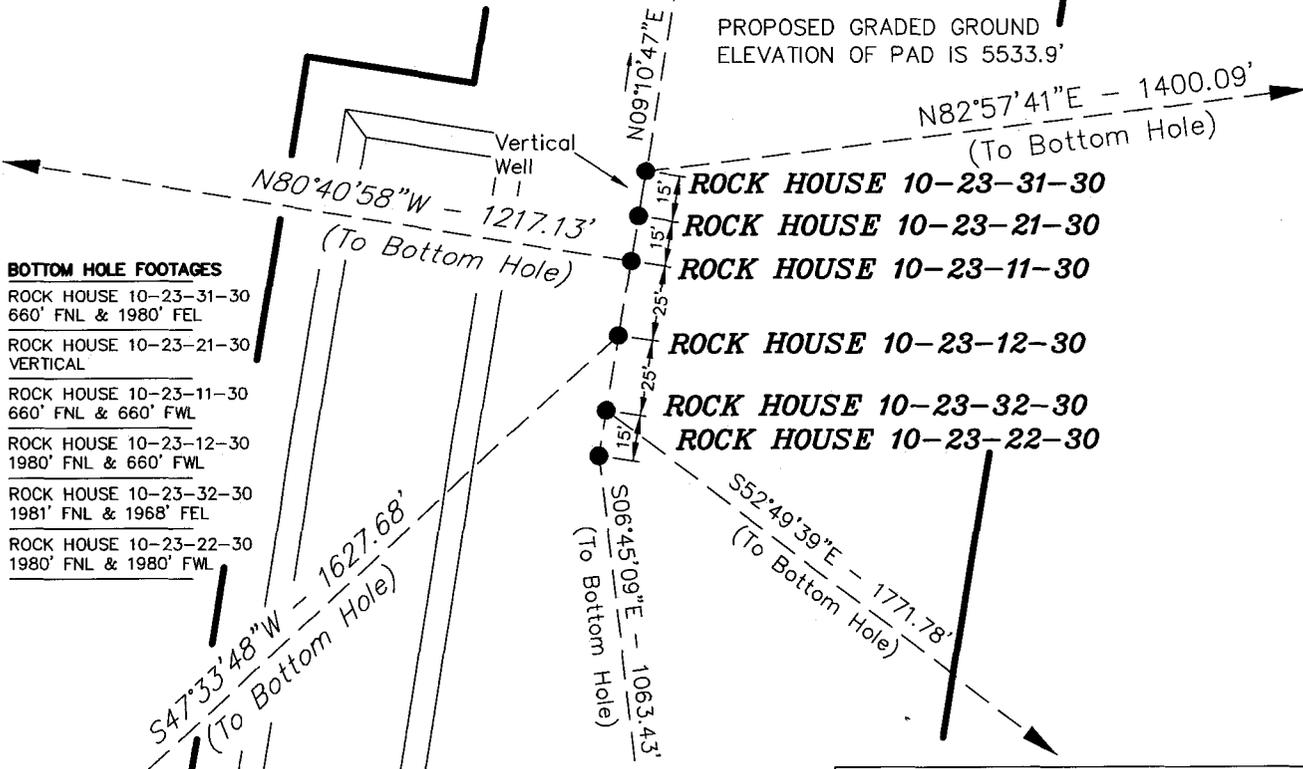
SURFACE POSITION FOOTAGES:

- ROCK HOUSE 10-23-31-30
830' FNL & 1866' FWL
- ROCK HOUSE 10-23-21-30
845' FNL & 1864' FWL
- ROCK HOUSE 10-23-11-30
860' FNL & 1862' FWL
- ROCK HOUSE 10-23-12-30
884' FNL & 1858' FWL
- ROCK HOUSE 10-23-32-30
909' FNL & 1854' FWL
- ROCK HOUSE 10-23-22-30
924' FNL & 1852' FWL

RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
31-30	172'	1,390'
21-30	VERTICAL	
11-30	197'	-1,201'
12-30	-1,098'	-1,201'
32-30	-1,071'	1,412'
22-30	-1,056'	125'

BASIS OF BEARINGS IS THE WEST LINE OF THE SW 1/4 OF SECTION 30, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°22'18"W.

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



BOTTOM HOLE FOOTAGES

- ROCK HOUSE 10-23-31-30
660' FNL & 1980' FEL
- ROCK HOUSE 10-23-21-30
VERTICAL
- ROCK HOUSE 10-23-11-30
660' FNL & 660' FWL
- ROCK HOUSE 10-23-12-30
1980' FNL & 660' FWL
- ROCK HOUSE 10-23-32-30
1981' FNL & 1968' FEL
- ROCK HOUSE 10-23-22-30
1980' FNL & 1980' FWL

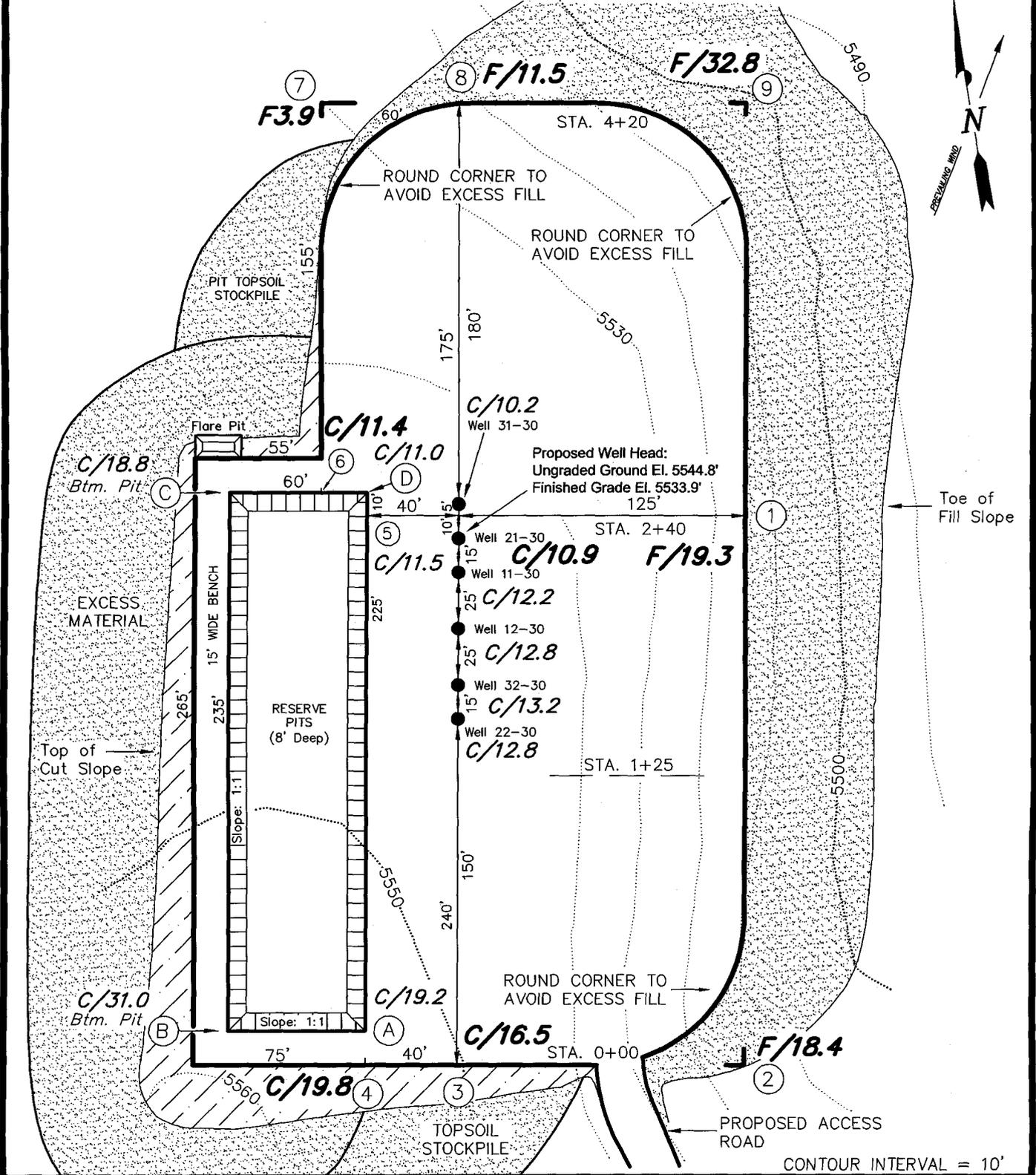
LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
31-30	39°55'31.06"	109°22'02.32"
21-30	VERTICAL	
11-30	39°55'31.02"	109°22'35.62"
12-30	39°55'17.98"	109°22'35.68"
32-30	39°55'18.01"	109°22'02.20"
22-30	39°55'18.01"	109°22'18.74"

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
31-30	39°55'29.37"	109°22'20.15"
21-30	39°55'29.22"	109°22'20.18"
11-30	39°55'29.08"	109°22'20.21"
12-30	39°55'28.83"	109°22'20.26"
32-30	39°55'28.59"	109°22'20.31"
22-30	39°55'28.44"	109°22'20.34"

ENDURING RESOURCES

CUT SHEET - ROCK HOUSE 10-23-21-30

Other wells on this pad: ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30,
ROCK HOUSE 10-23-12-30, ROCK HOUSE 10-23-22-30 & ROCK HOUSE 10-23-32-30

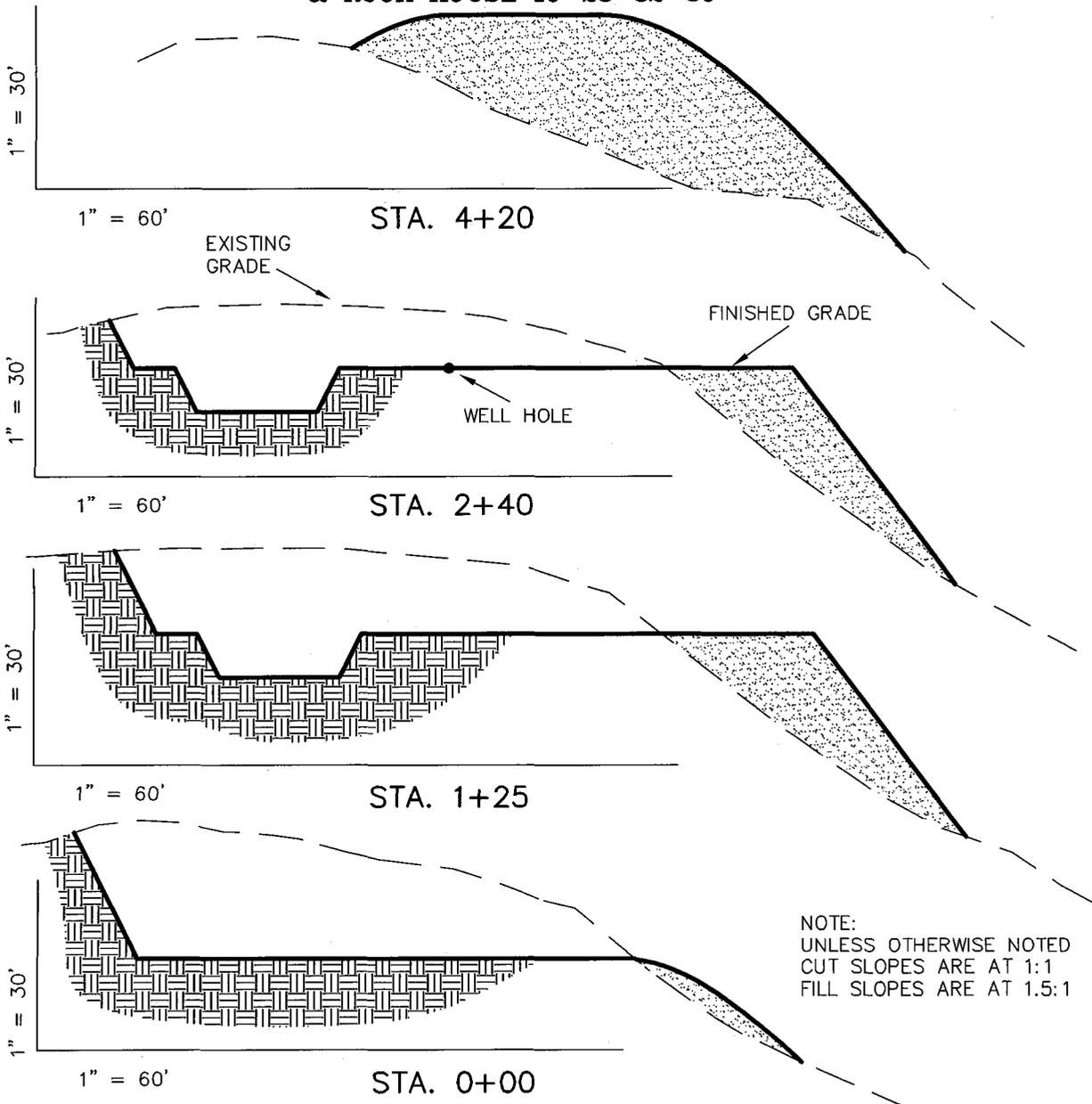


Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW		Timberline <i>Engineering & Land Surveying, Inc.</i> (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 3 OF 10
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision: 02-11-08			
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'			

ENDURING RESOURCES

CROSS SECTIONS - ROCK HOUSE 10-23-21-30

Other wells on this pad: ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30, ROCK HOUSE 10-23-12-30, ROCK HOUSE 10-23-22-30 & ROCK HOUSE 10-23-32-30



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

Pit overburden is included in pad cut.

