

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>UTU-73451</b>	6. SURFACE: <b>Federal</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input type="checkbox"/> <b>MULTIPLE ZONE</b> <input checked="" type="checkbox"/>			8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>			9. WELL NAME and NUMBER: <b>Asphalt Wash 10-23-24-33</b>	
3. ADDRESS OF OPERATOR: <b>475 17th St., Ste 1500</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80220</b>			PHONE NUMBER: <b>(303) 350-5719</b>	
4. LOCATION OF WELL (FOOTAGES) <b>642048 X 4417764</b> <i>39.82222 - 104.338393</i> AT SURFACE: <b>647' FSL - 604' FWL</b> AT PROPOSED PRODUCING ZONE: <b>660' FSL - 1980' FWL</b> <i>642467 X 4417764 39.899989 - 104.333494</i>			10. FIELD AND POOL, OR WILDCAT: <del>Unassigned</del> <b>Natural Buttes</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>76.5 miles South of Vernal, UT</b>			12. COUNTY: <b>Uintah</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>604'</b>	16. NUMBER OF ACRES IN LEASE: <b>600</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 acres</b>		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>1000' +</b>	19. PROPOSED DEPTH: <b>8,202</b>	20. BOND DESCRIPTION: <b>RLB0008031</b>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5825' RT-KB</b>	22. APPROXIMATE DATE WORK WILL START: <b>10/1/2006</b>	23. ESTIMATED DURATION: <b>20 days</b>		

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	14" line pipe	40	3 yards	Ready Mix		
11"	8-5/8" J-55 24#	2,016	Premium Lead	138 sxs	3.50	11.1
			Premium Tail	138 sxs	1.15	15.8
7-7/8"	4-1/2" N-80 11.6#	8,202	Class G	148 sxs	3.3	11.0
			50/50 Poz Class G	875 sxs	1.56	14.3

**ATTACHMENTS**

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

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) **Evette Bissett** TITLE **Regulatory Compliance Assistant**  
SIGNATURE *Evette Bissett* DATE **7/31/2006**

(This space for State use only)

API NUMBER ASSIGNED: **43-047-38449**

Approved by the  
Utah Division of  
Oil, Gas and Mining  
APPROVAL:

Date: **08-14-06**  
By: *[Signature]*

**RECEIVED**  
**AUG 07 2006**

DIV. OF OIL, GAS & MINING

(11/2001)

**Federal Approval of this  
Action is Necessary**

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

## ENDURING RESOURCES

Found 1994  
Cadastral Alum.  
Cap. Pile of Stones

S89°59'W - 40.11 (G.L.O.)

N89°58'W - 40.07 (G.L.O.)

Found 1994  
Cadastral Alum.  
Cap. Pile of Stones

N89°58'24"E  
323.89' (Meas.)

N89°58'08"E  
1323.44' (Meas.)

S89°58'40"E  
2644.68' (Meas.)

Found 1994  
Cadastral Alum.  
Cap. Pile of Stones

Found 1994  
Cadastral Alum.  
Cap. Pile of Stones

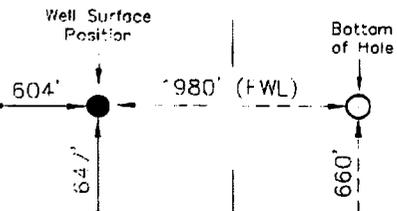
Found 1994  
Cadastral Alum.  
Cap. Pile of Stones

DISTANCE TO NEAREST WELL			
FROM WELL	TO WELL	COURSE	DISTANCE
10-23-24-33	10-23-24-33	N89°58'49"E	1,321'

**33**

**WELL LOCATION:  
ASPHALT WASH 10-23-24-33**

ELEV. UNGRADED GROUND = 5809.1'



Found 1995  
Cadastral Alum.  
Cap. Pile of Stones

Found 1995  
Cadastral Alum.  
Cap. Pile of Stones

Found 1995  
Cadastral Alum.  
Cap. Pile of Stones

Found Witness  
Corner 1993  
Cadastral Alum.  
Cap. Pile Stones.  
N89°58'53"E  
49.54' from  
corner

S89°57'53"W - 2634.73' (Meas.)  
S89°58'W - 39.89 (G.L.O.)  
W.C. N89°59'E  
0.75 (G.L.O.)

S89°59'44"W - (Basis of Bearings)  
2644.77' (Measured)  
N89°59'W - 40.10 (G.L.O.)

WELL LOCATION, ASPHALT WASH  
10-23-24-33, LOCATED AS SHOWN IN  
THE SE 1/4 SW 1/4 OF SECTION 33,  
T10S, R23E, S.L.B.&M. JINTAH COUNTY,  
UTAH.

### NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. The Bottom of hole bears N89°25'49"E 1376.43' from the well surface position.
3. Bearings are based on Global Positioning Satellite observations.
4. Basis of elevation is triangulation station JEK 19 ET '966 which is located at the South 1/4 corner of Section 8, T11S, R23E, S.L.B.&M. The elevation of this triangulation station is shown on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.

▲ = SECTION CORNERS LOCATED

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

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

## TIMBERLINE LAND SURVEYING, INC.

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

DATE SURVEYED: 10-17-05	SURVEYED BY: K.R.K.	SHEET <b>2a</b>
DATE DRAWN: 10-25-05	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'		OF 11

ASPHALT WASH 10-23-24-33  
(Bottom Hole) NAD 83 Autonomous  
LATITUDE = 39° 53' 59.99"  
LONGITUDE = 109° 20' 03.22"

ASPHALT WASH 10-23-24-33  
(Surface Position) NAD 83 Autonomous  
LATITUDE = 39° 53' 59.86"  
LONGITUDE = 109° 20' 20.87"



***Enduring Resources***

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

July 31, 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: Asphalt Wash 10-23-24-33**  
**Surface Location: SWSW Sec. 33-T10S-R23E**  
**BH Location: SESW Sec. 33-T10S-R23E**  
**Federal Lease: UTU-73451**  
**Uintah County, Utah**

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well. Also enclosed is a copy of the BLM APD.

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

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

Very truly yours,

**ENDURING RESOURCES, LLC**

Alvin R. (Al) Arlian  
Landman-Regulatory Specialist

ara  
Enclosures:

**RECEIVED**  
**AUG 07 2006**  
DIV. OF OIL, GAS & MINING

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

July 31, 2006

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

**RE: Exception Location - Directional Drilling - Asphalt Wash 10-23-24-33**  
**Surface Location: SWSW Sec. 33-T10S-R23E**  
**BH Location: SESW Sec. 33-T10S-R23E**  
**Uintah County, Utah**

Dear Ms. Whitney:

1. Enduring Resources, LLC ("ERLLC") is the only leasehold interest owner within 460 feet of any part of the above-referenced proposed well's proposed directional well bore. Said well's surface and bottom location being as follows:

**Asphalt Wash 10-23-24-33**

Surface: 647' FSL – 604' FWL  
BHL: 660' FSL – 1,980' FWL

2. The subject proposed well will be drilled from the Rainbow #10-23-14-33 pad and the surface locations of the Rainbow 10-23-14-33, Rainbow 10-23-24-33 and Rainbow 10-23-44-32, are each only 25 feet apart.
3. ERLLC is the only leasehold interest owner within the SW of Sec 33 and SE of Sec 32, therefore,
  - A. ERLLC grants itself permission to directionally drill the subject well(s), and
  - B. ERLLC also grants itself permission for exception well(s)' surface locations.

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

Very truly yours,

**ENDURING RESOURCES, LLC**



Alvin R. (Al) Arlian  
Landman – Regulatory Specialist

**Enduring Resources, LLC  
Asphalt Wash 10-23-24-33  
SW-SW 33-10S-23E Surface  
SE-SW 33-10S-23E BHL  
Uintah County, Utah  
Federal Lease: UTU-73451**

**ONSHORE ORDER 1 - DRILLING PLAN**

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

Formation	Depth (K.B.)
Uinta	Surface
Green River	605
Wasatch	3808
Mesaverde	5802

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

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5825'	
Oil / Gas	Green River	605
Oil /Gas	Wasatch	3808
Oil /Gas	Mesaverde	5802
	Estimated TD	8202

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

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

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

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

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

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

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

### Blow-Out Preventer

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

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

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

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

#### E. Miscellaneous Information:

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

## 4. Proposed Casing & Cementing Program:

### A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8202' (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

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)
8202' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.49(d)	7780/1.98 (e)	223/2.73(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	1692	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	148	25	11.0	3.3
4-1/2"	Tail	4797	50/50 POZ Class G + 2% gel + 1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	875	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'-8202' (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 4265 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2461 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

**8. Anticipated Starting Dates:**

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

**9. Variances:**

None anticipated

**10. Other:**

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

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

**Directions to the Rainbow #10-23-24-33 Well Pad (SWSW of Sec 33, Surface location of the Rainbow #10-23-14-33 Well, Rainbow #10-23-24-33 Well, and Rainbow #10-23-44-32 Well).**

From the intersection of U.S. Highway 40 and 500 east street in Vernal, Utah proceed in an easterly then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45; exit right and proceed in a southerly direction along State Highway 45 approximately 40.5 miles to the junction of the Dragon Road (County B Road 4180). This road is located approximately 4.8 miles south of Bonanza, Utah. Exit left and proceed in a southeasterly direction along County B Road 4180 approximately 4.0 miles to the junction of the Kings Wells Road (County B Road 4190). Exit right and proceed in a southwesterly direction along County B Road 4190 approximately 8.7 miles to the junction of the Atchee Ridge Road (County B Road 4270). Continue along County B Road 4190 in a southwesterly direction approximately 4.3 miles to the junction of the Long Draw Road (County B Road 4260). Continue along County B Road 4190 in a southerly, then westerly direction approximately 4.0 miles to the junction of County B Road 4160. Exit right and proceed in a northerly direction along County B Road 4160 approximately 0.5 miles to the junction of the Bitter Creek Road (County B Road 4120). Exit left and proceed in a westerly direction along County B Road 4120 approximately 1.9 miles to the junction of County B Road 4230. Exit right and proceed in a northerly direction along County B Road 4230 approximately 0.9 miles to the junction of the Atchees Wash Road (County B Road 4240). Exit right and proceed in a northerly direction along County B Road 4240 approximately 2.7 miles to a Class D County Road. Exit left and proceed in a northwesterly direction approximately 1.4 miles to the Saddletree Draw Road (County B Road 4230); exit right and proceed in a northerly direction along County B Road 4230 approximately 0.8 miles to a service road; exit right and proceed in an easterly then northerly direction along the service road approximately 2.2 miles to the Acosta Federal #1 well pad, then proceed (continue north) an additional 1.25 mile to the proposed access road. Follow road flags in a westerly direction approximately 35 feet to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 76.5 miles in a southerly direction.

**Enduring Resources, LLC**  
**Asphalt Wash 10-23-24-33**  
**Surface Location: SWSW Sec. 33-T10S-R23E**  
**BH Location: SESW Sec. 33-T10S-R23E**  
**Uintah County, Utah**  
**Lease # UTU-073451**

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

**1. Existing Roads:**

**Directions to the Rainbow #10-23-24-33 Well Pad (SWSW of Sec 33, Surface location of the Rainbow #10-23-14-33 Well, Rainbow #10-23-24-33 Well, and Rainbow #10-23-44-32 Well).**

From the intersection of U.S. Highway 40 and 500 east street in Vernal, Utah proceed in an easterly then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45; exit right and proceed in a southerly direction along State Highway 45 approximately 40.5 miles to the junction of the Dragon Road (County B Road 4180). This road is located approximately 4.8 miles south of Bonanza, Utah. Exit left and proceed in a southeasterly direction along County B Road 4180 approximately 4.0 miles to the junction of the Kings Wells Road (County B Road 4190). Exit right and proceed in a southwesterly direction along County B Road 4190 approximately 8.7 miles to the junction of the Atchee Ridge Road (County B Road 4270). Continue along County B Road 4190 in a southwesterly direction approximately 4.3 miles to the junction of the Long Draw Road (County B Road 4260). Continue along County B Road 4190 in a southerly, then westerly direction approximately 4.0 miles to the junction of County B Road 4160. Exit right and proceed in a northerly direction along County B Road 4160 approximately 0.5 miles to the junction of the Bitter Creek Road (County B Road 4120). Exit left and proceed in a westerly direction along County B Road 4120 approximately 1.9 miles to the junction of County B Road 4230. Exit right and proceed in a northerly direction along County B Road 4230 approximately 0.9 miles to the junction of the Atchees Wash Road (County B Road 4240). Exit right and proceed in a northerly direction along County B Road 4240 approximately 2.7 miles to a Class D County Road. Exit left and proceed in a northwesterly direction approximately 1.4 miles to the Saddletree Draw Road (County B Road 4230); exit right and proceed in a northerly direction along County B Road 4230 approximately 0.8 miles to a service road; exit right and proceed in an easterly then northerly direction along the service road approximately 2.2 miles to the Acosta Federal #1 well pad, then proceed (continue north) an additional 1.25 mile to the proposed access road. Follow road flags in a westerly direction approximately 35 feet to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 76.5 miles in a southerly direction.

