

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: UTU-73903	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: Enduring Resources, LLC		9. WELL NAME and NUMBER: Archy Bench 11-22-41-1	
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80220		PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NWNE 1149' FNL 1,960' FEL (Surface) <i>636763X 4417121Y 39.895026 -109.400326</i> AT PROPOSED PRODUCING ZONE: NENE 1,146' FNL - 659' FEL (BHL) <i>637159X 4417129Y 39.895038 -109.395675</i>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 11S 22E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 39 miles southwest of Bonanza, UT		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 659' BHL	16. NUMBER OF ACRES IN LEASE: 1341	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 20' Surface (1320' BHL)	19. PROPOSED DEPTH: 8,071	20. BOND DESCRIPTION: RLB0008031	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5776' KB-RT	22. APPROXIMATE DATE WORK WILL START: 4/1/2006	23. ESTIMATED DURATION: 20 days	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	14" line pipe	40	3 yards	Ready Mix		
11"	8-5/8" J-55 24#	2,000	Premium Lead	138 sxs	3.50	11.1
			Premium Tail	138 sxs	1.15	15.8
7-7/8"	4-1/2" N-80 11.6#	8,071	Class G	142 sxs	3.3	11.0
			50/50 Poz Class G	864 sxs	1.56	14.3

**ATTACHMENTS**

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

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- COMPLETE DRILLING PLAN
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

**CONFIDENTIAL**

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist  
SIGNATURE  DATE 12/9/2005

(This space for State use only)

API NUMBER ASSIGNED: 213-047-37425

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

Date: 02-10-06  
(See Instructions on Reverse Side)

JAN 17 2006

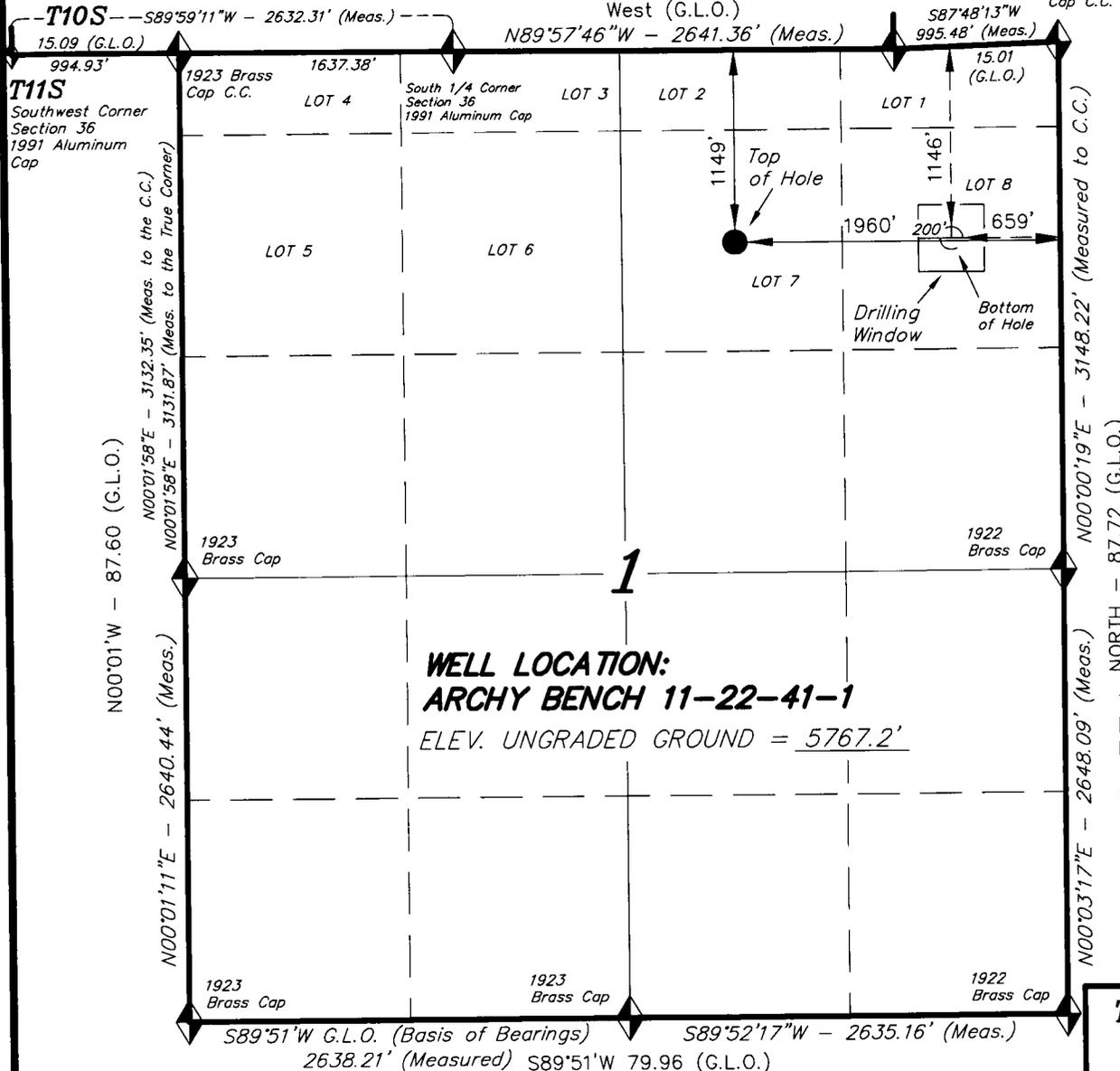
Federal Approval of this  
Application is required

*[Handwritten signatures and initials over the approval stamp]*

# T11S, R22E, S.L.B.&M.

Southeast Corner  
Section 36  
1991 Aluminum Cap  
1922 Brass  
Cap C.C.

## ENDURING RESOURCES



WELL LOCATION, ARCHY BENCH  
11-22-41-1, TOP OF HOLE LOCATED AS  
SHOWN IN LOT 7, BOTTOM OF HOLE  
LOCATED AS SHOWN IN LOT 8 OF  
SECTION 1, T11S, R22E, S.L.B.&M.  
UINTAH COUNTY, UTAH.

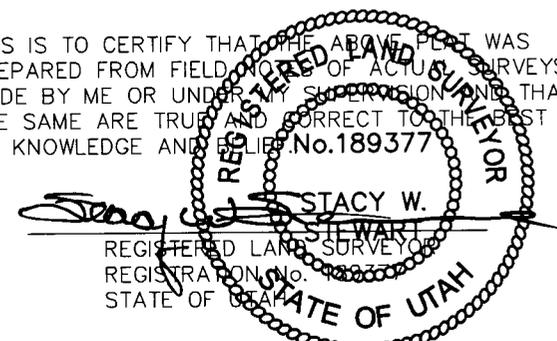


**NOTES:**

- The Bottom of hole bears N89°18'34"E  
1301.18' from the Top of Hole.

**WELL LOCATION:**  
**ARCHY BENCH 11-22-41-1**  
ELEV. UNGRADED GROUND = 5767.2'

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min  
QUAD (ARCHY BENCH)

**ARCHY BENCH 11-22-41-1**  
**(Surface Location) NAD 83**  
LATITUDE = 39° 53' 42.05"  
LONGITUDE = 109° 24' 03.96"

DATE DRAWN: 6-1-05	SURVEYED BY: J.H.	SHEET <b>2b</b> OF 10
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	



**Enduring Resources**

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

January 11, 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: Archy Bench #11-22-41-1  
NENE 1,146' FNL – 659' FEL (BHL)\*  
Section 1-T11S-R22E S.L.B.& M.  
Lease Serial No.: UTU-73903  
Uintah County, Utah**

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well. This information was also submitted to the Bureau of Land Management.

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

***\*Note, there are a row of lots across the top of this governmental section which can only be drilled as exception locations.***

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:

JAN 17 2006

## SELF-CERTIFICATION STATEMENT

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

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Archy Bench #11-22-41-1  
NENE 1,146' FNL – 659' FEL (BHL)  
Section 1 T11S-R22E S.L.B.& M.  
Lease Serial No.: UTU-73903  
Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.



Alvin R. Arlian  
Regulatory Specialist  
Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202  
(303) 350-5114

January 11, 2006

**Enduring Resources, LLC  
 Archy Bench #11-22-41-1  
 NWNE Sec. 1-T11S-R22E (Surface Location)  
 NENE Sec. 1-T11S-R22E (BHL)  
 Uintah County, Utah  
 Lease # UTU-073903**

**ONSHORE ORDER 1 - DRILLING PLAN**

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

Formation	Depth (TVD) (K.B.)	Subsea (K.B.)
Uinta	Surface	
Green River	906'	+4870'
Wasatch	3740'	+2036
Mesaverde	6018'	- 242'

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

Substance	Formation	Depth (TVD) (KB)	Subsea (K.B.)
	KB Elevation:	5776'	
	Uinta - Surface		
Oil / Gas	Green River	906'	+4870'
Oil /Gas	Wasatch	3740'	+2036'
Oil /Gas	Mesaverde	6018'	- 242'
	Estimated TD	8071'	-2295'

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

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

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

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

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

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

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

**Blow-Out Preventer**

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

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

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

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

**E. Miscellaneous Information:**

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

**4. Proposed Casing & Cementing Program:**

**A. Casing Program: All New**

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8,071' (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)
8071' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.51 (d)	7780/2.02 (e)	223/2.77 (f)

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

**PROPOSED CEMENTING PROGRAM**

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

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

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft<sup>3</sup>/sx) cement will be premium cement w/ 3% CaCl<sub>2</sub>.+ 0.25 pps celloflake. Volume as required

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

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

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

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
4-1/2"	Lead	1624	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	142	25	11.0	3.3
4-1/2"	Tail	4731	50/50 POZ Class G + 2% gel + 1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	864	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'-8071' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

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

**6. Evaluation Program:**

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

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

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

**7. Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,197 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,421 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.

The attached directional plan will be followed as closely as possible. This plan identifies the bottom hole location, target, and inclination. A measurement while drilling (MWD) system will be used to track and control the directional path of the wellbore.