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	26,150	27,900	Topsoil is not included in Pad Cut	-1,750
PIT	3,500	0		3,500
TOTALS	29,650	27,900	1,710	1,750

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

REFERENCE POINTS

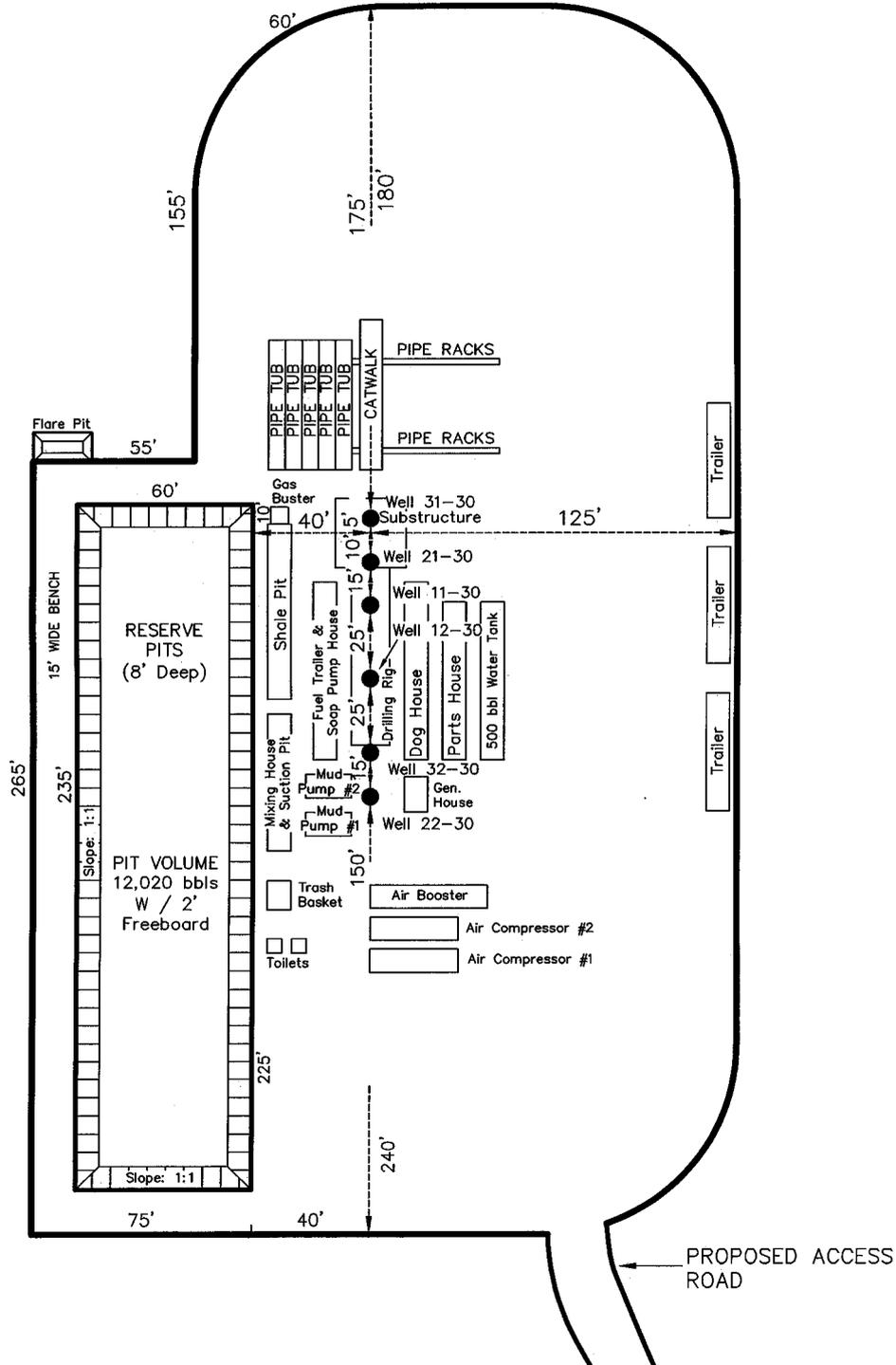
- 290' SOUTHERLY = 5551.7'
- 340' SOUTHERLY = 5554.8'
- 175' EASTERLY = 5496.7'
- 235' EASTERLY = 5483.3'

Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW		Timberline (435) 789-1365 <i>Engineering & Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 4 OF 10
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision: 02-11-08			
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'			

ENDURING RESOURCES

TYPICAL RIG LAYOUT - ROCK HOUSE 10-23-21-30

Other wells on this pad: ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30, ROCK HOUSE 10-23-12-30, ROCK HOUSE 10-23-22-30 & ROCK HOUSE 10-23-32-30

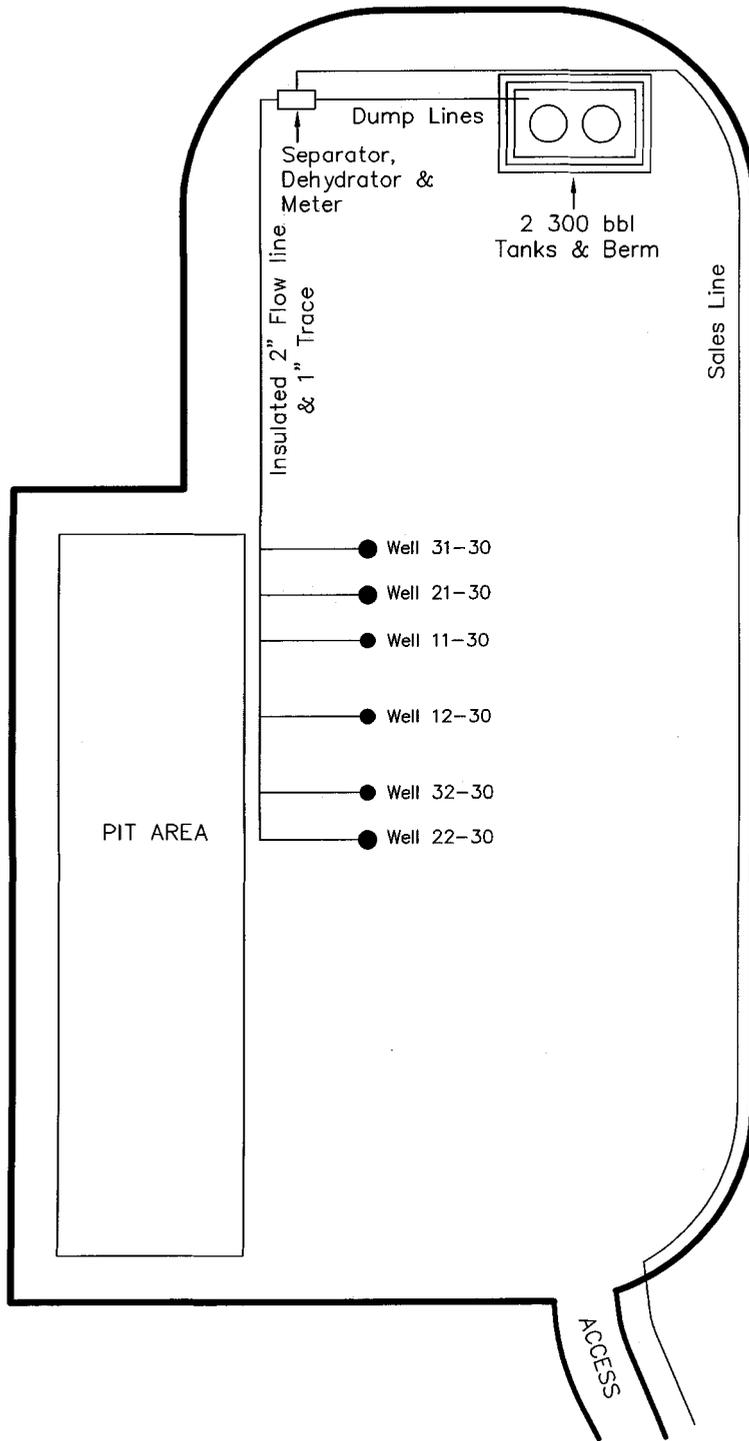


Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW		Timberline <i>Engineering & Land Surveying, Inc.</i> (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 5 OF 10
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision: 02-11-08			
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'			

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – ROCK HOUSE 10-23-21-30

Other wells on this pad: ROCK HOUSE 10-23-31-30, ROCK HOUSE 10-23-11-30, ROCK HOUSE 10-23-12-30, ROCK HOUSE 10-23-22-30 & ROCK HOUSE 10-23-32-30



Section 30, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: NE NW		Timberline (435) 789-1365 <i>Engineering & Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 6 OF 10
Date Surveyed: 12-21-05	Date Drawn: 12-30-05	Date Last Revision: 02-11-08			
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'			



LEGEND

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

TOPOGRAPHIC MAP "A"	DATE SURVEYED: 12-21-05
SCALE: 1"=10,000'	DATE DRAWN: 01-03-06
DRAWN BY: M.W.W.	REVISED: 02-11-08

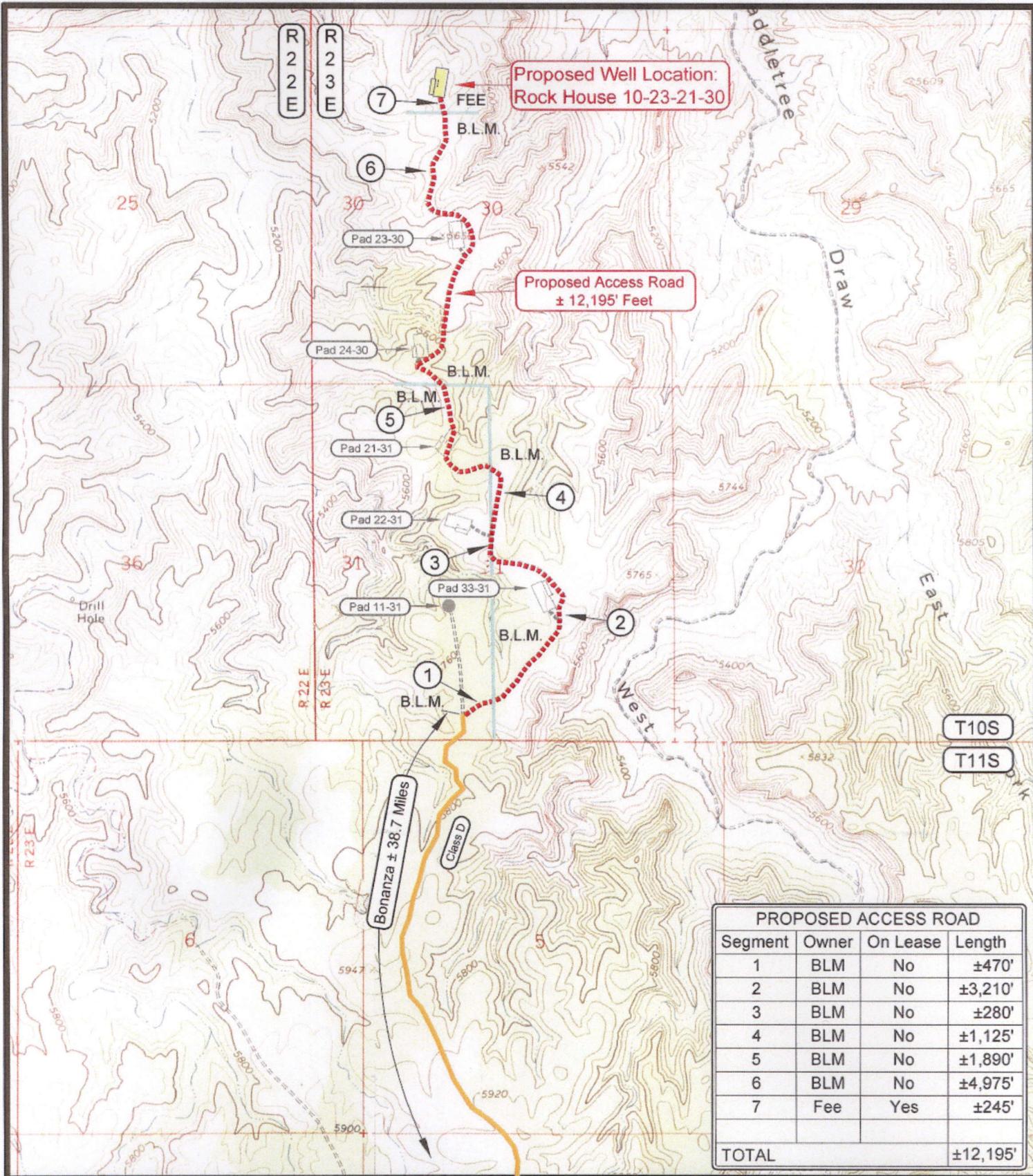
ENDURING RESOURCES

Rock House 10-23-21-30

Other wells on this pad: Rock House 10-23-31-30, Rock House 10-23-11-30, Rock House 10-23-12-30, Rock House 10-23-22-30 & Rock House 10-23-32-30
SECTION 30, T10S, R23E, S.L.B.&M.

Timberline (435) 789-1365
 Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
7
OF 10



PROPOSED ACCESS ROAD			
Segment	Owner	On Lease	Length
1	BLM	No	±470'
2	BLM	No	±3,210'
3	BLM	No	±280'
4	BLM	No	±1,125'
5	BLM	No	±1,890'
6	BLM	No	±4,975'
7	Fee	Yes	±245'
TOTAL			±12,195'

LEGEND

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

ENDURING RESOURCES

Rock House 10-23-21-30

Other wells on this pad: Rock House 10-23-31-30, Rock House 10-23-11-30, Rock House 10-23-12-30, Rock House 10-23-22-30 & Rock House 10-23-32-30
SECTION 30, T10S, R23E, S.L.B.&M.

TOPOGRAPHIC MAP "B"

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

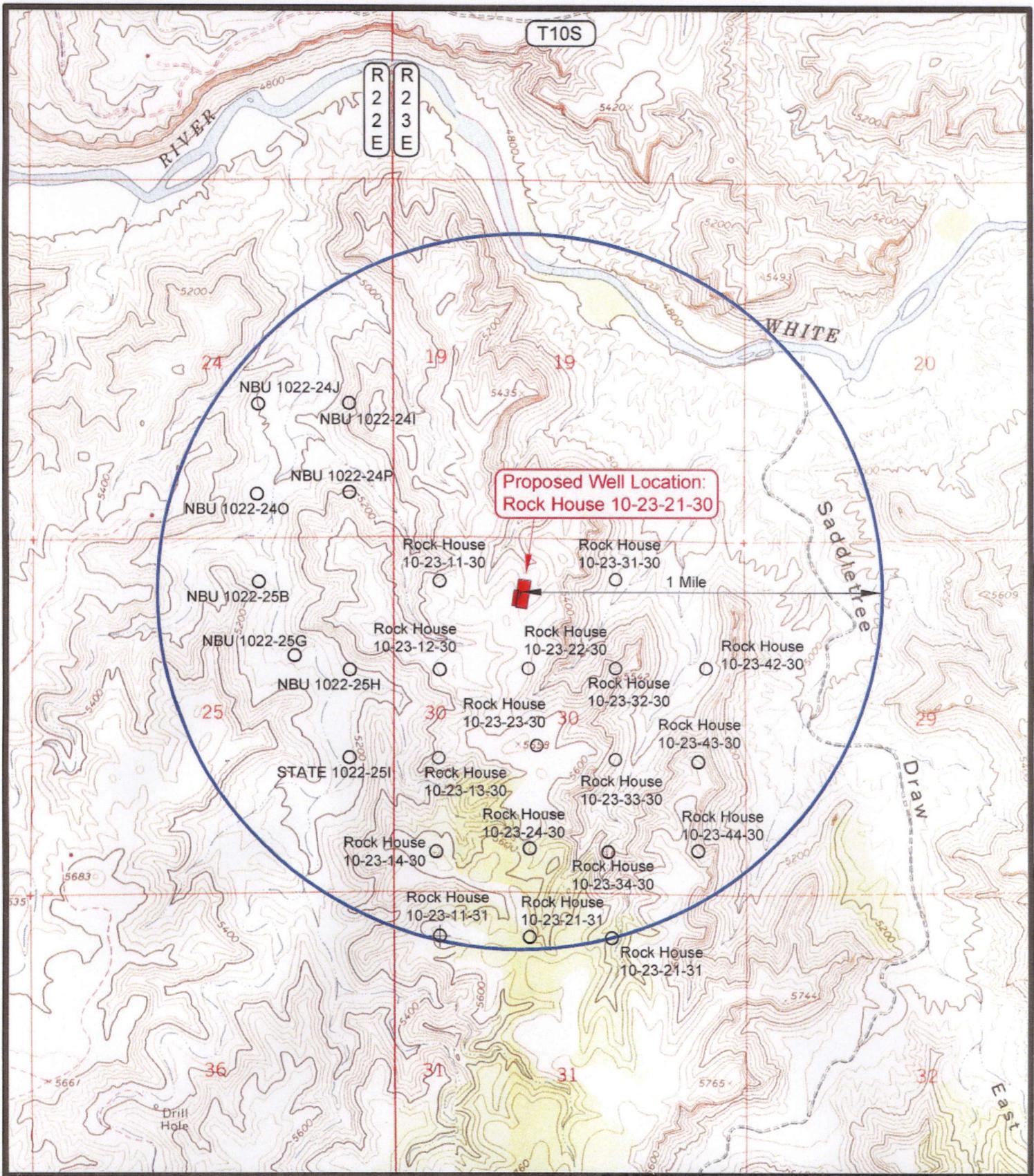
DATE SURVEYED: 12-21-05
 DATE DRAWN: 01-03-05
 REVISED: 02-11-08