**2. Planned Access Roads:**

The proposed access road will be approximately 775 feet of new construction (ON-LEASE) and 5,890 feet of new construction (OFF-LEASE) on BLM lands. The balance of the access is the lease road to the Acosta Federal 1 Well. However, the County Road Class D Road will be improved and maintained to meet BLM requirements, if

needed. Please refer to Topo Map "B" for the takeoff point for the new road construction and the Class D County Road that will be improved.

**Enduring requests an off-lease road r-o-w across Section 3, T10S-R23E (BLM surface) herein as part of this APD.**

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:     |                          |
| b. | None: | Injection Wells: |                          |
| c. | (6):  | Producing Wells: |                          |
|    |       | i.               | Rock House 10D-32 (NWSE) |

- ii. Rock House 2D-32 (NWNE)
- iii. Rock House 12D-32 (NWSW)
- iv. Rock House 6D-32 (SENW)
- v. Rock House 3-32-10-23 (NENW)
- vi. Rock House 5-32-10-23 (SWNW)

**ALL in Section 32, T10S-R23E.**

- d. None: Drilling Wells:
- e. None: Shut-in Wells:
- f. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. None: Abandoned Wells:
- i. None: Dry Holes:
- j. None: Observation Wells:
- k. Various: Pending (staked) Wells:
  - i. Various wells staked by Enduring in Secs. 33 and 32, T10S-R23E.

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

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

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

Gas Gathering Pipeline:	ON-LEASE	65'	BLM
	OFF-LEASE	none'	*

\*A surface gas gathering pipeline is currently being permitted from the Rainbow 10-23-13-33 (NWSW of Sec 33-10S-23S) running south to the Acosta Federal No. 1 Well in the SWSW of Sec 3, T11S-R23W and this well(s)' gathering pipeline will tie-in to that surface 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 65 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- a. ON-LEASE approximately 65 feet, and
- b. OFF-LEASE approximately (-0-\*) feet,

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

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (due east), and tie-in directly to a surface gas gathering pipeline which is currently being permitted from the Rainbow 10-23-13-33 (NWSW of Sec 33-10S-23S) running south to the Acosta Federal No. 1 Well in the SWSW of Sec 3, T11S-R23W.

**An off-lease surface pipeline is requested herein for that same 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  $\frac{1}{4}$  felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

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

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

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

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

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

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

## **8. Ancillary Facilities:**

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

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

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

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

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

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

All pits shall be fence to the following minimum standards:

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

**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 October 27, 2005.

**Special Conditions of Approval:**

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Gathering Pipeline shall be 4" or less.

**Archeology:**

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

**Paleontology:**

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

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

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

**Representatives:**

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

Teme Singleton  
Vice President – Operations  
Enduring Resources, LLC  
475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202  
Office Tel: 303-350-5711  
Fax Tel: 303-573-0461  
[tsingleton@enduringresources.com](mailto:tsingleton@enduringresources.com)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his/her/its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her/its contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

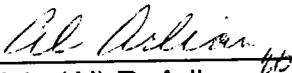
The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

**Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Enduring Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Please be advised that Enduring Resources, LLC is considered to be the operator of the Asphalt Wash 10-23-24-33; SWSW Section 33, Township 10S, Range 23E Surface: SESW Section 33, Township 10 South, Range 23 East BHL; Lease #:UTU-73451 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Statewide Oil & Gas Lease Bond No. UTB000173 and State of Utah, Division of Oil, Gas & Mining Surety Bond No. RLB0008031

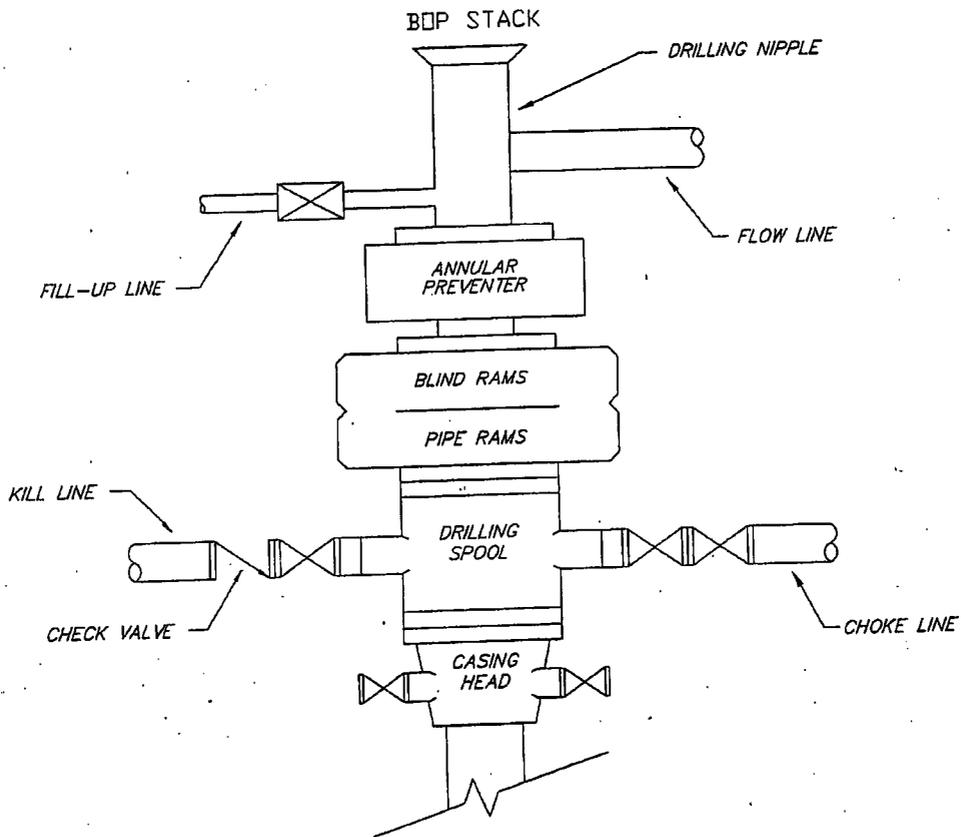
**ENDURING RESOURCES, LLC**

  
\_\_\_\_\_  
Alvin (Al) R. Arlian  
Landman – Regulatory Specialist

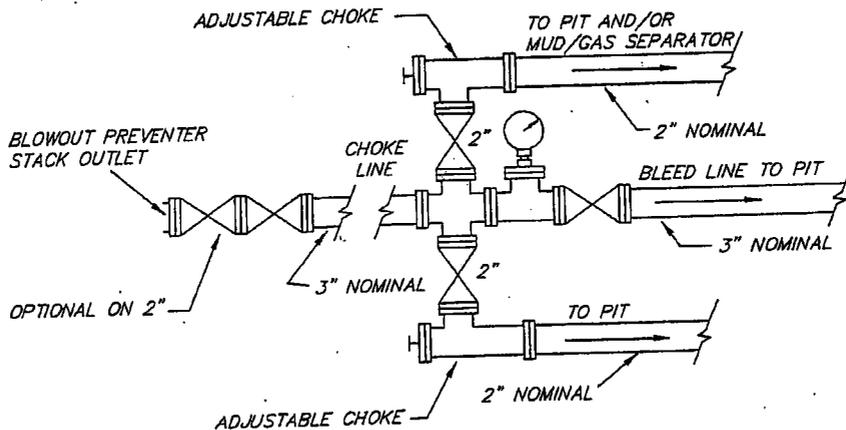
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August 1, 2006

# ENDURING RESOURCES, LLC

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



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





**ENDURING RESOURCES**  
**Asphalt Wash 10-23-24-33**  
**SW/SW Sec. 33, T10S, R23E**  
**Uintah County, Utah**



**Weatherford**

**SECTION DETAILS**

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	89.43	0.00	0.00	0.00	0.00	0.00	0.00	
2	2050.00	0.00	89.43	2050.00	0.00	0.00	0.00	0.00	0.00	KOP
3	2998.74	28.46	89.43	2960.19	2.30	230.83	3.00	89.43	230.84	End Build
4	4675.97	28.46	89.43	4434.71	10.25	1030.12	0.00	0.00	1030.17	Start Drop
5	6099.07	0.00	89.43	5800.00	13.69	1376.36	2.00	180.00	1376.43	End Drop
6	8202.07	0.00	89.43	7903.00	13.69	1376.36	0.00	89.43	1376.43	TD



RKB Elevation: 5824.9  
 Ground Elevation: 5810.9

WELL DETAILS							
Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
Asphalt Wash 10-23-24-33	0.00	0.00	7139621.52	2246579.46	39°53'59.860N	109°20'20.870W	N/A

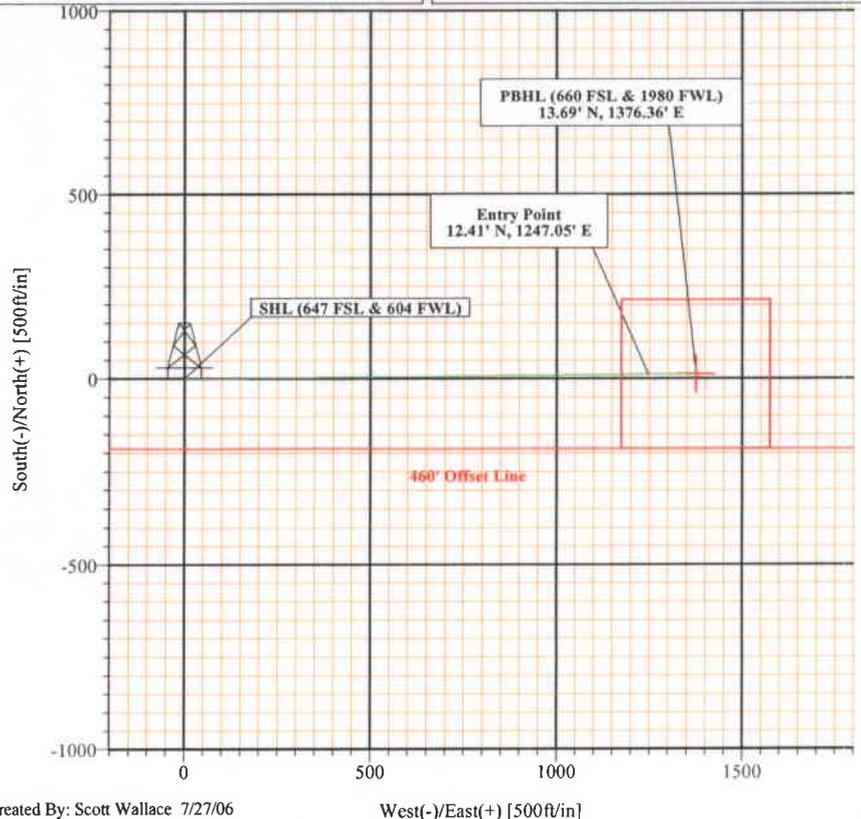
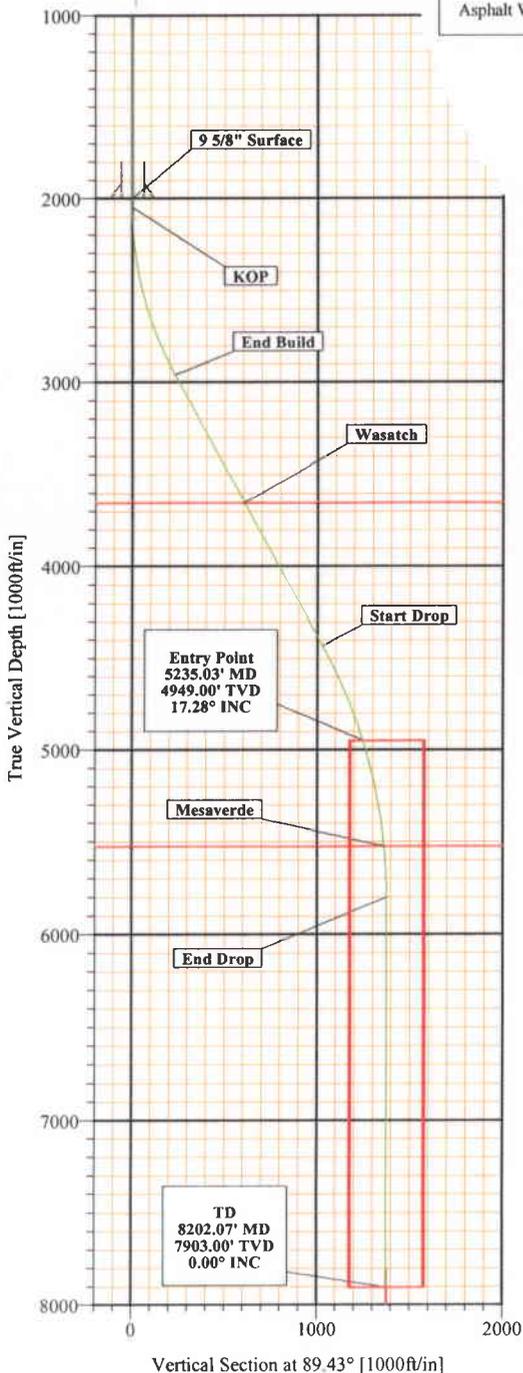
**FIELD DETAILS**  
 Uintah, Utah  
 Utah Central Zone  
 U.S.A.  
 Geodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Central Zone  
 Magnetic Model: igr2005  
 System Datum: Mean Sea Level  
 Local North: True North

