



**Enduring Resources**

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

March 21, 2007

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

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC  
Asphalt Wash 11-24-44-6  
SWSW 5-11S-24E Surface  
SESE 6-11S-24E BHL  
Federal Lease: UTU-73919  
Uintah County, Utah

Dear Ms. Whitney:

Enduring Resources, LLC ("ERLLC") plans to drill the above-referenced well directionally from a multi-well pad to limit surface impact and drilling on steep slopes. Enclosed is one original application.

ERLLC is the only leasehold interest owner within 460 feet of any part of the above-referenced proposed well's proposed well bore, therefore,

*A. ERLLC also grants itself permission for an exception well location.*

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

In the event there are any other outstanding matters preventing this APD from being approved, please let me know at your earliest convenience. I may be reached at 303-350-5719 or [ebissett@enduringresources.com](mailto:ebissett@enduringresources.com).

Very truly yours,

Evette Bissett  
Regulatory Affairs Assistant

Enclosures

**RECEIVED**

**MAR 26 2007**

DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>UTU-73919</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 11-24-44-6</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>	10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>	
4. LOCATION OF WELL (FOOTAGES) <b>648635X 44162454 39.885133-109.261719</b> AT SURFACE: <b>478' FSL - 453' FWL</b> AT PROPOSED PRODUCING ZONE: <b>656' FSL - 660' FEL SESE 6-11S-24E</b> <b>648295X 44162944 39.885641 -109.265682</b>			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 5    11S    24E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>63.4 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>453'</b>	16. NUMBER OF ACRES IN LEASE: <b>1681</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>6,768</b>	20. BOND DESCRIPTION: <b>RLB0008031</b>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5553'    RT-KB</b>	22. APPROXIMATE DATE WORK WILL START: <b>5/30/2007</b>	23. ESTIMATED DURATION: <b>20 days</b>		

**24. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	14" line pipe	40	3 yards	Ready Mix		
11"	8-5/8" J-55 24#	1,460	Premium Lead	87 sxs	3.50	11.1
			Premium Tail	138 sxs	1.15	15.8
7-7/8"	4-1/2" N-80 11.6#	6,768	Class G	120 sxs	3.3	11.0
			50/50 Poz Class G	773 sxs	1.56	14.3

**25. ATTACHMENTS**

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

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

NAME (PLEASE PRINT) Evette Bissett TITLE Regulatory Affairs Assistant  
SIGNATURE *Evette Bissett* DATE 3/21/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39167

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

**RECEIVED**  
**MAR 26 2007**

(11/2001)

**Federal Approval of this  
Action is Necessary**

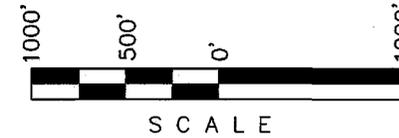
Date: 03-28-07  
(See instructions on Reverse Side)  
By: *Bradley*

DIV. OF OIL, GAS & MINING

# T11S, R24E, S.L.B.&M.

## ENDURING RESOURCES

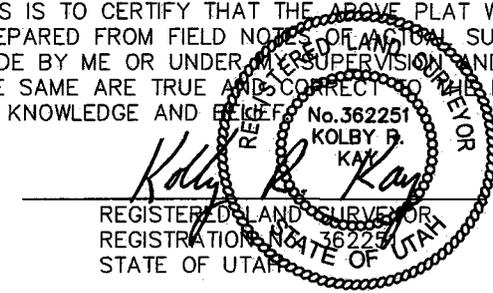
WELL LOCATION, ASPHALT WASH 11-24-44-6, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 6, T11S, R24E, S.L.B.&M. UINTAH COUNTY, UTAH.



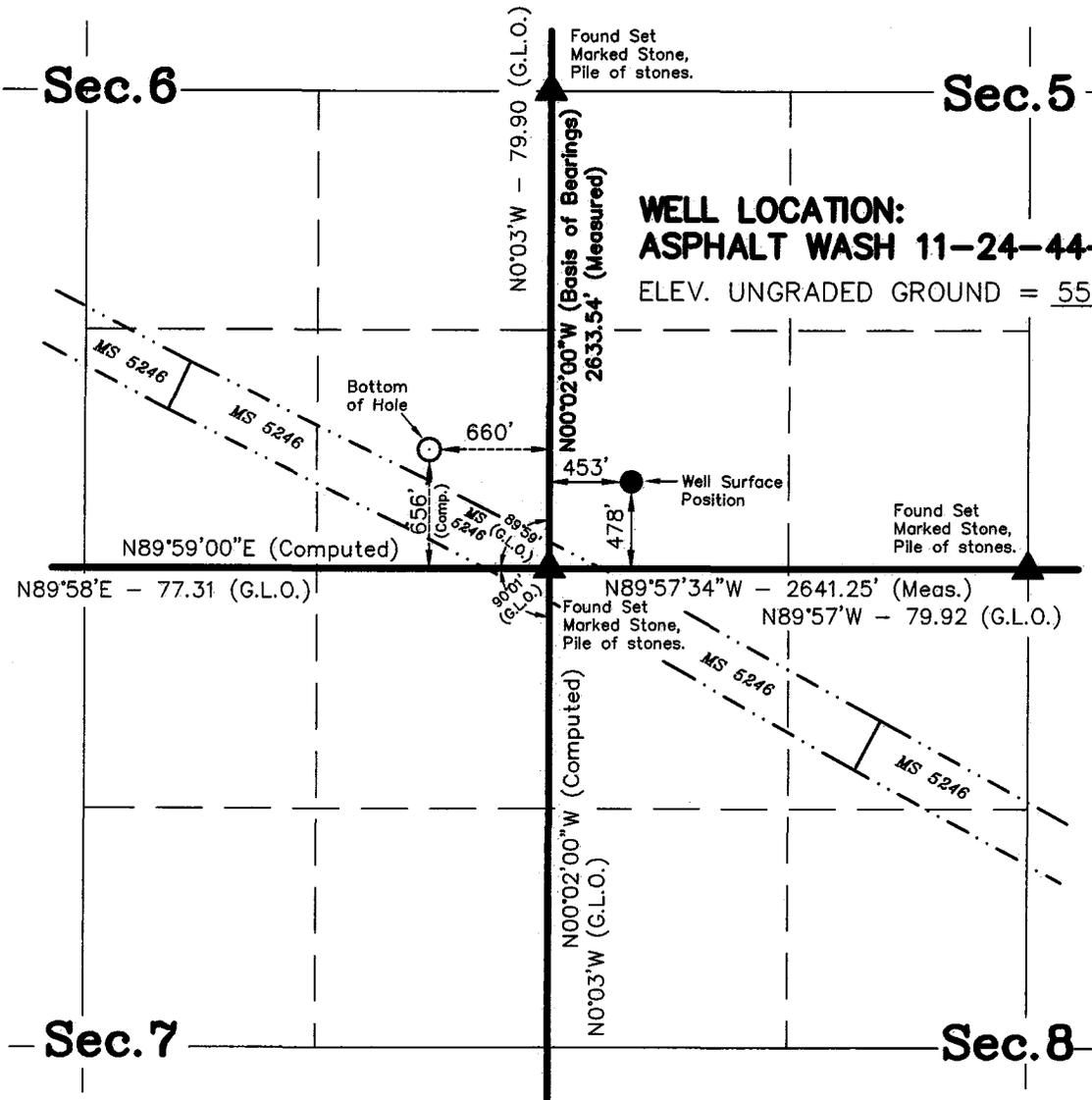
**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. The Bottom of hole bears N80°53'01"W 1127.03' from the Surface Position.
3. The Proposed Bottom hole bears N45°11'57"W 930.69' from the Southeast corner of section 6.
4. Bearings are based on Global Positioning Satellite observations.
5. BASIS OF ELEVATION IS BENCH MARK 87 EAM LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE ARCHY BENCH SE 7.5 MIN. QUADRANGLE AS BEING 5887'.

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



Kelly R. Kay  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 362251  
 STATE OF UTAH



**WELL LOCATION:  
 ASPHALT WASH 11-24-44-6**  
 ELEV. UNGRADED GROUND = 5537.8'

▲ = SECTION CORNERS LOCATED

<b>ASPHALT WASH 11-24-44-6</b> (Bottom Hole) NAD 83 Autonomous LATITUDE = 39° 53' 07.94" LONGITUDE = 109° 15' 59.05"
---

<b>ASPHALT WASH 11-24-44-6</b> (Surface Position) NAD 83 Autonomous LATITUDE = 39° 53' 06.17" LONGITUDE = 109° 15' 44.78"
--

<b>TIMBERLINE LAND SURVEYING, INC.</b>		<b>SHEET 2 OF 11</b>
38 WEST 100 NORTH. - VERNAL, UTAH 84078 (435) 789-1365		
DATE SURVEYED: 12-15-06	SURVEYED BY: M.S.B.	
DATE DRAWN: 12-29-06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

**SELF-CERTIFICATION STATEMENT**

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

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

**Asphalt Wash 11-24-44-6**

Surface Location: SWSW Sec. 5-11S-24E

BHL Location: SESE Sec. 6-11S-24E

478' FSL – 453' FWL Surface

656' FSL – 660' FEL BHL

Lease Serial No.: UTU-73919

Uintah County, Utah

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



Evette Bissett  
Regulatory Affairs Assistant  
Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202  
(303) 350-5719

3/21/2007

Date

**Enduring Resources, LLC  
 Asphalt Wash 11-24-44-6  
 SWSW 5-11S-24E Surface  
 SESE 6-11S-24E BHL  
 Uintah County, Utah  
 Federal Lease: UTU-73919**

**ONSHORE ORDER 1 - DRILLING PLAN**

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

Formation	Depth (K.B.)
Uinta	Surface
Green River	601
Wasatch	2931
Mesaverde	4758

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

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5553'	
Oil / Gas	Green River	601
Oil /Gas	Wasatch	2931
Oil /Gas	Mesaverde	4758
	Estimated TD	6768

An 11" hole will be drilled to approximately 1476 feet.

**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 – 1476' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 6768' (KB)

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

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

**B. Casing Design Parameters:**

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
1476' (KB)	8-5/8", 24#/ft, J55, STC	1370/2.10(a)	2950/4.52(b)	244/8.02(c)
6768' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.81(d)	7780/2.41 (e)	223/3.31(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	960	Premium cement + 16% gel + 0.25 pps celloflake	87	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	1371	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	120	25	11.0	3.3
4-1/2"	Tail	4237	50/50 POZ Class G + 2% gel + 1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	773	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' - 1476' (KB)		No cntrl		Air/mist
1476'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-6768' (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 3519 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2030 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. **Anticipated Starting Dates:**

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

9. **Variances:**

None anticipated

10. **Other:**

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

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

**ENDURING RESOURCES**  
**Asphalt Wash 11-24-44-6**  
**Section 5, T11S, R24E, S.L.B.&M. (Surface)**

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 4.5 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 8.1 MILES TO THE INTERSECTION OF THE EAST FORK ASPHALT WASH ROAD (COUNTY B ROAD 4250); EXIT RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4250 APPROXIMATELY 5.8 MILES TO THE INTERSECTION OF THE ASPHALT WASH ROAD (COUNTY B ROAD 4160); EXIT RIGHT AND PROCEED ALONG COUNTY B ROAD 4160 IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO A SERVICE ROAD TO THE NORTHEAST; EXIT RIGHT AND PROCEED ALONG SERVICE ROAD IN A NORTHEASTERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE PROPOSED ACCESS ROAD; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 205 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 63.4 MILES IN A SOUTHEASTERLY DIRECTION.

**Enduring Resources, LLC**  
**Asphalt Wash 11-24-44-6**  
SWSW 5-11S-24E Surface  
SESE 6-11S-24E BHL  
Uintah County, Utah  
**Federal Lease: UTU-73919**

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

**1. Existing Roads:**

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 4.5 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 8.1 Miles To The Intersection Of The East Fork Asphalt Wash Road (County B Road 4250); Exit Right And Proceed In A Northeasterly Direction Along County B Road 4250 Approximately 5.8 Miles To The Intersection Of The Asphalt Wash Road (County B Road 4160); Exit Right And Proceed Along County B Road 4160 In A Northerly Direction Approximately 0.6 Miles To A Service Road To The Northeast; Exit Right And Proceed Along Service Road In A Northeasterly Then Southeasterly Direction Approximately 1.1 Miles To The Proposed Access Road; Follow Road Flags In A Northeasterly Direction Approximately 205 Feet To The Proposed Location.

Total Distance From Vernal, Utah To The Proposed Well Location Is Approximately 63.4 Miles In A Southeasterly Direction.

**2. Planned Access Roads:**

The proposed access road will be approximately 205 feet of new construction. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

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

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

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

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

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

- |    |       |   |
|----|-------|---|
| .  | None: | Water Wells:  |
| b. | None: | Injection Wells:                                    |
| c. | (1):  | Producing Wells:                                    |
|    |       | 1. Asphalt Wash 11-24-14-5                          |
| d. | None: | Drilling Wells:                                     |
| e. | (1):  | Shut-in Wells:                                      |
|    |       | 1. Rainbow 1, NESW 8                                |
| f. | None: | Temporarily Abandoned Wells:                        |
| g. | None: | Disposal Wells:                                     |
| h. | (2):  | Abandoned Wells:                                    |
|    |       | 1. Rainbow U-5, NWSE 6                              |
|    |       | 2. Rainbow U-3, NESW 7                              |
| i. | None: | Dry Holes:  |
| j. | None: | Observation Wells:                                  |
| k. | (10): | Pending (staked) Wells:                             |
|    |       | 1. There are ten other wells staked in this section |

**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	225'	BLM
	OFF-LEASE	-0-	

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed for year around usage. Approximately 225 feet of 6" or less surface gas gathering pipeline shall be laid to minimize surface disturbance.

The proposed pipeline will begin at the well site, be laid on the west side of the access road and tie-in to an existing pipeline.

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

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

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

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2249 (\*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed,)

\*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	<u>T11S-R24E</u>	T12S-R24E

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

No water well is to be drilled on this lease.

**6. Source of Construction Materials:**

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

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

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

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

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

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

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

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

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

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

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

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

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

8. **Ancillary Facilities:**

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

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

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

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

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

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

All pits shall be fence to the following minimum standards:

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

10. **Plans for Surface Reclamation:**

**Producing Location:**

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

**Dry Hole/Abandoned Location:**

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

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

To be provided by the 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 on January 31, 2007

Attending were:

1. Melissa Hawk - BLM
2. Brandon McDonald - BLM
3. Dan Emmit - BLM
4. Kolby Kay - Timberline
5. Larry Rowell - Ponderosa
6. Doug Hammond - Enduring Resources

**Special Conditions of Approval:**

**None for this well(s).**

**Archeology:**

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

**Paleontology:**

- b. 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 preformed 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 11-24-44-6 Well; SWSW Section 5, Township 11 South, Range 24 East; Surface, SESE Section 6-Township 11S, Range 24E, BHL; Lease #:UTU-73919 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

\_\_\_\_\_  
March 21, 2007



**Weatherford<sup>™</sup>**

## **Drilling Services**

---

## **Proposal**

---

**ENDURING RESOURCES, L.L.C**

ASPHALT WASH #11-24-44-6

UINTAH COUNTY, UTAH

**PLAN 1**

DECEMBER 4, 2006

---

**Weatherford International, Ltd.**  
15710 John F. Kennedy Blvd, Suite 700  
Houston, Texas 77032 USA  
+1.281.260.1300 Main  
+1.281.260.4729 Fax  
[www.weatherford.com](http://www.weatherford.com)

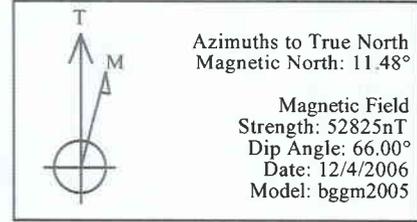
# ENDURING RESOURCES, L.L.C.