**Enduring Resources, LLC  
Archy Bench #11-22-41-1  
NWNE Sec. 1 - T11S-R22E (Surface)  
Uintah County, Utah  
Lease # UTU-073903**

**Directions to the Archy Bench 11-22-41-1 Well Pad (*Archy Bench 11-22-31-1*)**

Beginning at the city of Bonanza, Utah: Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 4.9 miles and turn left on to Road 4170 (Southam Canyon Road). Continue southwest on Road 4170 approximately 8.5 miles to Road 4160 (Asphalt Wash Road) and turn left. Continue south on Road 4160 approximately 9.5 miles until it intersects with Road 4120 (Bitter Creek Road). Turn right and go 1.9 miles on Road 4120 to Road 4230 (Saddletree Draw Road) and turn right. Go 4.8 miles on Road 4230 and turn left on to Road 4150 (Archy Bench Road). Go approximately 8.1 miles on Road 4150 to the turn-off point for the new access. Go right, 235 feet to the proposed well pad.

Total distance from Bonanza, Utah to the proposed well location is approximately 39 miles in a southwesterly direction.

***The well's surface location is located on the Archy Bench 11-22-31-1 location.***

**Enduring Resources, LLC  
Archy Bench #11-22-41-1  
NWNE Sec. 1-T11S-R22E (Surface Location)  
NENE Sec. 1-T11S-R22E (BHL)  
Uintah County, Utah  
Lease # UTU-073903**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. Existing Roads:**

**Directions to the Archy Bench 11-22-41-1 Well Pad**

Beginning at the city of Bonanza, Utah: Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 4.9 miles and turn left on to Road 4170 (Southam Canyon Road). Continue southwest on Road 4170 approximately 8.5 miles to Road 4160 (Asphalt Wash Road) and turn left. Continue south on Road 4160 approximately 9.5 miles until it intersects with Road 4120 (Bitter Creek Road). Turn right and go 1.9 miles on Road 4120 to Road 4230 (Saddletree Draw Road) and turn right. Go 4.8 miles on Road 4230 and turn left on to Road 4150 (Archy Bench Road). Go approximately 8.1 miles on Road 4150 to the turn-off point for the new access. Go right, 235 feet to the proposed well pad.

***This well is being directionally drilled from the Archy Bench 11-22-31-1 Well pad.***

Total distance from Bonanza, Utah to the proposed well location is approximately 39 miles in a southwesterly direction.

**2. Planned Access Roads:**

The proposed access road will be approximately 235 feet of new construction (ON-LEASE). The balance of the ON-LEASE road is the Arch Bench Road and will not have to be improved. No new road will have to be built OFF-LEASE. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

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 provided 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: (1) one BLM stock water dam<br>(WRNUM: 49-336)                 |
| b. | None: | Injection Wells:  |
| c. | (3):  | Producing Wells:  |
|    |       | i. Archy Bench State 1-2, NENE of Sec 2-11S-22E (S/I)<br>API#: 43-047-31489 |
|    |       | ii. NBU 70-34B, NESW of Sec 34-10S-22E (S/I)<br>API#: 43-047-30577          |
|    |       | iii. Archy Bench 1-7, SWNE of Sec 1-10S-22E<br>API#: 43-047-35931           |
| 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. | One:  | Pending (staked) Wells:   |
|    |       | i. Archy Bench 11-22-21-1   |
|    |       | ii. Archy Bench 11-22-13-1  |

- iii. Archy Bench 11-22-22-1
- iv. Archy Bench 11-22-12-1
- v. Archy Bench 11-22-14-1
- vi. Archy Bench 11-22-24-1
- vii. Archy Bench 11-22-34-1
- viii. Archy Bench 11-22-33-1
- ix. Archy Bench 11-22-23-1
- x. Archy Bench 11-22-11-1
- xi. Archy Bench 11-22-31-1
- xii. Archy Bench 11-22-42-1

#### 4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad (**Archy Bench 11-22-31-1**) 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	235'	BLM
	OFF-LEASE	-0'	no OFF-LEASE pipeline

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 235 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- a. ON-LEASE approximately 235 feet, and
- b. OFF-LEASE (none)

of 4 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site (**surface location, Archy Bench 11-**

**22-31-1**); and be laid on the surface next to the new access road, due west 235 feet and tie-in directly to an existing pipeline. 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:**

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496, **or whenever feasible, from Enduring Water User Claim 49-2215, Application #T76132.**

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

No water well is to be drilled on this lease.

**6 Source of Construction Materials:**

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

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

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

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

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

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

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

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

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

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

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

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

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

**8. Ancillary Facilities:**

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

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

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

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

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

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

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the net wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two 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.

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

Wellsite: Bureau of Land Management

Access: Bureau of Land Management

Pipeline: Bureau of Land management

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

The on-site was conducted September 21, 2005.

**Special Conditions of Approval:**

All production equipment shall be painted Desert Tan.

**Archeology:**

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

**Paleontology:**

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

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

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

**Representatives:**

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

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

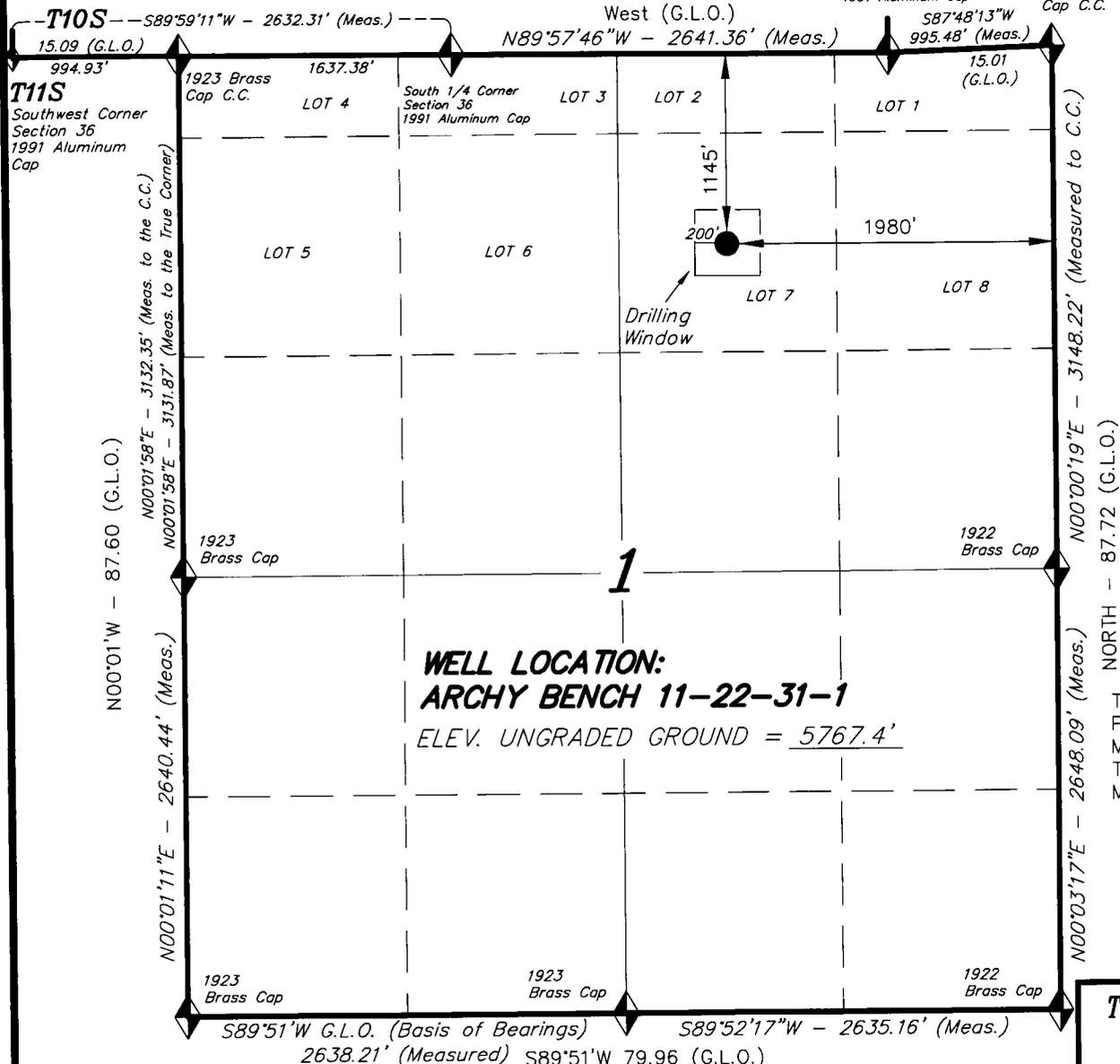


# T11S, R22E, S.L.B.&M.

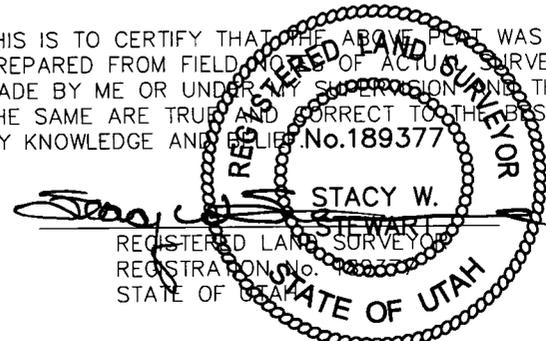
Southeast Corner  
Section 36  
1991 Aluminum Cap  
1922 Brass  
Cap C.C.