**SITE DETAILS**  
 SW/SW 33-10S-23E  
 Sec. 33, T10S, R23E, Uintah County, Utah  
 647 FSL & 604 FWL  
 Site Centre Latitude: 39°53'59.860N  
 Longitude: 109°20'20.870W  
 Ground Level: 5810.90  
 Positional Uncertainty: 0.00  
 Convergence: 1.38

TARGET DETAILS					
Name	TVD	+N-S	+E-W	Shape	
10-23-24-33 Target	7903.00	13.69	1376.36	Rectangle (400x400)	

CASING DETAILS				
No.	TVD	MD	Name	Size
1	2000.00	2000.00	9 5/8" Surface	9.625

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	605.00	605.00	Green River
2	3649.00	3782.24	Wasatch
3	5525.00	5823.65	Mesaverde



Created By: Scott Wallace 7/27/06

West(-)/East(+) [500ft/in]



# Weatherford International Planning Report

<b>Company:</b> Enduring Resources	<b>Date:</b> 7/27/2006	<b>Time:</b> 10:48:35	<b>Page:</b> 2
<b>Field:</b> Uintah, Utah	<b>Co-ordinate(NE) Reference:</b> Well: Asphalt Wash 10-23-24-33		
<b>Site:</b> SW/SW 33-10S-23E	<b>Vertical (TVD) Reference:</b> SITE 5824.9		
<b>Well:</b> Asphalt Wash 10-23-24-33	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,89.43Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b> Plan #1		

**Section 2 : Start Build 3.00**

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO

**Section 3 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3000.00	28.46	89.43	2961.31	2.30	231.43	231.44	0.00	0.00	0.00	0.00
3100.00	28.46	89.43	3049.22	2.78	279.09	279.10	0.00	0.00	0.00	0.00
3200.00	28.46	89.43	3137.13	3.25	326.74	326.76	0.00	0.00	0.00	0.00
3300.00	28.46	89.43	3225.05	3.72	374.40	374.41	0.00	0.00	0.00	0.00
3400.00	28.46	89.43	3312.96	4.20	422.05	422.07	0.00	0.00	0.00	0.00
3500.00	28.46	89.43	3400.87	4.67	469.71	469.73	0.00	0.00	0.00	0.00
3600.00	28.46	89.43	3488.79	5.15	517.36	517.39	0.00	0.00	0.00	0.00
3700.00	28.46	89.43	3576.70	5.62	565.02	565.05	0.00	0.00	0.00	0.00
3782.24	28.46	89.43	3649.00	6.01	604.21	604.24	0.00	0.00	0.00	0.00
3800.00	28.46	89.43	3664.61	6.10	612.67	612.70	0.00	0.00	0.00	0.00
3900.00	28.46	89.43	3752.53	6.57	660.33	660.36	0.00	0.00	0.00	0.00
4000.00	28.46	89.43	3840.44	7.04	707.98	708.02	0.00	0.00	0.00	0.00
4100.00	28.46	89.43	3928.35	7.52	755.64	755.68	0.00	0.00	0.00	0.00
4200.00	28.46	89.43	4016.27	7.99	803.29	803.33	0.00	0.00	0.00	0.00
4300.00	28.46	89.43	4104.18	8.47	850.95	850.99	0.00	0.00	0.00	0.00
4400.00	28.46	89.43	4192.09	8.94	898.60	898.65	0.00	0.00	0.00	0.00
4500.00	28.46	89.43	4280.01	9.41	946.26	946.31	0.00	0.00	0.00	0.00
4600.00	28.46	89.43	4367.92	9.89	993.92	993.96	0.00	0.00	0.00	0.00
4675.97	28.46	89.43	4434.71	10.25	1030.12	1030.17	0.00	0.00	0.00	0.00

**Section 4 : Start Drop -2.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4700.00	27.98	89.43	4455.88	10.36	1041.48	1041.53	2.00	-2.00	0.00	180.00
4800.00	25.98	89.43	4544.99	10.81	1086.85	1086.90	2.00	-2.00	0.00	180.00
4900.00	23.98	89.43	4635.63	11.23	1129.08	1129.13	2.00	-2.00	0.00	180.00
5000.00	21.98	89.43	4727.69	11.62	1168.12	1168.17	2.00	-2.00	0.00	180.00
5100.00	19.98	89.43	4821.05	11.98	1203.92	1203.98	2.00	-2.00	0.00	180.00
5200.00	17.98	89.43	4915.61	12.30	1236.44	1236.50	2.00	-2.00	0.00	180.00
5235.03	17.28	89.43	4949.00	12.41	1247.05	1247.11	2.00	-2.00	0.00	180.00
5300.00	15.98	89.43	5011.25	12.59	1265.65	1265.71	2.00	-2.00	0.00	-180.00
5400.00	13.98	89.43	5107.84	12.85	1291.49	1291.56	2.00	-2.00	0.00	180.00
5500.00	11.98	89.43	5205.28	13.07	1313.95	1314.02	2.00	-2.00	0.00	180.00
5600.00	9.98	89.43	5303.45	13.26	1333.00	1333.07	2.00	-2.00	0.00	180.00
5700.00	7.98	89.43	5402.21	13.42	1348.61	1348.68	2.00	-2.00	0.00	180.00
5800.00	5.98	89.43	5501.47	13.54	1360.77	1360.83	2.00	-2.00	0.00	180.00
5823.65	5.51	89.43	5525.00	13.56	1363.13	1363.20	2.00	-2.00	0.00	180.00
5900.00	3.98	89.43	5601.09	13.62	1369.45	1369.52	2.00	-2.00	0.00	-180.00
6000.00	1.98	89.43	5700.94	13.68	1374.65	1374.72	2.00	-2.00	0.00	180.00
6099.07	0.00	89.43	5800.00	13.69	1376.36	1376.43	2.00	-2.00	0.00	-180.00

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6100.00	0.00	89.43	5800.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6200.00	0.00	89.43	5900.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6300.00	0.00	89.43	6000.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6400.00	0.00	89.43	6100.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6500.00	0.00	89.43	6200.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6600.00	0.00	89.43	6300.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6700.00	0.00	89.43	6400.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6800.00	0.00	89.43	6500.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
6900.00	0.00	89.43	6600.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7000.00	0.00	89.43	6700.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7100.00	0.00	89.43	6800.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7200.00	0.00	89.43	6900.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43

# Weatherford International Planning Report

<b>Company:</b> Enduring Resources	<b>Date:</b> 7/27/2006	<b>Time:</b> 10:48:35	<b>Page:</b> 3
<b>Field:</b> Uintah, Utah	<b>Co-ordinate(NE) Reference:</b> Well: Asphalt Wash 10-23-24-33		
<b>Site:</b> SW/SW 33-10S-23E	<b>Vertical (TVD) Reference:</b> SITE 5824.9		
<b>Well:</b> Asphalt Wash 10-23-24-33	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,89.43Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b>	Plan #1	

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7300.00	0.00	89.43	7000.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7400.00	0.00	89.43	7100.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7500.00	0.00	89.43	7200.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7600.00	0.00	89.43	7300.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7700.00	0.00	89.43	7400.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7800.00	0.00	89.43	7500.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
7900.00	0.00	89.43	7600.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
8000.00	0.00	89.43	7700.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
8100.00	0.00	89.43	7800.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
8200.00	0.00	89.43	7900.93	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43
8202.07	0.00	89.43	7903.00	13.69	1376.36	1376.43	0.00	0.00	0.00	89.43

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2000.00	0.00	89.43	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	9 5/8" Surface
2050.00	0.00	89.43	2050.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	1.50	89.43	2099.99	0.01	0.65	0.65	3.00	3.00	0.00	MWD
2200.00	4.50	89.43	2199.85	0.06	5.89	5.89	3.00	3.00	0.00	MWD
2300.00	7.50	89.43	2299.29	0.16	16.34	16.34	3.00	3.00	0.00	MWD
2400.00	10.50	89.43	2398.04	0.32	31.98	31.98	3.00	3.00	0.00	MWD
2500.00	13.50	89.43	2495.85	0.52	52.77	52.77	3.00	3.00	0.00	MWD
2600.00	16.50	89.43	2592.43	0.78	78.64	78.65	3.00	3.00	0.00	MWD
2700.00	19.50	89.43	2687.52	1.09	109.54	109.55	3.00	3.00	0.00	MWD
2800.00	22.50	89.43	2780.87	1.45	145.37	145.38	3.00	3.00	0.00	MWD
2900.00	25.50	89.43	2872.22	1.85	186.04	186.05	3.00	3.00	0.00	MWD
2998.74	28.46	89.43	2960.19	2.30	230.83	230.84	3.00	3.00	0.00	End Build
3000.00	28.46	89.43	2961.31	2.30	231.43	231.44	0.00	0.00	0.00	MWD
3100.00	28.46	89.43	3049.22	2.78	279.09	279.10	0.00	0.00	0.00	MWD
3200.00	28.46	89.43	3137.13	3.25	326.74	326.76	0.00	0.00	0.00	MWD
3300.00	28.46	89.43	3225.05	3.72	374.40	374.41	0.00	0.00	0.00	MWD
3400.00	28.46	89.43	3312.96	4.20	422.05	422.07	0.00	0.00	0.00	MWD
3500.00	28.46	89.43	3400.87	4.67	469.71	469.73	0.00	0.00	0.00	MWD
3600.00	28.46	89.43	3488.79	5.15	517.36	517.39	0.00	0.00	0.00	MWD
3700.00	28.46	89.43	3576.70	5.62	565.02	565.05	0.00	0.00	0.00	MWD
3782.24	28.46	89.43	3649.00	6.01	604.21	604.24	0.00	0.00	0.00	Wasatch
3800.00	28.46	89.43	3664.61	6.10	612.67	612.70	0.00	0.00	0.00	MWD
3900.00	28.46	89.43	3752.53	6.57	660.33	660.36	0.00	0.00	0.00	MWD
4000.00	28.46	89.43	3840.44	7.04	707.98	708.02	0.00	0.00	0.00	MWD
4100.00	28.46	89.43	3928.35	7.52	755.64	755.68	0.00	0.00	0.00	MWD
4200.00	28.46	89.43	4016.27	7.99	803.29	803.33	0.00	0.00	0.00	MWD
4300.00	28.46	89.43	4104.18	8.47	850.95	850.99	0.00	0.00	0.00	MWD
4400.00	28.46	89.43	4192.09	8.94	898.60	898.65	0.00	0.00	0.00	MWD
4500.00	28.46	89.43	4280.01	9.41	946.26	946.31	0.00	0.00	0.00	MWD
4600.00	28.46	89.43	4367.92	9.89	993.92	993.96	0.00	0.00	0.00	MWD
4675.97	28.46	89.43	4434.71	10.25	1030.12	1030.17	0.00	0.00	0.00	Start Drop
4700.00	27.98	89.43	4455.88	10.36	1041.48	1041.53	2.00	-2.00	0.00	MWD
4800.00	25.98	89.43	4544.99	10.81	1086.85	1086.90	2.00	-2.00	0.00	MWD
4900.00	23.98	89.43	4635.63	11.23	1129.08	1129.13	2.00	-2.00	0.00	MWD
5000.00	21.98	89.43	4727.69	11.62	1168.12	1168.17	2.00	-2.00	0.00	MWD
5100.00	19.98	89.43	4821.05	11.98	1203.92	1203.98	2.00	-2.00	0.00	MWD
5200.00	17.98	89.43	4915.61	12.30	1236.44	1236.50	2.00	-2.00	0.00	MWD
5235.03	17.28	89.43	4949.00	12.41	1247.05	1247.11	2.00	-2.00	0.00	Entry Point
5300.00	15.98	89.43	5011.25	12.59	1265.65	1265.71	2.00	-2.00	0.00	MWD
5400.00	13.98	89.43	5107.84	12.85	1291.49	1291.56	2.00	-2.00	0.00	MWD