Timberline

Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 789-1365

SHEET
8
 OF 10



**Proposed Well Location:
Rock House 10-23-21-30**

LEGEND

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

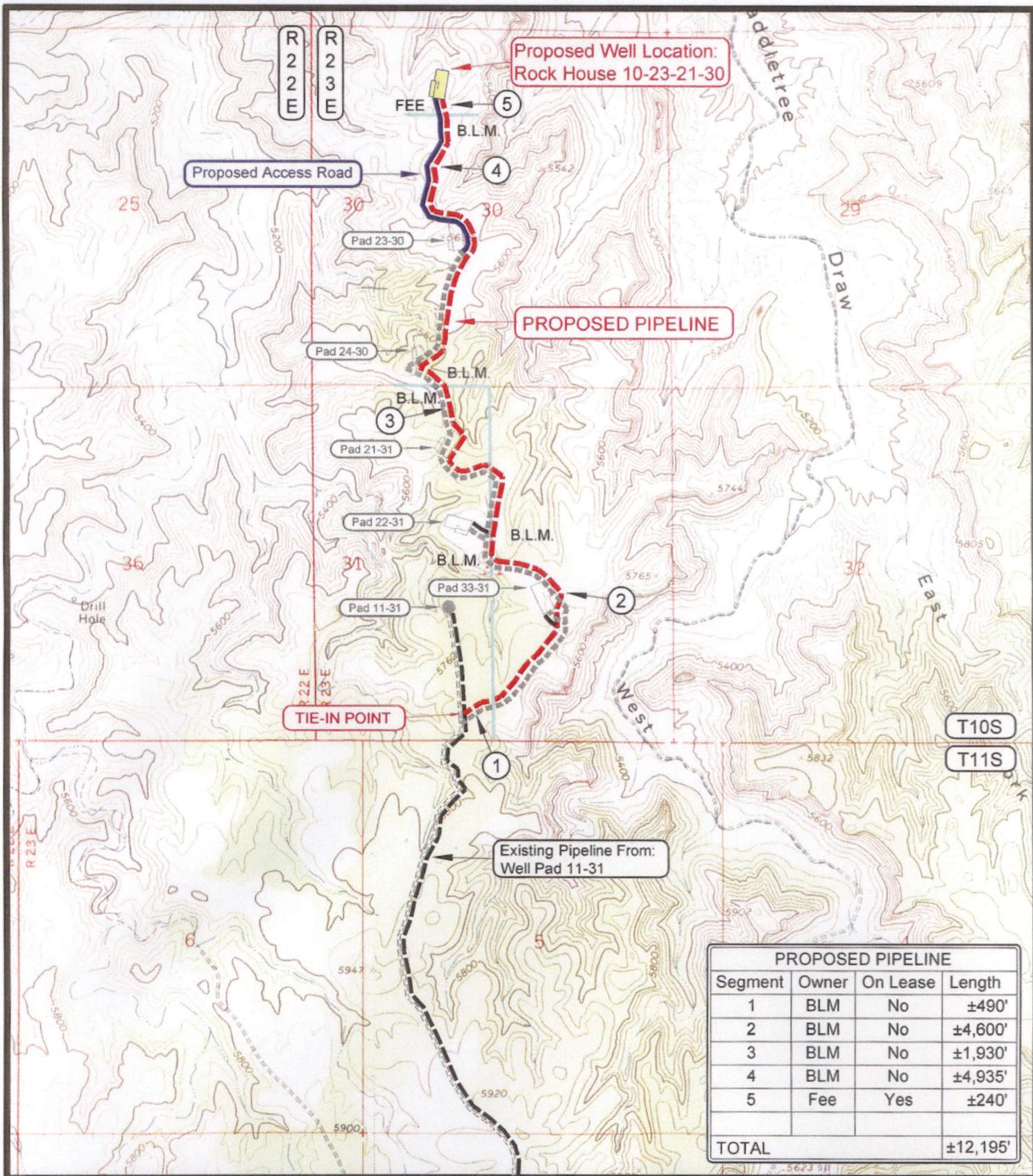
ENDURING RESOURCES

**Rock House 10-23-21-30
SECTION 30, T10S, R23E, S.L.B.&M.**

TOPOGRAPHIC MAP "C"		DATE SURVEYED: 12-21-05
		DATE DRAWN: 01-03-05
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED: 01-30-08

Timberline (435) 789-1365
 Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

**SHEET
9
OF 10**



**Proposed Well Location:
Rock House 10-23-21-30**

PROPOSED PIPELINE

TIE-IN POINT

**Existing Pipeline From:
Well Pad 11-31**

PROPOSED PIPELINE			
Segment	Owner	On Lease	Length
1	BLM	No	±490'
2	BLM	No	±4,600'
3	BLM	No	±1,930'
4	BLM	No	±4,935'
5	Fee	Yes	±240'
TOTAL			±12,195'

LEGEND

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

ENDURING RESOURCES

Rock House 10-23-21-30

Other wells on this pad: Rock House 10-23-31-30, Rock House 10-23-11-30, Rock House 10-23-12-30, Rock House 10-23-22-30 & Rock House 10-23-32-30
SECTION 30, T10S, R23E, S.L.B.&M.

TOPOGRAPHIC MAP "D"		DATE SURVEYED: 12-21-05
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	DATE DRAWN: 01-04-05
		REVISED: 02-11-08

Timberline (435) 789-1365
 Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET 10 OF 10

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Rock House 10-23-21-30
9. API NUMBER: 4304737832
10. FIELD AND POOL, OR WILDCAT: Undesignated
1. TYPE OF WELL OIL WELL [] GAS WELL [x] OTHER
2. NAME OF OPERATOR: Enduring Resources, LLC
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114
4. LOCATION OF WELL FOOTAGES AT SURFACE: 845' FNL - 1864' FWL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S STATE: UTAH

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

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

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

2-10-2008 MI RDMO Conductor Rig. Drill 38.3' of 20" hole and set 38' of 14" conductor w/ 3 yards of Ready Mix Cement. Waiting to drill and set surface pipe.
2-20-2008 DRILL 12 1/4" SURFACE HOLE TO 1800'. NO WATER. POOH LAYING DOWN DRILL PIPE. RIH W/CEMENT SHOE, 1 JNT CSG, FLOAT COLLAR, 8 CENTRALIZERS AND 39 JNTS 8-5/8' 32# J55 CSG TO 1800'. RU BIG 4 CEMENTER AND CEMENT W/ 1050 SX PREMIUM CLASS "G" 15.1 PPG.
CEMENT TO SURFACE, HELD
WAITING ON ROTARY DRILLING RIG

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 2/26/2008

(This space for State use only)

RECEIVED
MAR 03 2008
DIV. OF OIL, GAS & MINING

NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

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: 06/27/2008

Well:	API Number:	Drilling Commenced:
BONANZA 9-25-13-20	4304735929	08/06/2005
ROCK HOUSE 10-23-31-30	4304738101	02/08/2008
ROCK HOUSE 10-23-21-30	4304737832	02/08/2008

10S 23E 30

List Attached

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 contact Rachel Medina
at (801) 538-5260.

cc: Well File
Compliance File

CONFIDENTIAL

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 845' FNL - 1864' FWL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S STATE: UTAH		8. WELL NAME and NUMBER: Rock House 10-23-21-30
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304737832
		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: <u>7/2/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Completion Delay</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.

Request six months to build pipeline and complete well.

1. A Surface Casing/Conductor report has been filed on this well, however,
2. Five wells (four directional) were drilled "back-to-back" from this five-well pad, and the drilling rig just completed drilling the last well this week and is moving off location.
3. There was no room to complete any of the wells while the drilling rig was drilling and then rigging down.

A pipeline is being built and the well(s) will be completed.
See Notice of Late Reporting Attached.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>7/2/2008</u>

(This space for State use only)

RECEIVED
JUL 07 2008
DIV. OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Rock House 10-23-21-30
9. API NUMBER: 4304737832
10. FIELD AND POOL, OR WILDCAT: Undesignated
1. TYPE OF WELL OIL WELL [] GAS WELL [x] OTHER
2. NAME OF OPERATOR: Enduring Resources, LLC
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114
4. LOCATION OF WELL FOOTAGES AT SURFACE: 845' FNL - 1864' FWL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION
[x] NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/16/2008
[] SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:
[] ACIDIZE [] DEEPEN [] REPERFORATE CURRENT FORMATION
[] ALTER CASING [] FRACTURE TREAT [] SIDETRACK TO REPAIR WELL
[] CASING REPAIR [] NEW CONSTRUCTION [] TEMPORARILY ABANDON
[] CHANGE TO PREVIOUS PLANS [] OPERATOR CHANGE [] TUBING REPAIR
[] CHANGE TUBING [] PLUG AND ABANDON [] VENT OR FLARE
[] CHANGE WELL NAME [] PLUG BACK [] WATER DISPOSAL
[] CHANGE WELL STATUS [] PRODUCTION (START/RESUME) [] WATER SHUT-OFF
[x] COMMINGLE PRODUCING FORMATIONS [] RECLAMATION OF WELL SITE [x] OTHER: Commingle Application
[] CONVERT WELL TYPE [] RECOMPLETE - DIFFERENT FORMATION

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

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

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

COPY SENT TO OPERATOR
Date: 7-14-2008
Initials: KS

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 5/16/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/14/08
BY: [Signature] (See instructions on Reverse Side)

RECEIVED
MAY 19 2008
DIV. OF OIL, GAS & MINING

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 16, 2008

Forest Oil Corporation
707-17th Street, Suite 3600
Denver, Colorado 80202-4966

CERTIFIED MAIL
ARTICLE NO: 70063450000142729451

Attention: Land Department

RE: Commingling Application
Rock House 10-23-21-30
NENW, Sec. 30, T10S-R23E
Uintah County, Utah

Dear Leasehold Interest Owner:

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

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

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

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

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 16, 2008

Anadarko Petroleum Corporation
1099-18th Street, Suite 1200
Denver, Colorado 80202

CERTIFIED MAIL
ARTICLE NO: 70063450000142729413

Attention: Land Department

RE: Commingling Application
Rock House 10-23-21-30
NENW, Sec. 30, T10S-R23E
Uintah County, Utah

Dear Leasehold Interest Owner:

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

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

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

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

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

AFFIDAVIT OF MAILING

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

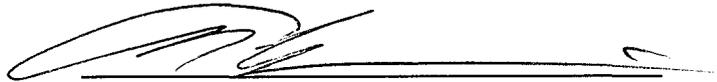
Alvin R. Arlian (hereinafter sometimes referred to as "Affiant"), of lawful age, being first duly sworn upon oath, deposes and says:

1. Affiant is a Landman-Regulatory Specialist for Enduring Resources, LLC (hereinafter sometimes referred to as "Enduring") whose address is 475-17th Street, Denver, Colorado 80202,
2. Enduring is the operator of the following described oil and gas well:

**Rock House 10-23-21-30 Well
T10S-R23E, Sec 30: NENW
Uintah County, Utah**

3. A cursory search of applicable records confirmed that the following parties are the only leasehold interest owners in the contiguous oil and gas wells, contiguous oil and gas leases, or contiguous oil and gas well production units overlying the "pool."
 1. Forest Oil Corporation
 2. Anadarko Petroleum Corporation
 - 3.
 - 4.
4. On Friday, May 16, 2008 Affiant mailed (or caused to be mailed) in U.S. Mail, with postage prepaid, a copy of the attached Application for Commingling two or more pools (formations) in one well bore of the well described in Paragraph No. 2 above which said Application for Commingling (Form 9) has/had concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the Bureau of Land Management), and
5. Attached is a map showing the location of wells' located on contiguous oil and gas leases and/or production units.

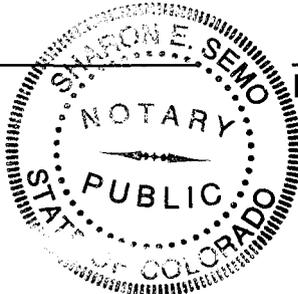
Affiant saith no more.



Alvin R. Arlian, Affiant

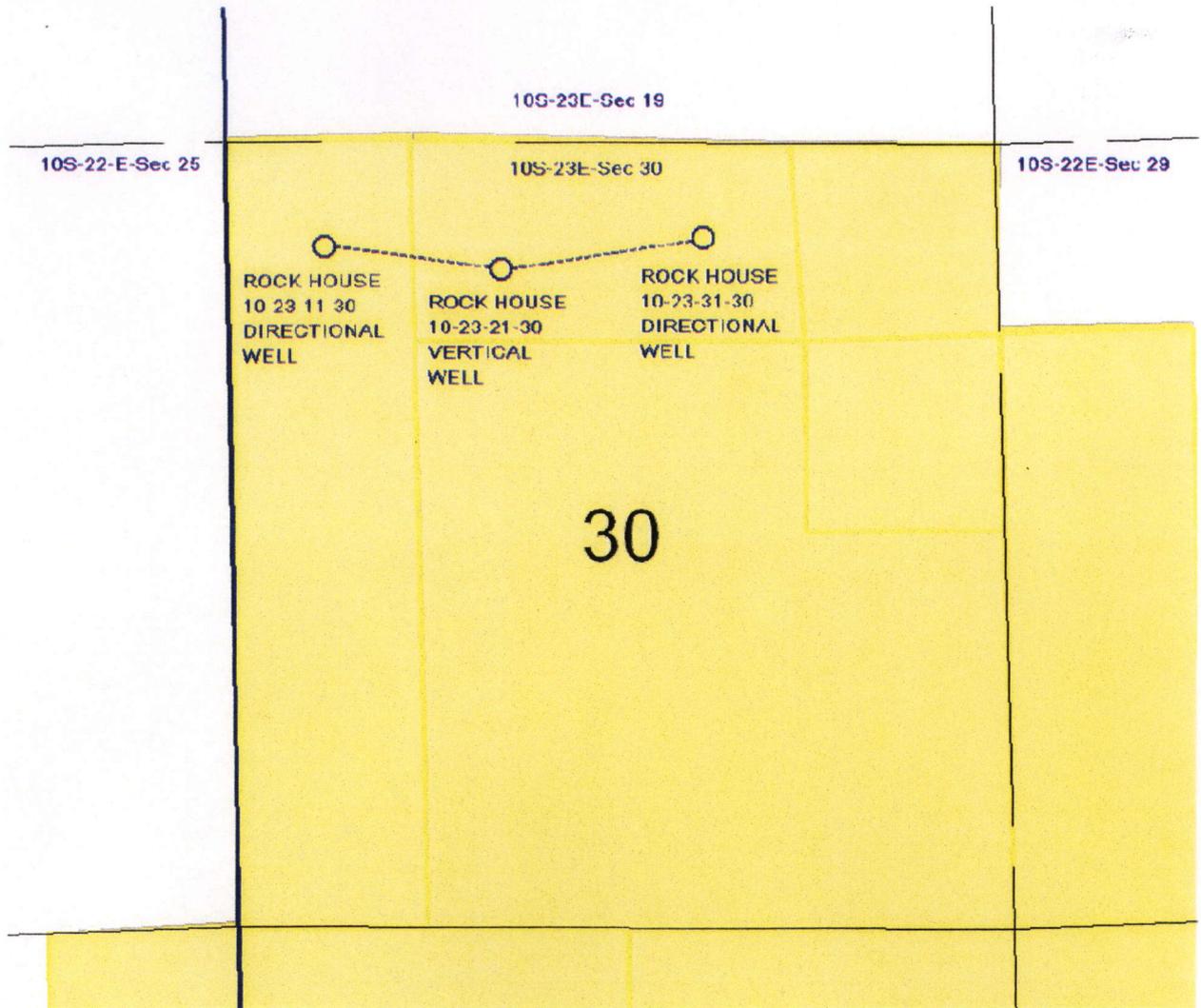
Scribed and sworn to before me this 16th day of May, 2008 by Alvin R. Arlian.