## ENDURING RESOURCES

WELL LOCATION, ARCHY BENCH  
11-22-31-1, LOCATED AS SHOWN IN  
LOT 7 OF SECTION 1, T11S, R22E,  
S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

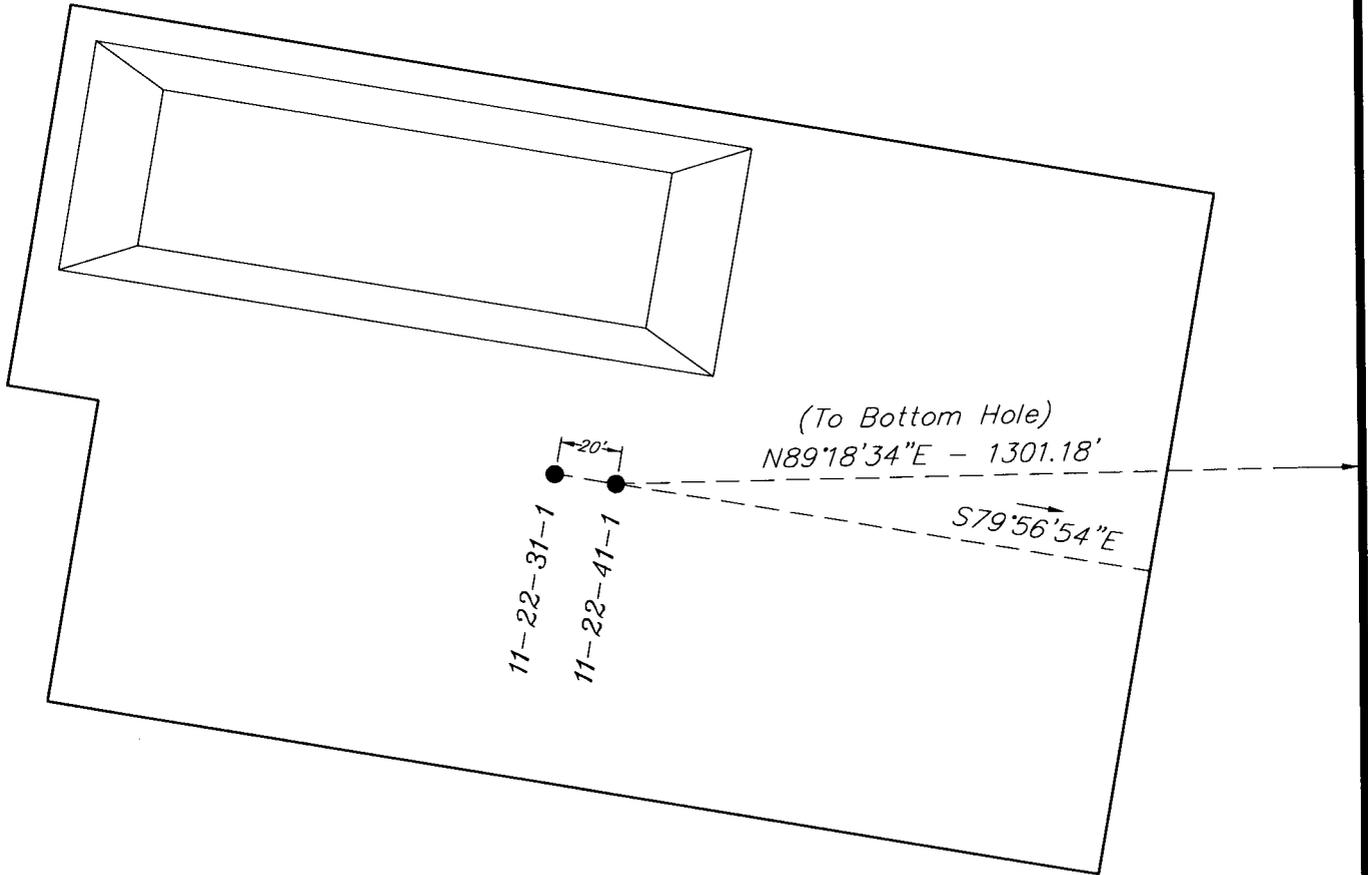
BASIS OF ELEV; U.S.G.S. 7-1/2 min  
QUAD (ARCHY BENCH)

ARCHY BENCH 11-22-31-1  
(Surface Location) NAD 83  
LATITUDE = 39° 53' 42.09"  
LONGITUDE = 109° 24' 04.21"

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>		<b>SHEET 2a OF 10</b>
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501		
DATE DRAWN: 6-1-05	SURVEYED BY: J.H.	
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	

# ENDURING RESOURCES

WELL PAD INTERFERENCE PLAT  
 ARCHY BENCH 11-22-31-1  
 ARCHY BENCH 11-22-41-1  
 Section 1, T11S, R22E, S.L.B.&M.



**TOP HOLE FOOTAGES**

11-22-31-1  
 1145' FNL & 1980' FEL  
 11-22-41-1  
 1149' FNL & 1960' FEL

**BOTTOM HOLE FOOTAGES**

11-22-31-1  
 VERTICAL  
 11-22-41-1  
 1146' FNL & 659' FEL

**Note:**  
 Bearings are Based  
 on G.L.O.

<i>RELATIVE COORDINATES</i>		
<i>From top hole to bottom hole</i>		
WELL	NORTH	EAST
31-1	N/A	N/A
41-1	16'	1301'

<i>LATITUDE &amp; LONGITUDE</i>		
<i>Surface position of Wells (NAD 83)</i>		
WELL	LATITUDE	LONGITUDE
31-1	39° 53' 42.09"	109° 24' 04.21"
41-1	39° 53' 42.05"	109° 24' 03.96"

SURVEYED BY: J.H.	DATE DRAWN: 5-31-05
DRAWN BY: F.T.M.	SCALE: 1" = 60'
NOTES:	

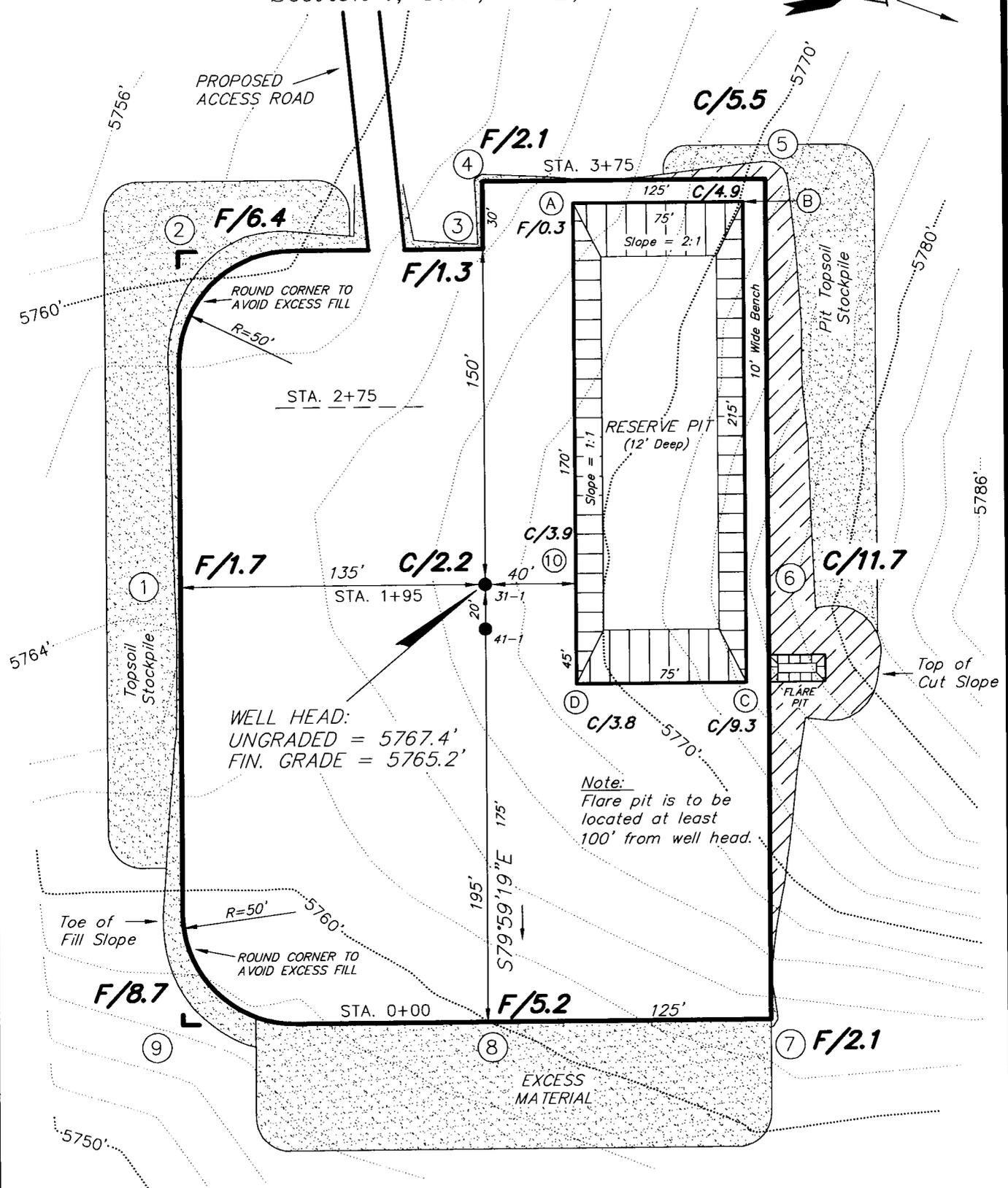
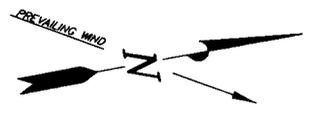
**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

SHEET  
**3**  
 OF 10

# ENDURING RESOURCES

**ARCHY BENCH 11-22-31-1 & 11-22-41-1**

Section 1, T11S, R22E, S.L.B.&M.