# Weatherford International Planning Report

<b>Company:</b> Enduring Resources <b>Field:</b> Uintah, Utah <b>Site:</b> SW/SW 33-10S-23E <b>Well:</b> Asphalt Wash 10-23-24-33 <b>Wellpath:</b> 1	<b>Date:</b> 7/27/2006 <b>Co-ordinate(NE) Reference:</b> Well: Asphalt Wash 10-23-24-33 <b>Vertical (TVD) Reference:</b> SITE 5824.9 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,89.43Azi) <b>Plan:</b>	<b>Time:</b> 10:48:35 <b>Well:</b> Asphalt Wash 10-23-24-33 <b>SITE:</b> 5824.9 <b>Well (0.00N,0.00E,89.43Azi)</b> <b>Plan #1</b>	<b>Page:</b> 4
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### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5500.00	11.98	89.43	5205.28	13.07	1313.95	1314.02	2.00	-2.00	0.00	MWD
5600.00	9.98	89.43	5303.45	13.26	1333.00	1333.07	2.00	-2.00	0.00	MWD
5700.00	7.98	89.43	5402.21	13.42	1348.61	1348.68	2.00	-2.00	0.00	MWD
5800.00	5.98	89.43	5501.47	13.54	1360.77	1360.83	2.00	-2.00	0.00	MWD
5823.65	5.51	89.43	5525.00	13.56	1363.13	1363.20	2.00	-2.00	0.00	Mesaverde
5900.00	3.98	89.43	5601.09	13.62	1369.45	1369.52	2.00	-2.00	0.00	MWD
6000.00	1.98	89.43	5700.94	13.68	1374.65	1374.72	2.00	-2.00	0.00	MWD
6099.07	0.00	89.43	5800.00	13.69	1376.36	1376.43	2.00	-2.00	0.00	End Drop
6100.00	0.00	89.43	5800.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6200.00	0.00	89.43	5900.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6300.00	0.00	89.43	6000.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6400.00	0.00	89.43	6100.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6500.00	0.00	89.43	6200.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6600.00	0.00	89.43	6300.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6700.00	0.00	89.43	6400.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6800.00	0.00	89.43	6500.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
6900.00	0.00	89.43	6600.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7000.00	0.00	89.43	6700.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7100.00	0.00	89.43	6800.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7200.00	0.00	89.43	6900.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7300.00	0.00	89.43	7000.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7400.00	0.00	89.43	7100.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7500.00	0.00	89.43	7200.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7600.00	0.00	89.43	7300.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7700.00	0.00	89.43	7400.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7800.00	0.00	89.43	7500.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
7900.00	0.00	89.43	7600.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
8000.00	0.00	89.43	7700.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
8100.00	0.00	89.43	7800.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
8200.00	0.00	89.43	7900.93	13.69	1376.36	1376.43	0.00	0.00	0.00	MWD
8202.07	0.00	89.43	7903.00	13.69	1376.36	1376.43	0.00	0.00	0.00	10-23-24-33 Target

### Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →		← Longitude →					
								Deg	Min	Sec	Deg	Min	Sec		
10-23-24-33 Target	-Rectangle (400x400)		7903.00	13.69	1376.36	7139668.46	2247955.09	39	53	59.995	N	109	20	3.208	W
	-Plan hit target														

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2000.00	2000.00	9.625	12.250	9 5/8" Surface

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
605.00	605.00	Green River		0.00	0.00
3782.24	3649.00	Wasatch		0.00	0.00
5823.65	5525.00	Mesaverde		0.00	0.00

# Weatherford International Planning Report

<b>Company:</b> Enduring Resources	<b>Date:</b> 7/27/2006	<b>Time:</b> 10:48:35	<b>Page:</b> 5
<b>Field:</b> Uintah, Utah	<b>Co-ordinate(NE) Reference:</b> Well: Asphalt Wash 10-23-24-33		
<b>Site:</b> SW/SW 33-10S-23E	<b>Vertical (TVD) Reference:</b> SITE 5824.9		
<b>Well:</b> Asphalt Wash 10-23-24-33	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,89.43Azi)		
<b>Wellpath:</b> 1	<b>Plan:</b> Plan #1		

## Annotation

MD ft	TVD ft	
		SHL (647 FSL & 604 FWL)
2050.00	2050.00	KOP
2998.74	2960.20	End Build
4675.97	4434.71	Start Drop
5235.03	4949.00	Entry Point
6099.07	5800.00	End Drop
8202.07	7903.00	TD

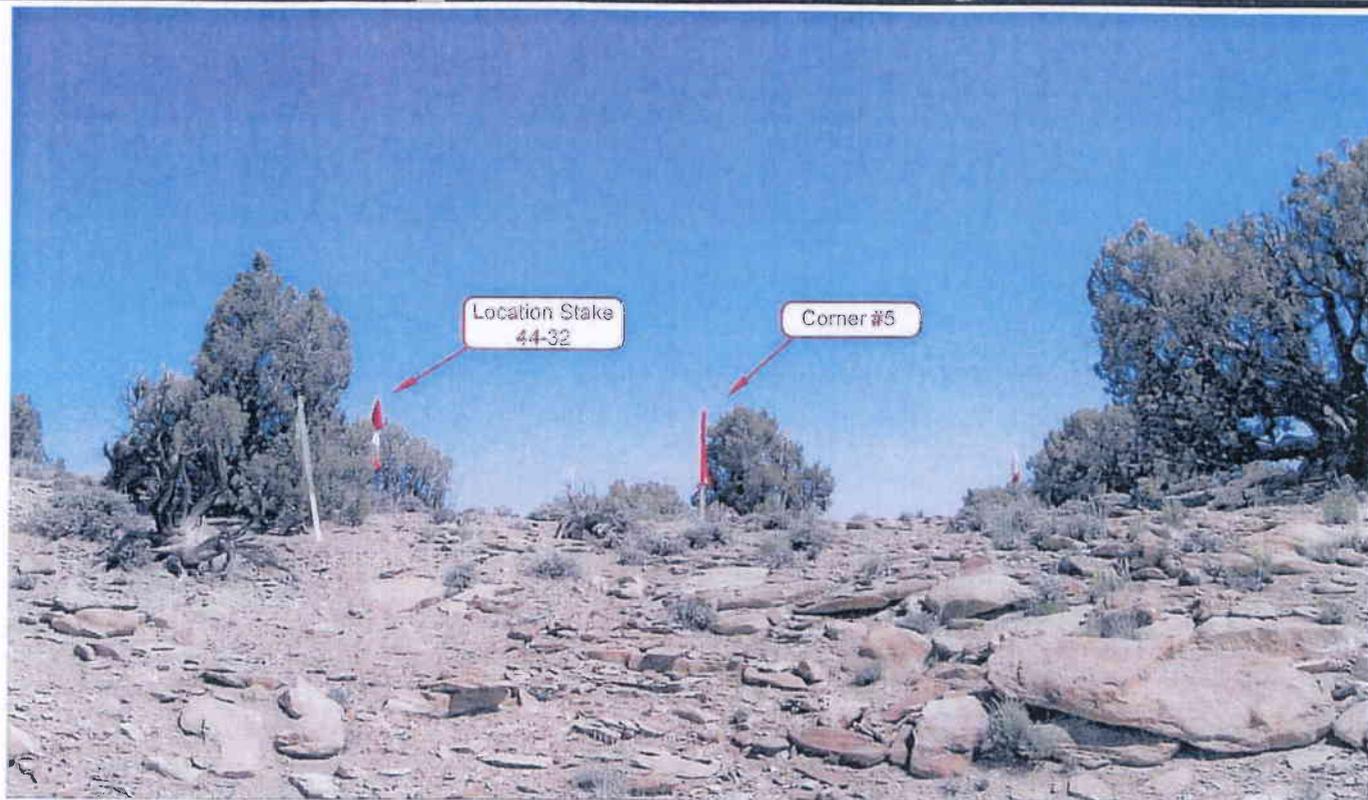


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

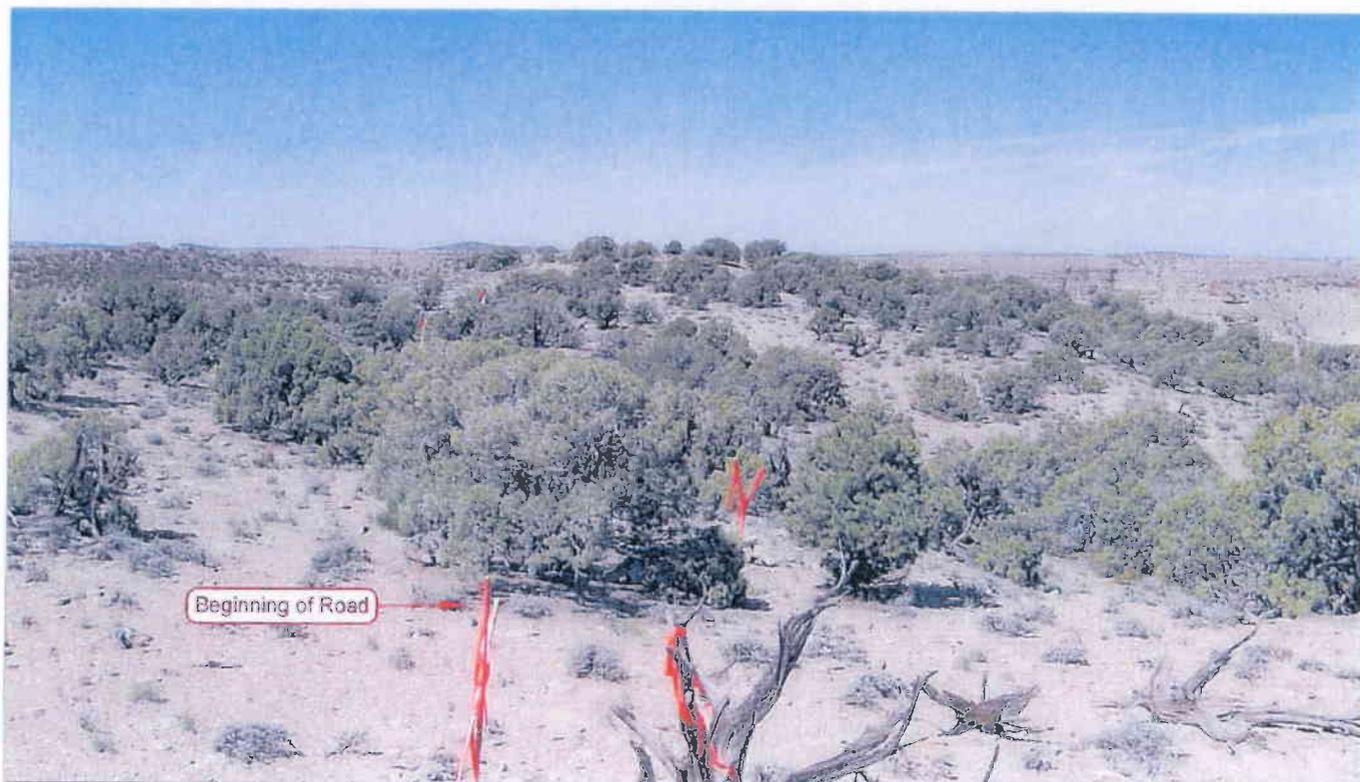


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: WESTERLY

**ENDURING RESOURCES**

**Asphalt Wash 10-23-14-33, Asphalt Wash  
10-23-24-34 & Asphalt Wash 10-23-44-32  
SECTION 33, T10S, R23E, S.L.B.&M.  
33**

**LOCATION PHOTOS**

TAKEN BY: K.R.K.

DRAWN BY: T.D.H.

DATE TAKEN: 06-11-05

DATE DRAWN: 05-10-05

REVISED: 10-25-05 J.R.S.