ASPHALT WASH #11-24-44-6  
 SW-SW SEC 5-T11S-R24E  
 473' FSL, 455' FWL  
 UINTAH COUNTY, UTAH



## Weatherford®

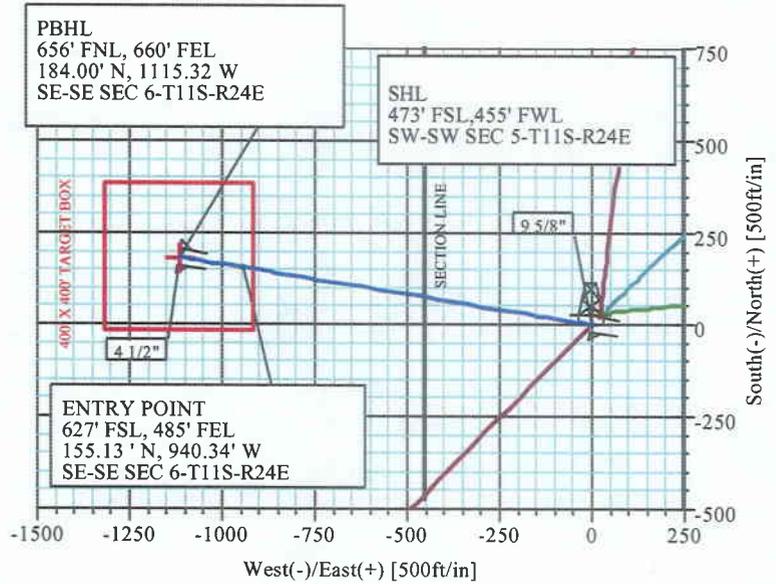
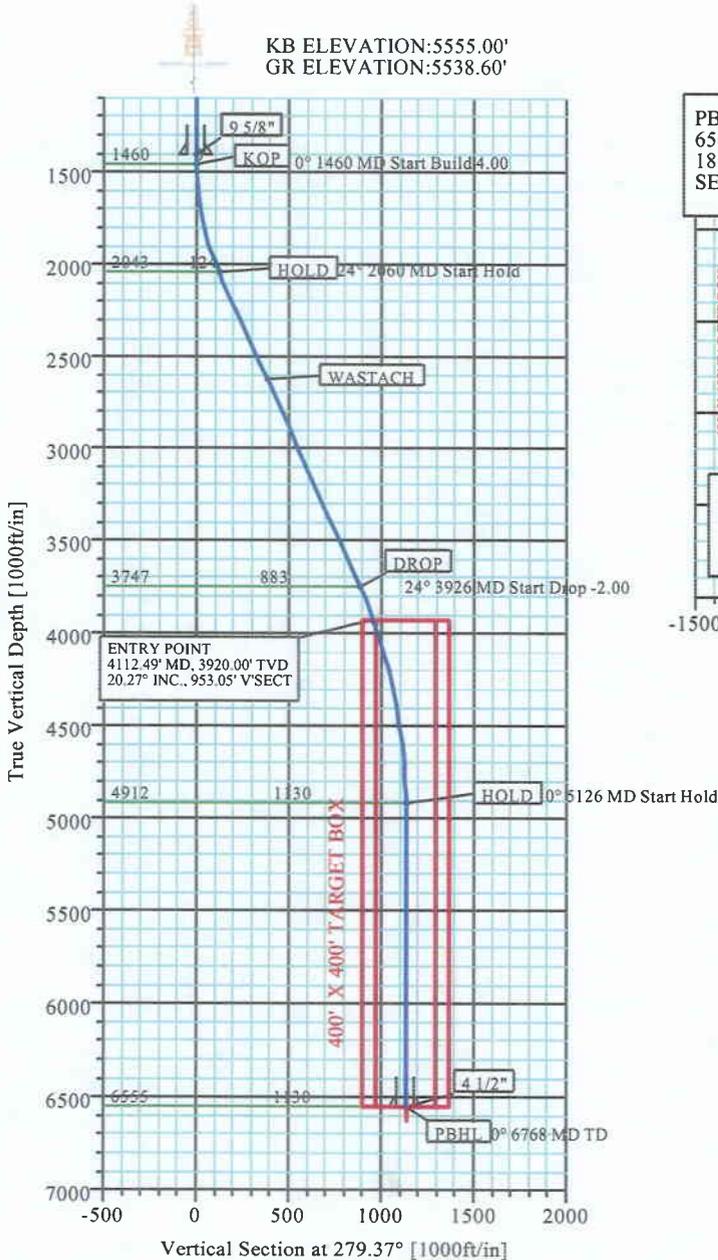
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	279.37	0.00	0.00	0.00	0.00	0.00	0.00	
2	1460.00	0.00	279.37	1460.00	0.00	0.00	0.00	279.37	0.00	KOP
3	2060.00	24.00	279.37	2042.61	20.16	-122.19	4.00	279.37	123.84	HOLD
4	3925.80	24.00	279.37	3747.10	143.69	-870.95	0.00	0.00	882.73	DROP
5	5125.80	0.00	279.37	4912.32	184.00	-1115.32	2.00	180.00	1130.40	HOLD
6	6768.49	0.00	279.37	6555.00	184.00	-1115.32	0.00	0.00	1130.40	PBHL



TOTAL CORRECTION TO TRUE NORTH: 11.48°

FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	2620.00	2692.03	WASTACH

CASING DETAILS				
No.	TVD	MD	Name	Size
1	1400.00	1400.00	9 5/8"	9.625
2	6555.00	6768.49	4 1/2"	0.000



SITE DETAILS	
ASPHALT WASH 11-24-14-5 PAD	
Site Centre Latitude:	39°53'06.290N
Longitude:	109°05'44.620W
Ground Level:	5538.60
Positional Uncertainty:	0.00
Convergence:	1.54

Plan: Plan #1 (ASPHALT WASH #11-24-44-6/1)  
 Created By: ROBERT H. SCOTT Date: 12/5/2006

# WEATHERFORD DRILLING SERVICES

## WELL PLAN REPORT

<b>Company:</b> Enduring Resources <b>Field:</b> Uintah, Utah <b>Site:</b> ASPHALT WASH 11-24-14-5 PAD <b>Well:</b> ASPHALT WASH #11-24-44-6 <b>Wellpath:</b> 1	<b>Date:</b> 12/5/2006 <b>Co-ordinate(NE) Reference:</b> Well: ASPHALT WASH #11-24-44-6 <b>Vertical (TVD) Reference:</b> SITE 5550.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,279.37Azi) <b>Survey Calculation Method:</b> Minimum Curvature	<b>Time:</b> 08:49:56 <b>Page:</b> 1
---	--	---

<b>Plan:</b> Plan #1 <b>Principal:</b> Yes	<b>Date Composed:</b> 12/4/2006 <b>Version:</b> 1 <b>Tied-to:</b> From Surface
---	--

<b>Field:</b> Uintah, Utah Utah Central Zone U.S.A. <b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Central Zone <b>Coordinate System:</b> Well Centre <b>Geomagnetic Model:</b> bggm2005
---	--

<b>Well:</b> ASPHALT WASH #11-24-44-6 <b>Well Position:</b> +N/-S -10.49 ft Northing: 7135934.98 ft +E/-W -10.72 ft Easting: 2314977.58 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Slot Name:</b> <b>Latitude:</b> 39 53 6.186 N <b>Longitude:</b> 109 5 44.758 W
--	---

<b>Wellpath:</b> 1 <b>Current Datum:</b> SITE <b>Magnetic Data:</b> 12/4/2006 <b>Field Strength:</b> 52825 nT <b>Vertical Section:</b> Depth From (TVD) ft	<b>Height</b> 5550.00 ft	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.48 deg <b>Mag Dip Angle:</b> 66.00 deg <b>+E/-W</b> ft <b>Direction</b> deg
0.00	0.00	0.00 279.37

<b>Site:</b> ASPHALT WASH 11-24-14-5 PAD <b>Site Position:</b> Northing: 7135945.76 ft <b>From:</b> Geographic Easting: 2314988.02 ft <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 5538.60 ft	<b>Latitude:</b> 39 53 6.290 N <b>Longitude:</b> 109 5 44.620 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.54 deg
--	---

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	279.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1460.00	0.00	279.37	1460.00	0.00	0.00	0.00	0.00	0.00	279.37	
2060.00	24.00	279.37	2042.61	20.16	-122.19	4.00	4.00	0.00	279.37	
3925.80	24.00	279.37	3747.10	143.69	-870.95	0.00	0.00	0.00	0.00	
5125.80	0.00	279.37	4912.32	184.00	-1115.32	2.00	-2.00	0.00	180.00	
6768.49	0.00	279.37	6555.00	184.00	-1115.32	0.00	0.00	0.00	0.00	PBHL_11-24-44-6

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	Comment
1460.00	0.00	279.37	1460.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
1560.00	4.00	279.37	1559.92	0.57	-3.44	3.49	4.00	4.00	0.00	
1660.00	8.00	279.37	1659.35	2.27	-13.75	13.94	4.00	4.00	0.00	
1760.00	12.00	279.37	1757.81	5.10	-30.88	31.30	4.00	4.00	0.00	
1860.00	16.00	279.37	1854.82	9.03	-54.75	55.49	4.00	4.00	0.00	
1960.00	20.00	279.37	1949.91	14.06	-85.23	86.38	4.00	4.00	0.00	
2060.00	24.00	279.37	2042.61	20.16	-122.19	123.84	4.00	4.00	0.00	HOLD
2160.00	24.00	279.37	2133.96	26.78	-162.32	164.51	0.00	0.00	0.00	
2260.00	24.00	279.37	2225.32	33.40	-202.45	205.18	0.00	0.00	0.00	
2360.00	24.00	279.37	2316.67	40.02	-242.58	245.86	0.00	0.00	0.00	
2460.00	24.00	279.37	2408.03	46.64	-282.71	286.53	0.00	0.00	0.00	
2560.00	24.00	279.37	2499.38	53.26	-322.84	327.21	0.00	0.00	0.00	
2660.00	24.00	279.37	2590.73	59.88	-362.97	367.88	0.00	0.00	0.00	
2692.03	24.00	279.37	2620.00	62.00	-375.83	380.91	0.00	0.00	0.00	WASTACH
2760.00	24.00	279.37	2682.09	66.50	-403.10	408.55	0.00	0.00	0.00	



# WEATHERFORD DRILLING SERVICES

## WELL PLAN REPORT

<b>Company:</b> Enduring Resources <b>Field:</b> Uintah, Utah <b>Site:</b> ASPHALT WASH 11-24-14-5 PAD <b>Well:</b> ASPHALT WASH #11-24-44-6 <b>Wellpath:</b> 1	<b>Date:</b> 12/5/2006 <b>Time:</b> 08:49:56 <b>Page:</b> 3 <b>Co-ordinate(NE) Reference:</b> Well: ASPHALT WASH #11-24-44-6 <b>Vertical (TVD) Reference:</b> SITE 5550.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,279.37Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
---	---

### Annotation

MD ft	TVD ft	
1460.00	1460.00	KOP
2060.00	2042.61	HOLD
3925.80	3747.10	DROP
4112.49	3920.00	ENTRY
5125.80	4912.31	HOLD
6768.49	0.00	PBHL

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2692.03	2620.00	WASTACH		0.00	0.00

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1400.00	1400.00	9.625	12.250	9 5/8"
6770.38	0.00	0.000	0.000	4 1/2"

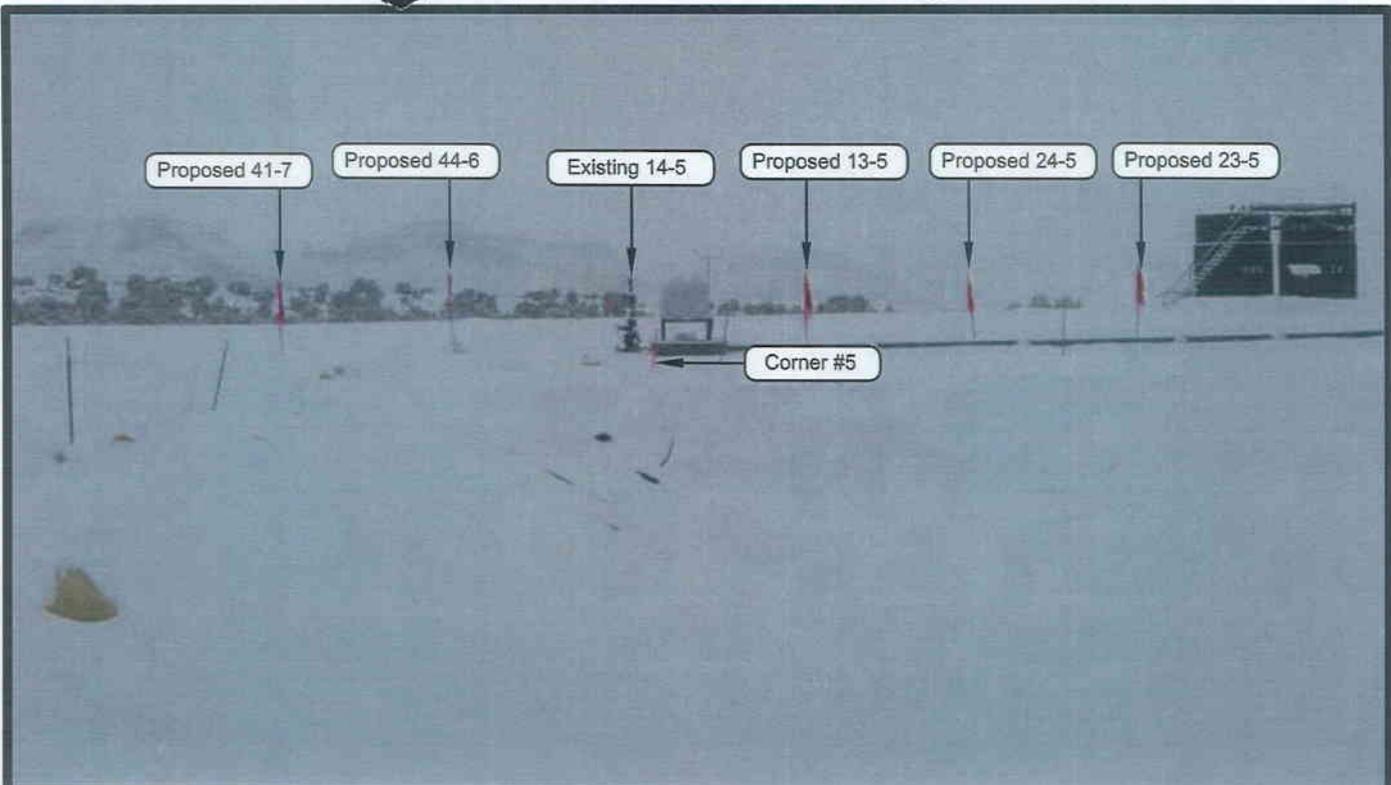


PHOTO VIEW: FROM CORNER #5 TO LOCATION

CAMERA ANGLE: NORTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHERLY

## ENDURING RESOURCES

### Asphalt Wash 11-24-44-6

Other wells on this pad: Asphalt Wash 11-24-14-5, Asphalt Wash 11-24-23-5, Asphalt Wash 11-24-24-5, Asphalt Wash 11-24-13-5 & Asphalt Wash 11-24-41-7

SECTION 5, T11S, R24E, S.L.B.&M. (Surface)

## LOCATION PHOTOS

DATE TAKEN: 12-15-06

DATE DRAWN: 12-27-06

TAKEN BY: M.S.B.

DRAWN BY: M.W.W.

REVISED:

## Timberline Land Surveying, Inc.

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

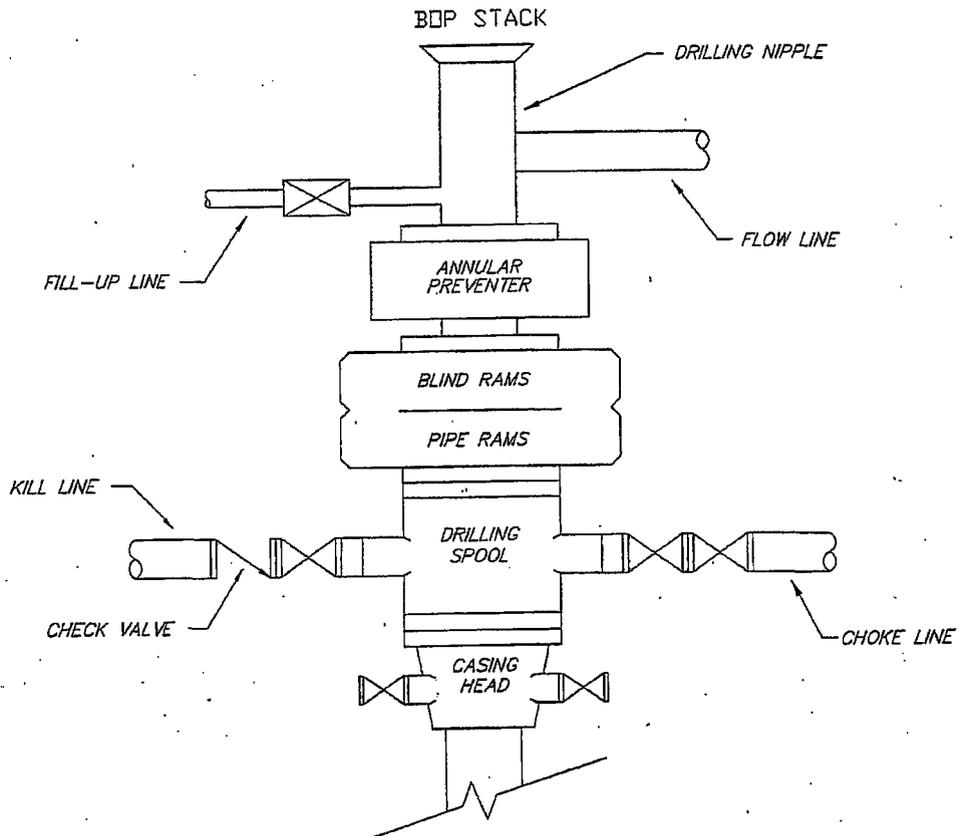
SHEET

1

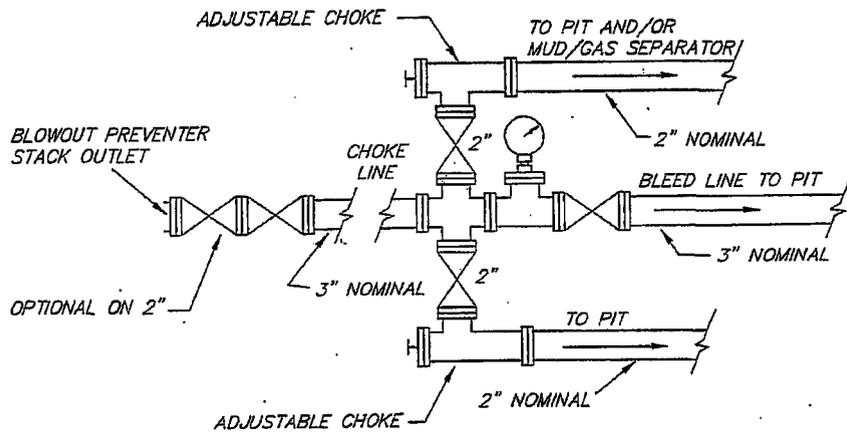
OF 11

**ENDURING RESOURCES, LLC**

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



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



# ENDURING RESOURCES

## WELL PAD INTERFERENCE PLAT

**ASPHALT WASH 11-24-41-7, ASPHALT WASH 11-24-44-6,  
ASPHALT WASH 11-24-14-5, ASPHALT WASH 11-24-13-5,  
ASPHALT WASH 11-24-24-5 & ASPHALT WASH 11-24-23-5**