9/23/2009
My Commission Expires:



Sharon E. Sorenson
Notary Public.

MAP ATTACHED TO ENDURING RESOURCES LLC COMMINGLING APPLICATION FOR ROCK HOUSE
10-23-21-30 LOCATED IN THE NE-NW SEC. 30, T10S-R23E



CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 845' FNL - 1864' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S		8. WELL NAME and NUMBER: Rock House 10-23-21-30
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304737832
COUNTY: Uintah STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Undesignated

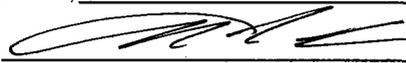
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input 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>First Gas Sales</u> Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

8-27-2008 First Gas Sales, 10/64" choke, rate of 494 mcf/gpd, 1000#'s FCP.

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

SIGNATURE  DATE 8/28/2008

(This space for State use only)

RECEIVED
SEP 02 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
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 DRY OTHER _____

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

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

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **845' FNL - 1864' FWL, NENW**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **same as above**
AT TOTAL DEPTH: **same as above**

5. LEASE DESIGNATION AND SERIAL NUMBER: **Fee**

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

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

8. WELL NAME and NUMBER: **Rock House 10-23-21-30**

9. API NUMBER: **4304737832**

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

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENW 30 10S 23E S**

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

14. DATE SPURRED: **3/16/2008** 15. DATE T.D. REACHED: **3/29/2008** 16. DATE COMPLETED: **8/27/2008** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **5550 RKB**

18. TOTAL DEPTH: MD **8,135** TVD _____ 19. PLUG BACK T.D.: MD **8,090** TVD _____ 20. IF MULTIPLE COMPLETIONS, HOW MANY? * **7**

21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

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

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
12-1/4"	9 5/8 J55	32#	16	1,800		CI H 1,050	215	0 (CIR)	0
7-7/8"	4 1/2 M80	11.60#	16	8,135		CI G 1,455	424	1472 (CBL)	0

25. TUBING RECORD

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

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	4,566	5,348			4,566 5,348	.38"	48	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Mesaverde	6,520	7,889			6,520 7,889	.38"	216	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4566 - 5348	Placed 32,574 lbs Ottawa 30/50 proppant in Wasatch formation
6520 - 7889	Placed 409,500 lbs Ottawa 30/50 proppant in Mesaverde formation

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

30. WELL STATUS: **Producing**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/27/2008	TEST DATE: 9/15/2008	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,691	WATER - BBL: 0	PROD. METHOD: Flowing
CHOKE SIZE: 30/64	TBG. PRESS.	CSG. PRESS. 1,350	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	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: →	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: →	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: →	INTERVAL STATUS:

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

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

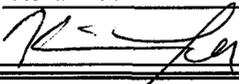
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	1,157
				Wasatch	3,889
				Mesaverde	5,943

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 9/24/2008

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

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DIV. OF OIL, GAS & MINING

43.047.37832



Enduring Resources, LLC

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

Drilling Chronological
Regulatory

Well Name: ROCK HOUSE 10-23-21-30									
Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT				
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern				
Project AFE:	DV00352	AFEs Associated:		/ / /					
Daily Summary									
Activity Date :	3/5/2008	Days From Spud :	-12	Current Depth :	1800 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
7:00	11:00	21	Hauled in 14 loads of Rig. 9 loads at Naples @ dark, to head to location at daylight.				1800	1800	NIH
Total:	11:00								
Daily Summary									
Activity Date :	3/6/2008	Days From Spud :	-11	Current Depth :	1800 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	12:00	01	Move in Bronco Rig # 23. 30% of Rig on location. Weld on & test 8-5/8" 5K wellhead.				1800	1800	NIH
Total:	12:00								
Daily Summary									
Activity Date :	3/7/2008	Days From Spud :	-10	Current Depth :	1800 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	12:00	01	Move in Bronco Rig # 23. 65% of Rig on location. Set mud pumps & mud tanks.				1800	1800	NIH
Total:	12:00								
Daily Summary									
Activity Date :	3/8/2008	Days From Spud :	-9	Current Depth :	1800 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	12:00	01	MIRU Bronco Rig #23. 75% of Rig on location. Held Pre - Spud meeting in Vernal.				1800	1800	NIH
Total:	12:00								
Daily Summary									
Activity Date :	3/9/2008	Days From Spud :	-8	Current Depth :	1800 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	12:00	01	MIRU Bronco Rig #23. 90% on location. Set in remainder of back yard. Set & level mats. Set in skid package. Set and pin sub structure. SDFN				1800	1800	NIH
Total:	12:00								

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9/24/2008

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/10/2008	Days From Spud :	-7	Current Depth :	1800 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	12.00	01	Haul in D.C.'s & D.P.. Set Draw Works & rotary table. Pin derrick together. Pin derrick to sub, raise A - legs. SDFN.	1800	1800	NIH

Total: 12.00

Daily Summary

Activity Date :	3/11/2008	Days From Spud :	-6	Current Depth :	1800 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	12.00	01	Rig up lines on derrick. Weld board. String up machine strung up drilling line. R/U Rig. Hauled in closed loop equipment. SDFN.	1800	1800	NIH

Total: 12.00

Daily Summary

Activity Date :	3/12/2008	Days From Spud :	-5	Current Depth :	1800 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO	Rig Name:	BRONCO # 23	Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	R U PUT ON ROTARY CHAIN GUARD, SET GAS BUSTER AND CHOKE HOUSE, HOOK UP GAS BUSTER AND WORK ON STEAM LINES. ELECTRICAN REPAIRED LINES FROM SCR TO DRAWWORKS. WORKED ON AIR COMPRESSOR PUMP ON COLD START, FIRE UP # 1 GEN	1800	1800	NIH

Total: 12.00

Daily Summary

Activity Date :	3/13/2008	Days From Spud :	-4	Current Depth :	1800 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO	Rig Name:	BRONCO # 23	Formation :		Weather:	

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	HOOK UP HYD LINES TO WT IND, TONG PULL. PUMP # 2 READY. FINISH HOOKING UP LIGHTS. BOLT STEAM LINES TO SIDE OF PITS. HOOK UP BRAKE WATER. REPAIRED AIR COMPRESSOR LINE. RAISE DERRICK. PUT UP FRONT WIND WALLS. (WAIT ON ELECTRICAN TILL 1400 HRS)	1800	1800	NIH

Total: 12.00

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DIV. OF OIL, GAS & MINING

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/14/2008	Days From Spud :	-3	Current Depth :	1800 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	01	START RIGGING UP FLOOR TO SKID RIG	1800	1800	NIH
8:00	6.00	01	WORK W/ PONDEROSA - DIRT WORK TO LEVEL RIG	1800	1800	NIH
14:00	3.00	01	SET MATS AND SKIDS	1800	1800	NIH
17:00	2.00	21	SKID RIG	1800	1800	NIH
19:00	0.50	22	BRIDLE DOWN	1800	1800	NIH
19:30	10.50	14	NU BOPE, LAND DRILLING FLANGE, N.U. SPACER, SET BOP, NU RISER, AND ROTATING HEAD	1800	1800	NIH

Total: 24.00

Daily Summary

Activity Date :	3/15/2008	Days From Spud :	-2	Current Depth :	1800 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	01	RIG UP/ RU FLOOR AND HANG TONGS	1800	1800	NIH
7:00	3.00	01	FINISH RU FLOOR AND PU KELLY	1800	1800	NIH
10:00	3.50	14	SWITCH LINES AROUND, CHANGE OUT FITTINGS. TIGHTEN TURN BUCKLES	1800	1800	NIH
13:30	1.00	15	TEST BOPE	1800	1800	NIH
14:30	2.00	08	RIG REPAIR/ TRY TO FUNCTION TEST BOP BLIND RAMS WOULD NOT OPEN	1800	1800	NIH
16:30	1.50	08	RIG REPAIR/ WORK ON BOP	1800	1800	NIH
18:00	2.00	08	RIG REPAIR/ WORK ON BOP	1800	1800	NIH
20:00	2.00	15	TEST KELLY AND TRY TO TEST PIPE RAMS, LEAKED THEN WOULD NOT OPEN	1800	1800	NIH
22:00	8.00	08	RIG REPAIR/ TRY TO OPEN PIPE RAMS	1800	1800	NIH

Total: 24.00

Daily Summary

Activity Date :	3/16/2008	Days From Spud :	-1	Current Depth :	1800 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	08	RIG REPAIR/ WORK ON BOP	1800	1800	NIH
13:30	3.00	15	TEST PIPE RAMS, BLIND RAMS, LOWER AND UPPER KELLY VALVE, SAFETY VALVE, DART, SUPER CHOKE, HCR, AND ALL VALVES 250 PSI LO. 3000 PSI HIGH.	1800	1800	NIH
16:30	1.50	08	REPAIR LEAK ON SWIVEL. AND TEST BACK TO PUMPS 1500 PSI. TEST SURFACE CASING 1500 PSI.	1800	1800	NIH
18:00	6.00	01	RIG UP FLOW LINE, INSTALL WEAR BUSHING, PUT ON LOWER KELLY COCK, SS. AND PICK UP LIFT SUB	1800	1800	NIH
0:00	0.50	06	HELD SAFETY MEETING W/ LAYDOWN CREW	1800	1800	NIH
0:30	1.50	06	RU LAYDOWN TRUCK, RE-DO CABLE ON TRUCK	1800	1800	NIH
2:00	4.00	06	PU BHA START IN HOLE	1800	1800	NIH

Total: 24.00

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DIV. OF OIL, GAS & MINING

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/17/2008	Days From Spud :	1	Current Depth :	2114 Ft	24 Hr. Footage Made :	314 Ft
Rig Company :	BRONCO		Rig Name:	BRONCO # 23			
Formation :			Weather:				

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.00	06	PU BHA TIH TO 1200' PU KELLY INSTALL ROTATING RUBBER, AND BREAK CIRCULATION, FINISH IN HOLE TO FLOAT	1800	1800	NIH
13:00	1.00	21	RD LAYDOWN MACHINE	1800	1800	NIH
14:00	1.00	06	TRIP INTO FLOAT, RE-CALIBRATE PASON	1800	1800	NIH
15:00	3.00	02	DRILL DOWN TO 1732'	1800	1800	NIH
18:00	2.00	10	RU WIRELINE, RUN SURVEY, @ 1648= 1.89 INC.	1800	1800	NIH
20:00	1.00	02	DRILL DOWN TO 1808' CIRCULATE HOLE CLEAN	1800	1808	1
21:00	1.00	21	FIT TEST 30 MIN EMW= 10.5	1808	1808	1
22:00	8.00	02	DRILL F= 1808 T= 2114	1808	2114	1
Total:	24.00					

Daily Summary

Activity Date :	3/18/2008	Days From Spud :	2	Current Depth :	3192 Ft	24 Hr. Footage Made :	1078 Ft
Rig Company :	BRONCO		Rig Name:	BRONCO # 23			
Formation :			Weather:				

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	DRILL F= 2114 T= 2336	2114	2336	1
10:30	0.50	10	RUN SURVEY @ 2304 INC= 1.29	2336	2336	1
11:00	3.50	02	DRILL F= 2336 T= 2526	2336	2526	1
14:30	0.50	07	SERVICE RIG	2526	2526	1
15:00	3.00	02	DRILL F= 2526 T= 2685	2526	2685	1
18:00	1.00	08	RIG REPAIR/ KELLY SPINNERS	2685	2685	1
19:00	0.50	07	SERVICE RIG	2685	2685	1
19:30	10.50	02	DRILL F= 2685 T= 3192	2685	3192	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2526		8.40	0.00	29	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	12.00	0.00	0.00	0.00	300	2700	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0													

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DIV. OF OIL, GAS & MINING

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/19/2008	Days From Spud :	3	Current Depth :	3848 Ft	24 Hr. Footage Made :	656 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	02	DRILL F= 3192 T= 3327	3192	3327	1
9:30	0.50	07	SERVICE RIG	3327	3327	1
10:00	0.50	02	DRILL F= 3327 T= 3353	3327	3353	1
10:30	0.50	10	RUN SERVEY @ 3319 INC= 1.39	3353	3353	1
11:00	1.50	02	DRILL F= 3353 T= 3415	3353	3415	1
12:30	0.50	21	BLOW SWIVEL PACKING	3415	3415	1
13:00	1.00	06	TRIP TO SHOE	3415	3415	1
14:00	2.50	08	RIG REPAIR/ WAIT ON SWIVEL PACKING	3415	3415	1
16:30	1.50	08	RIG REPAIR/ REPLACE SWIVEL PACKING	3415	3415	1
18:00	1.50	08	RIG REPAIR/ FINISH REPAIR ON SWIVEL	3415	3415	1
19:30	1.00	06	TRIP IN HOLE	3415	3415	1
20:30	0.50	03	WASH BACK TO BOTTOM	3415	3415	1
21:00	9.00	02	DRILLED F= 3415 T= 3848	3415	3848	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3353		8.50		28	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	12.00	0.00	0.00	0.00	300	4200	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0													

Daily Summary

Activity Date :	3/20/2008	Days From Spud :	4	Current Depth :	4811 Ft	24 Hr. Footage Made :	963 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :	Wasatch			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.50	02	DRILL F= 3848 T= 4334	3848	4334	1
15:30	0.50	10	RUN SURVEY @ 4303 INC= 1.4	4334	4334	1
16:00	2.00	02	DRILL F= 4334 T= 4430	4334	4430	1
18:00	8.50	02	DRILL F= 4430 T= 4730	4430	4730	1
2:30	0.50	07	SERVICE RIG	4730	4730	1
3:00	0.50	08	RIG REPAIR/ REPLACE O-RING IN STAND PIPE	4730	4730	1
3:30	2.50	02	DRILL F= 4730 T= 4811	4730	4811	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4100		8.80		30	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	8.50	0.00	0.00	0.00	1320	600	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0													

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Well Name: ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/21/2008	Days From Spud :	5	Current Depth :	5446 Ft	24 Hr. Footage Made :	635 Ft
Rig Company :	BRONCO		Rig Name:	BRONCO # 23			
Formation :	Wasatch		Weather:				