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

SHEET  
1  
OF 11

# ENDURING RESOURCES

## WELL PAD INTERFERENCE PLAT ASPHALT WASH 10-23-14-33, ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32



### SURFACE POSITION FOOTAGES:

ASPHALT WASH 10-23-44-32  
 640' FSL 554' FWL

ASPHALT WASH 10-23-14-33  
 644' FSL 579' FWL

ASPHALT WASH 10-23-24-33  
 617' FSL 604' FWL

### BOTTOM HOLE FOOTAGES

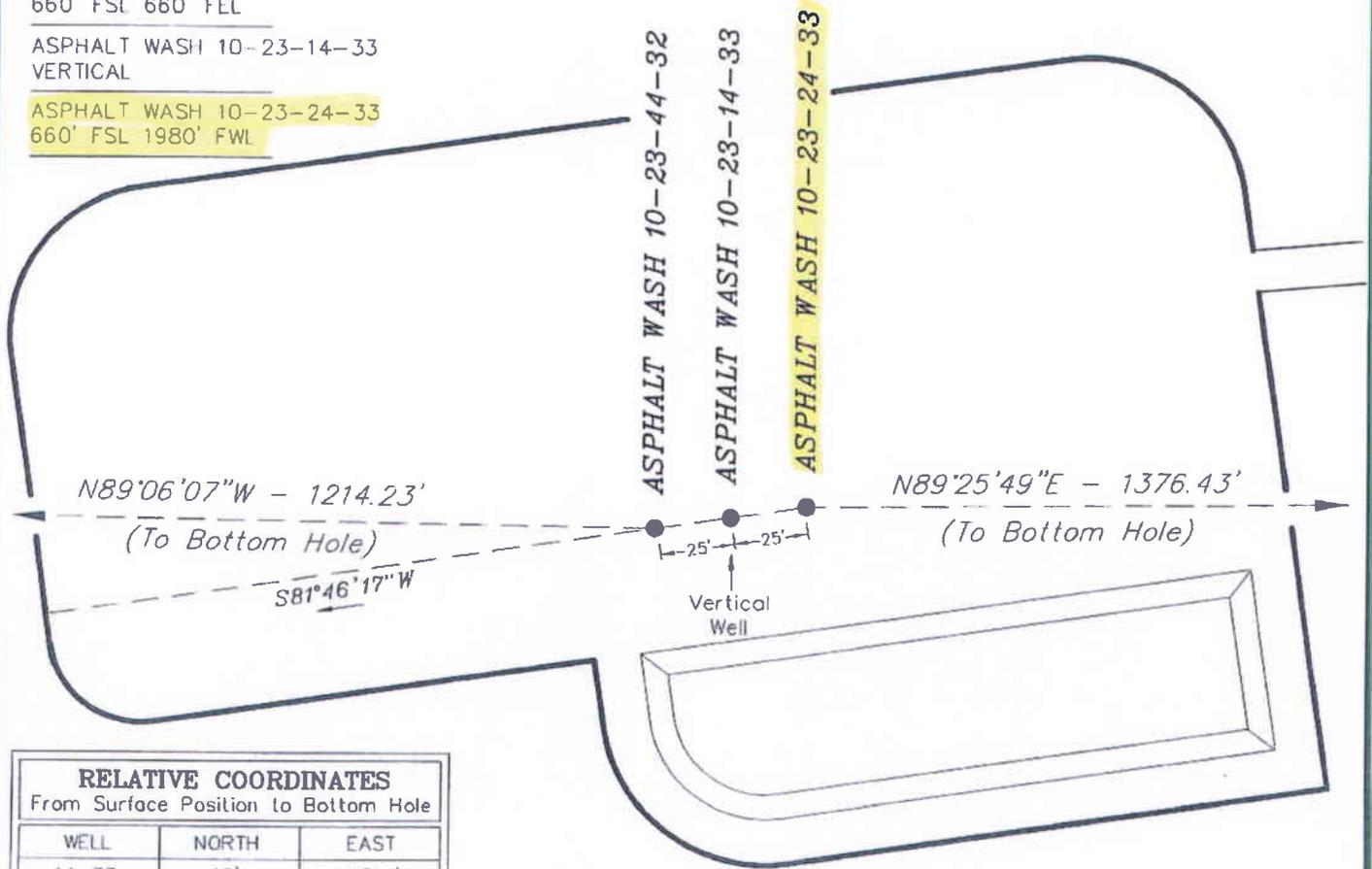
ASPHALT WASH 10-23-44-32  
 660' FSL 660' FEL

ASPHALT WASH 10-23-14-33  
 VERTICAL

ASPHALT WASH 10-23-24-33  
 660' FSL 1980' FWL

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

PROPOSED GRADED GROUND  
 ELEVATION OF PAD IS 5808.9'



RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
44-32	19'	-1,214'
14-33	VERTICAL	
24-33	14'	1,376'

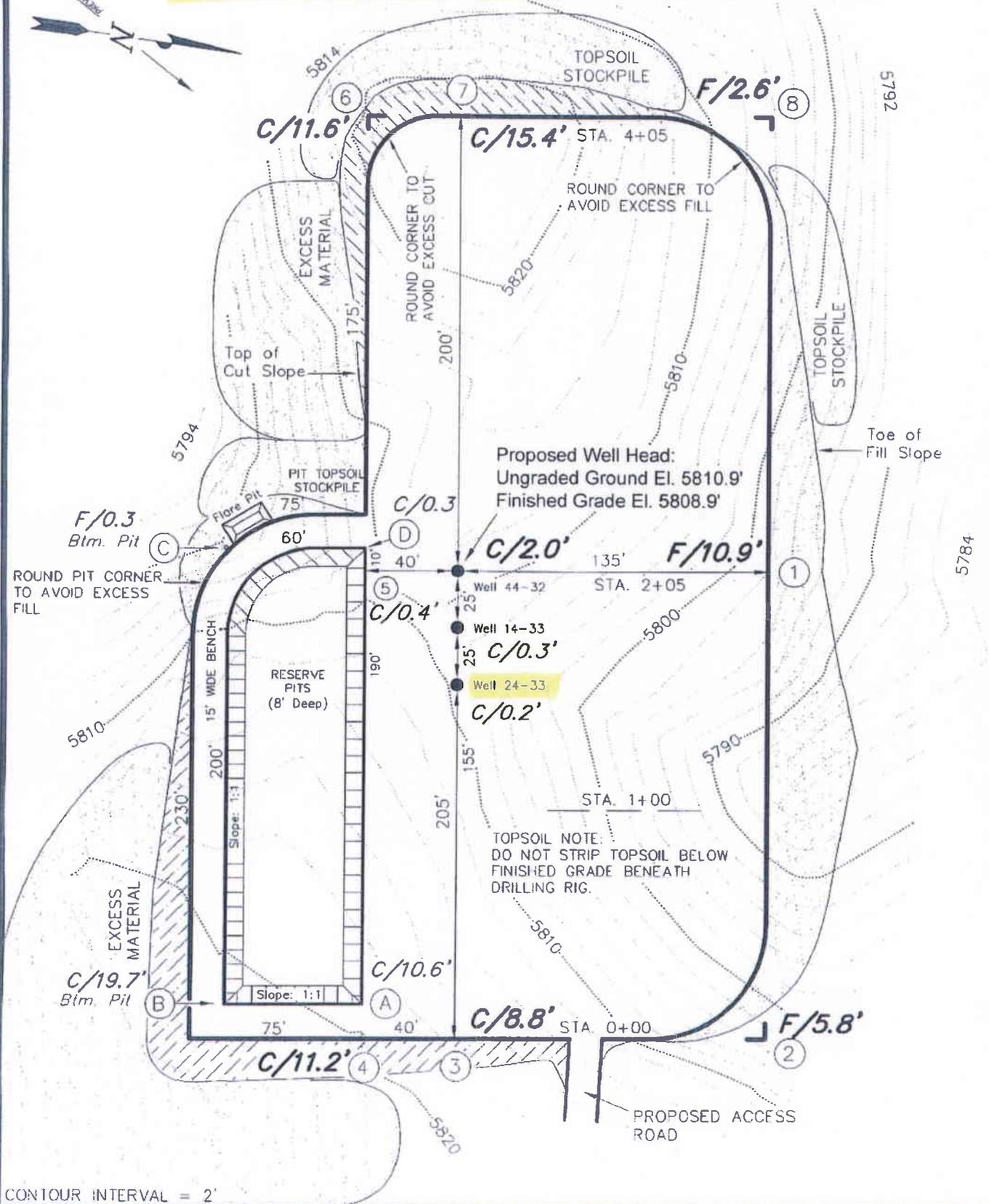
BASIS OF BEARINGS IS THE SOUTH LINE OF THE SE 1/4 OF SECTION 33, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR S89°59'44\"/>

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
44-32	39°53'59.79"	109°20'21.51"
14-33	39°53'59.82"	109°20'21.19"
24-33	39°53'59.86"	109°20'20.87"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
44-32	39°53'59.98"	109°20'37.08"
14-33	VERTICAL	
24-33	39°53'59.99"	109°20'03.22"

# ENDURING RESOURCES

**CUT SHEET - ASPHALT WASH 10-23-14-33,  
ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32**



**Proposed Well Head:**  
Ungraded Ground El. 5810.9'  
Finished Grade El. 5808.9'

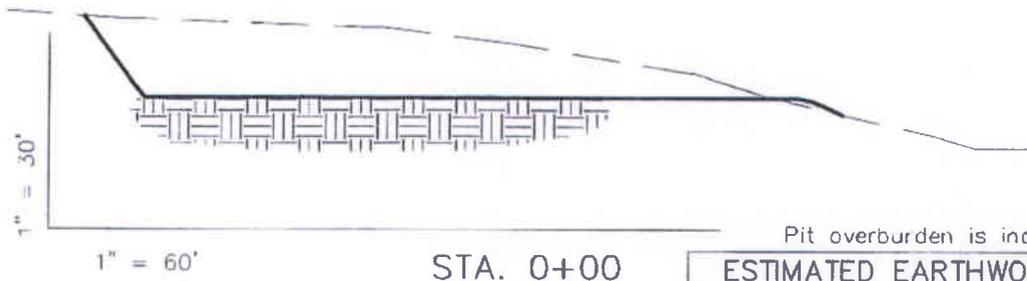
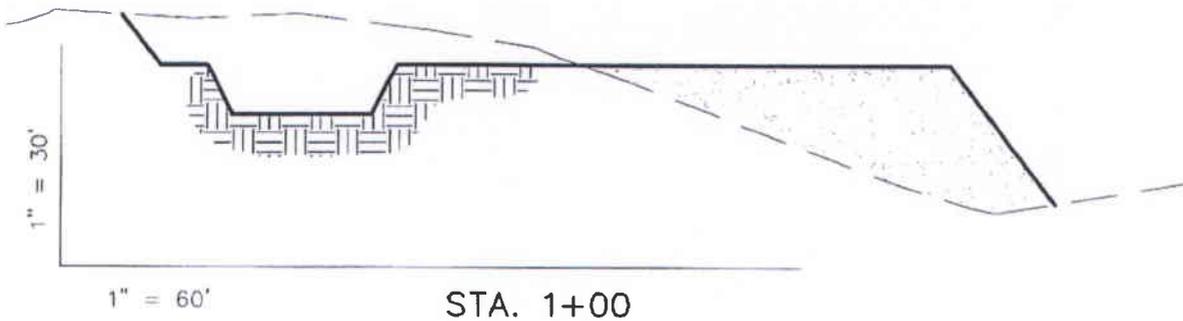
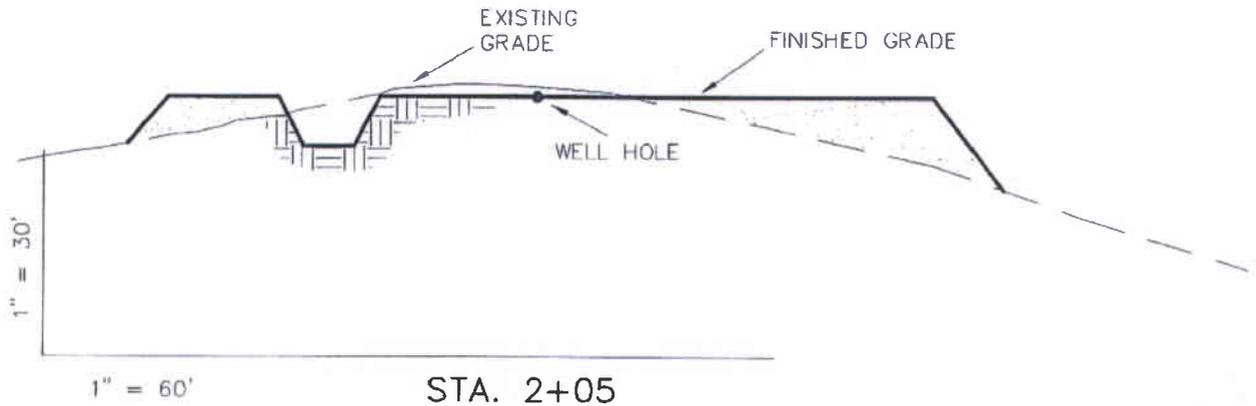
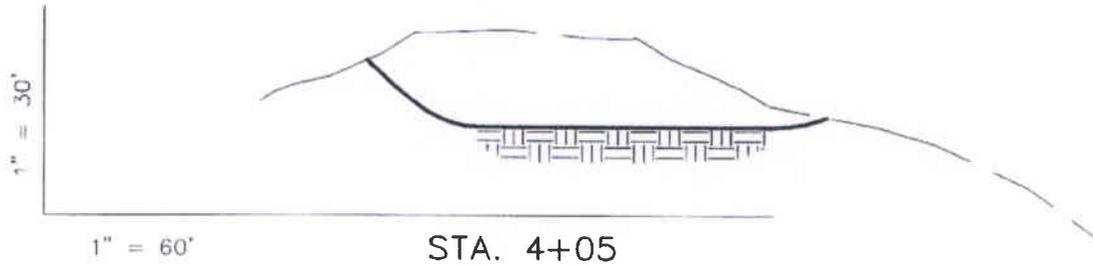
**TOPSOIL NOTE:**  
DO NOT STRIP TOPSOIL BELOW  
FINISHED GRADE BENEATH  
DRILLING RIG.