**SURFACE POSITION FOOTAGES:**

ASPHALT WASH 11-24-41-7  
471' FSL & 440' FWL

ASPHALT WASH 11-24-44-6  
478' FSL & 453' FWL

ASPHALT WASH 11-24-13-5  
492' FSL & 479' FWL

ASPHALT WASH 11-24-24-5  
499' FSL & 492' FWL

ASPHALT WASH 11-24-23-5  
506' FSL & 506' FWL

**BOTTOM HOLE FOOTAGES**

ASPHALT WASH 11-24-41-7  
660' FNL & 660' FEL

ASPHALT WASH 11-24-44-6  
656' FSL & 660' FEL

ASPHALT WASH 11-24-13-5  
1972' FSL & 660' FWL

ASPHALT WASH 11-24-24-5  
655' FSL & 1981' FWL

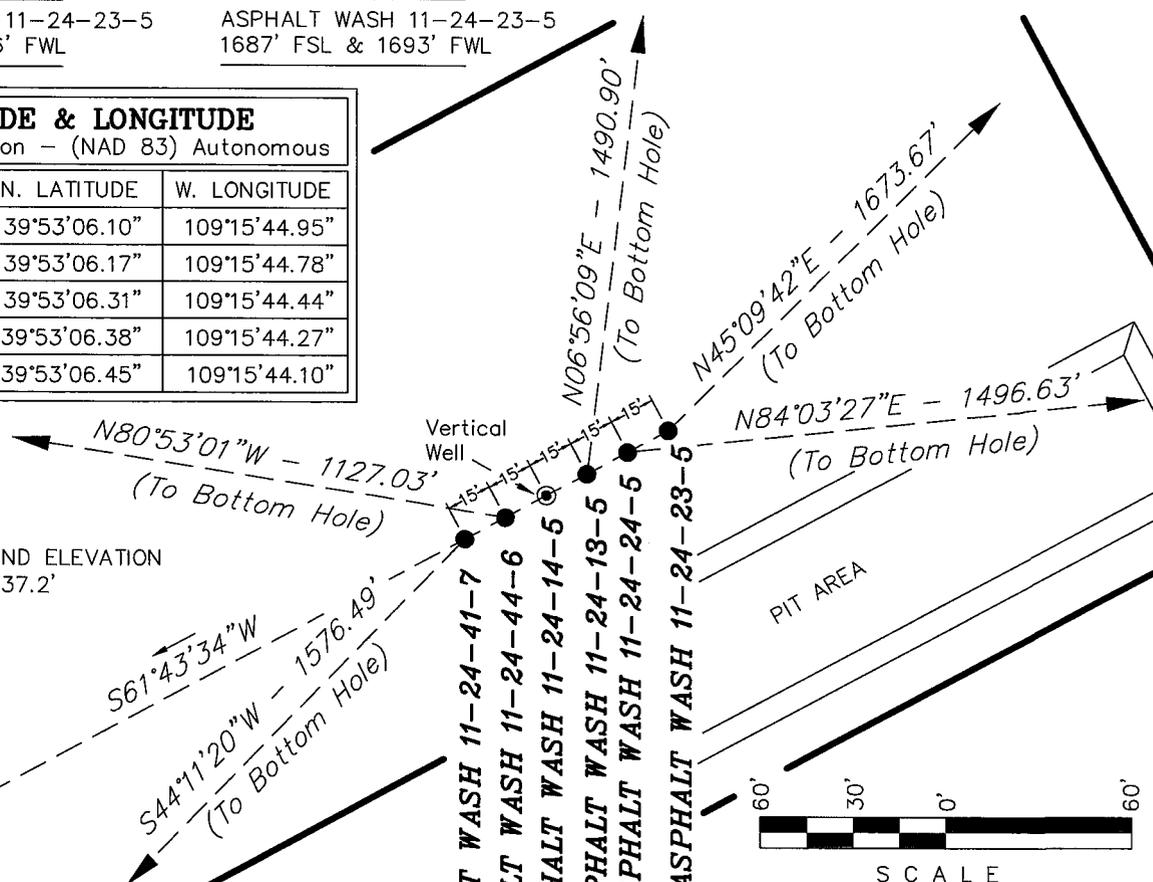
ASPHALT WASH 11-24-23-5  
1687' FSL & 1693' FWL

BASIS OF BEARINGS IS THE WEST LINE OF THE SW 1/4 OF SECTION 5, T11S, R24E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°02'00"W.

BASIS OF ELEVATION IS BENCH MARK 87 EAM LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE ARCHY BENCH SE 7.5 MIN. QUADRANGLE AS BEING 5887'.

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
41-7	39°53'06.10"	109°15'44.95"
44-6	39°53'06.17"	109°15'44.78"
13-5	39°53'06.31"	109°15'44.44"
24-5	39°53'06.38"	109°15'44.27"
23-5	39°53'06.45"	109°15'44.10"

GRADED GROUND ELEVATION OF PAD IS 5537.2'



LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
41-7	39°52'54.94"	109°15'59.05"
44-6	39°53'07.94"	109°15'59.05"
13-5	39°53'20.93"	109°15'42.13"
24-5	39°53'07.91"	109°15'25.18"
23-5	39°53'18.11"	109°15'28.88"

RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
41-7	-1,130'	-1,099'
44-6	179'	-1,113'
13-5	1,480'	180'
24-5	155'	1,489'
23-5	1,180'	1,187'

Section 5, T11S, R24E, S.L.B.&M. (Surface)

Date Surveyed: 12-15-06	Date Drawn: 12-28-06	Date Last Revision:
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'

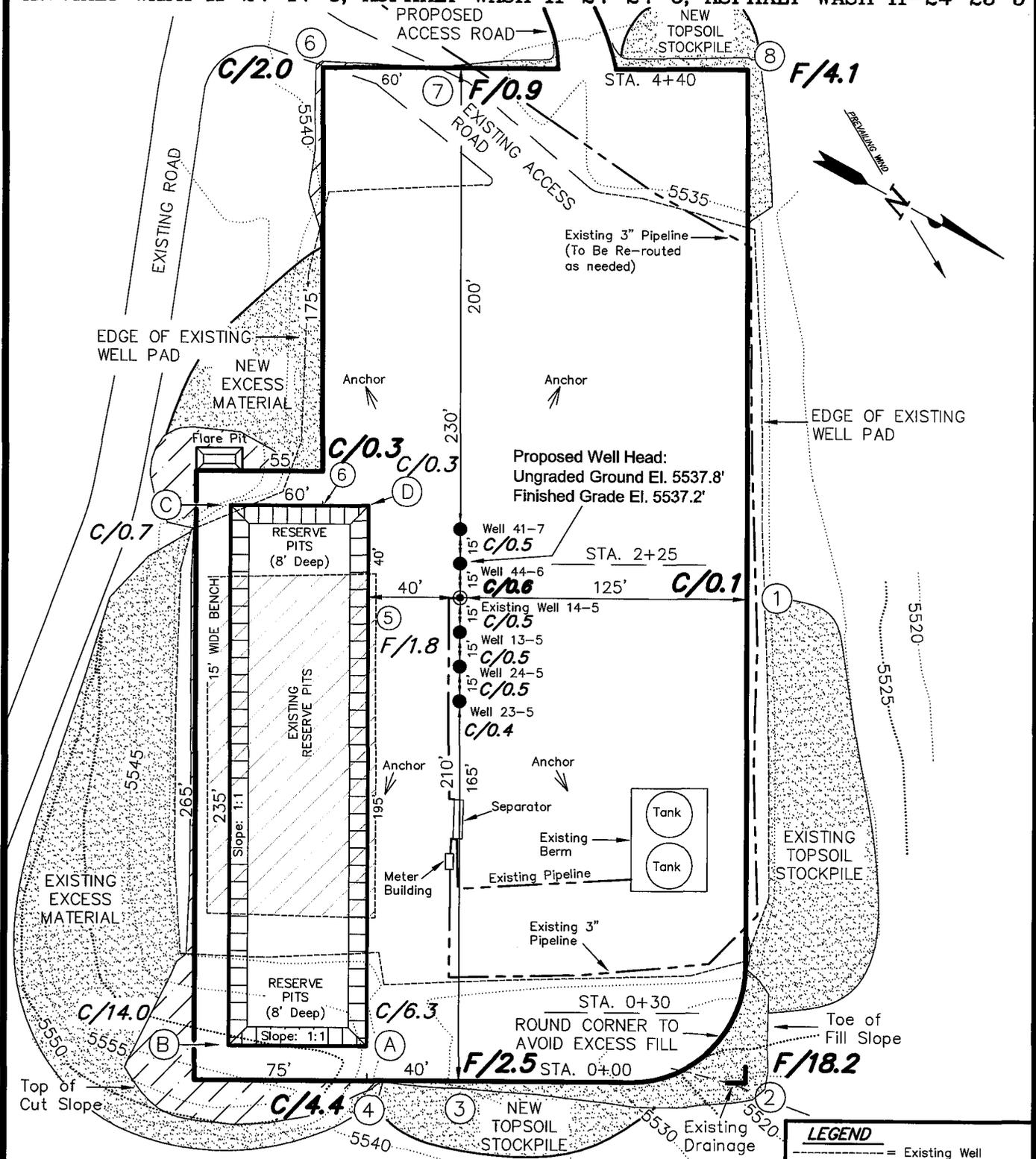
**Timberline** (435) 789-1365  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
**3**  
OF 11

# ENDURING RESOURCES

## CUT SHEET - ASPHALT WASH 11-24-44-6

Other wells on this pad: ASPHALT WASH 11-24-13-5, ASPHALT WASH 11-24-41-7,  
 ASPHALT WASH 11-24-14-5, ASPHALT WASH 11-24-24-5, ASPHALT WASH 11-24-23-5



LEGEND	
	= Existing Well Pad & Pit
	= Existing Pipeline

CONTOUR INTERVAL = 5'  
 Section 5, T11S, R24E, S.L.B.&M. (Surface)

Date Surveyed: 12-15-06	Date Drawn: 12-26-06	Date Last Revision:
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'

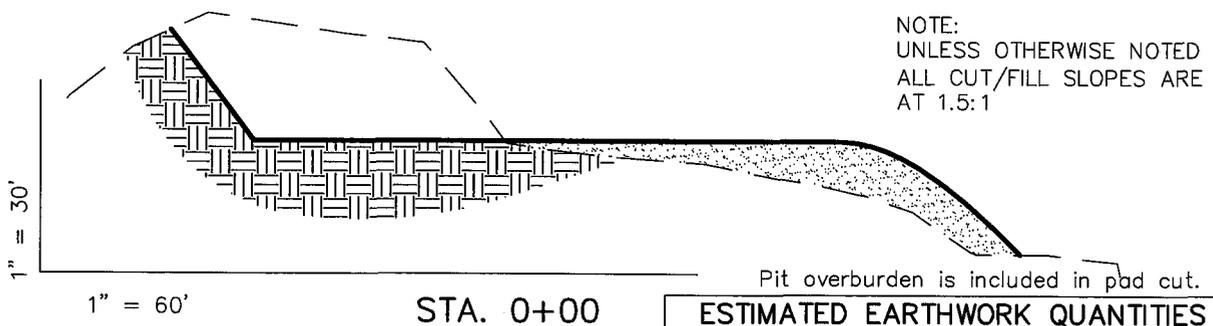
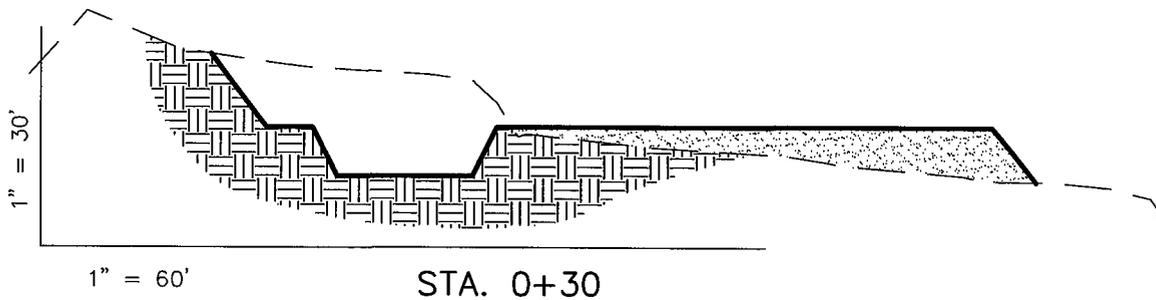
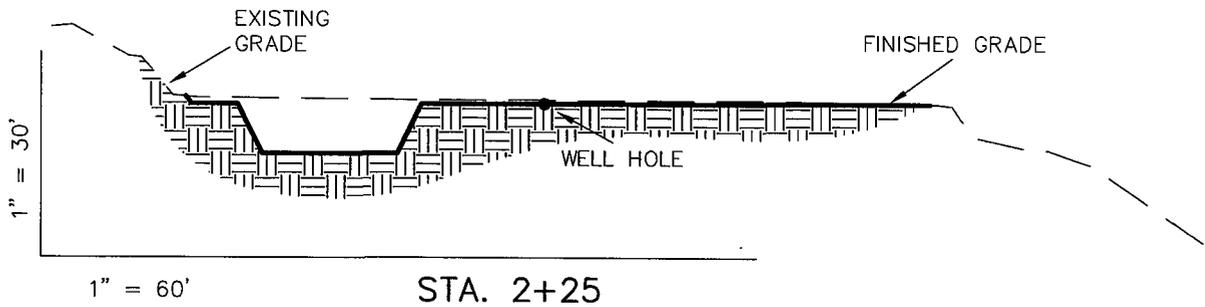
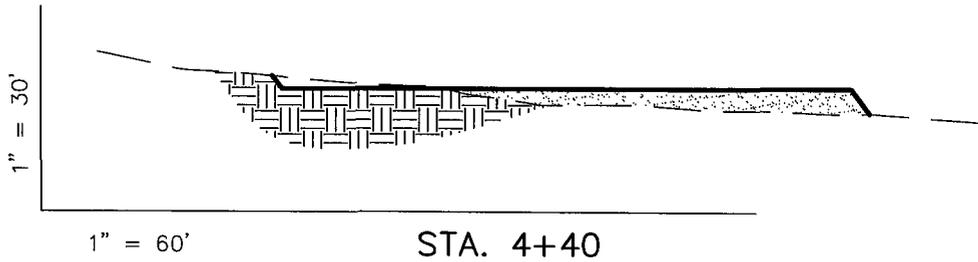
**Timberline** (435) 789-1365  
 Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
**4**  
 OF 11

# ENDURING RESOURCES

## CROSS SECTIONS - ASPHALT WASH 11-24-44-6

Other wells on this pad: ASPHALT WASH 11-24-13-5, ASPHALT WASH 11-24-41-7,  
 ASPHALT WASH 11-24-14-5, ASPHALT WASH 11-24-24-5, ASPHALT WASH 11-24-23-5



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

Pit overburden is included in pad cut.