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	02	DRILL F= 4811 T= 4920	4811	4920	1
9:00	0.50	07	SERVICE RIG	4920	4920	1
9:30	1.50	02	DRILL F= 4920 T= 4992	4920	4992	1
11:00	1.50	08	RIG REPAIR/ REPLACE PACKING IN SWIVEL	4992	4992	1
12:30	5.50	02	DRILL F= 4992 T= 5192	4992	5192	1
18:00	5.50	02	DRILL F= 5192 T= 5319	5192	5319	1
23:30	0.50	10	RUN SURVEY @ 5300' INC= 1.14	5319	5319	1
0:00	4.00	02	DRILL F= 5319 T= 5414	5319	5414	1
4:00	0.50	07	SERVICE RIG	5414	5414	1
4:30	1.50	02	DRILL F= 5414 T= 5446	5414	5446	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4992		9.20	9.20	39	11	15	5/0/0	17.8	0.0	1	0.00	4.0%	96.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.00	0.00	0.40	0.90	1000	300	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	98												

Daily Summary

Activity Date :	3/22/2008	Days From Spud :	6	Current Depth :	5790 Ft	24 Hr. Footage Made :	344 Ft
Rig Company :	BRONCO		Rig Name:	BRONCO # 23			
Formation :	Wasatch		Weather:				

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.00	02	DRILL F= 5446 T= 5604	5446	5604	1
16:00	0.50	07	SERVICE RIG	5604	5604	1
16:30	1.50	02	DRILL F= 5604 T= 5636	5604	5636	1
18:00	12.00	02	DRILL F= 5636 T= 5790	5636	5790	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5537	12:30	9.20	9.20	41	11	10	4/18/28	8.8	0.0	2	0.00	4.0%	96.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
10.0	8.50	0.00	0.05	0.04	700	600	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	95												

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DIV. OF OIL, GAS & MINING

Well Name: ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/23/2008	Days From Spud :	7	Current Depth :	6125 Ft	24 Hr. Footage Made :	335 Ft
Rig Company :	BRONCO	Rig Name:	BRONCO # 23				
Formation :	Mesaverde	Weather:					

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	02	DRILL F= 5790 T= 5804	5790	5804	1
7:30	0.50	07	SERVICE RIG, REPLACE O-RING IN SWIVEL	5804	5804	1
8:00	10.00	02	DRILL F= 5804 T= 5985	5804	5985	1
18:00	10.00	02	DRILL F= 5985 T= 6125	5985	6125	1
4:00	2.00	06	BUILD AND PUMP SLUG & TOO H	6125	6125	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5877	12:30	9.50	9.50	42	17	9	4/18/30	8.8	0.0	2	0.00	8.0%	92.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
11.0	9.00	1.30	0.50	1.80	700	520	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	95												

Daily Summary

Activity Date :	3/24/2008	Days From Spud :	8	Current Depth :	6125 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO	Rig Name:	BRONCO # 23				
Formation :	Mesaverde	Weather:					

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	06	TOOH TO BHA	6125	6125	1
8:30	1.00	08	BREAK SWIVEL / UNHOOK SPINNERS	6125	6125	1
9:30	2.50	06	TOOH TO BIT	6125	6125	1
12:00	2.50	08	CHANGE OUT SWIVEL	6125	6125	1
14:30	3.50	06	P/U NEW MUD MOTOR AND BIT & TIH W/ BHA	6125	6125	1
18:00	3.00	06	BREAK CIRCULATION @ SHOE, TIH TO 3,800' TIGHT SPOT	6125	6125	1
21:00	1.50	03	REAM 90'	6125	6125	1
22:30	3.00	05	CIRCULATE AND CONDITION HOLE BRING MUD WEIGHT TO 10.2	6125	6125	1
1:30	4.50	03	WASH AND REAM DOWN TO 4,750	6125	6125	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6125	10:30	9.60	9.60	41	18	11	3/7/12	8.0	0.0	2	0.00	8.0%	92.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.00	1.00	0.30	1.10	800	480	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	90												

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DIV. OF OIL, GAS & MINING

Well Name: ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/25/2008	Days From Spud :	9	Current Depth :	6237 Ft	24 Hr. Footage Made :	112 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	03	WASH AND REAM DOWN TO 4,808 STUCK PIPE	6125	6125	2
7:30	1.00	21	WORK STUCK PIPE/ WORK PIPE FREE	6125	6125	2
8:30	9.50	03	WASH AND REAM DOWN TO 5,750'	6125	6125	2
18:00	10.00	03	WASH AND REAM F= 5,750 T= 6,125	6125	6125	2
4:00	2.00	02	DRILL F= 6,125 T= 6,237	6125	6237	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6125	13:00	9.90	9.90	41	21	8	3/14/20	7.2	0.0	1	0.00	10.0%	90.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	8.50	0.15	0.20	0.90	600	320	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	90												

Daily Summary

Activity Date :	3/26/2008	Days From Spud :	10	Current Depth :	6967 Ft	24 Hr. Footage Made :	730 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	02	DRILL F= 6237 T= 6331	6237	6331	2
10:00	0.50	10	RUN SURVEY @ 6,256' INC= .88	6331	6331	2
10:30	7.00	02	DRILL F= 6331 T= 6585	6331	6585	2
17:30	0.50	07	SERVICE RIG	6585	6585	2
18:00	7.00	02	DRILL F= 6585 T= 6808	6585	6808	2
1:00	0.50	05	TIGHT SPOT @ 6808, PUMP HI VIS SWEEP, CIRCULATE FOR CONNECTION	6808	6808	2
1:30	4.50	02	DRILL F= 6808 T= 6967	6808	6967	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6347	11:00	10.10	10.10	46	18	14	12/20/22	8.0	0.0	2	0.00	8.6%	91.4%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.4	8.50	0.15	0.50	0.90	600	580	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	90		LOW GRAVITY SOLIDS= 3.98										

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DIV. OF OIL, GAS & MINING

Well Name: ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/27/2008	Days From Spud :	11	Current Depth :	7508 Ft	24 Hr. Footage Made :	541 Ft
Rig Company :	BRONCO		Rig Name:	BRONCO # 23			
Formation :	Mesaverde		Weather:				

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.00	02	Drill F/ 6,967' to 7,349' (382') WOB 12 - 18K, RPM 45-52, MTR. 70	6967	7349	2
16:00	0.50	07	Rig Service	7349	7349	2
16:30	0.50	10	Deviation Survey @ 7,274' = 2.21 degrees	7349	7349	2
17:00	9.50	02	Drill F/ 7,349' to 7,508' (159') WOB 8 - 20K, RPM 40 -55, MTR 70. At 7,500' gas increased to 3,200 units.	7349	7508	2
2:30	3.50	05	Circulate through gas buster (Reciprocate Pipe) Raise MW. Mud weight in 10.2 ppg, Mud weight behind buster 10.1 ppg. Gas average 3,300 units, Max gas 5,327 units.	7508	7508	2
Total: 24.00						

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7508	12:30	10.30	10.10	45	15	13	14/15/15	10.0	0.0	2	0.00	11.0%	89.0%	0.1%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	8.50	0.15	0.20	0.30	1000	560	0	0.00	0.00	0	0	0.00	0/100	0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	10.5	90		LOW GRAVITY SOLIDS= 7.26										

Daily Summary

Activity Date :	3/28/2008	Days From Spud :	12	Current Depth :	7601 Ft	24 Hr. Footage Made :	93 Ft
Rig Company :	BRONCO		Rig Name:	BRONCO # 23			
Formation :	Mesaverde		Weather:				

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	05	Circulate @ 7,508' & raise mud weight to knock down gas.	7508	7508	2
12:00	4.50	08	Rig Repair. Bolts sheared on 3 brake pads on brake flange drillers side. Pick up, set slips, set kelly back, install D.P. swedge & bales to fill-up valve to circulate, hang blocks. Pulled both flanges, replaced with new flanges & brake pads. Adjust brakes. P/U kelly. MW 10.7 ppg in 10.6 ppg out. Gas @ 150 units.	7508	7508	2
16:30	0.50	07	Rig service	7508	7508	2
17:00	13.00	02	Drill F/ 7,508' to 7,601'. WOB 8 -22K, RPM 30 -50, MTR 70.	7508	7601	2
Total: 24.00						

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
7601	6:00	10.70	10.70	47	14	16	18/18/22	9.2	0.0	2	0.00	12.0%	88.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
13.3	8.50	0.30	0.18	0.50	700	800	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	10.9	90		LOW GRAVITY SOLIDS= 4.17										

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DIV. OF OIL, GAS & MINING

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/29/2008	Days From Spud :	13	Current Depth :	7681 Ft	24 Hr. Footage Made :	174 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	Drill F/ 7,507' to 7,511'.	7507	7511	2
7:00	5.50	06	Slug Pipe. P.O.O.H., (Hole tight @ 6,298', 3,952')	7511	7511	2
12:30	1.00	06	Break reamers, L/D Mud Motor # 2 (79 hours) P/U Mud Motor #3.	7511	7511	3
13:30	7.00	06	T.I.H., Break circulation @ 3,600'. Install Rotating rubber. (Strap Pipe In, 72 stds. + double of drill pipe. Pason tally showed 73 stds. + double. CORRECTION T.D. = 7,511.6 FT.)	7511	7511	3
20:30	5.50	02	Drill F/ 7,511' to 7,631'. WOB 10 -17K, RPM 30-50, MTR 70. (Bottoms up Max. Gas 6,615 units, MW in 10.8 ppg, MW out 10.6 ppg, behind gas buster)	7511	7631	3
2:00	1.00	08	Rig Repair. Replace o-ring in stand pipe.	7631	7631	3
3:00	2.50	02	Drill F/ 7,631' to 7,681'. Generator went down.	7631	7681	3
5:30	0.50	08	Trying to start generator.	7681	7681	3
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
	6:00	10.80	10.70	48	16	20	19/27/39	9.0	0.0	2	0.00	10.0%	90.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
13.5	8.50	0.50	0.17	0.50	900	560	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.0	90		LOW GRAVITY SOLIDS= .16										

Daily Summary

Activity Date :	3/30/2008	Days From Spud :	14	Current Depth :	8135 Ft	24 Hr. Footage Made :	454 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	Drill F/ 7,681' to 7,822'. WOB 12 - 15K, RPM 40 - 50, MTR 70.	7681	7822	3
11:00	0.50	07	Rig Service	7822	7822	3
11:30	9.00	02	Drill F/ 7,822' to 8,085'. WOB 8 - 15K, RPM 40 - 50, MTR 70	7822	8085	3
20:30	1.50	05	Pump high viscosity walnut sweep. Circulate sweep out. Gas increased to 5,185 units. (Drilled 30' sand from 8,010' to 8,040') Start raising mud weight.	8085	8085	3
22:00	1.00	02	Drill F/ 8,085' to 8,108'. Gas 3,300 units. MW in 11.0 ppg, MW out 10.8 ppg (behind buster) Flare 6' to 12'.	8085	8108	3
23:00	0.50	05	Circulate Gas out @ 8,108' & raise MW.	8108	8108	3
23:30	1.00	02	Drill F/ 8,108' to 8,135'. T.D. 7-7/8" hole @ 8,135' @ 00:30 hours.	8108	8135	3
0:30	3.00	05	Circulate @ 8,135' & raise MW to 11.1 ppg., BGG = 190 units	8135	8135	3
3:30	0.50	10	Deviation Survey @ 8,060' = 2.27 degrees	8135	8135	3
4:00	2.00	06	Slug Pipe. P.O.O.H. to Log.	8135	8135	3
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8135	6:00	11.10	10.80	48	17	18	20/26/28	9.0	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	8.50	0.30	0.15	0.50	700	540	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.3	90		LOW GRAVITY SOLIDS= 7.92										

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SEP 29 2008

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	3/31/2008	Days From Spud :	15	Current Depth :	8135 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	06	Continue P.O.O.H. to Log. (Used pipe spinners to surface casing)	8135	8135	3
11:00	0.50	06	L/D Mud Motor & Reamers.	8135	8135	3
11:30	7.50	11	Safety Meeting with Halliburton Logging. R/U same. Ran Triple-Combo Log. Log T.D. = 8,134'. R/D Halliburton	8135	8135	3
19:00	1.00	06	M/U Bit #4 (R.R. #2) & Bit Sub with float. T.I.H. with B.H.A. #4.	8135	8135	4
20:00	4.00	09	Slip & cut 110' of Drilling Line.	8135	8135	4
0:00	4.00	06	T.I.H. (Fill Pipe @ 1,750' & 5,000')	8135	8135	4
4:00	0.50	08	Rig Repair. Work on Dyn-a-matic Brake.	8135	8135	4
4:30	1.50	06	Continue T.I.H.	8135	8135	4
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8135	6:00	11.10	10.80	48	17	18	20/26/28	9.0	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	8.50	0.30	0.15	0.50	700	540	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.3	90		LOW GRAVITY SOLIDS= 7.92										

Daily Summary

Activity Date :	4/1/2008	Days From Spud :	16	Current Depth :	8135 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	08	Rig repair. Work on pump to dyn-a-matic brake.	8135	8135	4
6:30	1.00	06	T.I.H. to 8,135'.	8135	8135	4
7:30	7.50	05	Circulate & Condition @ 8,135'. 15' to 30 flare to bottoms up. (flare melted gas detector line, Pason not showing gas) MW 11.2 ppg in, 11.1 ppg out, viscosity 44. R/U L/D machine.	8135	8135	4
15:00	8.00	21	Slug Pipe. L/D 4-1/2" Drill Pipe. Pull Rotating Head rubber. L/D drill collars.	8135	8135	NIH
23:00	2.00	21	Pull wear bushing. R/U Caliber Casing Tools. Safety meeting with all personnel.	8135	8135	NIH
1:00	5.00	12	Make up float equipment & test same. Run 4-1/2" casing to 4,300'.	8135	8135	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8135	6:00	11.00	10.80	44	17	18	20/26/28	9.0	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	8.50	0.30	0.15	0.50	700	540	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.3	90		LOW GRAVITY SOLIDS= 7.92										

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DIV. OF OIL, GAS & MINING

Well Name:ROCK HOUSE 10-23-21-30

Field Name:	Natural Buttes	S/T/R:	30/T10S/R23E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Daily Summary

Activity Date :	4/2/2008	Days From Spud :	17	Current Depth :	8135 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BRONCO			Rig Name:	BRONCO # 23		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	12	Run 4-1/2" Casing to 8,120' (Hole tight)	8135	8135	NIH
9:00	1.50	21	M/U swedge & hose to circulate. Washed to 8,135'. Pipe sticking. Gas to surface. Ran total of 191 jts. + marker jt. = 8,171.76' with 36.65' of jt. # 191 above rotary table. Shoe @ 8,135.11'.	8135	8135	NIH
10:30	1.50	21	Close annular & circulate out gas. 10' to 20' flare. Started losing mud. Estimate total of 300 bbls. lost while circulating & washing.	8135	8135	NIH
12:00	1.00	21	R/D P/U machine & 4-1/2" Csg. Tools.	8135	8135	NIH
13:00	6.50	12	Safety meeting with Halliburton & all personnel. R/U Halliburton. Pressure test lines to 3,000 psi. Pump 10 bbls. Water, Pump 20 bbls. Super Flush, Pump 10 bbls. Water. Started getting returns. Mix & pump 225 sx. (154 bbls.) Hi-Fill - SBM, with 3 lbm Granulite TR 1/4 (@ 11.0 ppg, Yield 3.85). Mix & Pumped 1,230 sx. 50/50 POZ - SBM (269 bbls.) with 0.6% Halad R-322, + 5% Salt, + 0.125 lbm Poly-E-Flake (@ 14.35 ppg, Yield 1.23) Drop Plug. Displaced with 125.4 bbls. Water with clay stabilizer. Bumped plug @ 2,700 psi. Released pressure, floats holding. R/D Halliburton.	8135	8135	NIH
19:30	6.50	21	Clean mud tanks, Break bolts on 5K Wellhead Inc. drilling flange & flowline. P/U Stack. Set slips. Cut off 4-1/2" casing. Break off Rotating head & spool. Hang B.O.P.'S. Released Rig @ 02:00 hours 04-02-2008.	8135	8135	NIH
2:00	4.00	01	Prepare to skid Rig.	8135	8135	NIH
Total:		24.00				

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
8135	6:00	11.00	10.80	44	17	18	20/26/28	9.0	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	8.50	0.30	0.15	0.50	700	540	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.3	90		LOST 300 BBLs. OF MUD WHILE WASHING TO BOTTOM & CIRCULATING.										