CONTOUR INTERVAL = 2'

Section 33, T10S, R23E, S.L.B.&M.		Qtr/Otr Location: SW SW	Footage Location: 644' FSL 579' FWL
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <b>Land Surveying, Inc.</b> 36 WEST 100 NORTH VERNAL, UTAH 84076
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'	
			<b>SHEET</b> <span style="font-size: 2em;">4</span> <b>OF 11</b>

# ENDURING RESOURCES

**CROSS SECTIONS - ASPHALT WASH 10-23-14-33,  
 ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32**



Pit overburden is included in pad cut.

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	15,390	11,280	Topsail is not included in Pad Cut	4,110
PIT	2,880	0		2,880
<b>TOTALS</b>	<b>18,270</b>	<b>11,280</b>	<b>1,630</b>	<b>6,990</b>

Excess Material after Pit Rehabilitation = 5,550 Cu. Yds.

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

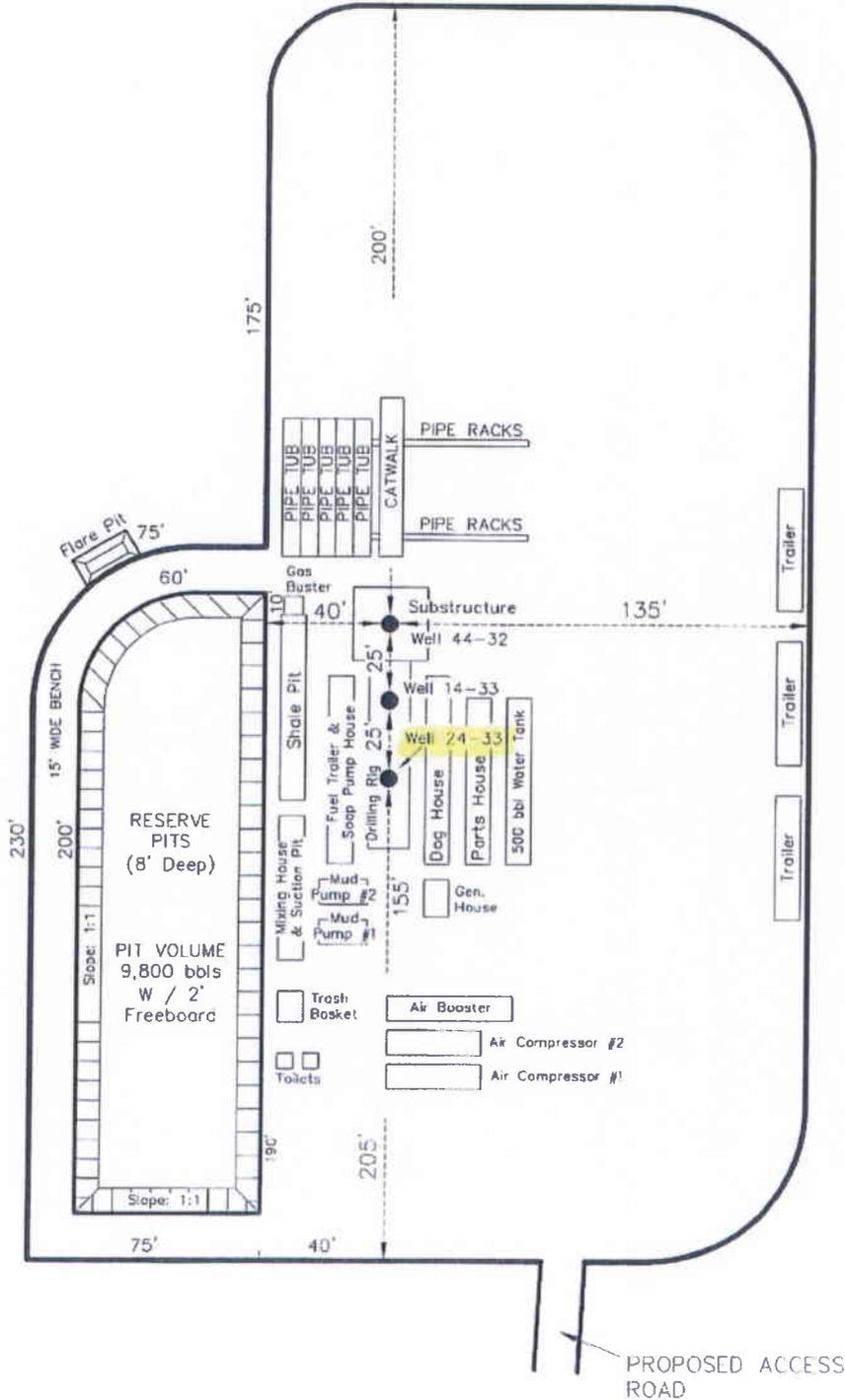
**REFERENCE POINTS**

225' Westerly 5817.1'  
 270' Westerly 5807.3'

Section 33, T10S, R23E, S.L.B. & M.		Qtr/Qtr Location: SW SW		Footage Location: 644' FSL 579' FWL	
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:		<b>Timberline</b> (435) 789-1365 <b>Land Surveying, Inc.</b> 35 WEST 100 NORTH VERNAL, UTAH 84078	
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'			
				<b>SHEET</b>	<b>5</b>
				<b>OF 11</b>	

# ENDURING RESOURCES

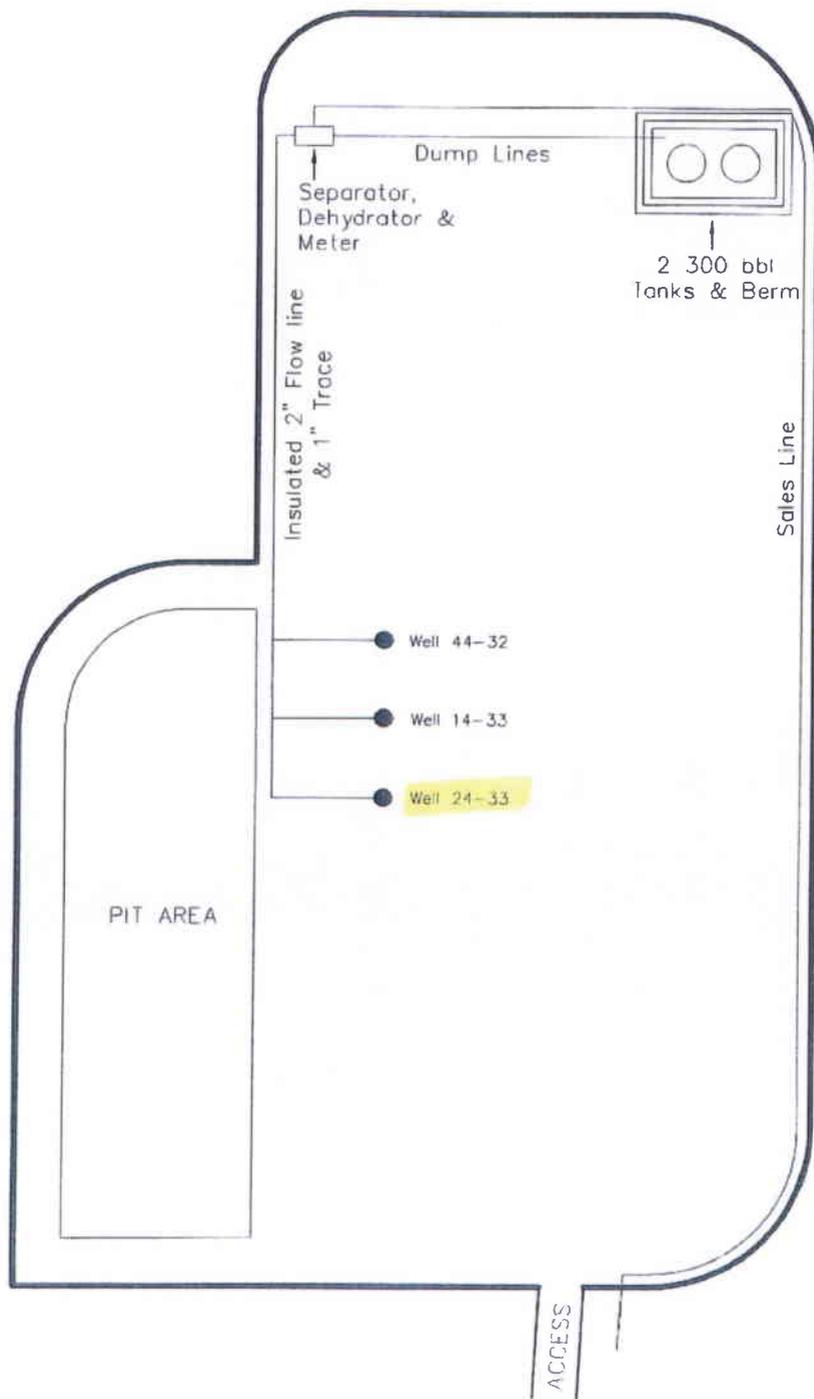
**TYPICAL RIG LAYOUT - ASPHALT WASH 10-23-14-33,  
 ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32**



Section 33, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW SW	Footage Location: 644' FSL 579' FWL
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'	
			SHEET <span style="font-size: 2em; font-weight: bold;">6</span> OF 11

# ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT - ASPHALT WASH 10-23-14-33,  
 ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32



Section 33, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW SW	Footage Location: 644' FSL 579' FWL
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 58 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'	



**LEGEND**

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

**TOPOGRAPHIC MAP "A"**

SCALE: 1"=10,000'

DRAWN BY: T.D.H

DATE SURVEYED: 05-11-05

DATE DRAWN: 06-10-05

REVISED: 10-25-05 J.R.S.