### REFERENCE POINTS

- 245' NORTHEASTERLY = 5539.8'
- 295' NORTHEASTERLY = 5543.7'
- 175' NORTHWESTERLY = 5528.7'
- 225' NORTHWESTERLY = 5511.5'

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,950	2,950	Topsoil is not included in Pad Cut	0
PIT	1,220	0		1,220
TOTALS	4,170	2,950	1,630	1,220

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

Section 5, T11S, R24E, S.L.B.&M. (Surface)

Date Surveyed: 12-15-06	Date Drawn: 12-26-06	Date Last Revision:
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'

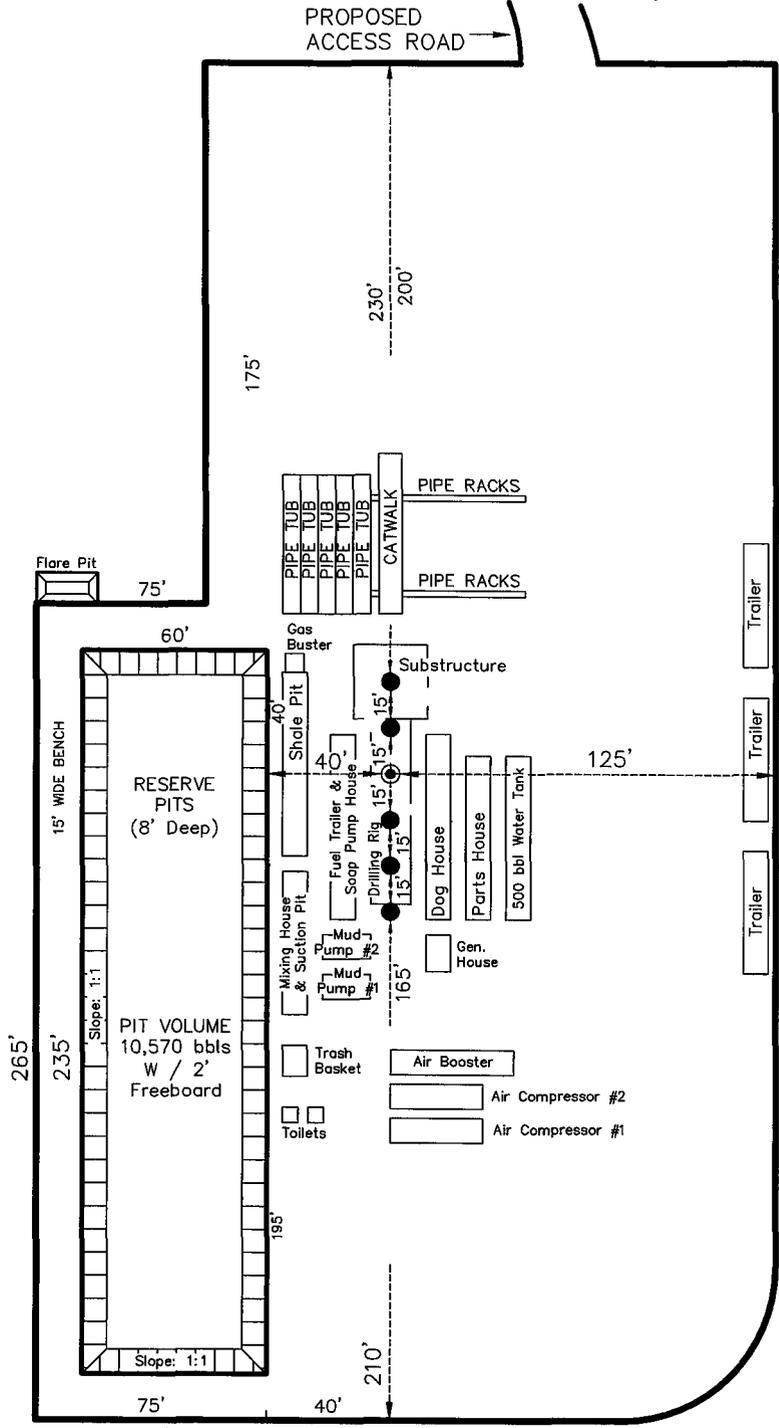
**Timberline** (435) 789-1365  
 Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
**5**  
 OF 11

# ENDURING RESOURCES

## TYPICAL RIG LAYOUT - ASPHALT WASH 11-24-44-6

Other wells on this pad: ASPHALT WASH 11-24-13-5, ASPHALT WASH 11-24-41-7,  
 ASPHALT WASH 11-24-14-5, ASPHALT WASH 11-24-24-5, ASPHALT WASH 11-24-23-5

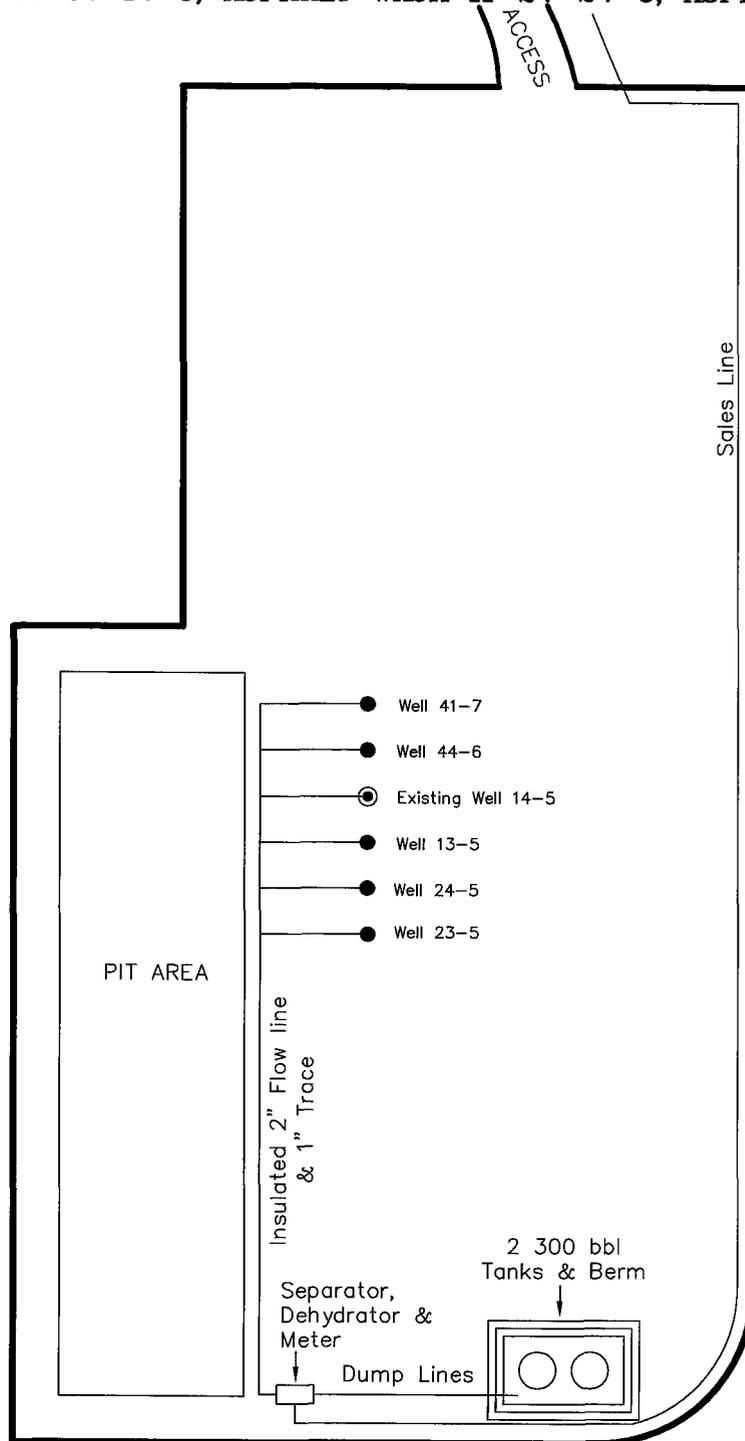


Section 5, T11S, R24E, S.L.B.&M. (Surface)			<b>Timberline</b> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET <span style="font-size: 24pt; font-weight: bold;">6</span> OF 11
Date Surveyed: 12-15-06	Date Drawn: 12-26-06	Date Last Revision:		
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'		

# ENDURING RESOURCES

## TYPICAL PRODUCTION LAYOUT - ASPHALT WASH 11-24-44-6

Other wells on this pad: ASPHALT WASH 11-24-13-5, ASPHALT WASH 11-24-41-7,  
 ASPHALT WASH 11-24-14-5, ASPHALT WASH 11-24-24-5, ASPHALT WASH 11-24-23-5



Section 5, T11S, R24E, S.L.B.&M. (Surface)

Date Surveyed:  
12-15-06

Date Drawn:  
12-26-06

Date Last Revision:

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

Surveyed By: M.S.B.

Drawn By: M.W.W.

Scale: 1" = 60'

SHEET  
**7**  
 OF 11



**LEGEND**

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

**ENDURING RESOURCES**

**Asphalt Wash 11-24-44-6**

Other wells on this pad: Asphalt Wash 11-24-14-5, Asphalt Wash 11-24-23-5, Asphalt Wash 11-24-24-5, Asphalt Wash 11-24-13-5 & Asphalt Wash 11-24-41-7

**SECTION 5, T11S, R24E, S.L.B.&M. (Surface)**

**TOPOGRAPHIC MAP "A"**

DATE SURVEYED: 12-15-06

DATE DRAWN: 12-26-06

SCALE: 1:100,000

DRAWN BY: M.W.V.

REVISED:

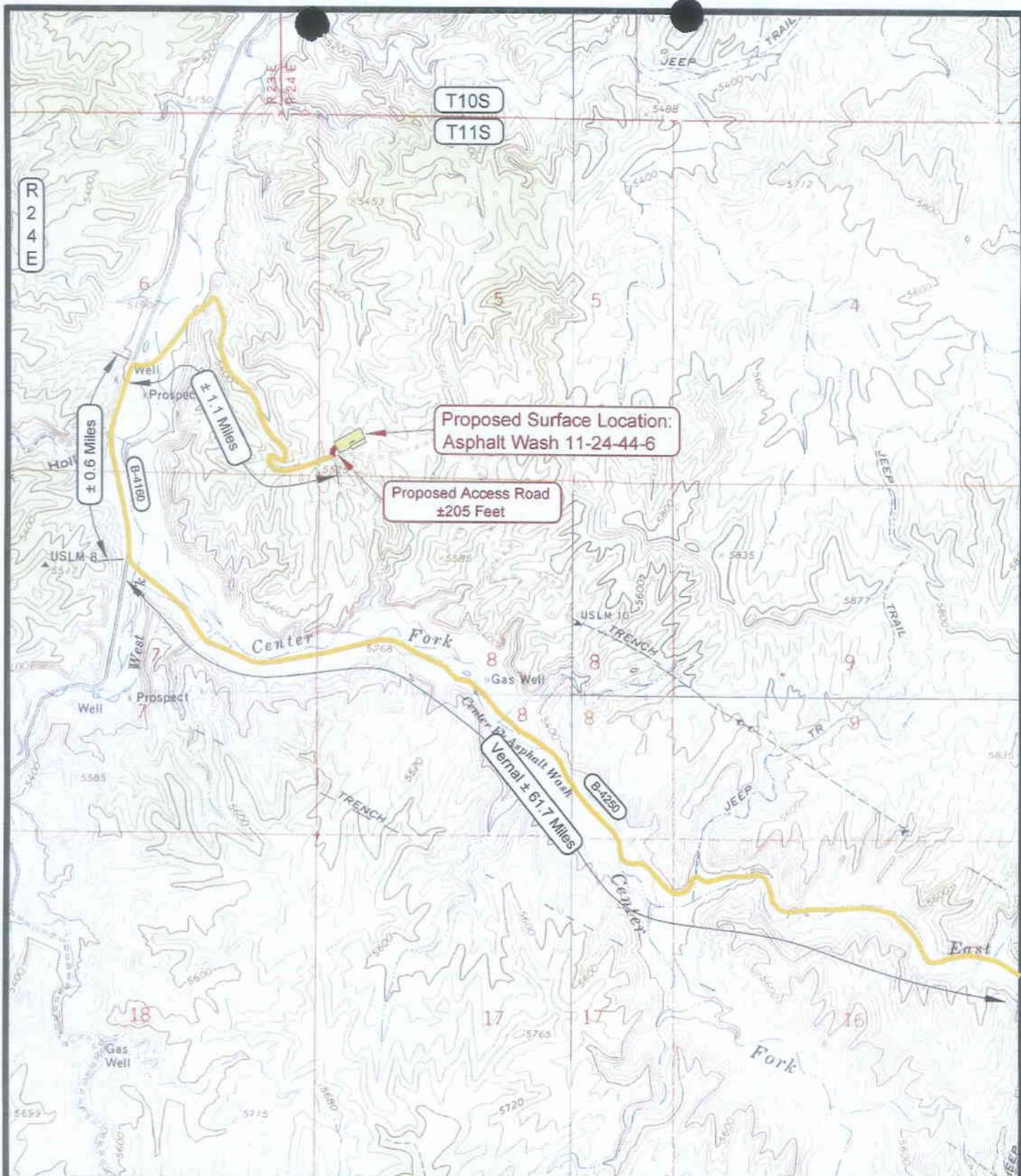
**Timberline Land Surveying, Inc.**

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

**SHEET**

**8**

**OF 11**



**LEGEND**

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

**TOPOGRAPHIC MAP "B"**

DATE SURVEYED: 12-15-06

DATE DRAWN: 12-26-08

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

**ENDURING RESOURCES**

**Asphalt Wash 11-24-44-6**

Other wells on this pad: Asphalt Wash 11-24-14-5, Asphalt Wash 11-24-23-5, Asphalt Wash 11-24-24-5, Asphalt Wash 11-24-13-5 & Asphalt Wash 11-24-41-7