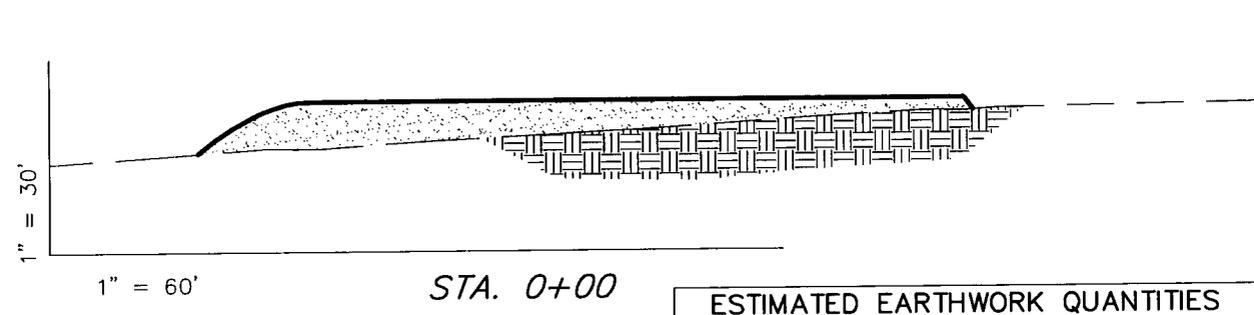
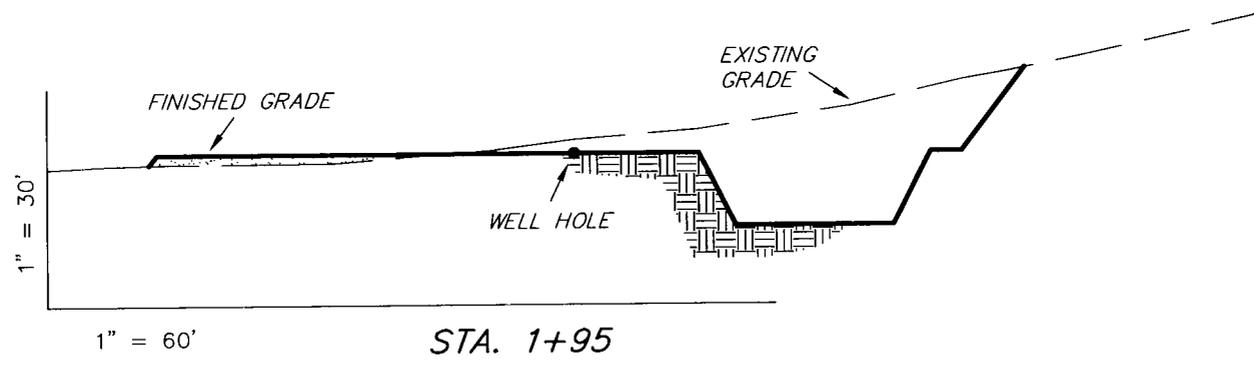
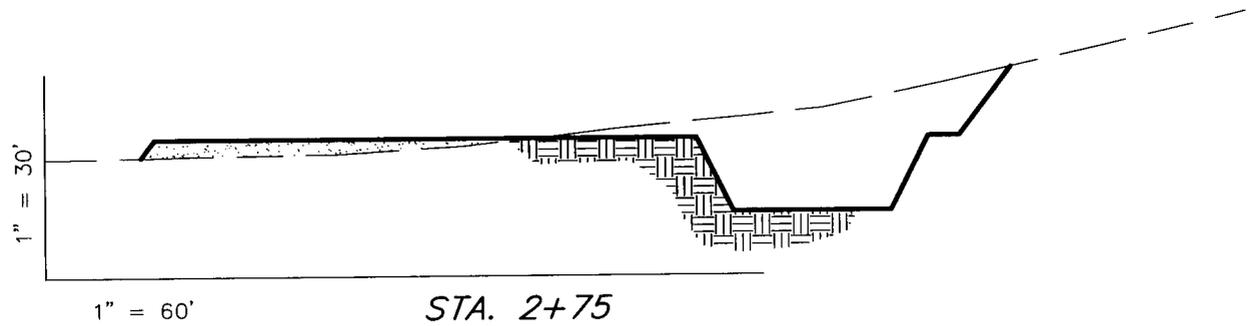
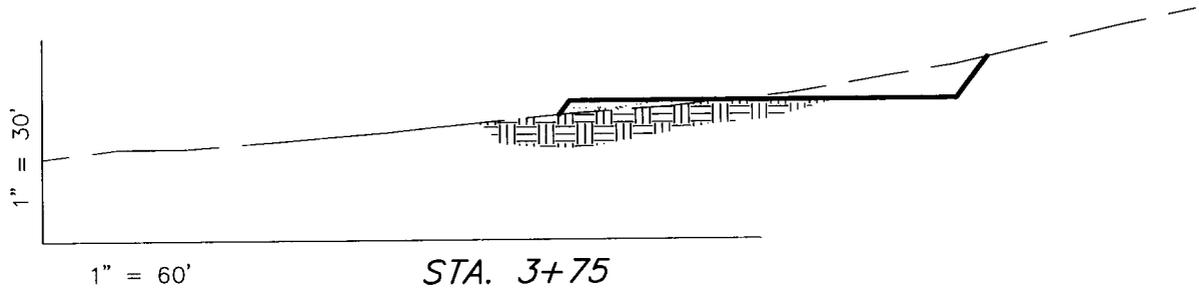


SURVEYED BY: J.H.	DATE DRAWN: 6-13-05
DRAWN BY: F.T.M.	SCALE: 1" = 60'
NOTES:	

**Tri State**  
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

**ENDURING RESOURCES**  
**CROSS SECTIONS**  
**ARCHY BENCH 11-22-31-1 & 11-22-41-1**



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,280	6,280	Topsoil is not included in Pad Cut	0
PIT	5,390	0		5,390
<b>TOTALS</b>	<b>11,670</b>	<b>6,280</b>	<b>1,920</b>	<b>5,390</b>

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

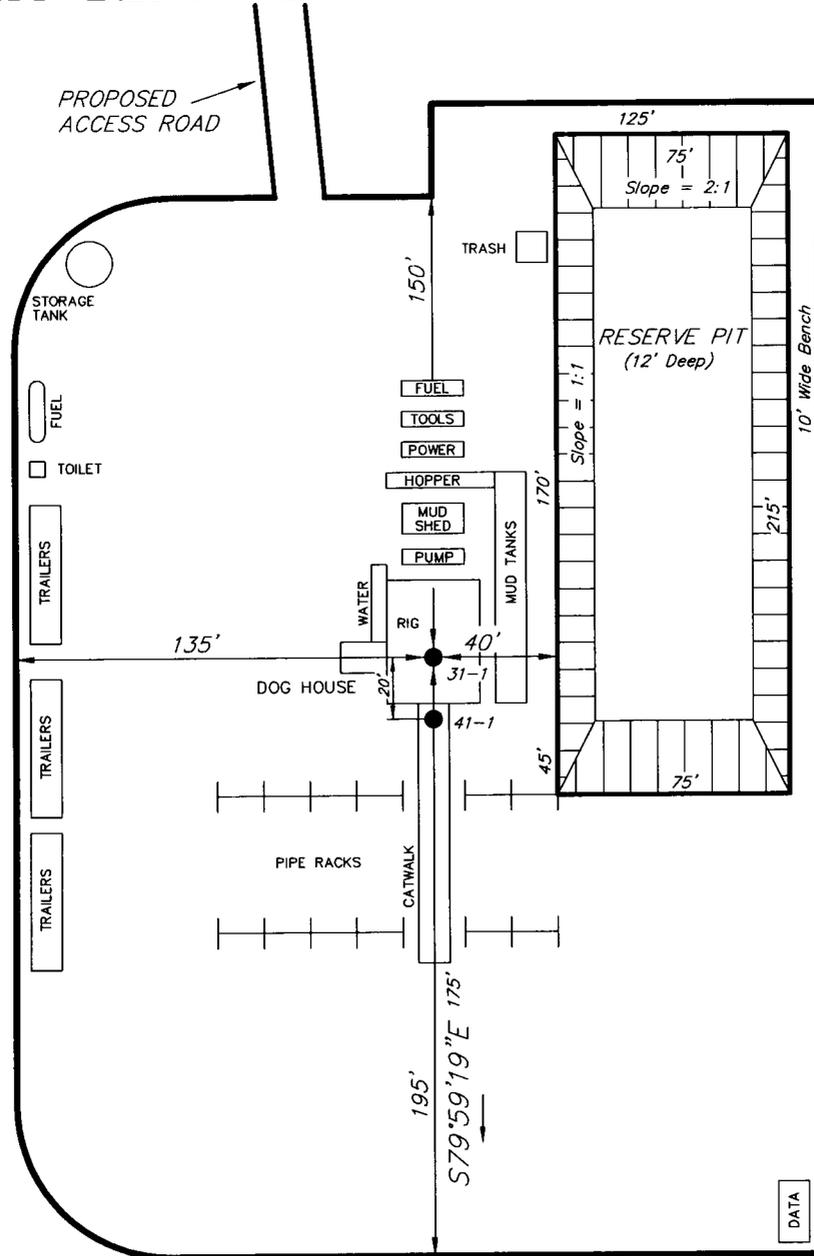
SURVEYED BY:	J.H.	DATE DRAWN:	6-13-05
DRAWN BY:	F.T.M.	SCALE:	1" = 60'
NOTES:			

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE.      VERNAL, UTAH 84078  
 (435) 781-2501