**ENDURING RESOURCES**

**Asphalt Wash 10-23-14-33, Asphalt Wash 10-23-24-33 & Asphalt Wash 10-23-44-32 SECTION 33, T10S, R23E, S.L.B.&M.**

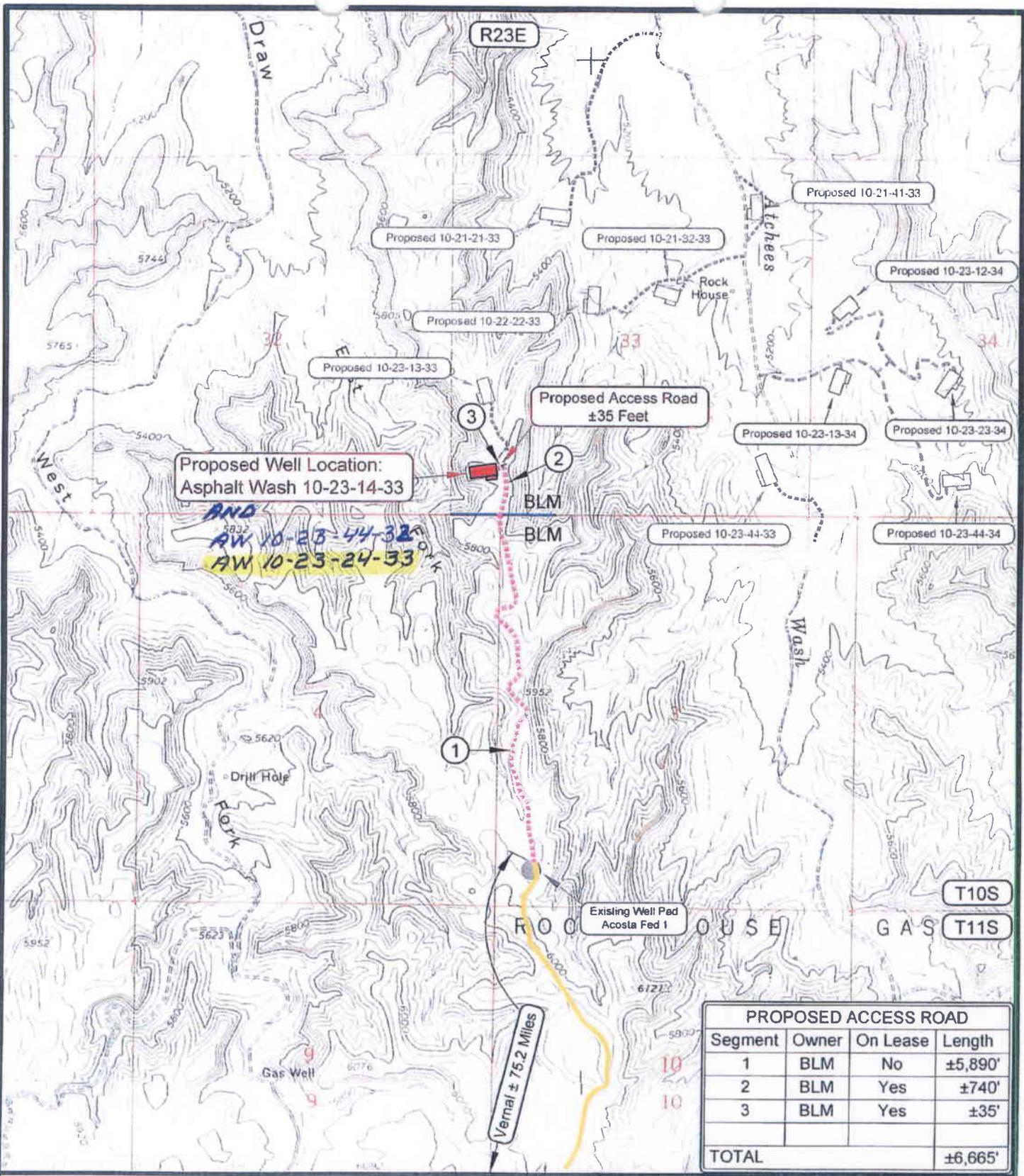
**Timberline Land Surveying, Inc.**

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

**SHEET**

**8**

**OF 11**



Proposed Well Location:  
Asphalt Wash 10-23-14-33  
*AND*  
*AW 10-23-44-32*  
*AW 10-23-24-33*

PROPOSED ACCESS ROAD			
Segment	Owner	On Lease	Length
1	BLM	No	±5,890'
2	BLM	Yes	±740'
3	BLM	Yes	±35'
TOTAL			±6,665'

**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = SHARED ACCESS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-546D) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

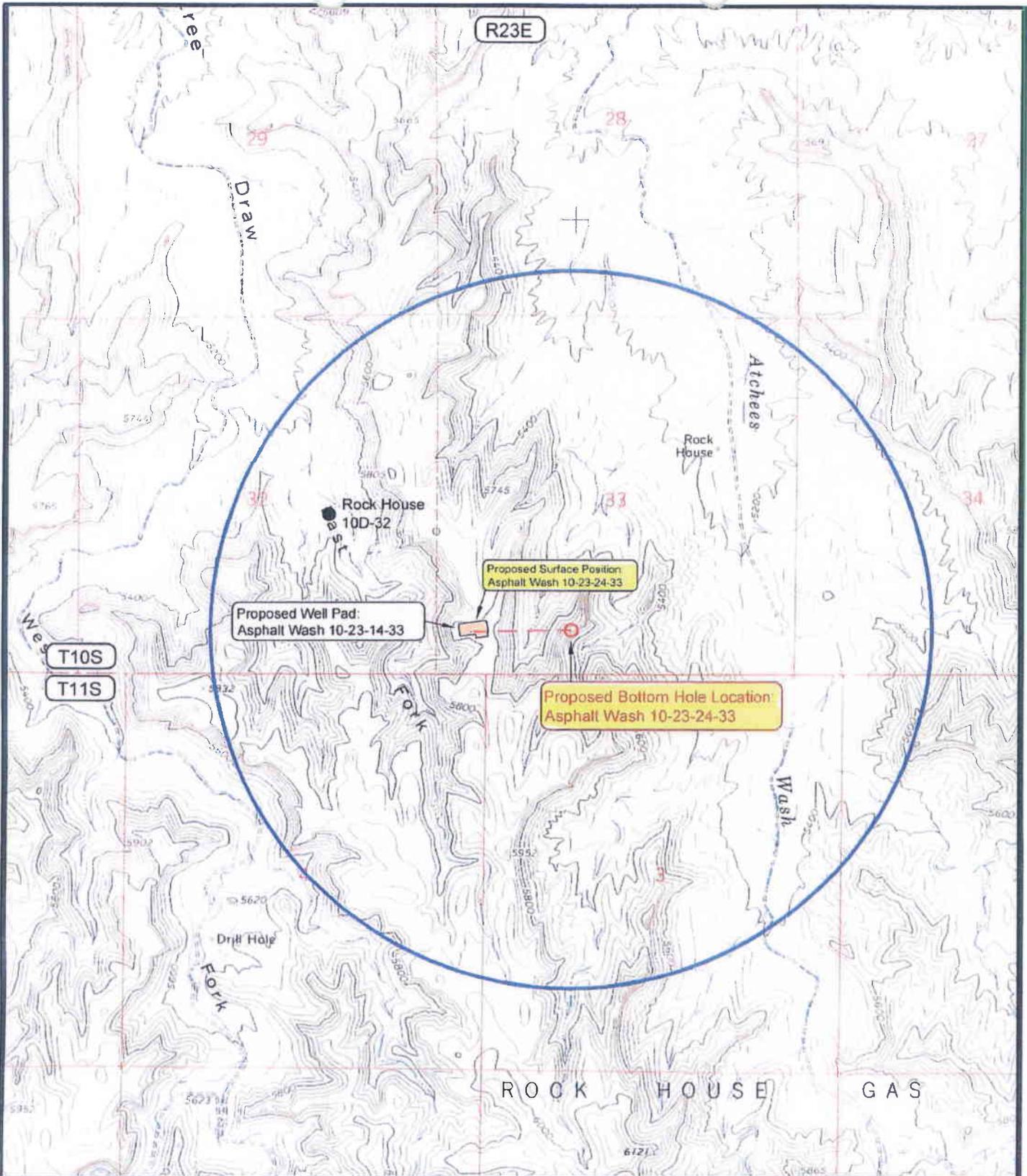
**ENDURING RESOURCES**

**Asphalt Wash 10-23-14-33, Asphalt Wash 10-23-24-33 & Asphalt Wash 10-23-44-32**  
**SECTION 33 , T10S, R23E, S.L.B.&M.**

**TOPOGRAPHIC MAP "B"**  
SCALE: 1" = 2000'  
DATE SURVEYED: 05-11-05  
DATE DRAWN: 06-07-05  
DRAWN BY: T.D.H.  
REVISED: 10-25-05 J.R.S.

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

**SHEET 9 OF 11**



**LEGEND**

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

**TOPOGRAPHIC MAP "C"**

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

DATE SURVEYED: 05-11-05

DATE DRAWN 06-13-05

REVISED:

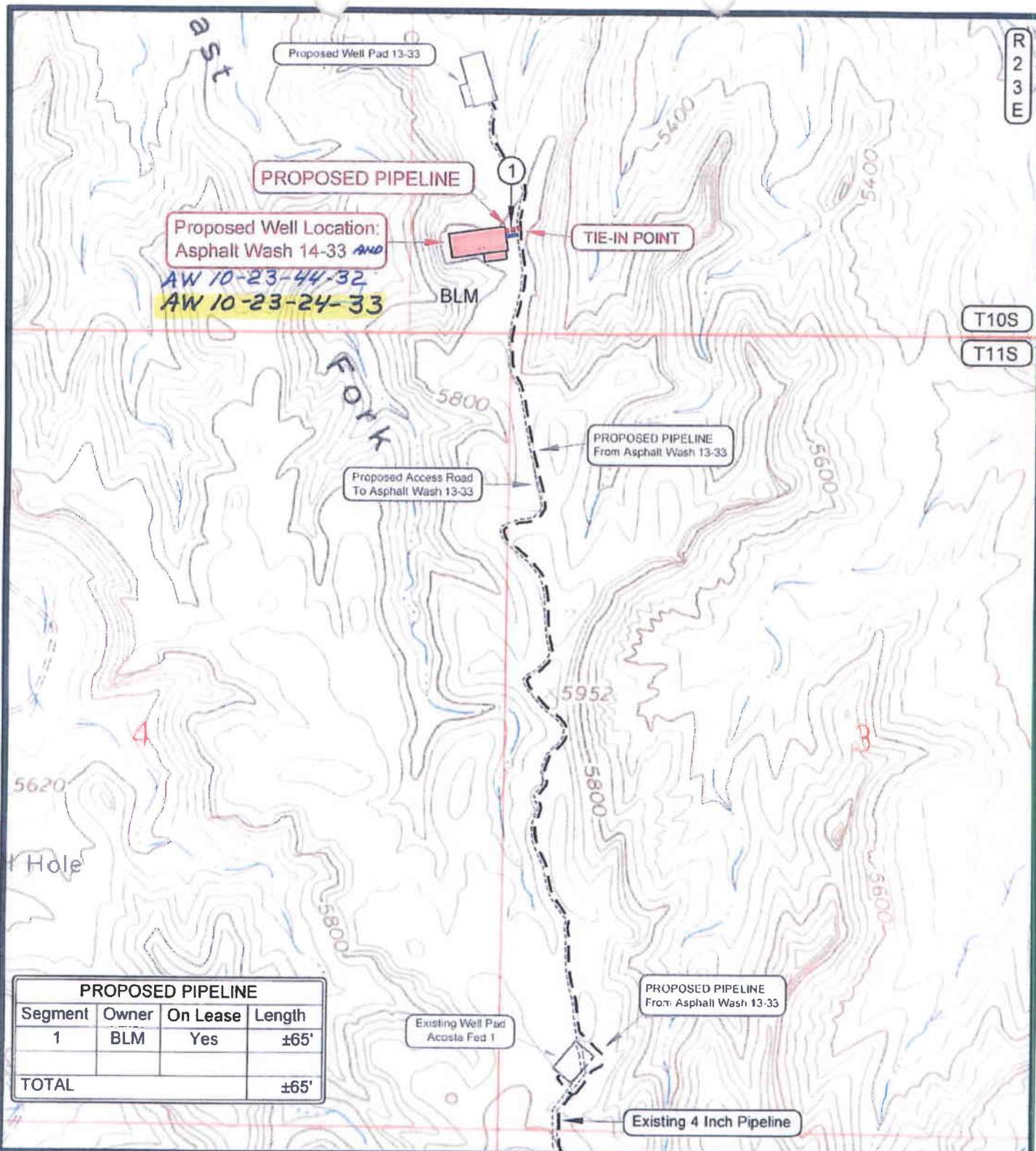


**ENDURING RESOURCES**

**Asphalt Wash 10-23-24-33**  
**SECTION 33, T10S, R23E, S.L.B.&M.**  
**Bottom Hole: 660' FSL & 1980' FWL**

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

**SHEET**  
**10a**  
**OF 11**



PROPOSED PIPELINE			
Segment	Owner	On Lease	Length
1	BLM	Yes	±65'
TOTAL			±65'

**LEGEND**

- = OTHER PIPELINE
- ..... = PROPOSED PIPELINE
- = PROPOSED ACCESS ROAD
- = LEASE LINE AND / OR PROPERTY LINE

**ENDURING RESOURCES**

**Asphalt Wash 10-23-14-33, Asphalt Wash 10-23-24-33 & Asphalt Wash 10-23-44-32 SECTION 33, T10S, R23E, S.L.B.&M.**

<b>TOPOGRAPHIC MAP "D"</b>	DATE SURVEYED: 05-11-05
	DATE DRAWN: 06-13-05
SCALE: 1" = 1000'	DRAWN BY: B.J.S.
	REVISED: 10-25-05 J.R.S.