**SECTION 5, T11S, R24E, S.L.B.&M. (Surface)**

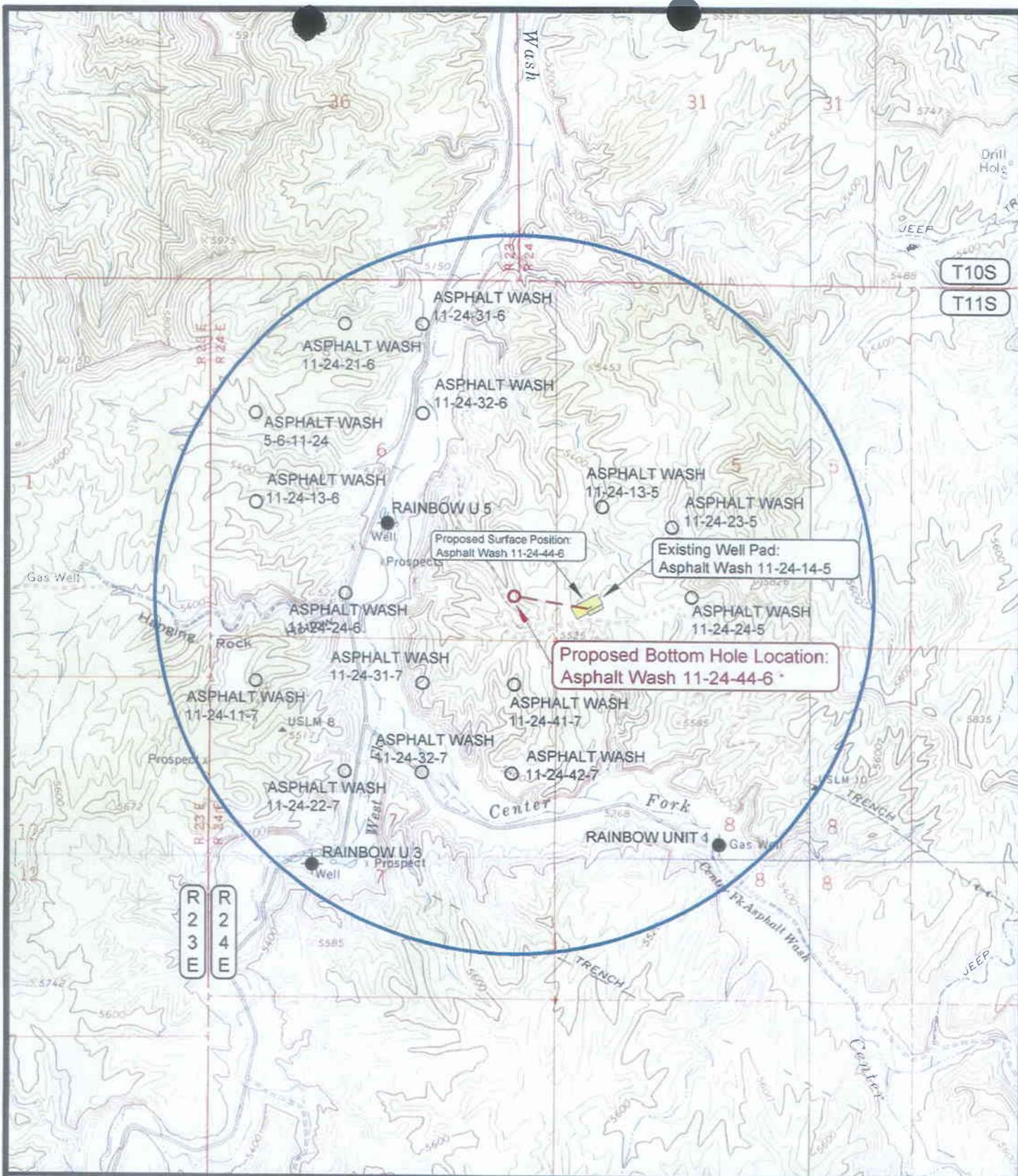
**Timberline Land Surveying, Inc.**

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

**SHEET**

**9**

**OF 11**



**LEGEND**

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

**ENDURING RESOURCES**

**Asphalt Wash 11-24-44-6**  
**Bottom Hole:**  
**SECTION 6, T11S, R24E, S.L.B.&M.**

**TOPOGRAPHIC MAP "C"**

DATE SURVEYED: 12-15-06

DATE DRAWN: 12-29-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

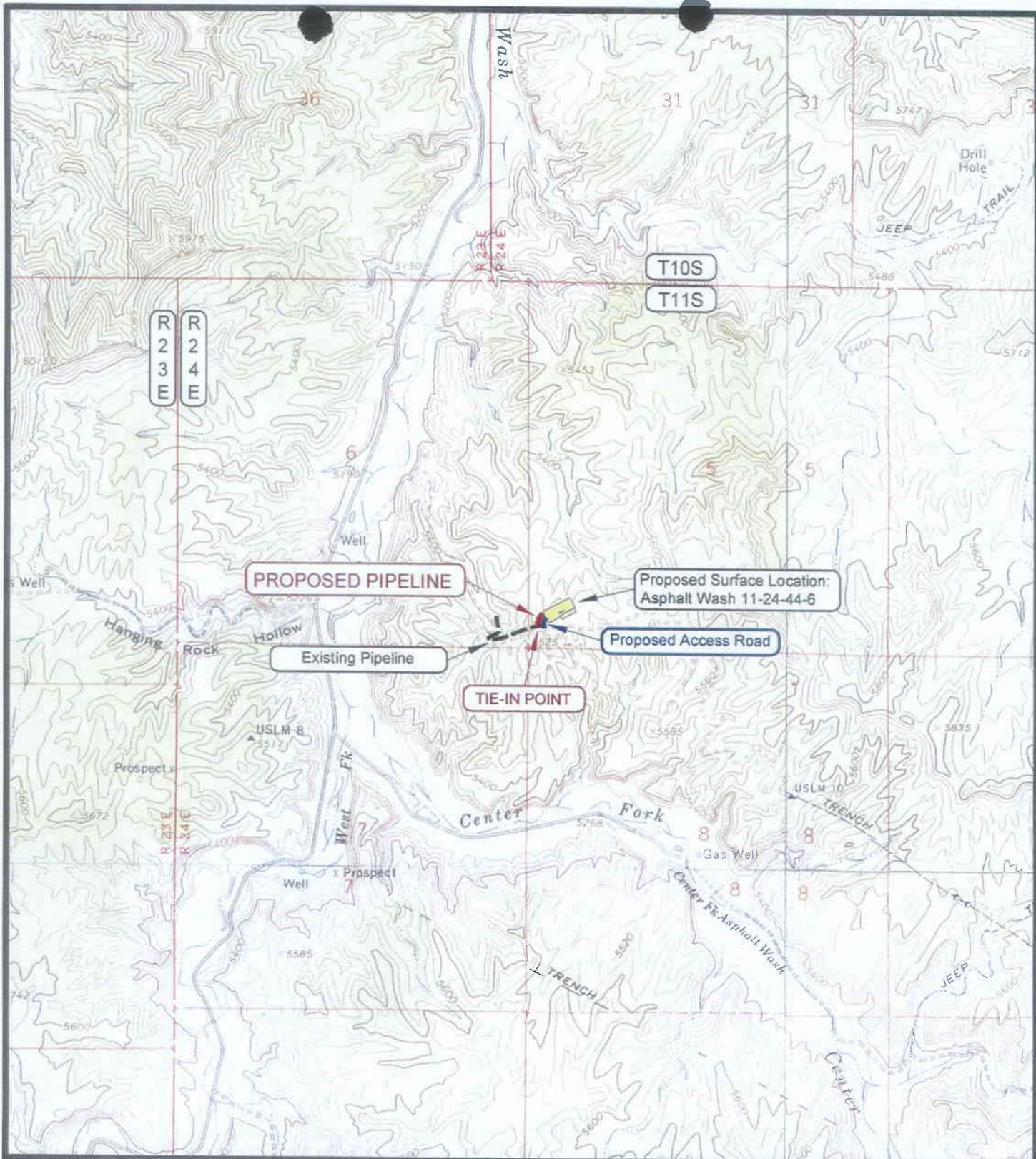
**Timberline Land Surveying, Inc.**

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

SHEET

**10**

OF 11



**APPROXIMATE PIPELINE LENGTH = ±225 FEET**

**LEGEND**

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

**ENDURING RESOURCES**

**Asphalt Wash 11-24-44-6**

Other wells on this pad: Asphalt Wash 11-24-14-5, Asphalt Wash 11-24-23-5, Asphalt Wash 11-24-24-5, Asphalt Wash 11-24-13-5 & Asphalt Wash 11-24-41-7

**SECTION 5, T11S, R24E, S.L.B.&M. (Surface)**

**TOPOGRAPHIC MAP "D"**

DATE SURVEYED: 12-15-06

DATE DRAWN: 12-27-06

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED:

**Timberline Land Surveying, Inc.**

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

**SHEET  
11  
OF 11**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/26/2007

API NO. ASSIGNED: 43-047-39167
--------------------------------

WELL NAME: ASPHALT WASH 11-24-44-6  
 OPERATOR: ENDURING RESOURCES, LLC ( N2750 )  
 CONTACT: EVETTE BISSETT

PHONE NUMBER: 303-350-5719

PROPOSED LOCATION:

SWSW 05 110S 240E  
 SURFACE: 0478 FSL 0453 FWL  
 BOTTOM: 0656 FSL 0660 FEL *SESE*  
 COUNTY: UINTAH  
 LATITUDE: 39.88513 LONGITUDE: -109.2617  
 UTM SURF EASTINGS: 648635 NORTHINGS: 4416245  
 FIELD NAME: UNDESIGNATED ( 2 )

*See*

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-73919  
 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. 49-2249 )
- 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 Unit

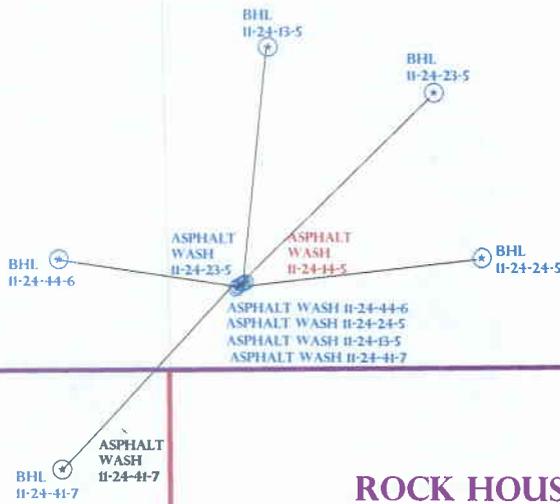
# NATURAL BUTTES FIELD

T10S R23E T10S R24E

T11S R24E

SOUTHAM CYN  
II-24-12-4

5



# ROCK HOUSE FIELD RAINBOW UNIT

OPERATOR: ENDURING RES LLC (N2750)

SEC: 5 T.11S R. 24E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

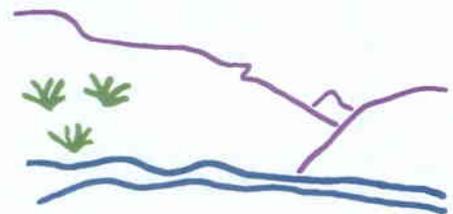
SPACING: R649-3-11 / DIRECTIONAL DRILLING

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

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

**Wells Status**

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 27-MARCH-2007



**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*

March 28, 2007

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

Re: Asphalt Wash 11-24-44-6 Well, Surface Location 478' FSL, 453' FWL,  
SW SW, Sec. 5, T. 11 South, R. 24 East, Bottom Location 656' FSL, 660' FEL,  
SE SE, Sec. 6, T. 11 South, R. 24 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 43-047-39167.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor (via e-mail)  
Bureau of Land Management, Vernal District Office

Operator: Enduring Resources, LLC  
Well Name & Number Asphalt Wash 11-24-44-6  
API Number: 43-047-39167  
Lease: UTU-73919

Surface Location: SW SW                      Sec. 5                      T. 11 South                      R. 24 East  
Bottom Location: SE SE                      Sec. 6                      T. 11 South                      R. 24 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 Dustin Doucet at (801) 538-5281

#### 3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

MAR 26 2007

Form 3160-3  
(April 2004)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		4. Lease Serial No. UTU-73919	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Enduring Resources, LLC		7. If Unit or CA Agreement, Name and No. N/A	
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202		8. Lease Name and Well No. Asphalt Wash 11-24-44-6	
3b. Phone No. (include area code) 303-350-5719		9. API Well No. 43 047 39167	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface Lot 5 SWSW 478' FSL - 453' FWL Lot 9 At proposed prod. zone SESE 6-11S-24E 656' FSL - 660' FEL Sec 6		10. Field and Pool, or Exploratory Undesignated	
14. Distance in miles and direction from nearest town or post office* 63.4 miles South of Vernal, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec 5 T11S R24E S.L.B.&M.	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 453'		12. County or Parish Uintah	
16. No. of acres in lease 1681		13. State UT	
17. Spacing Unit dedicated to this well 40 acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1000' +	
19. Proposed Depth 6768'		20. BLM/BIA Bond No. on file BLM - UTB000173	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5553' RT-KB		22. Approximate date work will start* 05/30/2007	
		23. Estimated duration 20 days	

24. Attachments

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

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

25. Signature <i>Evette Bissett</i>	Name (Printed/Typed) Evette Bissett	Date 03/21/2007
--	--	--------------------

Title  
Regulatory Affairs Assistant

Approved by (Signature) <i>Terry Kenicka</i>	Name (Printed/Typed) TERRY KENICKA	Date 3-6-2008
Title Assistant Field Manager Lands & Mineral Resources	Office	

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

**CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

MAR 10 2008

DIV. OF OIL, GAS & MINING

UDOGM

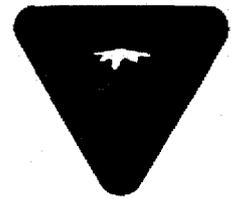
07PP1184A

NOS 1/11/07



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

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



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

<b>Company:</b>	<b>Enduring Resources , LLC</b>	<b>Location:</b>	<b>Lot 5, Sec. 5, T11S, R24E (S) Lot 9, Sec. 6, T11S, R24E (B)</b>
<b>Well No:</b>	<b>Asphalt Wash 11-24-44-6</b>	<b>Lease No:</b>	<b>UTU-73919</b>
<b>API No:</b>	<b>43-047-39167</b>	<b>Agreement:</b>	<b>N/A</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-4410

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

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

**NOTIFICATION REQUIREMENTS**

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

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

***Surface COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***Site Specific COAs:***

This well is located within the Resource Development Group (RDG) EIS project boundary, any **additional mitigation or COA's approved in the Final RDG EIS Record of Decision are also applicable to approval of this proposed action.**

**Mitigation**

- **Threatened and Endangered Fish Mitigation for Water Supply**
  1. The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
  2. If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
    - a. do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
    - b. limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (see above); and
    - c. limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
  3. Screen all pump intakes with ¼" mesh material.
  4. Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

**Northeastern Region**

152 East 100 North, Vernal, UT 84078

Phone: (435) 781-9453

- **Lease Notice for critical soils**  
Construction and drilling activities are limited to periods of dry or frozen soil conditions.

### Conditions Of Approval:

- The original access road that is no longer to be used shall have final reclamation performed within six months of the construction of the new access route.
- If Uinta Basin hookless cactus, White River beardtongue, Graham's beardtongue or other special status plants are found, construction shall cease and the AO shall be notified to determine the appropriate mitigation.
- The operator shall control noxious weeds along access road use authorizations, pipeline route authorizations, rights-of-way, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM weeds specialist or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal (PUP) be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- Pipelines shall be buried at all major drainage crossings.
- The reserve pit shall be lined with **16 ml** or greater liner to prevent pit leakage and at least **one felt liner (double felt as need to prevent pit leakage)** prior to spudding.
- All open pits shall be properly fenced and maintained during operations and until the pits are backfilled. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- The reserve pit shall be free of oil and other liquids and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to backfilling. The reserve pit must not be "squeezed", (filled with soil while still containing fluids) or cut (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- All permanent facilities, not regulated by OSHA, shall be painted the same color, **Olive Black**; within six months of installation.
- During construction the topsoil from the location shall be stripped and windrowed separately from the other excess material. The topsoil windrows shall be re-seeded using the interim seed mix and track walked or drag chained at the time the location is constructed. The topsoil removed from the pit area shall be stored separately and will not be re-seeded until the pit is reclaimed. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded using the interim seed mix listed below.
- Upon well completion, the well pad location up to the deadmen, shall be recontoured to the approximate natural contours and the stockpiled topsoil shall be spread evenly over the reclaimed area and then re-seeded using the interim seed mix.

- Reclamation:

Interim seed mix:

Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	2 lbs/acre
Indian Ricegrass	<i>Stipa hymenoides</i>	4 lbs/acre
Needle and Thread grass	<i>Stipa comatai</i>	4 lbs/acre
Wyoming Big Sagebrush	<i>Artemisia tridentata var. wyomingensis</i>	½ lbs/acre

Final reclamation seed mix:

Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	2 lbs/acre
Indian Ricegrass	<i>Stipa hymenoides</i>	4 lbs/acre
Needle and Thread grass	<i>Stipa comatai</i>	4 lbs/acre
Wyoming Big Sagebrush	<i>Artemisia tridentata var. wyomingensis</i>	½ lbs/acre

- All pounds are in pure live seed.
  - All seed and mulch shall be certified weed free.
  - Drill seeding is the preferred method.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - If broadcasting seed: The seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
  - Reseeding shall be required if initial seeding is not successful.
- Once the location is plugged and abandoned, the well location and access road shall be recontoured to the natural topography, topsoil shall be respread, and the entire location and access road shall be seeded with the final reclamation seed mix. Seed application shall follow all guidelines in the final reclamation seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum shall be walked into the soil with a dozer, immediately after the seeding is completed, or covered by soil using a drag chain.

***DOWNHOLE CONDITIONS OF APPROVAL:***

**SITE SPECIFIC DOWNHOLE COAs:**

- A surface casing shoe integrity test shall be performed.
- Production casing cement shall be at a minimum 200' above the surface shoe.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

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

**OPERATING REQUIREMENT REMINDERS:**

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

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company:                     **ENDURING RESOURCES, LLC**                    

Well Name:                     **ASPHALT WASH 11-24-44-6**                    

Api No:           **43-047-39167**                     Lease Type:           **FEDERAL**                    

Section   **05**   Township   **11S**   Range   **24E**   County   **UINTAH**                    

Drilling Contractor           **PETE MARTIN DRLG**                     RIG #   **RATHOLE**                    

**SPUDDED:**

Date           **07/09/08**                    

Time   

How           **DRY**                    

**Drilling will Commence:**           **AUGUST 21, 2008**                    

Reported by                     **AL ARLIAN**                    

Telephone #                     **(303) 573-1222**                    

Date           **08/21/08**                     Signed           **CHD**

475 17<sup>th</sup> Street, Suite 1500  
Denver, CO 80202  
Office (303) 573-1222  
Fax: (303) 573-0461

**Enduring Resources, LLC**

# Fax

<b>To:</b>	<b>Drilling Engineer</b>	<b>From:</b>	<b>Al Arlian 303-350-5114</b>
<b>Fax:</b>	<b>801-359-3940</b>	<b>Pages:</b>	
<b>Phone:</b>		<b>Date:</b>	<b>8/19/2008 9:49:49 AM</b>
<b>Re:</b>	<b>Change of Plans</b>	<b>e-mail:</b>	<b>aarlian@enduringresources.com</b>

Urgent     For Review     Please Comment     Please Reply     Please Recycle

• **Comments**

  2   Pages, including this Page.

**I have mailed hard copies (2) of this sundry today, but we are moving the rig tomorrow.**

**Could you get this sundry to the right engineer to get a fax approval to run more and bigger surface pipe to accommodate directional drilling.**

Please advise me if you have questions.

Al Arlian

**RECEIVED**  
**AUG 19 2008**  
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-73919

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. UNIT or CA AGREEMENT NAME:  
n/a

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

8. WELL NAME and NUMBER:  
Archy Bench 11-24-44-6

2. NAME OF OPERATOR:  
Enduring Resources, LLC

9. API NUMBER:  
4304739167

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

PHONE NUMBER:  
(303) 350-5114

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 478' FSL - 453' FWL BHL = SESE Sec 6-11S-24E

COUNTY: Uintah

QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 5 11S 24E S

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>8/20/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change Surface Pipe</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.

Change Surface Pipe to accommodate directional drilling...

From Depth of: 1,460'  
To Depth of: 2,000'

Size From: 8-5/8"  
Size To: 9-5/8"

COPY SENT TO OPERATOR

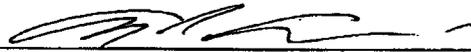
Date: 8-21-2008

Initials: KS

(This is a directional well being drilled from a multi-well pad in the SWSW Sec 5-11S-24E to BHL of SESE of Sec 6-11S-24E)

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

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE 8/19/2008

(This space for State use only)

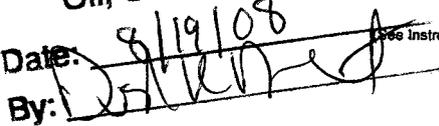
Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

RECEIVED

AUG 19 2008

DIV. OF OIL, GAS & MINING

Date: 8/19/08  
By: 

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

FORM 6

**ENTITY ACTION FORM**

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

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739167	Asphalt Wash 11-24-44-6		SWSW	5	11S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17032	7/9/2008		8/25/08		
Comments: <i>MVRD</i> Directional Well from multi-well pad. BHL is SESE of Sec 6, 11S-24E.							<b>CONFIDENTIAL</b>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738969	Hanging Rock 11-23-31-28		NWNE	28	11S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17033	8/19/2008		8/25/08		
Comments: <i>MVRD</i> BHL = NWNE							<b>CONFIDENTIAL</b>

**Well 3**

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

**ACTION CODES:**

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

Alvin R. (Al) Arlian

Name (Please Print)

Signature

Landman-Regulatory

Title

8/21/2008

Date

**RECEIVED**

AUG 21 2008

(5/2000)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-73919**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

7. UNIT or CA AGREEMENT NAME:  
n/a

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

8. WELL NAME and NUMBER:  
**Asphalt Wash 11-24-44-6**

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

9. API NUMBER:  
**4304739167**

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

PHONE NUMBER:  
**(303) 350-5114**

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

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **478' FSL - 453' FWL** BHL = SESE Sec 6-11S-24E

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWSW 5 11S 24E S**

STATE: **UTAH**

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

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

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

7-9-2008 MI SPUDDER RIG AND DRILL 40 FT OF 20" HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT IN PLACE WITH 3 YARDS OF READYMIX CEMENT.

8-25-2008 MI AND RIG UP BADGER DRILLING RIG #3 AND DRILL 12-1/4" HOLE TO 2,089' TVD. POOH LAYING DOWN DRILL PIPE. RIH 1 JNT CSG, FLOAT COLLAR, 48 JNTS CSG, J55, 8-5/8", 36# CSG TO 2,107' TMD, 15 CENT'ZER. CEMENT WITH...