Formation

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

Casing

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
2/21/2008	1800	40	3. Surface	9.625	32	J-55	8.921	12.25	1800
Stage: 1, , 0, 1050, , Class H, 0, 15.1									
4/1/2008	8135	191	5. Production	4.5	11.6	M-80	0	7.875	8135
Stage: 1, Lead, 0, 225, Hi-Fill - SBM, Other, 3.85, 11									
Stage: 1, Tail, 0, 1230, 50/50 - SBM, Pozmix, 1.23, 14.35									

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DIV. OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: n/a
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: Rock House 10-23-21-30
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304737832
4. LOCATION OF WELL FOOTAGES AT SURFACE: 845' FNL - 1864' FWL		10. FIELD AND POOL, OR WILDCAT: Undesignated
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 30 10S 23E S		COUNTY: Uintah
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input 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: 10/3/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Commingling Confirmation.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

8-27-2008 First Gas Sales,

Well was commingled during initial completion.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>10/2/2008</u>

(This space for State use only)

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OCT 06 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-21-30
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047378320000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0845 FNL 1864 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 30 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Test New Formation"/>

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

Failed to file Notice of Intent Sundry Notice for work completed. 11-8-2011, called DOG&M and reported oversight. Pulled tubing and made a bit run to 6629'. Set a CIBP at 6430' and cap with 12' of cement. Set a CIBP @ 4500' and fill the casing. Test the casing to 1000 psig for 15 mins OK. Perforate and test the Green River interval from 2257' to 3347'. BD and swab test intervals and zones are non-commercial. Drill out the CIBP at 4500' and run a packer with tailpipe. Land the tubing at 5302' and set the packer at 3464'. Swab & kickoff and RDMO.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 11/17/2011

By: *Derek Quist*

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 11/8/2011	

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

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

7. UNIT or CA AGREEMENT NAME
N/A

8. WELL NAME and NUMBER:
Rock House 10-23-21-30

9. API NUMBER:
4304737832

10. FIELD AND POOL, OR WILDCAT
Undesignated

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENW 30 10S 23E S

12. COUNTY
Uintah

13. STATE
UTAH

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER **Perf Report**

2. NAME OF OPERATOR:
Enduring Resources, LLC

3. ADDRESS OF OPERATOR: **511-16th St., Suite 700** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 573-1222**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **845' FNL - 1864' FWL, NENW**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **Same as Above.**
AT TOTAL DEPTH: **Same as Above.**

14. DATE SPUDDED: **3/16/2008** 15. DATE T.D. REACHED: **3/29/2009** 16. DATE COMPLETED: **8/27/2008** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5550 RKB

18. TOTAL DEPTH: MD **8,135** 19. PLUG BACK T.D.: MD **8,090** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * **2**

21. DEPTH BRIDGE MD **MD** PLUG SET: **TVD**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously Submitted.

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	Line Pipe	0	30		3 yds		0 (CIR)	0
12-1/4"	9-5/8" J-55	32#	16	1,800		CI H 1,050	215	0 (CIR)	0
7-7/8"	4-1/2" M-80	11.60#	16	8,135		CI G 1,455	424	1472 (DBL)	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5,302	3,464						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	4,566	5,348			4,566 5,348	.38"	48	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Mesaverde	6,520	7,889			6,520 7,889	.38"	216	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Green River	<i>see 35</i>				2,263 3,347	.38"	15	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4566'-5348'	Placed 32,574 lbs Ottawa 30/50 proppant in Wasatch formation (Producing)
6520'-7889'	Placed 409,500 lbs Ottawa 30/50 proppant in Mesaverde formation (Producing)
2263'-3347'	Perf'd & flowed water in Green River. Currently perms open behind tubing & packer (Not Producing)

29. ENCLOSED ATTACHMENTS:

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: 8/27/2008		TEST DATE: 9/15/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,691	WATER - BBL: 0	PROD. METHOD: Flowing
CHOKE SIZE: 30/64	TBG. PRESS.	CSG. PRESS. 1,350	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,691	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.)

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	1,157
				Wasatch	3,889
				Mesaverde	5,943

35. ADDITIONAL REMARKS (Include plugging procedure)

The Green River was perf'd and tested water. Tubing run and a packer set at 3464' isolating the Green River.

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

NAME (PLEASE PRINT) Alvin R. (AI) Arlian TITLE Landman, CPL - Regulatory Specialist
 SIGNATURE  DATE 11/30/2011

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

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

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: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: ROCK HOUSE 10-23-21-30
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202		9. API NUMBER: 43047378320000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0845 FNL 1864 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 30 Township: 10.0S Range: 23.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/10/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Additional Perforations"/>

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

See Proposed Green River Test Procedure Attached.

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

Date: October 31, 2012By: 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 10/29/2012	

Rock House 10-23-21-30

Green River Test Procedure:

1. MIRU. Rel packer & circ oil from backside, catch samples if possible. POOH w/ tubing. Standback $\pm 3500'$ tubing.
2. Perf the following intervals 3 spf, 120° phasing and correlate to the Halliburton TCOM log dated 03/30/2008: Perfs

2634' - 2638' NEW PERFS

2936' - 2940' NEW PERFS

3029' - 3033' NEW PERFS

3. PU a RBP and packer on tubing, RIH and straddle perfs. BD w/ 10 bbls 2% KCl Swab back load and test for FER and cuts. Catch samples after +10 BOL, +20 BOL and +30 BOL Swab these zones as above:

3344' - 3347' EXISTING PERFS

3029' - 3033' NEW PERFS

2936' - 2940' NEW PERFS

2634' - 2638' NEW PERFS

2540' - 2546' EXISTING PERFS

4. POOH and LD tools. RIH w/ NC, 1jt, X-nipple and tubing. Land w/ EOT @ $\pm 3500'$. RDMO.



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1610

43 047 37832
Rock House 10-23-21-20
30 105 23E

Mr. John Conley
Enduring Resources, LLC
511 16TH Street STE 700
Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Conley:

As of April 2014, Enduring Resources, LLC (Enduring) has twenty (20) State Lease Wells and six (6) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Four (4) wells in 2013 and seven (7) wells in 2014 were added to Enduring's SI/TA list.

Several of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. The Division has worked with Enduring to reduce the immense amount of wells that were in non-compliance. In 2010 Enduring provided the Division with a list of wells to be plugged (attachment A), and the Division recognizes that Enduring most recently plugged a number of wells in 2012. However in 2013 only two wells were plugged while four (4) additional wells were added, while nothing has been done in 2014 on any of the wells. Enduring never submitted plugging procedures for the remaining wells listed to be plugged and therefore has not followed through with these plans to bring these wells or any other wells into compliance.

Enduring shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

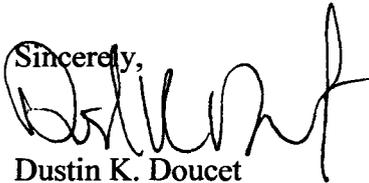
1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA
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ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice	Proposed PA
1	AGENCY DRAW 12-21-31-36	43-047-36424	ML 47086	7 years 10 months	1 ST NOTICE	12/31/2014
2	ASPHALT WASH 11-24-42-16	43-047-36875	ML 47080	7 years 11 months	1 ST NOTICE	12/31/2014
3	ARCHY BENCH 11-24-24-32	43-047-36819	ML 49762	7 years 1 month	1 ST NOTICE	12/31/2012
4	SOUTHAM CYN 10-25-11-6	43-047-36933	FEE	7 years	1 ST NOTICE	12/31/2012
5	N HORSESHOE 3-13-6-21	43-047-37391	ML 49317	5 years 6 months	2 ND NOTICE	Extension valid to 9/1/2014
6	BUCK CAMP 12-22-21-2	43-047-37656	ML 47087	6 years 8 months	1 ST NOTICE	12/31/2014
7	DWR 12-23-13-21	43-047-33344	FEE	6 years		12/31/2014
8	DWR 12-23-31-21	43-047-33484	FEE	5 years 4 months	1 ST NOTICE	12/31/2013
9	ARCHY BENCH 12-23-42-16	43-047-36802	ML 48957	6 years 1 month		12/31/2014
10	ARCHY BENCH 11-24-12-32	43-047-36822	ML 49762	5 years 5 months		12/31/2013
11	ROCK HOUSE 10-22-33-36	43-047-37789	ML 49959	5 years 5 months		12/31/2014
12	HANGING ROCK 11-23-24-36	43-047-38278	ML 50085	5 years 3 months		5/18/2012
13	N WALKER HOLLOW 2-32-6-23	43-047-37399	ML 47777	4 years 7 months	1 ST NOTICE	
14	BUCK CAMP 12-22-31-2	43-047-36273	ML-47087	3 years 6 months		
15	SOUTHAM CYN 9-24-13-36	43-047-38910	FEE	3 years 9 months		
16	DWR 12-23-12-28	43-047-33343	FEE	2 years 6 months		
17	BONANZA 9-24-11-16	43-047-35622	ML-46526	2 years 6 months		
18	ROCK HOUSE 10-22-32-36	43-047-36409	ML-47061	2 years 5 months		
19	BUCK CYN 12-21-43-16	43-047-37091	ML-47085	2 years 6 months		
20	BUCK CAMP 11-22-11-36	43-047-36277	ML-47077	2 years 1 month		
21	HANGING ROCK 11-23-42-36	43-047-38280	ML-50085	2 years 2 months		
22	HANGING ROCK 11-23-43-36	43-047-38282	ML-50085	1 years 5 months		
23	ROCK HOUSE 10-22-21-36	43-047-36407	ML-47061	2 years 2 months		
→ 24	ROCK HOUSE 10-23-21-30	43-047-37832	FEE	2 years 3 months		
25	SOUTHMAN CYN 9-23-21-36	43-047-36530	ML-47782	2 years		
26	SOUTHMAN CYN 9-23-33-36	43-047-35363	ML-47782	1 year 9 months		

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: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-21-30
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047378320000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0845 FNL 1864 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 30 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	STATE: UTAH

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

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

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

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 December 18, 2014**

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 12/9/2014	

ROCK HOUSE #10-23-21-30
NENW S30 – T10S – R23E, UINTAH COUNTY, UTAH
CONVERT EXISTING WELL TO DISPOSAL

WELL CONSTRUCTION REQUIREMENTS

1. Blow any well pressure down prior to MIRU.
2. MIRU. Kill well if necessary. ND wellhead, NU BOPE.
3. Release the packer flush backside with hot water to remove oil accumulation from the Green River perms. TOOH and lay down production tubing string. Catch any oil samples circulated and send to the lab for analysis.
4. Set a solid CBP @ 2500'. Establish circ and injection rate into squeeze perms
5. RU cementers and squeeze perf intervals 2257' to 2485'. Leave \pm 8 bbls cement in casing above perms and hesitate squeeze walking pressure up.
6. Allow cement to set. Drillout cement thru perms and test to 500 psig as additional perf intervals are exposed.
7. Allow for remedial or additional cement work if no pressure test is obtained.
8. After all squeeze perms pressure test, drillout the CBP and cleanout hole to \pm 4700'.
9. RU eline and make a gauge ring run to 4500'. Set a CIBP @ 4500' and cap with 25' of cement to abandon the lower perms.
10. RIH w/ IC plastic lined 2-3/8" tubing, packer, IC plastic lined tubing and the assembly as detailed.
11. Set a plug in the X-nipple and test the tubing to 1000 psig for 15 mins. Test the casing to 500 psig for 30 mins and record on a chart, and the EPA MIT test form. Contact the EPA representative prior to the MIT to witness the test per the permit stips.
12. RU pressure surface recording device (digital) and pumping equipment. Pump and perform a step-rate test per the design and send the data to Denver for EPA submittal.
13. Install sample fittings and wellhead pressure gauges as required by the EPA permit.
14. Install a VFD pump, shut-downs, telemetry, filter system and piping for the WDW facility.
15. Place the well on disposal after receiving the approval to inject from the EPA.
16. Run a temperature and/or tracer survey after the injection rate stabilizes to insure zonal isolation.
17. Submit the temperature log and/or tracer log data to the EPA.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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:
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-21-30	
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047378320000	
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0845 FNL 1864 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 30 Township: 10.0S Range: 23.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/1/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Proposing to convert existing well to water disposal well. Conversion requirements and procedure attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 18, 2014		
NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 12/9/2014	

ROCK HOUSE #10-23-21-30
NENW S30 – T10S – R23E, UINTAH COUNTY, UTAH
CONVERT EXISTING WELL TO DISPOSAL

WELL CONSTRUCTION REQUIREMENTS

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11. Set a plug in the X-nipple and test the tubing to 1000 psig for 15 mins. Test the casing to 500 psig for 30 mins and record on a chart, and the EPA MIT test form. Contact the EPA representative prior to the MIT to witness the test per the permit slips.
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		STATE: UTAH

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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/5/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please find well conversion report attached.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 28, 2015**

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 4/23/2015	

ROCK HOUSE 10-23-21-30

INJECTION WELL CONVERSION

- DAY #1 (3-20/15) = ROAD RIG TO LOCATION. MIRU. SPOT IN ALL EQUIP. PREP FOR NEXT DAY.
- DAY #2 (3/21/15)= SICP= 0# SITP= 0#. NDWH. UN-LAND TBG. REMOVE HANGER. STRIP IN 2-3/8"X4' TBG PUP JT. LAND TBG BACK ON HANGER. FUNCTION TEST BOP. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBG. REMOVE HANGER. RELEASE PACKER. MIRU HOT OILER. FLUSH CSG W/ 30 BBLS HOT FRESH WATER. GATHER OIL SAMPLE. WELL CIRCULATED AFTER PUMPING 5BBLS. POOH W/ 79JTS 2-3/8" J-55 TBNG, ARROW SET PACKER + 1JT 2-3/8" J-55 TBG TAIL PIPE. L/D PACKER.

P/U & RIH W/ 81JTS 2-3/8" J-55 TBNG + 4-1/2" X 10K CIBP (ALPHA PLUG). SET CIBP @ 2600'. PUH TBG 12'. L/D 1JT TBG. BREAK CONV CIRC W/ 5BBLS FRESH H2O @ 2BPM (GOOD RETURNS). ESTABLISH INJECTION RATE: 2.5BPM @450#. SWIFN. WINTERIZE EQUIP. PREP TO PUMP CMT PLUG IN AM. SDFN.
NOTE: ARROW SET PACKER SENT TO WEATHERFORD TO BE RE-DRESSED AND STORED ON SHELF.

- DAY #3 (3-22/15) = SICP= 0#. SITP= SLIGHT VAC.