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

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/07/2006

API NO. ASSIGNED: 43-047-38449

WELL NAME: ASPHALT WASH 10-23-24-33  
 OPERATOR: ENDURING RESOURCES, LLC ( N2750 )  
 CONTACT: EVETTE BISSETT

PHONE NUMBER: 303-350-5719

PROPOSED LOCATION:

SWSW 33 100S 230E  
 SURFACE: 0647 FSL 0604 FWL  
 BOTTOM: 0660 FSL 1980 FWL  
 COUNTY: UINTAH  
 LATITUDE: 39.89995 LONGITUDE: -109.3384  
 UTM SURF EASTINGS: 642048 NORTHINGS: 4417764  
 FIELD NAME: NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-73451  
 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. 49-2215 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.  
Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

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

\_\_\_\_\_

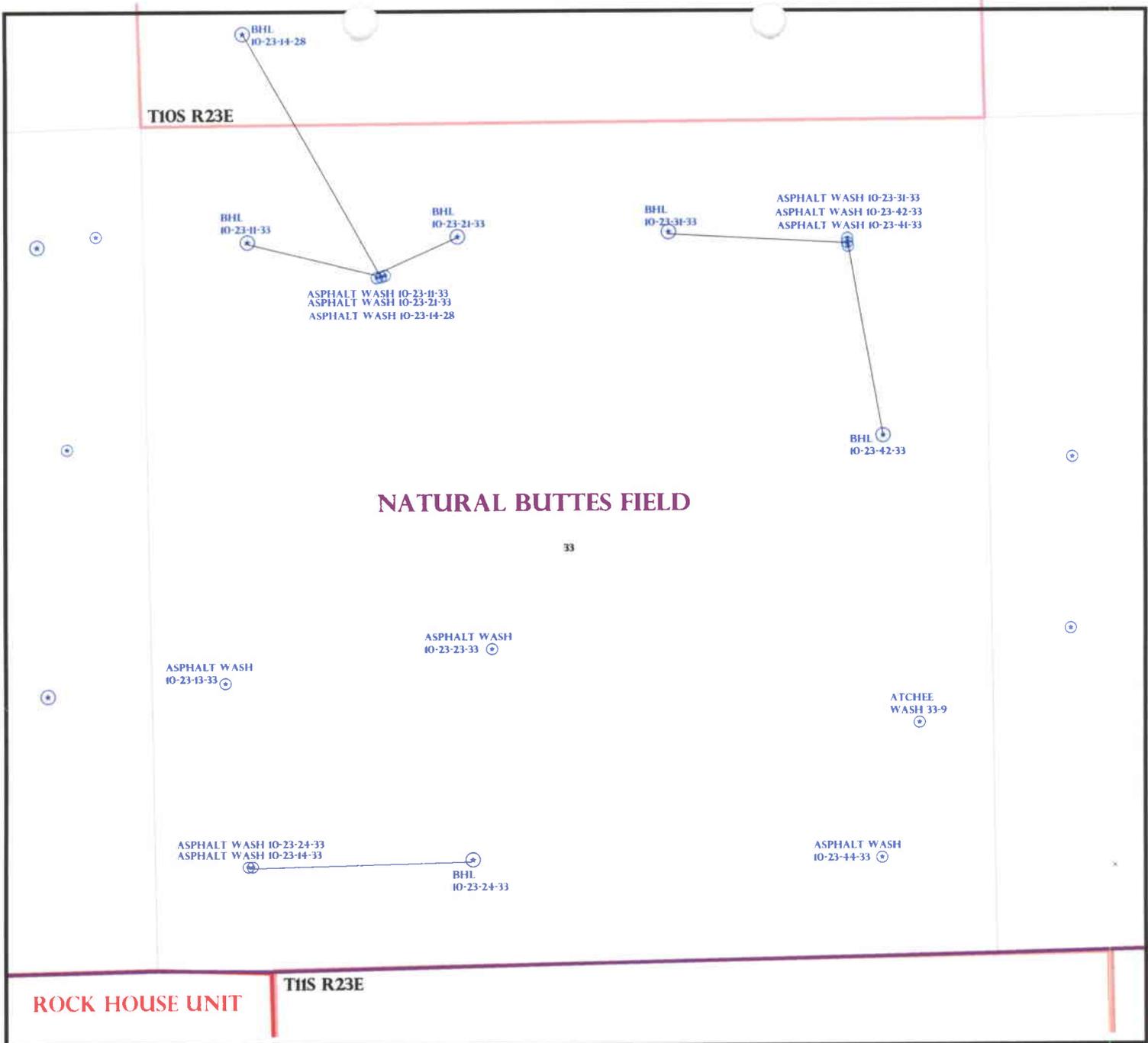
\_\_\_\_\_

STIPULATIONS: 1- Federal Approval

2- Spacing Slip

\_\_\_\_\_

\_\_\_\_\_



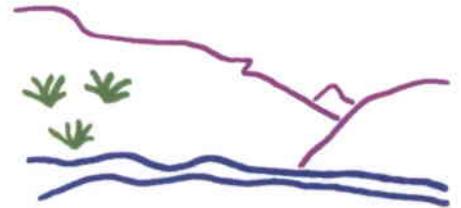
OPERATOR: ENDURING RES LLC (N2750)

SEC: 33 T.10S R. 23E

FIELD: NATURAL BUTTES (0630)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 11-AUGUST-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



**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*

August 14, 2006

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

Re: Asphalt Wash 10-23-24-33 Well, Surface Location 647' FSL, 604' FWL,  
SW SW, Sec. 33, T. 10 South, R. 23 East, Bottom Location 660' FSL,  
1980' FWL, SW SW, Sec. 33, T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38449.

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** Asphalt Wash 10-23-24-33  
**API Number:** 43-047-38449  
**Lease:** UTU-73451

**Surface Location:** SW SW      **Sec.** 33      **T.** 10 South      **R.** 23 East  
**Bottom Location:** SW SW      **Sec.** 33      **T.** 10 South      **R.** 23 East

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

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

#### 6. 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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73451
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Asphalt Wash 10-23-24-33
9. API NUMBER: 4304738449
10. FIELD AND POOL, OR WILDCAT: Undesignated
1. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] OTHER [ ]
2. NAME OF OPERATOR: Enduring Resources, LLC
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 Denver CO 80202 PHONE NUMBER: (303) 350-5719
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 647' FSL - 604' FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 10S 23E S STATE: UTAH

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

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: 8/14/2007
TO: 8/14/2008

Approved by the
Utah Division of
Oil, Gas and Mining

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

NAME (PLEASE PRINT) Evette Bissett TITLE Regulatory Affairs Assistant
SIGNATURE [Signature] DATE 8/10/2007

(This space for State use only)

8-15-07
RM

(See Instructions on Reverse Side)

RECEIVED
AUG 14 2007
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:** 4304738449  
**Well Name:** Asphalt Wash 10-23-24-33  
**Location:** 647' FSL - 604' FWL, SWSW, Sec 33, T10S-R23E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 8/14/2006

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

*Giulio Bisso*  
Signature

8/10/2007  
Date

**Title:** Regulatory Affairs Assistant

**Representing:** Enduring Resources, LLC

**RECEIVED**  
**AUG 14 2007**  
DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

**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-73451
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: 647' FSL - 604' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 10S 23E S		8. WELL NAME and NUMBER: Asphalt Wash 10-23-24-33
		9. API NUMBER: 4304738449
		10. FIELD AND POOL, OR WILDCAT: Undesignated
		COUNTY: Uintah
		STATE: UTAH

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

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

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

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

FROM: 8/14/2008  
TO: 8/14/2009

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-13-08  
By: [Signature]

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman</u>
SIGNATURE <u>[Signature]</u>	DATE <u>7/22/2008</u>

(This space for State use only)

**COPY SENT TO OPERATOR**  
Date: 8-14-2008  
Initials: KS

(See Instructions on Reverse Side)

**RECEIVED**  
**AUG 13 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:** 4304738449  
**Well Name:** Asphalt Wash 10-23-24-33  
**Location:** 647' FSL - 604' FWL, SWSW, Sec 33, T10S-R23E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 8/14/2006

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

7/22/2008  
 \_\_\_\_\_  
 Date

**Title:** Administrative Assistant

**Representing:** Enduring Resources, LLC

**RECEIVED**  
**AUG 13 2008**  
 DIV. OF OIL, GAS & MINING

<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-73451
<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> ASPHALT WASH 10-23-24-33
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047384490000
<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> 0647 FSL 0604 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

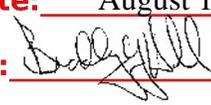
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/13/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date 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 an one-year extension to APD term.

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

**Date:** August 13, 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> 8/12/2009



**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 43047384490000**

**API:** 43047384490000

**Well Name:** ASPHALT WASH 10-23-24-33

**Location:** 0647 FSL 0604 FWL QTR SWSW SEC 33 TWP 100S RNG 230E MER S

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

**Date Original Permit Issued:** 8/14/2006

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

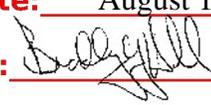
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Alvin Arlian

**Date:** 8/12/2009

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

**Date:** August 13, 2009

**By:** 

**RECEIVED** August 12, 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-73451
<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> ASPHALT WASH 10-23-24-33
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047384490000
<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> 0647 FSL 0604 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <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: 8/14/2010	<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: <input style="width: 100px;" type="text"/>

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

Request for an one-year extension to APD termination date.

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

**Date:** August 23, 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> 8/12/2010



**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 43047384490000**

**API:** 43047384490000

**Well Name:** ASPHALT WASH 10-23-24-33

**Location:** 0647 FSL 0604 FWL QTR SWSW SEC 33 TWNP 100S RNG 230E MER S

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

**Date Original Permit Issued:** 8/14/2006

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:** 8/12/2010

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

**Date:** August 23, 2010

**By:** 

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73451
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> ASPHALT WASH 10-23-24-33	
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047384490000	
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0647 FSL 0604 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S	<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/14/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Request for an one-year extension to APD termination date.		
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>08/22/2011</u></p> <p style="color: red; font-weight: bold;">By: <u></u></p>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/11/2011	



**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 43047384490000**

**API:** 43047384490000

**Well Name:** ASPHALT WASH 10-23-24-33

**Location:** 0647 FSL 0604 FWL QTR SWSW SEC 33 TWP 100S RNG 230E MER S

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

**Date Original Permit Issued:** 8/14/2006

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.

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- 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

**Signature:** Alvin Arlian

**Date:** 8/11/2011

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73451
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ASPHALT WASH 10-23-24-33
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047384490000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0647 FSL 0604 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES  COUNTY: UINTAH  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>8/14/2012</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Request for an one-year extension of APD expiration date.

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

**Date:** August 28, 2012

**By:**

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 8/13/2012	



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 43047384490000**

API: 43047384490000

Well Name: ASPHALT WASH 10-23-24-33

Location: 0647 FSL 0604 FWL QTR SWSW SEC 33 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 8/14/2006

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Signature: Alvin Arlian

Date: 8/13/2012

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	

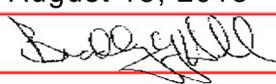
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>8/14/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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Request an one-year extension to APD expiration date.

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

**Date:** August 15, 2013

**By:** 

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 8/12/2013	



**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 43047384490000**

API: 43047384490000

Well Name: ASPHALT WASH 10-23-24-33

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Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 8/14/2006

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

Signature: Alvin Arlian

Date: 8/12/2013

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 13, 2014

Al Arlian  
Enduring Resources, LLC  
511-16th Street, Suite 700  
Denver, CO 80202

Re: APD Rescinded – Asphalt Wash 10-23-24-33, Sec. 33, T. 10S, R. 23E  
Uintah County, Utah API No. 43-047-38449

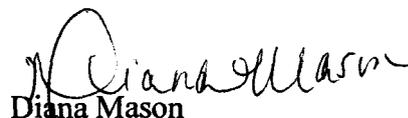
Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 14, 2006. On August 14, 2007, August 13, 2008, August 13, 2009, August 23, 2010, August 22, 2011 August 28, 2012 and August 15, 2013 the Division granted a one-year APD extension. On August 5, 2014, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 5, 2014.

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