(LEAD) 191 SX CEMENT, AND  
(TAIL) 225 SX CEMENT.

Stage: 1, Lead, 0, 191, HI-FILL, Class G, 3.82, 11.1

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

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

TITLE Landman - Regulatory Specialist

SIGNATURE 

DATE 8/28/2008

(This space for State use only)

**RECEIVED**

**SEP 02 2008**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73919
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
		7. UNIT or CA AGREEMENT NAME: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Archy Bench 11-24-44-6	
2. NAME OF OPERATOR: Enduring Resources, LLC		9. API NUMBER: 4304739167
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 478' FSL - 453' FWL BHL = SESE Sec 6-11S-24E		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 5 11S 24E S		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/14/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>First Gas Sales</u> Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

First Sales was 11/12/2008 at 1400 hours to ETC Canyon.  
Rate was 1.3 MMCFD on a 18/64 choke

Completion Report to Follow.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>11/14/2008</u>

(This space for State use only)

RECEIVED

NOV 18 2008

DIV. OF OIL, GAS & MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73919
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: 478' FSL - 453' FWL BHL = SESE Sec 6-11S-24E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 5 11S 24E S		8. WELL NAME and NUMBER: Asphalt Wash 11-24-44-6
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304739167
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/14/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>First Gas Sales</u> <u>Notice</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.

Name Correction on prior notice from Archy Bench 11-24-44-6 to Asphalt Wash 11-24-44-6

First Sales was 11/12/2008 at 1400 hours to ETC Canyon.  
Rate was 1.3 MMCFD on a 18/64 choke

Completion Report filed 12-3-2008.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>12/4/2008</u>

(This space for State use only)

RECEIVED  
DEC 08 2008  
DIV. OF OIL, GAS & MINING

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-73919

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

7. UNIT OF CA AGREEMENT NAME  
~~ASPHALT~~ ASPHALT

8. WELL NAME and NUMBER:  
Asphalt Wash 11-24-44-06

2. NAME OF OPERATOR:  
Enduring Resources, LLC

9. API NUMBER:  
4304739167

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

PHONE NUMBER:  
(303) 573-1222

10 FIELD AND POOL, OR WILDCAT  
Undesignated

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 478' FSL - 453' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: 656' FSL-660' FEL, SESE Sec 6, T11S, R24E  
AT TOTAL DEPTH: 656' FSL-660' FEL, SESE Sec 6, T11S, R24E *per HSM review*

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWSW 5 11S 24E S

12. COUNTY Uintah 13. STATE UTAH

14. DATE SPUDDED: 8/24/2008 16. DATE T.D. REACHED: 9/19/2008 16. DATE COMPLETED: 11/12/2008

17. ELEVATIONS (DF, RKB, RT, GL):  
5555 RKB

18. TOTAL DEPTH: MD 6,767 TVD 6,577 19. PLUG BACK T.D.: MD 6,747 TVD 6,557 20. IF MULTIPLE COMPLETIONS, HOW MANY? 4

21. DEPTH BRIDGE MD PLUG SET: TVD

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

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	line pipe	0	40		3 yards		0 (CIR)	0
12-1/4"	9 5/8 J55	36#	16	2,107		CI G 415	175	16 (CIR)	0
7-7/8"	4 1/2 N80	11.60#	16	6,759		CI G 1,200	306	756 (CBL)	0

25. TUBING RECORD

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

26. PRODUCING INTERVALS 27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	4,444	4,450	4,254	4,260	4,444 4,450	.38"	24	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Mesaverde	5,856	6,678	5,666	6,488	5,856 6,678	.38"	119	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4444 - 4450	Placed 19,318 lbs 20/40 lbs proppant in Wasatch formation
5856 - 6678	Placed 207,094 lbs 30/50 proppant in Mesaverde formation

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

**Producing RECEIVED**

DEC 08 2008

(5/2000) **CONFIDENTIAL**

(CONTINUED ON BACK)

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 11/12/2008		TEST DATE: 11/22/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,045	WATER - BBL: 18	PROD. METHOD: flowing
CHOKE SIZE: 18/64	TBG. PRESS. 250	CSG. PRESS. 850	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,045	WATER - BBL: 18	INTERVAL STATUS: Producing

INTERVAL B (As shown in Item #26)

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

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

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

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	2,989
				Wasatch	3,070
				Mesaverde	4,922

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Kevin Lee TITLE Engineering Tech  
 SIGNATURE  DATE 12/3/2008

This report must be submitted within 30 days of

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

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

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

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

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



Job Number: 42DEF0808690  
 Company: Scientific Drilling  
 Lease/Well: Asphalt Wash 11-24-44-6  
 Location: Asphalt Wash  
 Rig Name: Badger 3  
 RKB: 6567  
 G.L. or M.S.L.: 5538

State/Country: Utah  
 Declination: 11.304  
 Grid: True North  
 File name: C:\WINSERVE\11-44-6.SVY  
 Date/Time: 03-Sep-08 / 10:04  
 Curve Name: As Drilled

Scientific Drilling

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 279.15  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
130.00	.75	253.15	130.00	-.25	-.81	.76	.85	253.15	.58
217.00	3.10	252.20	216.94	-1.13	-3.60	3.37	3.77	252.56	2.70
309.00	6.44	260.48	308.61	-2.75	-11.06	10.48	11.39	256.06	3.70
406.00	9.71	273.39	404.64	-3.16	-24.59	23.78	24.80	262.68	3.83
498.00	11.28	279.42	495.10	-1.23	-41.22	40.50	41.24	268.29	2.08
594.00	12.23	279.84	589.09	2.04	-60.50	60.05	60.53	271.94	.99
706.00	12.59	278.07	698.47	5.79	-84.27	84.12	84.47	273.93	.47
799.00	13.18	285.39	789.14	10.02	-104.53	104.80	105.01	275.48	1.86
891.00	13.90	281.41	878.58	14.99	-125.48	126.26	126.37	276.81	1.28
983.00	15.27	275.25	967.62	18.29	-148.38	149.40	149.50	277.03	2.25
1075.00	16.78	278.35	1056.04	21.32	-173.58	174.76	174.89	277.00	1.89
1168.00	18.49	280.10	1144.67	25.86	-201.38	202.93	203.04	277.32	1.92
1262.00	20.49	277.60	1233.28	30.65	-232.37	234.29	234.38	277.51	2.30
1355.00	20.64	278.55	1320.36	35.24	-264.71	266.95	267.05	277.58	.39
1448.00	20.82	284.25	1407.34	41.75	-296.94	299.80	299.86	278.00	2.18
1542.00	20.56	283.42	1495.28	49.69	-329.19	332.90	332.92	278.58	.42
1635.00	20.91	282.18	1582.26	56.98	-361.30	365.76	365.76	278.96	.60
1729.00	20.61	279.12	1670.16	63.14	-394.03	399.06	399.06	279.10	1.20
1823.00	21.60	279.43	1757.85	68.60	-427.43	432.90	432.90	279.12	1.06
1917.00	22.23	278.21	1845.06	73.97	-462.10	467.99	467.99	279.09	.83
2011.00	22.08	277.65	1932.12	78.87	-497.21	503.43	503.43	279.01	.28
2046.00	22.44	279.14	1964.51	80.80	-510.33	516.68	516.68	279.00	1.91
2136.00	22.15	278.17	2047.78	85.94	-544.08	550.82	550.83	278.98	.52
2230.00	21.68	276.73	2134.99	90.49	-578.86	585.89	585.90	278.89	.76

RECEIVED

DEC 08 2008

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2323.00	20.73	277.76	2221.69	94.73	-612.23	619.51	619.52	278.80	1.10
2448.00	19.35	278.28	2339.12	100.70	-654.65	662.33	662.35	278.74	1.11
2542.00	17.53	282.17	2428.29	105.93	-683.90	692.04	692.06	278.80	2.34
2636.00	16.61	282.22	2518.15	111.76	-710.87	719.60	719.60	278.93	.98
2730.00	17.85	280.21	2607.93	117.15	-738.18	747.42	747.42	279.02	1.46
2823.00	19.59	282.92	2696.01	123.17	-767.41	777.23	777.23	279.12	2.09
2917.00	19.07	281.95	2784.71	129.87	-797.79	808.29	808.29	279.25	.65
3010.00	19.01	283.28	2872.62	136.50	-827.40	838.57	838.58	279.37	.47
3104.00	17.35	282.16	2961.93	142.96	-856.00	867.84	867.86	279.48	1.80
3197.00	18.75	282.73	3050.35	149.18	-884.14	896.61	896.63	279.58	1.52
3292.00	20.36	285.19	3139.87	156.87	-914.98	928.28	928.33	279.73	1.90
3386.00	23.71	281.87	3226.99	165.05	-949.27	963.43	963.51	279.86	3.80
3480.00	23.20	281.13	3313.23	172.51	-985.93	1000.82	1000.91	279.92	.63
3573.00	20.84	279.58	3399.44	178.80	-1020.22	1035.67	1035.77	279.94	2.61
3667.00	18.81	272.10	3487.88	182.14	-1051.86	1067.44	1067.51	279.82	3.45
3761.00	15.86	270.13	3577.60	182.72	-1079.86	1095.17	1095.21	279.60	3.20
3857.00	12.31	269.76	3670.70	182.71	-1103.21	1118.23	1118.24	279.40	3.70
3947.00	9.39	276.14	3759.08	183.46	-1120.11	1135.03	1135.04	279.30	3.50
4041.00	5.91	269.10	3852.23	184.20	-1132.58	1147.46	1147.46	279.24	3.83
4134.00	4.45	265.22	3944.85	183.83	-1140.96	1155.68	1155.68	279.15	1.61
4228.00	2.16	254.16	4038.69	183.04	-1146.30	1160.82	1160.82	279.07	2.52
4322.00	1.24	156.33	4132.66	181.62	-1147.60	1161.88	1161.88	278.99	2.80
4415.00	1.42	164.57	4225.64	179.59	-1146.89	1160.85	1160.86	278.90	.28
4509.00	1.52	159.67	4319.61	177.30	-1146.14	1159.75	1159.78	278.79	.17
4603.00	1.70	160.50	4413.57	174.82	-1145.25	1158.47	1158.51	278.68	.19

2164

175 -1145

4603

4914

6767

6487 → 6572



**Enduring Resources, LLC**

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

**Drilling Chronological**  
**Regulatory**

<b>Well Name: ASPHALT WASH 11-24-44-06</b>					
Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern
Project AFE:	DV00882	AFEs Associated:			///

<b>Daily Summary</b>					
Activity Date :	8/8/2008	Days From Spud :	0	Current Depth :	0 Ft
				24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING		Rig Name:	BADGER #3	
Formation :		Weather:			

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	Set 40' of 14" conductor	0	0	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	8/19/2008	Days From Spud :	0	Current Depth :	0 Ft
				24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING		Rig Name:	BADGER #3	
Formation :		Weather:			

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	RIG MOVE/ 50% RIG ON LOC.	0	0	NIH
18:00	12.00	24	WAIT ON DAYLIGHT	0	0	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	8/20/2008	Days From Spud :	0	Current Depth :	0 Ft
				24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING		Rig Name:	BADGER #3	
Formation :		Weather:			

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	75% RIGGED UP/ SUB SET, DRAWWORKS ON FLOOR, MUD TANKS SET, GENERATORS SET, MUD PUMPS SET, DERRICK PINNED ON SUB ANS SET ON HEADACHE RACK. GAS BUSTER AND CHOKE HOUSE SPOTTED.	0	0	NIH
18:00	12.00	24	WAIT ON DAYLIGHT/ WELDERS WORKING ON DAY/DIESEL/TANK	0	0	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	8/21/2008	Days From Spud :	0	Current Depth :	0 Ft
				24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING		Rig Name:	BADGER #3	
Formation :		Weather:			

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	RIG 100% SPOTTED AND SET. 90% RIGGED UP. RAISE DERRICK, RIG UP FLOOR, SET BOP STACK UNDER SUB HANG OUT OF WAY OF RISER, CUT AND FIT RISER TO FIT FLOW LINE. HANG V-DOOR SET CAT WALK, PIPE RACKS, DIR-TOOLS WILL BE ON LOC. MID MORNING.	0	0	NIH
18:00	12.00	24	WAIT ON DAYLIGHT.	0	0	NIH
Total:	24.00					

**RECEIVED**

**DEC 08 2008**

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>8/22/2008</b>	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	01	R/U FRONT YARD, WELD/FIT 14" CONDUCTOR PIPE.	0	0	NIH
11:00	7.00	08	RIG REPAIR/ WORK ON ELECTRICAL	0	0	NIH
18:00	12.00	08	RIG REPAIR WORK ON ELECTRICAL	0	0	NIH
<b>Total:</b>	<b>24.00</b>					

**Daily Summary**

Activity Date :	<b>8/23/2008</b>	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	08	WAIT/ AND WORK ON ELECTRICAL	0	0	NIH
18:00	8.00	01	R/U FLOOR, INSTALL BEVER SLIDE, SET CAT WALK ANS PIPE RACKS, INSTALL MOUSE HOLE.	0	0	NIH
2:00	2.00	08	WELDER REPAIR FORK FIFT	0	0	NIH
4:00	2.00	01	ASSEMBLE, SWIVEL, KELLY SPINNERS, KELLY. KELLY HOSE, SAVER SUBS , ECT. INSTALL KELLY SOCK IN RAT HOLE.	0	0	NIH
<b>Total:</b>	<b>24.00</b>					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
0		0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	11.60	0.00	0.00	0.00	180	675	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0												

**Daily Summary**

Activity Date :	<b>8/24/2008</b>	Days From Spud :	0	Current Depth :	367 Ft	24 Hr. Footage Made :	311 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Green River			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	01	MAKE UP KELLY AND KELLY SPINNERS / START P/U DIR TOOLS	0	0	NIH
7:00	3.50	20	START IN HOLE W/ 12 1/4" BIT & MUD MOTOR, START DRILLING 30' DRILLED TO 56"	0	0	NIH
10:30	7.50	20	DRILL & SLIDE F/ 56' TO 1' 161'	56	161	1
18:00	12.00	20	DRILL AND SLIDE F/ 161' TO/ 367'	161	367	1
<b>Total:</b>	<b>24.00</b>					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
367	6:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	11.60	0.00	0.00	0.00	180	680	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0		PUMPING SWEEPS EVERY 2 TO 3 CONECTIONS./ W/ SMALL AMOUNT OF LCM. HOLE WAS SEAPING, BUT SEEMS TO BE HOLDING NOW.										

**RECEIVED**

**DEC 08 2008**

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	8/25/2008	Days From Spud :	0	Current Depth :	827 Ft	24 Hr. Footage Made :	460 Ft
Rig Company :	BADGER DRILLING			Rlg Name:	BADGER #3		
Formation :	Green River			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8:00	20	DRILL & SLIDE F/ 367' T/ 521'	367	521	1
14:00	2:00	20	DRILL & SLIDE F/ 521' T/ 550' LOST 40% CIRCULATION/ MIX LCM, 95 % HEALED. DRILLING AHEAD. LOST 400 BBL	521	550	1
16:00	2:00	20	DRILL & SLIDE F/ 550' T/ 612'	550	612	1
18:00	1:00	20	DRILL & SLIDE F/ 612' T/ 674	612	674	1
19:00	4:00	06	CIR HOLE CLEAN/ TOOH CHANGED OUT MWD TOOL, TIH. TAG NO FILL.	674	674	1
23:00	7:00	20	DRILL & SLIDE F/ 674' T/ 827' LOOSING 10 % RETURNS MIXING LCM, 380BBL LOST.	674	827	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
827	6:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.30	0.00	0.00	0.00	160	700	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0												

**Daily Summary**

Activity Date :	8/26/2008	Days From Spud :	0	Current Depth :	1284 Ft	24 Hr. Footage Made :	457 Ft
Rlg Company :	BADGER DRILLING			Rlg Name:	BADGER #3		
Formation :	Green River			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8:00	20	DRILL & SLIDE F/ 827' T/ 1072'	827	1072	1
14:00	0:50	05	WORK ON DIR-TOOLS	1072	1072	1
14:30	3:50	06	TOOH / WORK ON DIR-TOOLS	1072	1072	1
18:00	2:00	06	FINISH WORK ON DIR-TOOLS & TIH	1072	1072	1
20:00	8:00	20	DRILL & SLIDE F/ 1072 T/ 1259	1072	1259	1
4:00	0:50	07	SERVICE RIG	1259	1259	1
4:30	0:50	05	CHECK FOR FLOW/ BUILD SWEEP W/ GEL AND WEIGHT UP. START PUMPING SWEEPS	1259	1259	1
5:00	1:00	20	DRILL & SLIDE F/ 1259 T/ 1284	1259	1284	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1258	5:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.30	0.00	0.00	0.00	160	700	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0												

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1258	5:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.00	0.00	0.00	0.00	160	720	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0		@ 04:00 STARTED TAKING SMALL WATER FLOW/ DEPTH 1258' START TO GEL & MUD UP SWEEPS										

**RECEIVED**

**DEC 08 2008**

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	8/27/2008	Days From Spud :	0	Current Depth :	1994 Ft	24 Hr. Footage Made :	710 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Green River			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	20	DRILL & SLIDE F/ 1284 T/ 1507'	1284	1507	1
13:30	0.50	07	SERVICE RIG	1507	1507	1
14:00	4.00	20	DRILL & SLIDE F/ 1507' T/ 1601'	1507	1601	1
18:00	12.00	20	DRILL & SLIDE F/ 1601' T/ 1994'	1601	1994	1
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1900	5:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.30	0.00	0.00	0.00	160	780	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	8.4	0		NO WATER LOST LAST 24 HRS										