# ENDURING RESOURCES

## TYPICAL RIG LAYOUT

### ARCHY BENCH 11-22-31-1 & 11-22-41-1

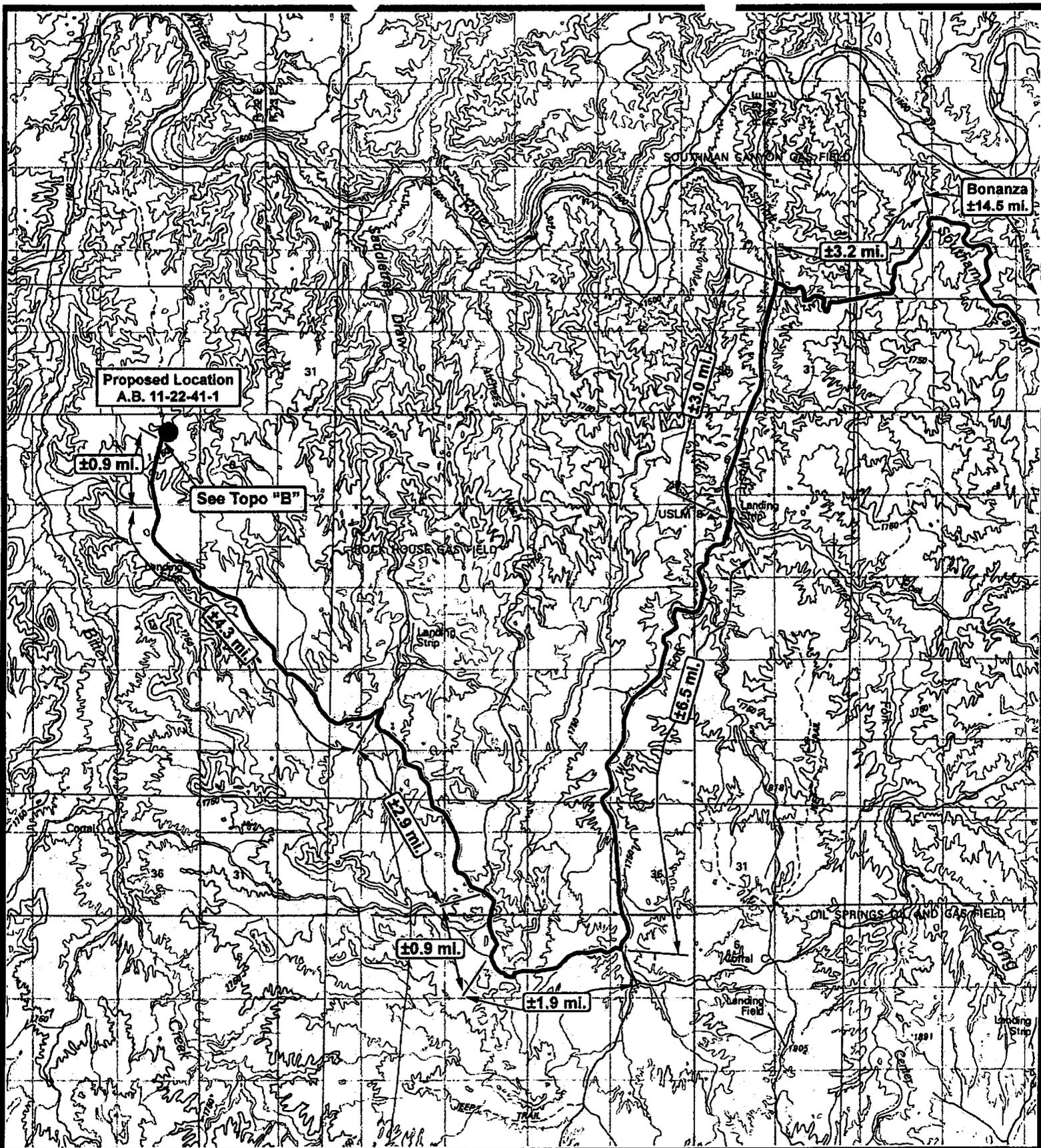


FLARE PIT

Note:  
Flare pit is to be located at least 100' from well head.

SURVEYED BY: J.H.	DATE DRAWN: 6-13-05
DRAWN BY: F.T.M.	SCALE: 1" = 60'
NOTES:	

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(435) 781-2501



**ENDURING RESOURCES**

**Archy Bench 11-22-41-1**  
**Sec. 1, T11S, R22E, S.L.B.&M.**  
 Pad Location: NWNE Sec. 1, T11S, R22E, S.L.B.&M.



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 180 North Vernal Ave. Vernal, Utah 84078

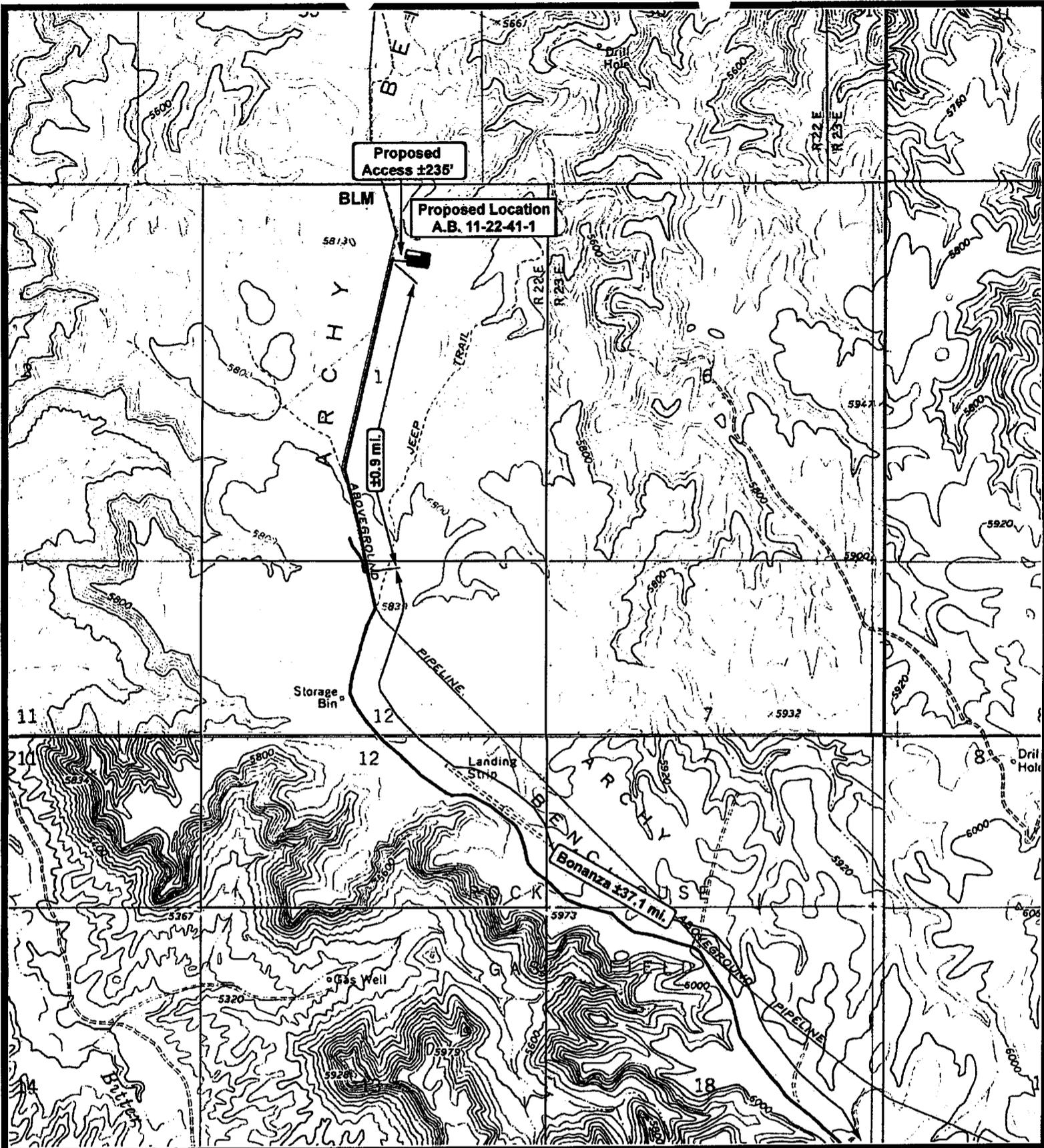
SCALE: 1" = 100,000'  
 DRAWN BY: bgm  
 DATE: 07-12-2005

**Legend**

— Existing Road  
 — Proposed Access

TOPOGRAPHIC MAP SHEET  
**"A"** 7 OF 10

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**ENDURING RESOURCES**

**Archy Bench 11-22-41-1**

**Sec. 1, T11S, R22E, S.L.B.&M.**

Pad Location: NWNE Sec. 1, T11S, R22E, S.L.B.&M.



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 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: bgm

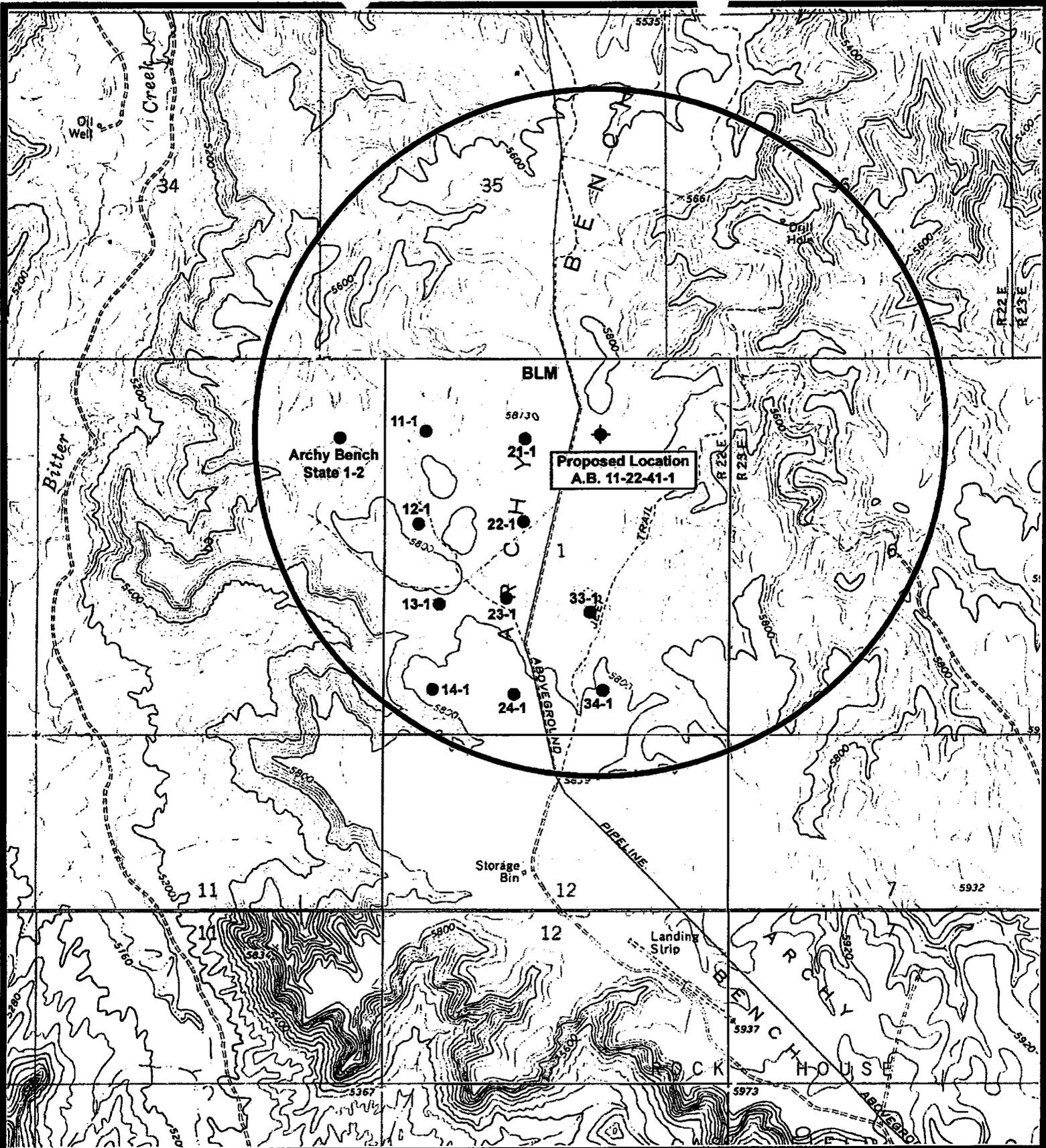
DATE: 07-15-2005

<b>Legend</b>	
	Existing Road
	Proposed Access
TOPOGRAPHIC MAP	
<b>"B"</b>	SHEET <b>8</b> OF 10

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**ENDURING RESOURCES**

**Archy Bench 11-22-41-1**

**Sec. 1, T11S, R22E, S.L.B.&M.**

Pad Location: NWNE Sec. 1, T11S, R22E, S.L.B.&M.