07:00 TO 09:30 MIRU CMT CREW. BREAK CONV CIRC W/ 6BBLS FRESH H2O 2.3BPM @ 250PSI. SHUT CSNG & OBTAIN INJECTION RATE. 2BPM @360 PSI. W/ TOTAL OF 5BBLS H2O. SHUT DOWN & DISCUSS JOB. BREAK CONV CIRC W/ 2BBLS FRESH H2O. PUMP 64 SX 15.8# NEAT "G" CMT (13.1BBLS) 1% CALCIUM CHLORIDE ADDED. DISPLACE CMT W/ 6.4BBLS FRESH H2O. SHUT DOWN. POOH WHILE L/D 30JTS 2-3/8" J-55 TBNG, LEAVE EOT @ 1627'. R/U PUMP LINES & REV CIRC CLEAN W/ 3.5BBLS H2O UNTIL RETURNS CLEAN. SHUT IN TBG & BEGIN SQUEEZE DOWN CSNG. STAGE SQUEEZE MULTIPLE TIMES W/ +/- 1.5 BBLs UNTIL CMT LOCKED UP. MAX SQZ PRESSURE 650#. LAST SQZ @ 500# LOST >5# IN 15MIN. RDMO CMT CREW.

09:30 TO 11:20 POOH WHILE STANDING BACK REMAINING 50JTS 2-3/8" J-55 TBNG. PREP & TALLY DRILL COLLARS + X/O SUBS. P/U & RIH W/ 3-7/8" SANDVIK ROCK BIT, X/O, 4) 3-1/8" DRILL COLLARS + 46JTS 2-3/8" J-55 TBNG, LEAVE EOT @ 1570'. SDFL. WAIT FOR CMT TO HARDEN BEFORE WE T/U.

11:20 TO 13:00 WAIT FOR CMT TO CURE. SPOT IN POWER SWIVEL. CLEAN LOCATION.

13:00 TO 14:00 CMT SAMPLES TAKEN DURING JOB ADEQUATELY HARDENED TO RIH & T/U ON CMT TOP. CONT RIH W/ 2-3/8" J-55 TBNG + D/O BHA. T/U ON CMT TOP W/ 59JTS TBNG + BHA @ 2021'. L/D 1JT TBNG. R/U POWER SWIVEL. P/U 1JT TBG. PUH 15'. SWIFN. WINTERIZE EQUIP. SDFN. LET CMT CURE OVERNIGHT.

NEXT 24HRS. D/O CMT. PRESSURE TEST SQUEEZE JOB. IF GOOD CONT RIH W/ TBG & D/O CIBP. CONT RIH TBG & D/O NEXT CIBP + C/O TO ADEQUATE DEPTH FOR NEXT PHASE OF PROJECT.

- DAY #4 (3/23/15) = SICP= 0#. SITP= 0#.

07:00 TO 10:45 BREAK REV CIRC. T/U ON CMT @ 2021' W/ TOTAL OF 59JTS 2-3/8" J-55 TBG, 4) DRILL COLLARS, X/O's AND 3-7/8" ROCK BIT. D/O CMT FROM 2021' TO 2289' W/ TOTAL OF 67 JTS 2-3/8" TBNG + BHA. CIRC WELLBORE CLEAN. PERFORATIONS F- 2257' T- 2267' EXPOSED. SHUT IN TBNG. PRESSURE TEST

CSNG BAD @ 500 PSI. LOST 200# IN 1MINUTE. RE-TEST MULTIPLE TIMES, (ISOLATE RIG PUMP). STILL NO PRESSURE TEST. SPEAK W/ ENGINEERING & DECIDE TO SQUEEZE PERF INTERVAL AGAIN. CALL FOR CMT SERVICE.

10:45 TO 12:30 L/D 1JT 2-3/8" TBNG. POOH WHILE STANDING BACK 66JTS 2-3/8" TBG. STAND BACK DRILL COLLARS. P/U & RIH W/ 2-3/8" NOTCHED COLLAR + 71JTS 2-3/8" J-55 TBG. T/U ON CMT @ 2289'. PUH 5'. SWI. WAIT ON CMT CREW. SDFL.

12:30 TO 14:00 WAIT ON CMT CREW.

14:00 TO 16:00 CMT CREW ARRIVED. MIRU CMT. DISCUSS CMT JOB. BREAK CONV CIRC W/ .5BBLS FRESH WATER. SHUT CSNG VALVE. GET INJECTION RATE OF 1BPM @ 1000# W/ TOTAL OF 2BBLS FRESH WATER. BLEED OFF PRESSURE. BREAK CONV CIRC W/ 10BBLS FRESH WATER. PUMP 30SX 15.8# NEAT "G" CMT (6BBLS) W/ FLUID LOSS ADDITIVE. DISPLACE W/ 6.1BBLS FRESH WATER. SHUT DOWN. FULL RETURNS THRU JOB. POOH WHILE STANDING BACK 20JTS TBNG. REVERSE CIRC TBNG W/ 5BBLS FRESH WATER UNTIL CLEAN. SHUT IN TBNG. START SQUEEZE JOB INTO PERFS. PUMP 1BBL FLUID INTO PERFS @ 1000#. PRESSURE NOT BLEEDING OFF. WALK UP PRESSURE TO 1400# TWICE. PRESSURE BLEEDING OFF 10PSI PER MINUTE. SWIFN W/ 1500# SICP & SITP. LOCK PIPE RAMS. SDFN.

NEXT 24HRS. FINISH POOH W/ TBG. RIH W/ DRILL COLLARS + TBG. T/U ON CMT. D/O CMT. PRESSURE TEST SQUEEZE JOB 1 SET OF PERFS @ A TIME. IF GOOD CONT RIH W/ TBG & D/O CIBP. CONT RIH TBG & D/O NEXT CIBP + C/O TO ADEQUATE DEPTH FOR NEXT PHASE OF PROJECT.

➤ DAY #5 (3/24/15) = SICP= 150#. SITP= 150#.

07:00 TO 12:00 BLOW DOWN WELL TO FLAT TANK. L/D 15JTS 2-3/8" J-55 TBNG TO ALLOW FOR BHA & CMT. CONT POOH WHILE STANDING BACK REMAINING 36JTS. P/U & RIH W/ 3-7/8" ROCK BIT, 4) 3-1/8" DRILL COLLARS, X/O'S & 57JTS 2-3/8" TBNG. T/U ON CMT TOP @ 1920'. R/U POWER SWIVEL. BREAK REV CIRC. D/O CMT TO 2289' W/ 67JTS 2-3/8" TBNG + BHA. CIRC CLEAN. PERFS F- 2257' T- 2267' EXPOSED. PRESSURE TEST CSNG GOOD @ 550# FOR 15MIN. NO VISIBLE PRESSURE LOSS.

12:00 TO 14:05 CONT DRILLING OUT CMT. D/O TO 2387' W/ 70JTS 2-3/8" TBNG + BHA. CIRC CLEAN. PERFS F- 2358' T- 2361' EXPOSED. PERFS F- 2257' T- 2267' ALSO EXPOSED. PRESSURE TEST CSNG BAD MULTIPLE TIMES. PRESSURE TEST @550#. LOST 150# IN 10MIN. REPEAT BAD TEST 4 DIFFERENT TIMES (LEAK OFF CONSISTENT EACH TEST). SPEAK WITH SUPERVISION AND DECIDE TO DRILL AHEAD, THEN FIND THE LEAKING ZONE W/ A PLUG & PACKER AFTER.

14:05 TO 17:00 BREAK REV CIRC & CONT DRILLING CMT TO 2512' W/ 74JTS 2-3/8" TBNG + BHA. CIRC CLEAN. PERFS F- 2482' T- 2485' NOW EXPOSED. PREVIOUS PERFS ALSO EXPOSED. PRESSURE TEST CSNG BAD @ 550#. LOST 500# IN 30 SEC. REPEAT TEST TWICE MORE WITH THE SAME AMOUNT OF LEAK OFF. LEAK OFF IS BAD. OBTAIN INJECTION RATE W/ .75BPM @ 950#. HANG BACK POWER SWIVEL. L/D 2JTS TBNG. SWIFN. SDFN. WINTERIZE EQUIP. NEXT 24HRS. W/O ORDERS.

➤ DAY #6 (3/25/15) = SICP= 0#. SITP= 0#.

07:00 TO 12:00 OPEN WELL. POOH WHILE STND BACK 72JTS 2-3/8" J-55 TBNG + DRILL COLLARS. P/U & RIH W/ 78JTS 2-3/8" J-55 TBNG W/ N.C. T/U ON CMT TOP @ 2512'. PUH TO 2505'. MIRU CMT SERVICES. BREAK CIRC W/ 1BBL FRESH WATER. SHUT IN CSNG. GET INJECTION RATE .5BPM @ 1000#. WALK UP PRESSURE & END INJECTION TEST 2BPM @1470# W/ A TOTAL OF 8BBL FRESH WATER. MIX & PUMP 40SX 15.8# NEAT "G" CMT (8BBL) W/ .3% FLUID LOSS ADDITIVE. DISPLACE W/ 7.4BBL FRESH WATER. POOH WHILE STND BACK 22JTS TBNG. START TO SQZ CMT. SLOWLY WALK IN CMT, .25 BPM @ 1500# (STAGE IN 2BBL CMT). WAIT 15 MIN & STG IN .5BBL @ 1400# (ISIP 850#). WAIT 15MIN & STG IN .5BBL @ 1400# (ISIP 800#). REV CIRC TBG W/ 11BBL FRESH WATER UNTIL CLEAN. SHUT IN CSG. WAIT 45MIN & BEGIN STG CMT AGAIN. PUMP .2BBL @ 1000# (ISIP 800#) BLEED OFF TO 500# & HOLD SOLID. WAIT 30MIN & BEGIN STG CMT AGAIN. PUMP .3BBL @ 1100# (ISIP 900#) BLEED OFF TO 600# & HOLD SOLID. SWIFN. LEAVE PRESSURE ON WELL. DRAIN EQUIP. SDFN. W/O CMT TO CURE.

NEXT 24HRS. POOH W/ TBNG. P/U & RIH W/ BIT, COLLARS & TBNG. START TO D/O CMT. PREUUSRE TEST INDIVIDUAL ZONES WHILE D/O.

➤ DAY #7 (3/26/15) = SICP= 400#. SITP= 400#.

07:00 TO 09:30 BLEED OFF PRESSURE TO FLAT TANK. L/D 18JTS 2-3/8" J-55 TBNG TO ALLOW ROOM FOR CMT & DRILL COLLARS. POOH WHILE STND BACK REMAINING 38JTS TBG. L/D NOTCHED COLLAR. P/U & RIH W/ NEW 3-7/8" ROCK BIT, X/O'S + 61JTS TBNG. T/U ON CMT @ 2068'. R/U POWER SWIVEL. BREAK REV CIRC. D/O TO 2163'. CMT VERY GREEN IN RETURNS. PLAYDOUGH LIKE. BALLING UP WHILE DRILLING OUT. SPEAK W/ CMT COMPANY AND ADDITIVES WOULD ACT LIKE MILD RETARDANT. SPEAK W/ SUPERVISION & DECIDE TO LET CMT CURE FOR ANOTHER 24 HRS. CIRC WELL CLEAN. PUH 1JT. SWIFN. SDFN. WINTERIZE EQUIP.

NEXT 24HRS. D/O CMT IF CURED. PRESSURE TEST ZONES WHILE EXPOSING DURING D/O.

➤ DAY #8 (3/27/15) = SICP= 0#. SITP= 0#.

07:00 TO 13:30 BREAK REV CIRC. T/U ON CMT TOP @ 2163'. D/O SOFT CMT TO 2289' W/ TOTAL OF 67JTS 2-3/8" J-55 TBNG + D/O BHA + 3-7/8" ROCK BIT. CIRC WELL CLEAN. PERFS EXPOSED F- 2257' T- 2267'. PRESSURE TEST CSNG GOOD @ 550#, LOST 0# IN 15MIN. CONT D/O CMT TO 2387' W/ 70JTS 2-3/8" J-55 TBNG + D/O BHA. PERFS F- 2358' T- 2361' NOW EXPOSED. CIRC WELL CLEAN (CMT GETTING HARDER). PRESSURE TEST CSNG BAD MULTIPLE TIMES @ 550#. LOSING 450# IN 3MIN. SPEAK W/ SUPERVISION & DECIDE TO EXPOSE NEXT SET OF PERFS TO SEE IF LEAK GETS ANY WORSE. BREAK REV CIRC AGAIN. CONT D/O CMT TO 2512' W/ 74JTS 2-3/8" J-55 TBNG + D/O BHA. PERFS F- 2482' T- 2485 NOW EXPOSED. CIRC WELL CLEAN (CMT NOW VERY HARD). PRESSURE TEST CSNG BAD MULTIPLE TIMES @ 550#. LOSING 450# IN 3MIN. LEAK OFF IS THE SAME AS THE PREVIOUS SET OF PERFS. ESTABLISH INJECTION RATE OF .25BPM TO .5BPM @ 1300#. CALL FOR CMT SERVICES.

13:30 TO 15:00 POOH WHILE STANDING BACK 74JTS 2-3/8" J-55 TBNG. STAND BACK 4) 3-1/8" DRILL COLLARS. P/U & RIH W/ 78JTS 2-3/8" TBNG + N.C. T/U ON CMT TOP @2512'. SWI. WAIT ON CMT SERVICES.

15:00 TO 16:30 WAIT ON CMT SERVICES.

16:30 TO 18:00 MIRU CMT CREW. BREAK CONV CIRC W/ 1BBL FRESH WATER + 3 MORE BBL AS A FRESH WATER SPACER. SHUT IN CSNG. GET INJECTION RATE OF .6BPM @ 1400# W/ 5BBL FRESH WATER. OPEN CSG. PUH TBG TO 2505'. PUMP 40 SX 15.8# NEAT G CMT 2% CALCIUM CHLORIDE ADDED. DISPLACE W/ 7.1BBL FRESH WATER. POOH W/ 11 STDS TBNG. BEGIN SQUEEZEING CMT. SQZ .75 BBL INTO PERFS @ 1850#. CMT LOCKED UP. PRESSURE NOT BLEEDING OFF. SWI W/ 1850# SICP & SITP. SDFN. DRAIN EQUIP.

NEXT 24HRS. POOH W/ 2-3/8" TBNG. RIH W/ BIT, COLLARS & TBNG. D/O CMT IF CURED. PRESSURE TEST ZONES WHILE EXPOSING DURING D/O.

➤ DAY #9 (3/28/15) = SICP= 500#. SITP=500#.