**Daily Summary**

Activity Date :	8/28/2008	Days From Spud :	0	Current Depth :	2105 Ft	24 Hr. Footage Made :	111 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Green River			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	20	DRILL & SLIDE F/ 1994 T/ 2105 M.D.	1994	2105	1
10:00	0.50	05	PUMP HI VIS SWEEP	2105	2105	1
10:30	1.50	06	SHORT TRIP TO HWDP	2105	2105	1
12:00	1.00	05	CIRC & COND, PUMP HI VIS SWEEP	2105	2105	1
13:00	0.50	07	RIG SERVICE	2105	2105	1
13:30	2.50	06	POH, L/DOWN 3 DC'S AND MUD MTR	2105	2105	1
16:00	2.00	12	HOLD SAFETY MTG W/ CALIBER CASING	2105	2105	1
18:00	3.00	12	WELD SHOE, SHOE JT AND FLOAT, RUN 9 5/8 CASING, MD - 2089 / TVD - 2002 MINUS 16' KB	2105	2105	1
21:00	2.50	05	CIRC, TAG BTM, RIG DOWN CASERS	2105	2105	NIH
23:30	1.00	12	SAFETY MTG HELD W/ PRO PETRO, PUMP CEMENT,	2105	2105	NIH
0:30	3.50	21	DRAIN CONDUCTOR, FLUSH FLOWLINE, MAKE ROUGH CUT	2105	2105	NIH
4:00	2.00	22	WELD ON HEAD, PREPARE FRONT YARD TO SET IN STACK	2105	2105	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2105	0:00	8.40	0.00	28	1	0	0/0/0	0.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.10	0.00	0.00	0.00	140	700	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	8.4	0												

**RECEIVED**

**DEC 08 2008**

DIV. OF OIL, GAS & MINING

Powered by Production Access

12/3/2008

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	8/29/2008	Days From Spud :	0	Current Depth :	2105 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Green River			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	21	TEST WELLHEAD TO 1500 PSI, R/DOWN FRONT YARD TO INSTALL BOP'S	2105	2105	NIH
9:30	7.00	14	NIPPLE UP BOP'S	2105	2105	NIH
16:30	0.50	07	RIG SERVICE	2105	2105	NIH
17:00	6.00	15	RIG UP TESTERS AND TEST BOP'S	2105	2105	NIH
23:00	0.50	22	SET WEAR BUSHING	2105	2105	NIH
23:30	3.50	13	RIG UP FLOWLINE, FLARE LINE AND GAS BUSTER	2105	2105	NIH
3:00	3.00	06	P/UP BHA W/ DIRECTIONAL DRILLER AND ORIENTATE TOOLS, TIH	2105	2105	NIH
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2105	0:00	8.40	0.00	28	1	0	0/0/0	0.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.10	0.00	0.00	0.00	140	700	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	8.4	0												

**Daily Summary**

Activity Date :	8/30/2008	Days From Spud :	0	Current Depth :	3010 Ft	24 Hr. Footage Made :	905 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	06	TIH, TAG CEMENT @ 1986	2105	2105	NIH
6:30	4.00	03	DRILLING CEMENT AND FLOAT EQUIPMENT	2105	2105	2
10:30	0.50	21	DRILL 5' NEW FORMATION AND DO FIT TEST, 160 PSI, 10.5 EQVELENT, HOLD 10 MIN	2105	2110	2
11:00	2.50	02	DRILLING AND SLIDING F/ 2110 TO 2222	2110	2222	2
13:30	0.50	07	RIG SERVICE	2222	2222	2
14:00	16.00	02	DRILLING AND SLIDING F/ 2222 TO 3010	2222	3010	2
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2550	1:00	8.60	0.00	36	1	0	0/0/0	0.0	0.0	0	0.00	1.0%	99.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.60	0.00	0.00	0.00	140	800	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	8.6	0												

**RECEIVED**

**DEC 08 2008**

DIV. OF OIL, GAS & MINING

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>8/31/2008</b>	Days From Spud :	0	Current Depth :	3760 Ft	24 Hr. Footage Made :	750 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	DIRECTIONAL DRLG, 3010 TO 3191	3010	3191	2
11:00	0.50	06	RIG SERVICE	3191	3191	2
11:30	1.50	08	WORK ON MUD PUMPS.	3191	3191	2
13:00	5.00	02	DIRECTIONAL DRLG F 3191 TO 3316	3191	3316	2
18:00	1.00	02	DIRECTIONAL DRLG F/ 3316 TO 3357	3316	3357	2
19:00	1.00	08	WORK ON MUD PUMPS	3357	3357	2
20:00	10.00	02	DIRECTIONAL DRLG F/ 3357 TO 3760	3357	3760	2
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3360	1:00	9.10	0.00	42	12	26	9/20/29	28.0	0.0	0	0.00	3.0%	97.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
5.0	11.40	1.40	1.00	0.50	120	280		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	9.2	0		MUD UP @ 3300'										

**Daily Summary**

Activity Date :	<b>9/1/2008</b>	Days From Spud :	0	Current Depth :	4430 Ft	24 Hr. Footage Made :	670 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	02	DIRECTIONAL DRILLING F/ 3760 TO 3909	3760	3909	2
13:30	2.00	05	CIRC AND BUILD MUD WT TO 9.8 (SPLINTERED SHALE)	3909	3909	2
15:30	2.50	02	DIRECTIONAL DRILLING F/ 3909 TO 4001	3909	4001	2
18:00	12.00	02	DIRECTIONAL DRILLING F/ 4001 TO 4430	4001	4430	2
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4061	1:00	9.80	0.00	43	13	30	12/26/28	12.0	0.0	0	0.00	10.0%	90.0%	0.0%	0.7%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
5.0	10.30	0.80	0.30	0.85	120	640		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	9.9	0		RAISED MUD WT TO 9.8 DUE TO SPLINTERED SHALE.										

**RECEIVED**

**DEC 08 2008**

DIV. OF OIL, GAS & MINING

Well Name: ASPHALT WASH 11-24-44-06												
Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT							
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern							
Daily Summary												
Activity Date :	9/2/2008	Days From Spud :	0	Current Depth :	4721 Ft	24 Hr. Footage Made :	291 Ft					
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3							
Formation :				Weather:								
Operations												
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run
6:00	0.50	02	DIRECTIONAL DRILLING F/ 4430 TO 4471							4430	4471	2
6:30	0.50	05	CIRC BTMS UP FOR SHORT TRIP							4471	4471	2
7:00	2.50	06	POH TO HWDP, SLM, .5 FT OFF PIPE TALLY							4471	4471	2
9:30	2.50	06	TIH TO 4700							4471	4471	2
12:00	0.50	03	REAM 75' TO BOTTOM 5' FILL							4471	4471	2
12:30	0.50	07	RIG SERVICE							4471	4471	2
13:00	5.00	02	DIRECTIONAL DRILLING F/ 4471 TO 4621							4471	4621	2
18:00	2.00	02	DIRECTIONAL DRILLING F/ 4621 TO 4721							4621	4721	2
20:00	10.00	08	AIR DIAPHRAM ON ROTARY CLUTCH BLEW, PICKED UP OFF BTM TO REPAIR AIR LEAK, COULD RECIPROCATATE PIPE , PIPE STUCK.							4721	4721	2
Total:	24.00											

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4720	0:00	10.00	0.00	44	10	25	12/22/28	12.0	0.0	0	0.00	12.0%	88.0%	0.0%	0.7%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
6.0	10.30	0.60	0.25	0.70	140	580		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.1	0													

Daily Summary																
Activity Date :	9/3/2008	Days From Spud :	0	Current Depth :	4721 Ft	24 Hr. Footage Made :	0 Ft									
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3											
Formation :				Weather:												
Operations																
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run				
6:00	24.00	08	WORKING STUCK PIPE @ 4698							4721	4721	2				
Total:	24.00															
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4721	0:00	9.80	0.00	38	10	20	6/10/29	10.0	0.0	0	0.00	6.0%	94.0%	0.0%	0.5%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
5.0	10.60	0.60	0.20	0.80	120	600	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	9.9	0		DUMPED AND CLEANED SUCTION PIT (SOLIDS)											

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	<b>9/4/2008</b>	Days From Spud :	0	Current Depth :	4721 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Wasatch			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	08	WORK STUCK PIPE WITH PIPE LAX PILL SPOTTED @ 4690	4721	4721	2
10:00	4.00	08	SPOT PIPE LAX AND DIESEL PILL @ 2055, WORK STUCK PIPE	4721	4721	2
14:00	0.50	08	RIG SERVICE	4721	4721	2
14:30	4.00	08	WORK STUCK PIPE WITH PIPE LAX PILL SPOTTED @ 2055, MOVING PILL 1 BBL EVERY HR.	4721	4721	2
18:30	1.00	08	CLUTH ON DRAWWORKS SLIPPING DUE TO LACK OF AIR, CHANGE OUT QUICK RELEASE ON AIR LINE, CRIPPLE PUMP.	4721	4721	2
19:30	3.50	08	SAFETY MEETING HELD WITH DCT, RIG TO RUN FREE POINT, RUN FREE POINT, PIPE COMPLETELY STUCK @ 2239'	4721	4721	2
22:30	3.00	08	LAY DOWN FREE POINT, RUN CHARGE IN HOLE AND BACK OFF PIPE @ 2046, RIG DOWN DCT.	4721	4721	2
1:30	1.50	08	POH WITH 21 STDS AND DBL. SLM	4721	4721	2
3:00	3.00	08	P/UP 9 DC'S AND SET OF STRING JARS WITH WEATHERFORD FISHERMAN	4721	4721	2
Total:	24.50					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4721	0:00	9.70	0.00	45	16	13	4/12/19	3.0	0.0	0	0.00	3.0%	97.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
4.5	10.50	0.55	0.18	0.45	120	600	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	9.9	0												

**Daily Summary**

Activity Date :	<b>9/5/2008</b>	Days From Spud :	0	Current Depth :	4721 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Wasatch			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	08	MAKE UP FISHING JARS AND 9 6.5 DC'S	4721	4721	2
8:00	2.00	08	SCREW INTO FISH @ 2046 AND JAR UP TO 250K, DOWN TO 50K, JARRED FISH DOWN 15', FISH CAME FREE	4721	4721	2
10:00	2.50	08	POH, CHAIN OUT	4721	4721	2
12:30	1.50	08	L/DOWN FISHING JARS	4721	4721	2
14:00	4.00	08	POH, LAY DOWN DIRECTIONAL TOOLS	4721	4721	2
18:00	12.00	08	MAKING RIG REPAIRS	4721	4721	2
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4721	0:00	9.70	0.00	42	12	14	5/14/18	15.0	0.0	0	0.00	6.0%	94.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
3.0	10.30	0.40	0.15	0.70	120	560		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	9.9	0												

**RECEIVED**

**DEC 08 2008**

<b>Well Name: ASPHALT WASH 11-24-44-06</b>					
Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	9/6/2008	Days From Spud :	0	Current Depth :	4721 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	08	RIG REPAIR, GENERATOR, DRUM CLUTCH AND ROTARY CLUTCH, BEGIN TIH @ 1530	4721	4721	2
18:00	12.00	08	TIH, FILL @ SHOE, HOLE IN GOOD SHAPE, TAG @ 4604', BREAK CIRC ANFD REAM, DRAWWORKS SURGING, AND #2 PUMP KICKED OFF LINE, WOULD NOT RESTART, TIH TO HWDP.	4721	4721	2

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4721	0:00	9.80	0.00	58	11	18	6/15/20	14.0	0.0	0	0.00	6.0%	94.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
5.0	9.80	0.40	0.15	0.70	140	560		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	10.4	0		MUD HS BEEN SITTING HOLE 96 HRS. ONLY CIRCULATED 2 HRS BEFORE GETTING THIS MUD CHECK.										

**Daily Summary**

Activity Date :	9/7/2008	Days From Spud :	0	Current Depth :	4817 Ft	24 Hr. Footage Made :	96 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.50	08	RIG REPAIR ON TRACTION MOTOR ON DRAWWORKS, AND MUD PUMP 2	4721	4721	3
14:30	2.50	08	TIH TO 4615	4721	4721	3
17:00	2.50	08	WASH AND REAM F/ 4515 TO 4721, TOURQE DUE TO MUD	4721	4721	3
19:30	1.00	08	CIRCULATE AND CONDITION MUD	4721	4721	3
20:30	3.00	02	DRILLING F/ 4721 TO 4817	4721	4817	3
23:30	1.00	08	ATTEMPT TO REPAIR ROTARY CHAIN	4817	4817	3
0:30	2.00	06	POH 30 STDS TO SHOE	4817	4817	3
2:30	3.00	08	REPAIR ROTARY CHAIN	4817	4817	3
5:30	0.50	08	TIH	4817	4817	3

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4780	22:00	9.80	0.00	50	10	20	6/16/18	15.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	9.00	0.25	0.15	0.30	180	600		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	10.4	105												

**RECEIVED**

**DEC 08 2008**

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

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	9/8/2008	Days From Spud :	0	Current Depth :	4817 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	08	TIH TO 4772'	4817	4817	3
7:00	0.50	08	ATTEMPT TO ROTATE, DRAWWORKS SHUTTING DOWN.	4817	4817	3
7:30	3.00	08	POH TO HWDP	4817	4817	3
10:30	19.50	08	WORKING ON POWER PROBLEM WITH SCR ELECTRICIAN, CATHEAD ON MAKE UP SIDE WENT OUT.	4817	4817	3

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4817	22:00	9.80	0.00	50	10	20	6/16/18	15.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
15.0	9.00	0.25	0.15	0.30	180	600		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	10.4	105												

**Daily Summary**

Activity Date :	9/9/2008	Days From Spud :	0	Current Depth :	4817 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	08	WORK WITH SCR ELECTRICIAN, WAIT ON MAKE UP CATHEAD.	4817	4817	3
18:00	2.50	08	RIG REPAIR WORK ON CATHEAD	4817	4817	3
20:30	2.50	08	TIH TO SHOE FILL PIPE, FINISH TIH T/ 4760	4817	4817	3
23:00	2.00	08	REAM 60' TO BOTTOM, CIRCULATE AROUND.	4817	4817	3
1:00	5.00	08	TOOH TO REPAIR BROKE ROTARY CHAIN	4817	4817	3

Total: 24.00

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4817	23:50	9.80	0.00	40	7	20	5/8/16	16.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
12.5	9.10	0.25	0.15	0.25	180	560		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	10.4	87												

**RECEIVED**

**DEC 08 2008**

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

Well Name: ASPHALT WASH 11-24-44-06																
Field Name: Oil Springs			S/T/R: 5/T11S/R24E			County, State: UINTAH, UT										
Operator: Enduring Resources, LLC			Location Desc:			District: Northern										
Daily Summary																
Activity Date :		9/10/2008		Days From Spud :		0		Current Depth :		4817 Ft		24 Hr. Footage Made :		0 Ft		
Rig Company :			BADGER DRILLING			Rig Name:			BADGER #3							
Formation :						Weather:										
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	1.00	08	POH, L/DOWN BIT AND BIT SUB										4817	4817	3	
7:00	1.00	08	PULL WEAR RING, INSPECT AND RESET										4817	4817	3	
8:00	10.00	08	REPAIR RIG, DRAW WORKS BEARING										4817	4817	3	
18:00	12.00	08	REPAIR RIG, DRAWWORKS BEARING										4817	4817	3	
	0.00												4817	4817	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4817	22:50	9.80	0.00	38	7	18	4/7/15	18.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
12.5	8.90	0.25	0.15	0.25	180	560		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.1	87													
Daily Summary																
Activity Date :		9/11/2008		Days From Spud :		0		Current Depth :		4817 Ft		24 Hr. Footage Made :		0 Ft		
Rig Company :			BADGER DRILLING			Rig Name:			BADGER #3							
Formation :			Mesaverde			Weather:										
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	12.00	08	WAIT ON PARTS										4817	4817	3	
18:00	9.50	08	WORK ON ROTARY, REPLACE BEARING IN SPROKET. RIGHT ANGEL DRIVE.										4817	4817	3	
3:30	2.50	06	P/U MM, & BIT. L/D 3 DRILL COLLARS. TIH.										4817	4817	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4817	23:00	9.80	0.00	38	7	18	4/7/15	18.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
12.5	8.90	0.25	0.15	0.25	180	560		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.1	87													