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SCALE: 1" = 2,000'

DRAWN BY: bgm

DATE: 07-14-2005

**Legend**

- Proposed Location
- Existing Location
- One-Mile Radius

TOPOGRAPHIC MAP

**"C"**

SHEET

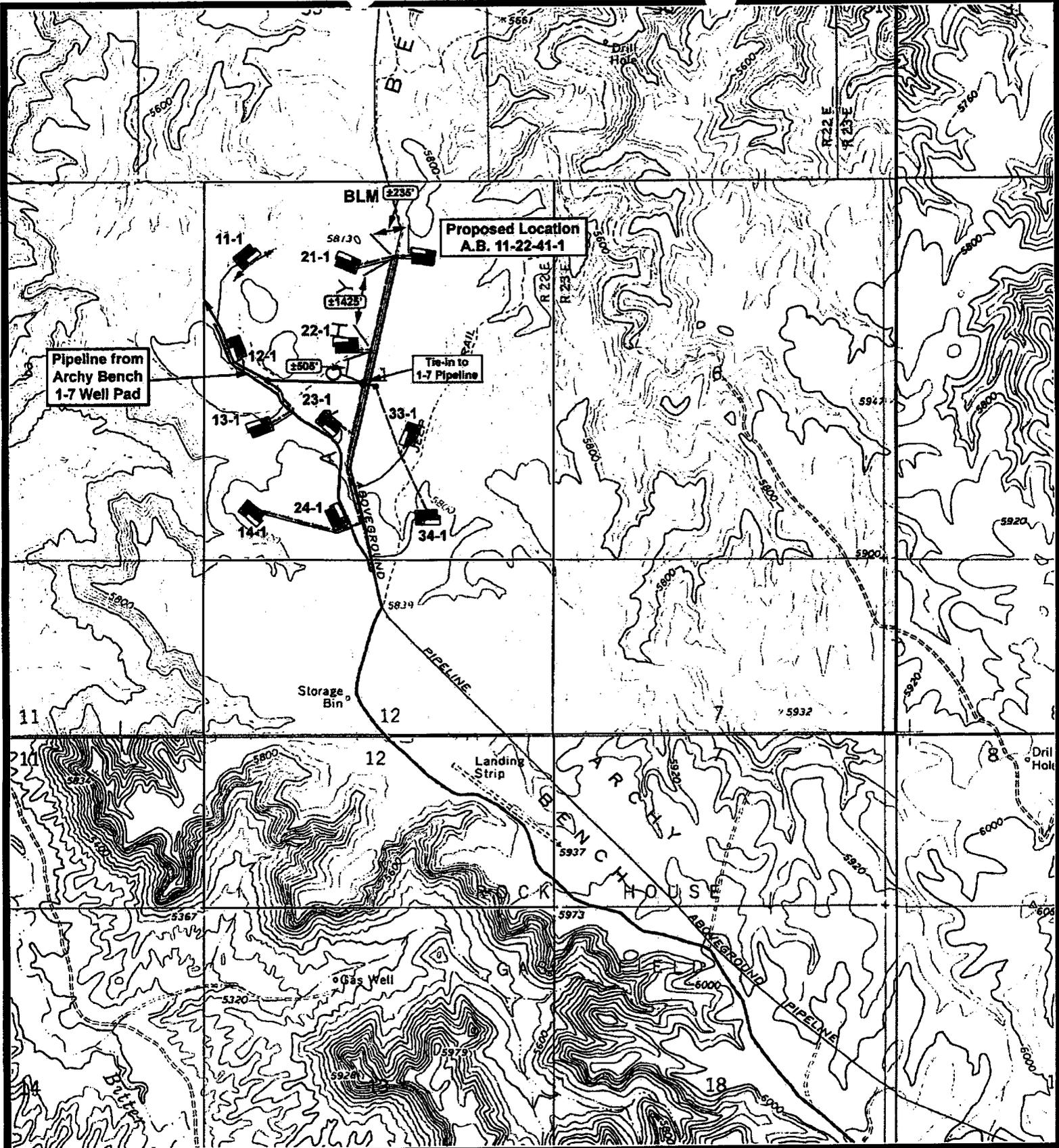
**9**

OF 10

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**ENDURING RESOURCES**

**Archy Bench 11-22-41-1**  
**Sec. 1, T11S, R22E, S.L.B.&M.**  
 Pad Location: NWNE Sec. 1, T11S, R22E, S.L.B.&M.



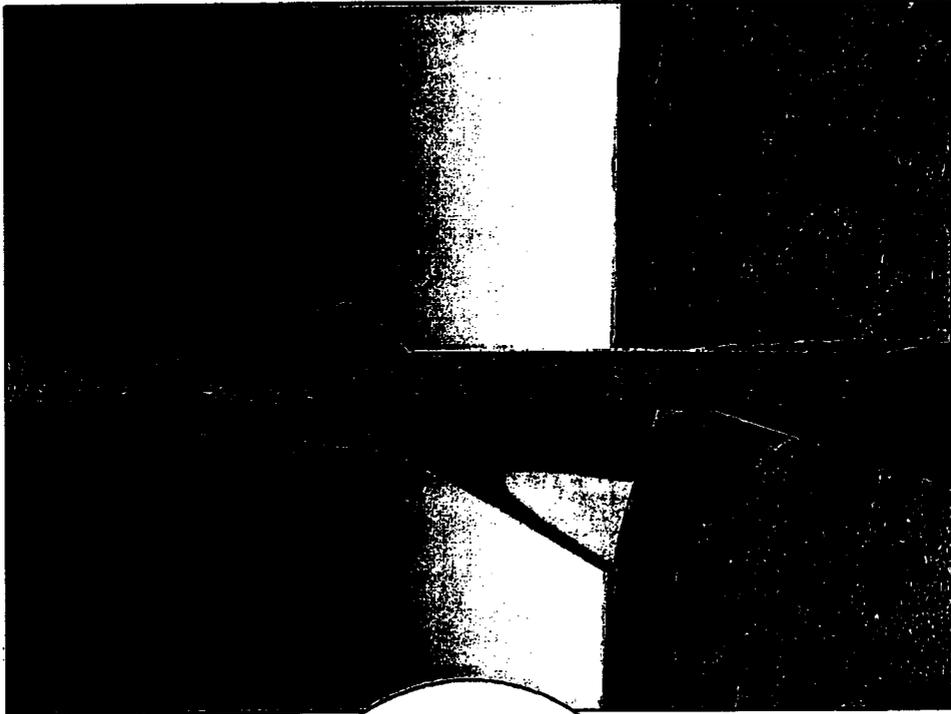
*Tri-State*  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: bgrn  
 DATE: 08-10-2005

Legend	
	Roads
	Existing Gas Line
	1-7 Pipeline
	Proposed Gas Line

TOPOGRAPHIC MAP SHEET  
**"D"**  
**9**  
 OF 9

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**CENTER STAKE**

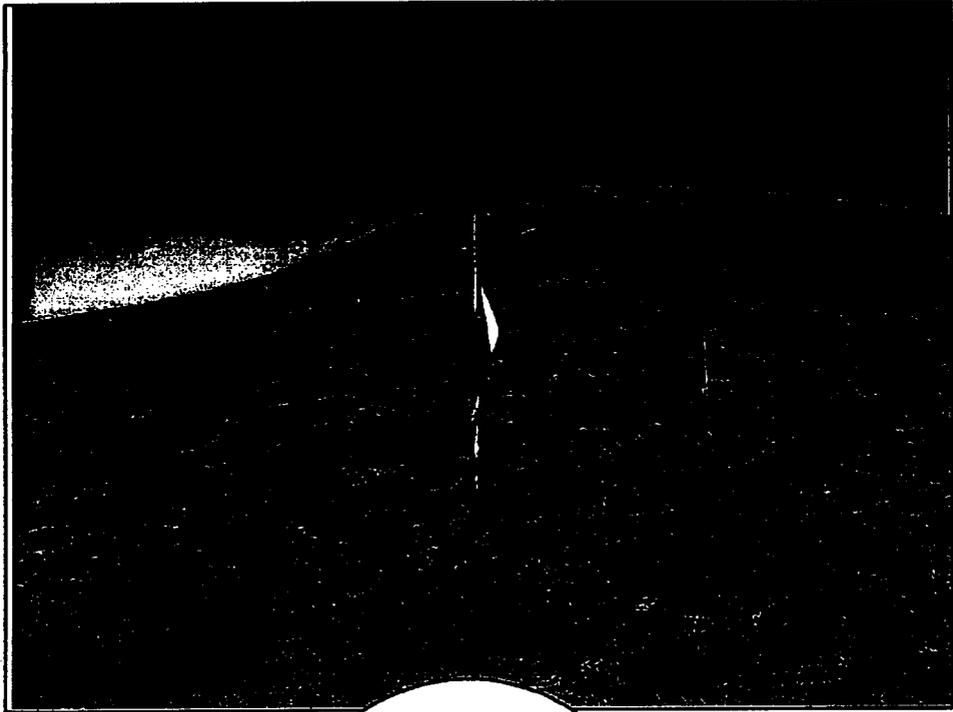
  
**ENDURING RESOURCES**  
**A.B. 11-22-41-1**  
Pad Location:  
NWNE Sec. 1, T11S, R22E, S.L.B.&M.

Date Photographed: 05/26/2005  
Date Drawn: 07/13/2005  
Drawn By: bgm

  
*Tri-State*  
*Land Surveying Inc.*  
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**LOOKING EAST  
ACCESS**