07:00 TO 17:30 BLEED OFF PRESSURE. L/D 20JTS 2-3/8" J-55 TBNG TO ALLOW FOR CMT & DRILL COLLARS. POOH WHILE STND BACK REMAINDER OF TBNG. P/U & RIH W/ NEW 3-7/8" ROCK BIT, 4) 3-1/8" DRILL COLLARS + TBG. T/U ON CMT TOP @ 1975'. R/U POWER SWIVEL. BREAK REVERSE CIRC. D/O HARD CMT TO 2289' W/ TOTAL OF 67JTS 2-3/8" TBNG +BHA. CIRC WELL CLEAN. PERFS EXPOSED F-2257' T- 2267'. PRESSURE TEST CSG GOOD @ 550#. LOST 0# IN 15MIN. BREAK REV CIRC AGAIN. D/O HARD CMT TO 2387' W/ 70JTS 2-3/8" TBNG + BHA. CIRC WELL CLEAN. PERFS F-2358' T-2267' EXPOSED ALONG W/ PREVIOUS PERFS. PRESSURE TEST CSG @ 500#. LOST 15# IN 15MIN. REPEAT TEST 2 MORE TIME (SAME RESULT). BREAK REV CIRC. D/O GOOD HARD CMT TO 2512' W/ 74JTS 2-3/8" TBNG + BHA. CIRC WELL CLEAN. PERFS EXPOSED F- 2482' T- 2485' ALONG W/ PREVIOUS PERFS. PRESSURE TEST CSG @ 550#. LOST 15# IN 15MIN. REPEAT TEST 2 MORE TIMES (SAME RESULTS). SPEAK W/ SUPERVISION & DECIDE TO D/O LAST SET OF PERFS. BREAK REV CIRC & D/O TO 2532'. RECEIVE CALL FROM SUPERVISION & THEY DECIDED TO SHUT DOWN UNTIL MONDAY A.M. CIRC WELL CLEAN. PUH 1JT TBNG. SWIFN. SDFN. LOCK PIPE RAMS. DRAIN EQUIP. NEXT 48HRS. W/O ORDERS.

➤ DAY #10 (3/30/15) = SICP= 0#. SITP=0#.

07:00 TO 11:15 PRESSURE TEST CSNG GOOD @ 500#. LOST 4# IN 15 MIN. BLEED OFF & REPEAT TEST WITH SAME RESULT. REPORT FINDINGS TO SUPERVISION & WAS GIVEN ORDERS TO PROCEED W/ PROJECT. BREAK REV CIRC. D/O HARD CMT TO 2588' AND FALL THRU TO CIBP @ 2600'. CIRC WELL CLEAN. PERFS NOW EXPOSED F- 2540' T- 2546' ALONG W/ ALL PRIOR PERFS. PRESSURE TEST CSNG @ 500#. LOST 4# IN 15MIN. REPEAT TEST WITH SAME RESULT. BLEED OFF PRESSURE. BREAK REV CIRC & D/O 4-1/2" CIBP @ 2600' W/ 77JTS 2-3/8" TBNG + BHA. CIBP D/O IN 1HR 45MIN. CIRC WELL CLEAN. RIH W/ 1MORE JT TBNG TO MAKE SURE CIBP FELL DOWN HOLE (GOOD).

11:15 TO 17:00 HANG BACK POWER SWIVEL. POOH WHILE STND BACK 78JTS 2-3/8" J-55 TBNG + 4) 3-1/8" DRILL COLLARS. X/O 3-7/8" ROCK BIT FOR NEW 3-7/8" BIT. RIH W/ 3-7/8" BIT, 4 DRILL COLLARS + 93JTS 2-3/8" J-55 TBNG. T/U ON PLUG PARTS @ 3110'. R/U SWIVEL. BREAK REV CIRC. D/O TRASH & CIBP @3119'. CIRC WELL CLEAN. HANG BACK POWER SWIVEL. CONT RIH W/ 144JT TOTAL TBG + BHA TO 4700' (DEEP ENOUGH TO SET CIBP @4500'). POOH WHILE L/D 30JTS 2-3/8" J-55 TBNG. SWIFN. SDFN.

NEXT 48HRS. CONT POOH WHILE L/D REMAINDER OF TBNG & DRILL COLLARS. MIRU WIRELINE. SET CIBP, PERFORATE ZONES, DUMP BAIL CMT. RIH W/ PLASTIC LINED TBNG & PACKER.

➤ DAY #11 (3/31/15) = SICP= 30#. SITP=150#.

07:00 TO 11:00 BLOW DOWN WELL TO FLAT TANK. CONT POOH WHILE L/D REMAINDER OF TBNG & DRILL COLLARS. WELL STARTED TO SWAB BACK OIL. MIRU HOT OILER AND CIRC TBNG & CSNG CLEAN W/ 40BBLs FRESH WATER. R/D POWER SWIVEL.

11:00 TO 13:20 HOT OILER FLUSH CSG W/ 25BBLs HOT FRESH WATER. MIRU WIRELINE. P/U & RIH W/ 4-1/2" GR-JB @ 4550'. POOH & L/D GR-JB. P/U & RIH W/ 4-1/2" HAL CIBP + GUN RUN. SET CIBP @ 4500'. CORELATE LOGS. P/U & PERF THE FOLLOWING INTERVALS 2655'-2660', 2603'-2610', 2593'-2598', 2540'-2546'. ALL 3-1/8" GUNS: .40" HOLES, 120 DEG PHASING. POOH & L/D SPENT GUNS. P/U & RIH W/ DUMP BAILER. SPOT 2SX 15.8# NEAT "G" CMT ON TOP OF CIBP @ 4500' (26' OF CMT). POOH W/ TOOLS. RDMO WIRELINE.

13:20 TO 18:30 P/U & RIH W/ 4-1/2" PACKER, PROFILE NIPPLES & 79JTS 2-3/8" J-55 PLASTIC LINED TBNG. LAND TBG ON HANGER. R/D FLOOR & TBG EQUIP. NDBOP. MIRU HOT OILER. CIRC WELLBORE CLEAN W/ 45BBLs FRESH WATER @ 200°F UNTIL RETURNS CLEAN. MIX PACKER FLUID (10 GAL IN 30BBLs) PUMP 30BBLs PACKER FLUID DOWN BACK SIDE WHILE CIRC TO FLAT TANK. RDMO HOT OILER. UN-LAND TBNG. SET PACKER W/ 10,000# COMPRESSION. LAND TBG BACK ON HANGER. NUWH. PRESSURE TEST CSG BAD MULTIPLE TIMES @ 500#. LOSING 100# IN 1MIN AND THEN LEAK SLOWS DOWN. BLEEDS OFF TO 200# IN 15MIN. ISOLATE HOT OILER & WELL HEAD TO MAKE SURE LEAK WAS NOT @ SURFACE (GOOD). SWIFN. SDFN.

PLASTIC LINED INJECTION STRING LANDED AS FOLLOWS:

K.B. = 26.00'

7-1/16" X 2-3/8" TBG HANGER = .83'

79JTS 2-3/8" J-55 TBG = 2484.49' (PLASTIC LINED W/ SLIMHOLE COLLARS)

2-3/8" X 1.875" X-NIPPLE = 1.12'

2-3/8" ON-OFF SKIRT = 1.71' (W/ 1.875" SEAL NIPPLE PROFILE)

2-3/8" X 4-1/2" NICKEL COATED 10K ARROW SET PACKER = 6.18' (C.E. = 3.00')

2-3/8" J-55 NICKEL COATED PUP JT = 4.11'

2-3/8" X 1.875" XN-NIPPLE = 1.21' (NO GO = 1.81" I.D.)

2-3/8" J-55 RE-ENTRY GUIDE = .40'

CENTER ELEMENTS SET @ 2517.15' XN-NIPPLE SET @ 2525.65'. X-NIPPLE SET @ 2512.44'

EOT OR END OF ASSEMBLY @ 2526.05'

NEXT 48HRS. SET TBG PLUG BELOW PACKER IN XN NIPPLE & TEST TBG STRING + SKIRT. CONT LOOKING FOR SOURCE OF LEAK.

➤ DAY #12 (4/1/15) = SICP = 0#. SITP = SLIGHT VAC.

07:00 TO 11:00 OPEN WELL. R/U HOT OILER. PUMP .5BBLs PACKER FLUID & RE-PRESSURE TEST CSG @ 500#. LOST 300# IN 4MIN. BLEED OFF PRESSURE. MIRU SLK LINE. P/U & RIH W/ TBNG PLUG. SET TBNG PLUG IN 1.875" XN-NIPPLE @ 2525' (BELOW PACKER). DOWN SHEAR OFF OF TBNG PLUG. POOH W/ SLK LINE. R/U HOT OILER. PRESSURE TEST TBNG GOOD @ 1000#. LOST 4# IN 15MIN. NO COMMUNICATION W/ ANNULUS. BLEED OFF PRESSURE. R/U SLK LINE. RIH W/ RTRV HEAD & PLUCK TBNG PLUG. POOH W/ TOOLS. RDMO SLK LINE.

11:00 TO 16:00 UN-LAND TBNG HANGER. RELEASE PACKER. LAND TBNG BACK ON HANGER. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBNG, REMOVE HANGER. PUH TBG & SET @ 2500'. R/U HOT OILER & P/T CSG BAD @ 500#. LOST 300# IN 2MIN. BLEED OFF PRESSURE. PUH TO 2382' (PERFS FROM 2482'-2485' EXPOSED). SET PACKER. PRESSURE TEST CSG GOOD @ 500#. LOST 4 # IN 15MIN W/ AIR IN LINES & CSG. LEAK NOW ISOLATED. POOH W/ REMAINDER OF TBNG + PACKER & BHA, SEND PACKER IN TO REPLACE ALL SEAL ELEMENTS. P/U & RIH W/ WEATHERFORD 4-1/2" RBP + 79 JTS 2-3/8" J-55 TBNG. SET RBP @ 2505'. RELEASE OFF OF RBP. POOH WHILE S/B ALL TBNG. ESTABLISH INJECTION RATE DOWN CSG, .5BPM @ 1350#. BLEED OFF PRESSURE. SWIFN. SDFN. LOCK RAMS. DRAIN EQUIP.

NEXT 24HRS. P/U & RIH W/ PACKER & TBNG. ISOLATE LEAKING ZONE. MIRU CMT SERVICES. SQUEEZE ZONES.

➤ DAY #13 (4/2/15) = SICP = 0#

07:00 TO 15:30 SPOT IN PIPE TRAILER W/ 2-3/8" J-55 WORK STRING. P/U & RIH W/ WEATHERFORD MODEL 32A TCN PACKER. SPOT 1SX SAND ON RBP @ 2505'. SET PACKER @ 2382' W/ 74JTS 2-3/8" J-55 TBNG. MIRU CMT SERVICES. TRY TO ESTABLISH INJECTION RATE DOWN TBNG (PERFS @ 2482'-2485'). INJECTION RATE IS LESS THAN ¼ BPM @ 3000#. LEAK IS VERY MINOR BUT ENOUGH TO FAIL PRESSURE TEST. SPEAK W/ SUPERVISION. DECIDE TO SPOT BALANCED PLUG W/ TBNG OPEN ENDED THEN RIH W/ PACKER & SQZ CMT THRU PERFS. R/D CMT CREW. RELEASE PCKR. POOH W/ 74JTS TBNG & L/D PACKER.

P/U & RIH W/ N.C. + 80 JTS TBNG. T/U ON SAND @ 2498'. L/D 1JT TBNG & P/U PUP JTS, LEAVE EOT @2495'. PUMP 8BBL FRESH WATER SPACER. PUMP 3BBL 15.8# NEAT "G" CMT W/ .10 % FLUID LOSS ADDITIVE. DISPLACE W/ 8.8BBL FRESH WATER & LET CMT BALANCE OUT. L/D PUP JTS & 5 JTS 2-3/8" J-55 TBNG. POOH W/ REMAINING 74JTS TBG. P/U & RIH W/ 4.5" WEATHERFORD MODEL 32A TCN PACKER + 74JTS TBNG. REVERSE CIRC TBNG UNTIL ALL CMT OUT OF STRING W/ 15BBL FRESH WATER. PUH TBNG 5' & SET PACKER @2377'. R/U CMT CREW & BEGIN SQZ JOB. SQZ CMT W/ +/- 1/2BBL WATER @ 3000#. WATCH LEAK OFF FOR 20MIN & ONLY LOST 50#. SWIFN. RDMO CMT CREW. WINTERIZE EQUIP. SDFN. NEXT 24HRS. RELEASE & POOH W/ PACKER. RIH W/ BIT & TBG, D/O CMT. PRESSURE TEST.

➤ DAY #14 (4/3/15) = SICP= 0# SITP= 5#.

07:00 TO 12:43 BLEED OFF PRESSURE. RELEASE PACKER. POOH WITH PACKER WHILE STD BACK 74JTS 2-3/8" J-55 TBNG. L/D PACKER. P/U & RIH W/ USED 3-7/8" ROCK BIT + 75JTS TBNG. T/U ON CMT @ 2389'. R/U POWER SWIVEL. BREAK REV CIRC. D/O CMT TO RBP @ 2505'. CMT GREEN BUT VERY HARD. CIRC WELL CLEAN. PRESSURE TEST 4-1/2" CSNG GOOD @ 500#. LOST 1# IN 15MIN. BLEED OFF PRESSURE. POOH W/ 79JTS TBNG @ BIT, L/D BIT. P/U & RIH W/ RTRV HEAD FOR RBP & 79JTS TBNG. WASH SAND OFF OF RBP. CIRC CLEAN. LATCH & RELEASE RBP. L/D 5JTS TBNG. SDFL.

13:30 TO 17:00 CONT POOH WHILE L/D REMAINING 74JTS TBNG + RBP. P/U & RIH W/ NICKEL COATED PACKER W/ JEWELRY + 79JTS 2-3/8" J-55 PLASTIC LINED TBNG. LAND TBG ON HANGER. R/D FLOOR & TBG EQUIP. NDBOP. SET PACKER IN 10,000# COMPRESSION. RELEASE ON-OFF TOOL. PUH & L/D 1JT TBNG. M/U HANGER & LAND TBNG BACK ON HANGER. R/U PUMP LINES TO CSG & CIRC ANNULUS W/ 30BBL PACKER FLUID. P/U 1JT OF TBNG RE-LATCH ON-OFF TOOL. LAND TBG ON HANGER.

PRESSURE TEST CSG GOOD @ 520#. LOST 0# IN 15MIN. BLEED OFF PRESSURE. PRESSURE TEST TBNG GOOD @ 1000#. LOST 2# IN 15 MIN. NO COMMUNICATION WITH TBG OR CSNG DURING TESTS. NUWH. SWIFN. DRAIN EQUIP. SDFN.

PLASTIC LINED INJECTION STRING LANDED AS FOLLOWS:

K.B. = 26.00'

7-1/16" X 2-3/8" TBG HANGER = .83'

79JTS 2-3/8" J-55 TBG = 2484.49' (PLASTIC LINED W/ SLIMHOLE COLLARS)

2-3/8" ON-OFF SKIRT= 1.71' (W/ 1.875" SEAL NIPPLE PROFILE)

2-3/8" X 4-1/2" NICKEL COATED 10K ARROW SET PACKER= 6.18' (C.E. = 3.00')

2-3/8" J-55 NICKEL COATED PUP JT= 4.11'

2-3/8" X 1.875" XN-NIPPLE =1.21' (NO GO=1.81" I.D.)

2-3/8" PUMP OUT PLUG = .52'

CENTER ELEMENTS SET @ 2516.00' XN-NIPPLE SET @2523.32'.

EOT OR END OF ASSEMBLY @2525.05'

NEXT 48HRS. PRESSURE TEST TBG + CSG & CHART TEST. PUMP STEP RATE TEST.

➤ DAY #15 (4/5/15) = SICP= 0# SITP= 0#.

07:00 TO 13:00 MIRU PUMP TRUCK SERVICES. PRESSURE TEST CSNG GOOD @ 500#. LOST 0# IN 30MIN. PRESSURE TEST TBNG GOOD @ 1000#. LOST 3# IN 15MIN. PUMP STEP RATE TEST AS DESIGN & PROCEDURE. SWI.
NEXT 24HRS. CONVERSION COMPLETE.