NORTH

  
**ENDURING RESOURCES**  
**A.B. 11-22-41-1**  
Pad Location:  
NWNE Sec. 1, T11S, R22E, S.L.B.&M.

Date Photographed: 05/26/2005  
Date Drawn: 07/13/2005  
Drawn By: bgm

  
**Tri-State**  
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EAST





SOUTH

  
**ENDURING RESOURCES**  
**A.B. 11-22-41-1**  
Pad Location:  
NWNE Sec. 1, T11S, R22E, S1B&M.

Date Photographed: 05/26/2005  
Date Drawn: 07/13/2005  
Drawn By: bgm

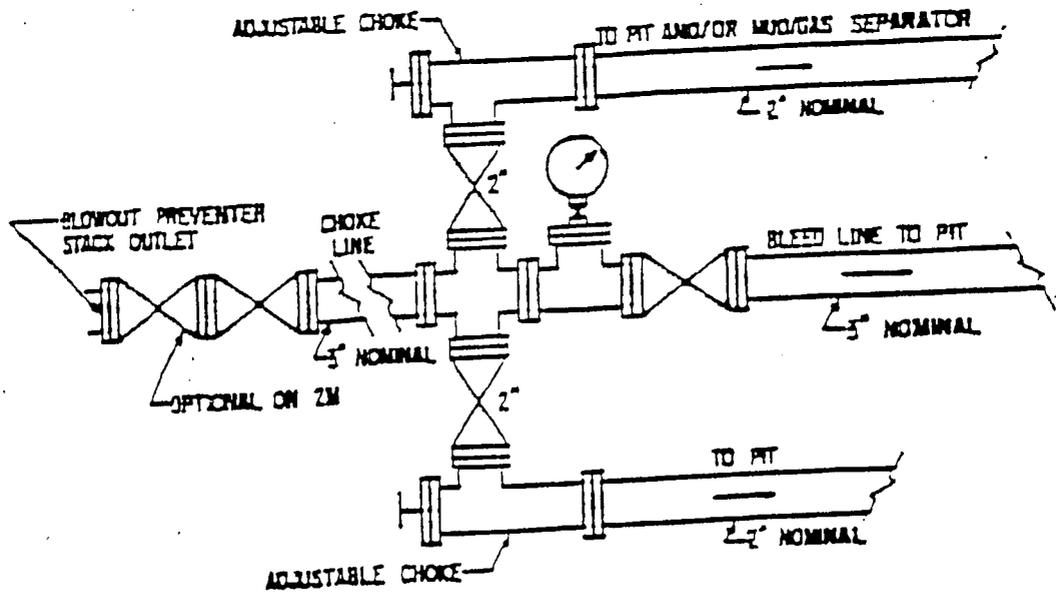
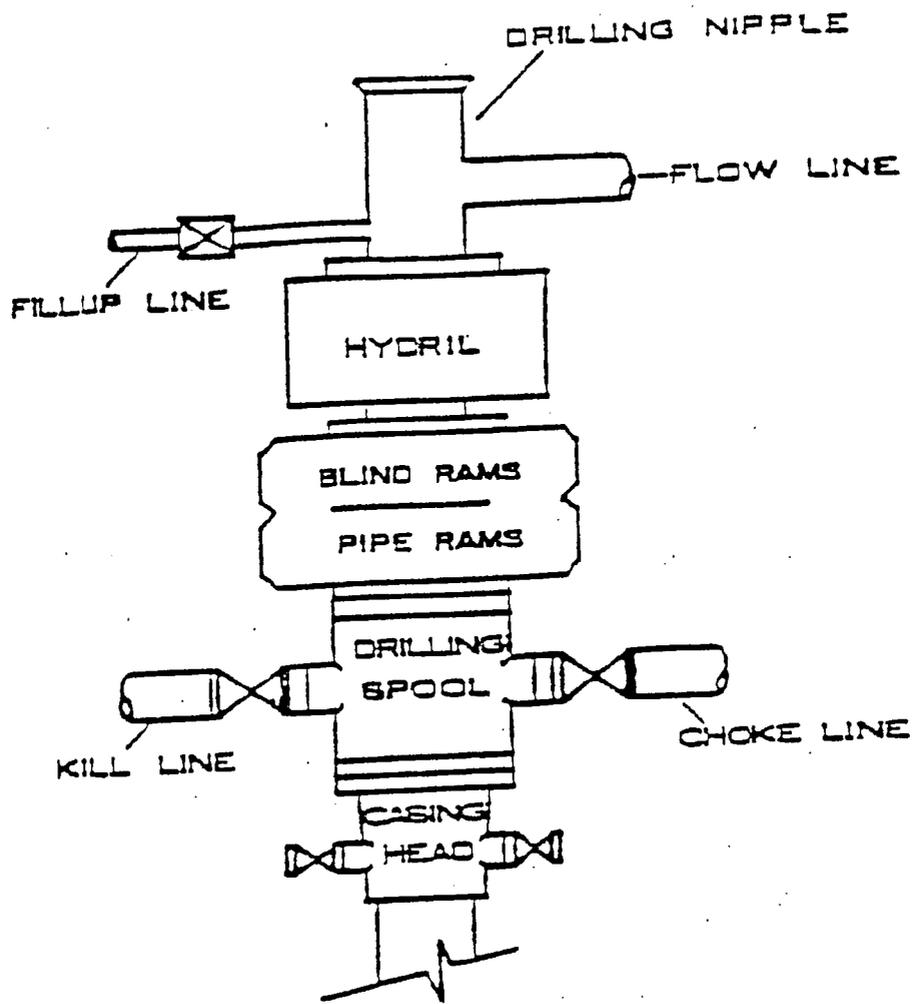
  
*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

WEST



3,000 PSI

# BOP STACK



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/17/2006

API NO. ASSIGNED: 43-047-37625

WELL NAME: ARCHY BENCH 11-22-41-1  
 OPERATOR: ENDURING RESOURCES, LLC ( N2750 )  
 CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

NWNE 01 110S 220E  
 SURFACE: 1149 FNL 1960 FEL  
*NE NE* BOTTOM: 1146 FNL 0659 FEL  
 COUNTY: UINTAH  
 LATITUDE: 39.89503 LONGITUDE: -109.4003  
 UTM SURF EASTINGS: 636763 NORTHINGS: 4417121  
 FIELD NAME: UNDESIGNATED ( 2 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-73903  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. RLB0008031 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 210-04  
Eff Date: 4-12-2004  
Siting: 460' from ext drl u bdr, 8920' from other well
- R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1-Federal Approval

**NATURAL BUTTES FIELD**  
**NATURAL BUTTES UNIT**

NBU 1022-35k  
 NBU 1022-35J  
 ROCK HOUSE 10-22-13-36  
 NBU 1022-35N  
 NBU 1022-35O  
 ROCK HOUSE 10-22-14-36

T10S R22E

T11S R23E

T11S R22E

ARCHY BENCH  
 STATE 1-2

BITTER CREEK  
 10-22-2B

BITTER CREEK  
 10-22-2H

ARCHY BENCH  
 10-22-10-1

ARCHY BENCH  
 10-22-21-1

ARCHY BENCH 10-22-41-1  
 ARCHY BENCH 10-22-31-1

BHIL  
 10-22-41-1

CAUSE: 210-04 / 4-12-2004

ARCHY BENCH  
 10-22-12-1

ARCHY BENCH  
 10-22-22-1

ARCHY BENCH  
 1-7

BHIL  
 10-22-42-1

ARCHY BENCH  
 10-22-13-1

ARCHY BENCH 10-22-42-1  
 ARCHY BENCH 10-22-12-1

ARCHY BENCH  
 10-22-14-1

ARCHY BENCH  
 10-22-24-1

ARCHY BENCH  
 10-22-34-1

ARCHY BENCH  
 10-22-2

**BITTER CREEK FIELD**

**MARBLE MANSION II UNIT**  
**ROCK HOUSE FIELD**

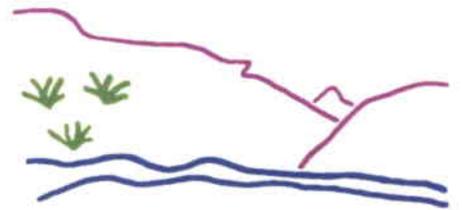
OPERATOR: ENDURING RES LLC (N2750)

SEC: 1 T. 11S R. 22E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

CAUSE: 210-04 / 4-12-2004



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
 DATE: 18-JANUARY-2006

**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

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

June 29, 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: Archy Bench #11-22-41-1 UTU-73903**  
**NWNE 1,149' FNL 1,960' FEL (Surface)**  
**NENE 1,146' FNL - 659' FEL (BHL)**  
**Section 1-T11S-R22E S.L.B. & M.**  
**Uintah County, Utah**

Dear Ms. Whitney:

This well is located on a two well pad. Enduring, when feasible, is attempting to reduce surface impact by directionally drilling wells from one central pad. The surface location of this well and the Archy Bench 11-22-31-1 well will be on the same pad and 20' apart. Both wells will be directionally drilled to near the center of each assigned 40-acre production unit.

Enduring is the only lease owner within 460 feet of any point of the proposed wells' well bores, surface locations and BHL, therefore,

- a. Enduring grants itself permission for the wells' exception locations and to be directionally drilled, and
- b. Enduring Resources, LLC respectfully requests an exception location for each well herein.

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

Very truly yours,

**ENDURING RESOURCES, LLC**



Alvin R. (Al) Arlian  
Landman - Regulatory Specialist

**RECEIVED**  
**JUN 29 2006**  
DIV. OF OIL, GAS & MINING



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

July 10, 2006

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

Re: Archy Bench 11-22-41-1 Well, Surface Location 1149' FNL, 1960' FEL,  
NW NE, Sec. 1, T. 11 South, R. 22 East, Bottom Location 1146' FNL,  
659' FEL, NE NE, Sec. 1, T. 11 South, R. 22 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 43-047-37625.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Enduring Resources, LLC  
**Well Name & Number** Archy Bench 11-22-41-1  
**API Number:** 43-047-37625  
**Lease:** UTU-73903

**Surface Location:** NW NE      **Sec. 1**      **T. 11 South**      **R. 22 East**  
**Bottom Location:** NE NE      **Sec. 1**      **T. 11 South**      **R. 22 East**

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

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

FORM 9

*Committed*

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-73903</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
		7. UNIT or CA AGREEMENT NAME: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Archy Bench 11-22-41-1</b>	
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>		9. API NUMBER: <b>4304737625</b>
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 350-5719</b>	10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: <b>1149' FNL - 1960' FEL</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNE 1 11S 22E S</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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: <b>Request for APD Extension</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

FROM: 7/10/2007  
TO: 7/10/2008

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

Date: 07-11-07  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 7-12-07  
Initials: BM

NAME (PLEASE PRINT) Evette Bissett TITLE Regulatory Affairs Assistant  
SIGNATURE [Signature] DATE 7/5/2007

(This space for State use only)

**RECEIVED  
JUL 09 2007**

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

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

**API:** 4304737625  
**Well Name:** Archy Bench 11-22-41-1  
**Location:** 1149' FNL - 1960' FEL, NWNE, Sec 1, T11S-R22E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 7/10/2006

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

Muttie Braslett  
Signature

7/5/2007  
Date

**Title:** Regulatory Affairs Assistant

**Representing:** Enduring Resources, LLC

RECEIVED  
JUL 09 2007

DIV. OF OIL & GAS

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73903
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: 1149' FNL - 1960' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 1 11S 22E S		8. WELL NAME and NUMBER: Archy Bench 11-22-41-1
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304737625
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
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	<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: 7/11/2008  
TO: 7/11/2009

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-14-08  
By: [Signature]

**COPY SENT TO OPERATOR**  
Date: 7-15-2008  
Initials: KS

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman  
SIGNATURE [Signature] DATE 6/25/2008

(This space for State use only)

**RECEIVED**  
**JUL 10 2008**  
DIV. OF OIL, GAS & MINING



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

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

**API:** 4304737625  
**Well Name:** Archy Bench 11-22-41-1  
**Location:** 1149' FNL - 1960' FEL, NWNNE, Sec 1, T11S-R22E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 7/10/2006

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

6/25/2008  
Date

Title: Administrative Assistant

Representing: Enduring Resources, LLC

**RECEIVED**  
**JUL 10 2008**  
DIV. OF OIL, GAS & MINING

JAN 17 2006

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM VERNAL UT

Lease Serial No.  
UT 73903

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		6. If Indian, Allottee or Tribe Name N/A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No. N/A
2. Name of Operator Enduring Resources, LLC		8. Lease Name and Well No. Archy Bench 11-22-41-1
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code) 303-350-5114	9. API Well No. 43-047-37625
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWNE 1149' FNL 1,960' FEL (Surface) At proposed prod. zone NENE 1,146' FNL - 659' FEL (BHL)		10. Field and Pool, or Exploratory undesignated
14. Distance in miles and direction from nearest town or post office* 39 miles Southwesterly from Bonanza, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec 1 T11S R22E S.L.B.&M.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 659' BHL	16. No. of acres in lease 1341.28	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 20' Surf (1320' BHL)	19. Proposed Depth 8071'	20. BLM/BIA Bond No. on file BLM - UTB000173
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5776' KB-RT	22. Approximate date work will start* 04/01/2006	23. Estimated duration 20 days

24. Attachments

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

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Alvin R. (Al) Arlian	Date 01/11/2006
---	--	--------------------

Title  
Landman - Regulatory Specialist

Approved by (Signature) 	Name (Printed/Typed) Terry Kevicka	Date APR 06 2009
---	---------------------------------------	---------------------

Title  
Assistant Field Manager  
Lands & Mineral Resources  
Office  
VERNAL FIELD OFFICE

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

**CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on page 2)

**NOTICE OF APPROVAL  
RECEIVED**

APR 20 2009

DIV. OF OIL, GAS & MINING

**UDOGM**

06GXJO161A



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Enduring Resources, LLC  
**Well No:** Archy Bench 11-22-41-1  
**API No:** 43-047-37625

**Location:** Lot 7, Sec. 1, T11S, R22E  
**Lease No:** UTU-73903  
**Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

**Fax: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- This proposed well is located within the Resource Development Group (RDG) EIS project. Adhere to applicable COA's approved in Final RDG EIS Record of Decision listed below:

1. Transportation:

- All roads will be constructed to Gold Book standard
- Limit use of roads by heavy equipment during the periods when the roads are muddy.
- Operator will perform normal operational winter maintenance: roads will be plowed to allow safe navigation. And if snow is heavy, plows will provide breaks in the snow piled berms to allow free movement of wildlife across all roads.

2. Noxious Weeds:

- Power-wash all construction equipment before commencing construction activities in order to eliminate noxious weeds

3. Interim Reclamation:

All portions of the well pads and ROWS not utilized for the operation phase of the project will be re-seeded. Post construction seeding applications will continue until determined successful by the BLM.

- During interim reclamation of the surface, the following seed mixture will be used PLS (Pure Live Seed) formula.

Shadscale ( <i>Atriplex confertifolia</i> ).....	3 lbs/acre
galleta grass ( <i>Hilaria jamesii</i> ).....	3 lbs/acre
Indian ricegrass ( <i>Achnatherum hymenoides</i> ).....	3 lbs/acre
hycrest crested wheatgrass ( <i>Agropyron cristayum/Agropyron desertorum hybrid</i> ) .....	2 lbs/acre

Rates are set for drill seeding; double the rate if broadcasting.

- Reseeding may be required if initial seeding is not successful.

- Restrictions for placement of surface pipelines:
  - a): Surface pipelines will be placed 5-10 feet outside of the borrow area.
  - b): Surface pipelines will be placed in such a way that they will not wander into the borrow area.
  - c): Pipelines will be buried at all major road and drainage crossings.
  
- Paint all facilities Carlsbad canyon or covert green within six months of installation, except those facilities which are required to comply with the Occupational Safety and Health Act (OSHA).

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- A surface casing shoe integrity test shall be performed.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person

making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73903
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ARCHY BENCH 11-22-41-1
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047376250000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1149 FNL 1960 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 01 Township: 11.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> BITTER CREEK  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/14/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Request one-year extension to APD.

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

**Date:** July 15, 2009

**By:**

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/14/2009



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

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047376250000**

**API:** 43047376250000

**Well Name:** ARCHY BENCH 11-22-41-1

**Location:** 1149 FNL 1960 FEL QTR NWNE SEC 01 TWP 110S RNG 220E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 7/10/2006

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 rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

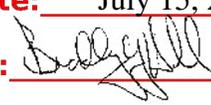
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Alvin Arlian

**Date:** 7/14/2009

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

**Date:** July 15, 2009

**By:** 

**RECEIVED** July 14, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73903
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ARCHY BENCH 11-22-41-1
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047376250000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1149 FNL 1960 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 01 Township: 11.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> BITTER CREEK  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/10/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Request an one-year extension to APD termination date.

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

**Date:** July 13, 2010

**By:**

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/9/2010



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

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047376250000**

**API:** 43047376250000

**Well Name:** ARCHY BENCH 11-22-41-1

**Location:** 1149 FNL 1960 FEL QTR NWNE SEC 01 TWP 110S RNG 220E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 7/10/2006

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 rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

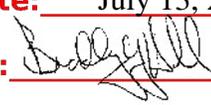
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Alvin Arlian

**Date:** 7/9/2010

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

**Date:** July 13, 2010

**By:** 

**RECEIVED** July 09, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

MAR 03 2011

BLM

5. Lease Serial No. UTU73903
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. ARCHY BENCH 11-22-41-1
9. API Well No. 43-047-37625-00-X1
10. Field and Pool, or Exploratory UNDESIGNATED
11. County or Parish, and State UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator ENDURING RESOURCES LLC Contact: AL ARLIAN E-Mail: aarlian@enduringresources.com	
3a. Address 475 17TH STREET, SUITE 1500 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-350-5114 Fx: 303-573-0461
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T11S R22E Lot 7 1149FNL 1960FEL	

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original PD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Request for a two-year extension to APD termination date from 4-6-2011 to 4-6-2013.

BOTTOM HOLE LOCATION IS (NE/4NE/4, 1146' FNL, 659' FEL of Sec 1-11S-22E)

VERNAL FIELD OFFICE	
ENG. (JD)	MAR 1 4 2011
GEOL. _____	
E.S. _____	
PET. _____	
RECL. _____	

**CONDITIONS OF APPROVAL ATTACHED**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #103607 verified by the BLM Well Information System For ENDURING RESOURCES LLC, sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 03/04/2011 (11RRH1441SE)		RECEIVED APR 11 2011 DIV. OF OIL, GAS & MINING
Name (Printed/Typed) AL ARLIAN	Title LANDMAN	
Signature (Electronic Submission)	Date 03/03/2011	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>[Signature]</i>	Assistant Field Manager Lands & Mineral Resources	MAR 25 2011 Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

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

UDOGM

\*\* BLM REVISED \*\*

11RRH1441SE

# CONDITIONS OF APPROVAL

## Enduring Resources, LLC

### Notice of Intent APD Extension

**Lease:** UTU-73903  
**Well:** Archy Bench 11-22-41-1  
**Location:** Lot 7 Sec 1-T11S-R22E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on May 1, 2011.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-4430.

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*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*

June 29, 2011

Al Arlian  
Enduring Resources, LLC  
475-17<sup>th</sup> Street, Ste. 1500  
Denver, CO 80202

Re: APD Rescinded – Archy Bench 11-22-41-1, Sec.1 T.11S, R.22E  
Uintah County, Utah API No. 43-047-37625

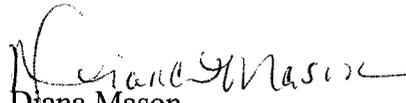
Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 10, 2006. On July 11, 2007, July 14, 2008, July 15, 2009 and July 13, 2010 the Division granted a one-year APD extension. On July 8, 2011, you requested that the APD be rescinded. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 8, 2011.

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

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

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



**NOV 22 2011**

IN REPLY REFER TO:  
3160 (UTG011)

Alvin R. Arlian  
Enduring Resources, LLC  
511-16<sup>th</sup> Street, Suite 700  
Denver, CO 80202

Re: Notice of Expiration  
Well No. Archy Bench 11-22-41-1  
Lot 7, Sec. 1, T11S, R22E  
Uintah County, Utah  
Lease No. UTU-73903

43 047 37625

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the above-referenced well was approved on April 6, 2009. A two (2) year extension request of the original APD was received on March 3, 2011. On March 25, 2011 the request was reviewed and the extension request was approved to May 1, 2011, consistent with the expiration of the 390 CX used to process the APD. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Cindy Severson at (435) 781-4455.

Sincerely,

Jerry Kenczka  
Assistant Field Manager  
Lands & Mineral Resources

**RECEIVED**

**DEC 14 2011**

**DIV. OF OIL, GAS & MINING**

cc: UDOGM