RECEIVED  
DEC 08 2008

Well Name: ASPHALT WASH 11-24-44-06																
Field Name:		Oil Springs			S/T/R:		5/T11S/R24E			County, State:		UINTAH, UT				
Operator:		Enduring Resources, LLC			Location Desc:					District:		Northern				
Daily Summary																
Activity Date :		9/12/2008		Days From Spud :		0		Current Depth :		4998 Ft		24 Hr. Footage Made :		181 Ft		
Rig Company :		BADGER DRILLING			Rig Name:		BADGER #3									
Formation :		Mesaverde			Weather:											
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.50	06	TIH										4817	4817	3	
8:30	1.50	03	WASH & REAM F/ 4738 T/ 4817 15' FILL ON BOTTOM										4817	4817	3	
10:00	3.00	02	DRILL F/ 4817 T/ 4928										4817	4928	3	
13:00	0.50	07	SERVICR RIG										4928	4928	3	
13:30	1.50	02	DRILL F/ 4928 T/ 4998										4928	4998	3	
15:00	3.00	08	PUMP SWEEP, TOOHP TO SHOE FOR BROKEN CHAIN										4998	4998	3	
18:00	1.00	08	CIRCULATE SWEEP, L/D 2 JTS DP										4998	4998	3	
19:00	1.50	08	TOOHP TO SHOE										4998	4998	3	
20:30	3.00	08	REPLACE ROTARY CHAIN, INSPECT RIGHT ANGEL DRIVE BOX.										4998	4998	3	
23:30	2.00	08	TIH										4998	4998	3	
1:30	1.00	08	KELLY UP ATTEMPT TO REAM. WONT ROTATE.										4998	4998	3	
2:30	1.50	08	PULL 5 STDS, ATTEMPT TO ROTATE										4998	4998	3	
4:00	2.00	08	TOOHP CHAIN OUT.										4998	4998	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4817	23:00	9.80	0.00	38	7	18	4/7/15	18.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
12.5	8.90	0.25	0.15	0.25	180	560		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.1	87													
Daily Summary																
Activity Date :		9/13/2008		Days From Spud :		0		Current Depth :		4998 Ft		24 Hr. Footage Made :		0 Ft		
Rig Company :		BADGER DRILLING			Rig Name:		BADGER #3									
Formation :		Mesaverde			Weather:											
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	08	TIH TO DROP @ 3900' TRY TO ROTATE, WILL NOT ROTATE										4998	4998	3	
6:30	1.50	08	TOOHP TO SHOE										4998	4998	3	
8:00	10.00	08	PULL ROTARY CLUTCH / HUB& SEAL WAIT ON PARTS										4998	4998	3	
18:00	10.00	08	WORK ON ROTARY / REPLACE OIL SEAL, CHANGE OUT CLUTCH PLATES										4998	4998	3	
4:00	2.00	08	FILL PIPE & TIH										4998	4998	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
4998	23:00	9.80	0.00	38	7	18	4/7/15	18.0	0.0	0	0.00	7.0%	93.0%	0.0%	0.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
12.5	8.90	0.25	0.15	0.25	180	560		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.1	87													

RECEIVED

DEC 08 2008

Well Name: ASPHALT WASH 11-24-44-06																
Field Name:		Oil Springs			S/T/R:		5/T11S/R24E			County, State:		UINTAH, UT				
Operator:		Enduring Resources, LLC			Location Desc:					District:		Northern				
Daily Summary																
Activity Date :		9/14/2008		Days From Spud :		0		Current Depth :		5645 Ft		24 Hr. Footage Made :		647 Ft		
Rig Company :		BADGER DRILLING					Rig Name:		BADGER #3							
Formation :		Mesaverde					Weather:									
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	08	TIH										4998	4998	3	
6:30	1.00	08	WASH AND REAM T/ 4998										4998	4998	3	
7:30	5.50	02	DRILL F/ 4998 T/ 5300										4998	5300	3	
13:00	1.50	10	RUN SURVEY @ 5259= 2.0 INC.										5300	5300	3	
14:30	3.50	02	DRILL F/ 5300 T/ 5403										5300	5403	3	
18:00	1.00	21	WORK TIGHT HOLE/ COOL DOWN CLUTCH										5403	5403	3	
19:00	10.00	02	DRILL F/ 5403 T/ 5645										5403	5645	3	
5:00	1.00	08	DOWN/ WORKING ON ROD OILER PUMP										5645	5645	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5230	15:00	10.20	10.20	43	12	12	8/13/19	14.0	0.0	2	0.00	13.0%	87.0%	0.0%	2.0%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
20.0	9.20	0.25	0.20	0.35	150	480		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.6	107		NO LOSSES IN 24 HRS											
Daily Summary																
Activity Date :		9/15/2008		Days From Spud :		0		Current Depth :		5939 Ft		24 Hr. Footage Made :		294 Ft		
Rig Company :		BADGER DRILLING					Rig Name:		BADGER #3							
Formation :		Mesaverde					Weather:									
Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	4.00	02	DRILL F/ 5645 T/ 5832										5645	5832	3	
10:00	1.00	10	RUN SURVEY @ 5791 INC = 3.00										5832	5832	3	
11:00	1.00	02	DRILL F/ 5832 T/ 5917										5832	5917	3	
12:00	2.50	08	WORK ON ROD OILER PUMPS/ COOL CLUTCH										5917	5917	3	
14:30	0.50	02	DRILL F/ 5917 T/ 5939										5917	5939	3	
15:00	3.00	08	CIRCULATE SWEEP AROUND / L/D 3 JTS										5939	5939	3	
18:00	3.00	08	TOOH TO SHOE										5939	5939	3	
21:00	9.00	08	REPLACE ROTARY CLUTCH PLATES, INSTALL NEW ROD WASHER PUMPS, WORK ON # 1 GENERATOR, WAIT ON FUEL LINE.										5939	5939	3	
Total:		24.00														
Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
5888	12:00	10.40	10.40	43	9	13	11/16/26	12.0	0.0	2	0.00	15.0%	85.0%	0.0%	3.5%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
20.0	9.10	0.22	0.15	0.35	180	480		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.6	112		NO LOSSES IN 24 HRS											

RECEIVED

DEC 08 2008

Well Name: ASPHALT WASH 11-24-44-06																	
Field Name:		Oil Springs			S/T/R:			5/T11S/R24E			County, State:		UINTAH, UT				
Operator:		Enduring Resources, LLC			Location Desc:						District:		Northern				
Daily Summary																	
Activity Date :		9/16/2008		Days From Spud :		0		Current Depth :		5988 Ft		24 Hr. Footage Made :		49 Ft			
Rig Company :		BADGER DRILLING					Rig Name:		BADGER #3								
Formation :		Mesaverde					Weather:										
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	10.00	08	WAIT ON PARTS/ XO OIL & FILTERS # 2 LP. GO THRU # 1 PUMP, XO OIL IN DRAWWORKS, HOOK UP NEW INJECTOR LINE ON # 1 GEN.										5939	5939	3		
16:00	2.00	08	TIH TO 3700' CIRCULATE BOTTOMS UP.										5939	5939	3		
18:00	1.50	08	TIH										5939	5939	3		
19:30	0.50	08	CIRCULATE BOTTOMS UP										5939	5939	3		
20:00	0.50	08	WASH TO BOTTOM @ 5939										5939	5939	3		
20:30	1.00	02	DRILL F/ 5939 T/ 5977										5939	5977	3		
21:30	1.00	08	WORK PIPE WHILE FIXING ROTARY CHAIN										5977	5977	3		
22:30	0.50	02	DRILL F/ 5977 T/ 5988										5977	5988	3		
23:00	2.00	08	BUILD SLUG / ROTARY CLUTCH STICKING, TEAR APART ROTARY CLUTCH										5988	5988	3		
1:00	5.00	08	TOOH TO REPAIR ROTARY CLUTCH										5988	5988	3		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
5977	21:10	10.50	10.50	41	8	16	11/18/27	14.0	0.0	2	0.00	16.0%	84.0%	0.0%	1.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
20.0	9.10	0.25	0.10	0.30	180	460		0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	10.6	110		NO LOSSES IN 24 HRS												
Daily Summary																	
Activity Date :		9/17/2008		Days From Spud :		0		Current Depth :		5988 Ft		24 Hr. Footage Made :		0 Ft			
Rig Company :		BADGER DRILLING					Rig Name:		BADGER #3								
Formation :		Mesaverde					Weather:										
Operations																	
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run		
6:00	1.00	08	TOOH										5988	5988	3		
7:00	11.00	08	DISASSEMBLE ROT CLUTCH, WORK ON ROTARY CLUTCH, CHECK ROTARY TABLE										5988	5988	3		
18:00	8.50	08	PUT FLOOR BACK TOGETHER, WAIT ON MACHINEST TO TAKE OFF ROTARY CLUTCH, INSTALL HYDROMATIC										5988	5988	3		
2:30	2.50	08	TIH TO SHOE, BREAK CIRCULATION										5988	5988	3		
5:00	1.00	08	REALIGN HYDROMATIC WHILE CIRCULATING HOLE										5988	5988	3		
Total:		24.00															
Mud Properties																	
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand		
5988	0:00	10.50	10.50	43	11	9	11/18/27	15.0	0.0	2	0.00	16.0%	84.0%	0.0%	1.5%		
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss			
20.0	9.00	0.23	0.10	0.30	180	440		0.00	0.00	0	0	0.00		0			
Water Loss	LCM	ECD	FL Temp	UFT	Remarks												
0	0.0	10.6	0		NO LOSSES IN 24 HRS												

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS & MINING 12/3/2008

Well Name: ASPHALT WASH 11-24-44-06																		
Field Name:		Oil Springs			S/T/R:		5/T11S/R24E			County, State:		UINTAH, UT						
Operator:		Enduring Resources, LLC			Location Desc:						District:		Northern					
Daily Summary																		
Activity Date :		9/18/2008			Days From Spud :		0			Current Depth :		6394 Ft			24 Hr. Footage Made :		406 Ft	
Rig Company :		BADGER DRILLING			Rig Name:			BADGER #3										
Formation :		Mesaverde			Weather:													
Operations																		
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run			
6:00	1.00	08	WORK ON HYDROMATIC										5988	5988	3			
7:00	2.50	08	TIH TO 5885										5988	5988	3			
9:30	0.50	03	WASH AND REAM F/ 5885 T/ 5888										5988	5988	3			
10:00	8.00	02	DRILL F/ 5888 T/ 6082										5988	6082	3			
18:00	12.00	02	DRILL F/ T/ 6394										6082	6394	3			
Total:		24.00																
Mud Properties																		
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand			
6200	0:00	10.50	10.50	41	11	8	11/18/27	15.0	0.0	1	0.00	1400.0%	86.0%	0.0%	0.2%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss				
20.0	10.00	0.40	0.15	0.50	120	400		0.00	0.00	0	0	0.00		0				
Water Loss	LCM	ECD	FL Temp	UFT	Remarks													
0	0.0	10.7	0		NO LOSSES IN 24 HRS													
Daily Summary																		
Activity Date :		9/19/2008			Days From Spud :		0			Current Depth :		6675 Ft			24 Hr. Footage Made :		281 Ft	
Rig Company :		BADGER DRILLING			Rig Name:			BADGER #3										
Formation :		Mesaverde			Weather:													
Operations																		
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run			
6:00	12.00	02	DRILL F/ 6394 T/ 6553										6394	6553	3			
18:00	0.50	02	DRILL F/ 6553 T/ 6563										6553	6563	3			
18:30	1.00	08	CIRCULATE HOLE, WORK PIPE WHILE CHANGE OUT SWAB IN PUMPS										6563	6563	3			
19:30	10.50	02	DRILL F/ 6563 T/ 6675										6563	6675	3			
Total:		24.00																
Mud Properties																		
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand			
6576	21:00	10.30	10.30	39	11	6	2/10/15	15.0	0.0	1	0.00	14.0%	86.0%	0.0%	0.2%			
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss				
20.0	9.80	0.35	0.20	0.55	120	420		0.00	0.00	0	0	0.00		0				
Water Loss	LCM	ECD	FL Temp	UFT	Remarks													
0	0.0	10.7	100		NO LOSSES IN 24 HRS													

RECEIVED

DEC 08 2008

<b>Well Name: ASPHALT WASH 11-24-44-06</b>					
Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

<b>Daily Summary</b>							
Activity Date :	9/20/2008	Days From Spud :	0	Current Depth :	6767 Ft	24 Hr. Footage Made :	92 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.00	02	DRILL F/ 6675 T/ 6767	6675	6767	3
15:00	1.50	05	PUMP SWEEPS, CONDITION HOLE	6767	6767	3
16:30	1.50	06	MAKE 10 STD SHORT TRIP	6767	6767	3
18:00	0.50	06	TIH W/ 10 STDS	6767	6767	3
18:30	1.50	05	PUMP SWEEP, AND CONDITION HOLE	6767	6767	3
20:00	7.50	06	DROP SURVEY, TOOH FOR LOGS, L/D DRILL COLLARS	6767	6767	3
3:30	2.50	11	HELD SAFETY MEETING, R/U HES. RIH W/ TRIPLE COMBO	6767	6767	3
Total:	24.00					

<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
6767	20:00	10.60	10.60	43	11	9	6/19/22	12.0	0.0	1	0.00	14.0%	86.0%	0.0%	0.5%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
20.0	10.00	0.55	0.20	0.60	120	400		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	10.7	110		NO LOSSES IN 24 HRS											

<b>Daily Summary</b>							
Activity Date :	9/21/2008	Days From Spud :	0	Current Depth :	6767 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	11	RUN TRIPLE COMBO. T.D. 6761 WLM. RDMO HES.	6767	6767	3
8:30	2.00	06	TIH TO SHOE FILL PIPE	6767	6767	4
10:30	2.00	05	CIRCULATE, WAIT ON ORDERS	6767	6767	4
12:30	1.50	06	TIH TO 5200, TIGHT HOLE	6767	6767	4
14:00	1.50	03	REAM F/ 5200 T/5700	6767	6767	4
15:30	1.50	06	TIH T/ 6767 T.D.	6767	6767	4
17:00	1.00	05	CIRCULATE AND CONDITION HOLE	6767	6767	4
18:00	4.00	06	R/U LAYDOWN HELD SAFETY MEETING. LAY DOWN DRILL PIPE	6767	6767	4
22:00	0.50	08	FIX WATER LEAK ON HYDROMATIC	6767	6767	4
22:30	1.50	06	L/D DRILL PIPE	6767	6767	4
0:00	0.50	06	CHANGE OUT POWER TONGS	6767	6767	4
0:30	4.00	06	L/D DRILL PIPE	6767	6767	4
4:30	0.50	06	BREAK LOWER KELLY VALVE AND SAVER SUB	6767	6767	4
5:00	1.00	21	R/D POWER TONGS, R/U MAKE UP SIDE TONGS TO BREAK UPPER KELLY VALVE	6767	6767	4
Total:	24.00					

<b>Mud Properties</b>																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
6767	8:00	10.60	10.60	42	9	14	5/15/22	10.0	0.0	1	0.00	14.0%	86.0%	0.0%	0.5%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
22.0	9.80	0.35	0.15	0.50	120	380		0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	11.0	110		NO LOSSES IN 24 HRS											

**RECEIVED**

**DEC 08 2008**

12/3/2008

**Well Name: ASPHALT WASH 11-24-44-06**

Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

**Daily Summary**

Activity Date :	9/22/2008	Days From Spud :	0	Current Depth :	6767 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :	Mesaverde			Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	06	BRAKE KELLY, L/D BHA	6767	6767	4
7:30	6.00	12	R/U CASING CREW, HELD SAFETY MEETING. RIH W/ FLOAT SHOE, SHOE JT, FLOAT COLLAR, 68 JTS CASING, MARKER JT, 85 JTS CSG, 10' PUP 3' PUP AND HANGER LAND CSG 4.5" 11.60# @ 8759'	6767	6767	4
13:30	1.50	05	RDMO CSG CREW & LAYDOWN. CIRCULATE AND CONDITION HOLE, R/U CEMENTERS	6767	6767	4
15:00	1.50	12	PUMP 30 BBL H2O W/ CLAYFIX, LEAD=80 SKS TYPE-5 HI-FILL, (54BBL) 11.# PPG, TAIL=1120 SKS CLASS G 50/50 POZ, ( 251 BBL) 14.15 PPG. WASH PUMP AND LINES, DROP PLUG AND DISPLACE W/ 104 BBL H2O W/ CLAYFIX. BUMP PLUG 500 PSI OVER, RELEASE PRESSURE AND FLOATS HOLDING, 15 BBL CEMENT TO SURFACE.	6767	6767	4
16:30	0.50	12	RDMO PRO-PETRO	6767	6767	4
17:00	1.00	21	CLEAN MUD PITS	6767	6767	4
18:00	3.00	21	CLEAN MUD PITS/ RELEASE RIG @ 21:00 PM	6767	6767	4
21:00	9.00	01	RIG DOWN FLOOR, RIG DOWN.	6767	6767	4
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vls	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6767	8:00	10.60	10.60	42	9	14	5/15/22	10.0	0.0	1	0.00	14.0%	86.0%	0.0%	0.5%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
22.0	9.80	0.35	0.15	0.50	120	380		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.0	110		NO LOSSES IN 24 HRS										

**Daily Summary**

Activity Date :	9/23/2008	Days From Spud :	0	Current Depth :	6767 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	BADGER DRILLING			Rig Name:	BADGER #3		
Formation :				Weather:			

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	RIG DOWN, LAY DERRICK OVER. HAUL PIPE TO BADGER YARD.	6767	6767	4
18:00	12.00	24	WAIT ON DAYLIGHT.	6767	6767	4
Total:	24.00					

**Mud Properties**

Depth	Time	Wt In	Wt Out	Vls	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6767	8:00	10.60	10.60	42	9	14	5/15/22	10.0	0.0	1	0.00	14.0%	86.0%	0.0%	0.5%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
22.0	9.80	0.35	0.15	0.50	120	380		0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	11.0	110		NO LOSSES IN 24 HRS										

**RECEIVED**

**DEC 08 2008**

12/3/2008

<b>Well Name: ASPHALT WASH 11-24-44-06</b>					
Field Name:	Oil Springs	S/T/R:	5/T11S/R24E	County, State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

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

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
8/26/2008	2107.41	48	3. Surface	9.625	36	J-55	8.921	12.25	2104

Stage: 1, Spacer, 20, 0, H2O  
H2O, , 0, 0

Stage: 1, Lead, 0, 190, HI-FILL, Class G, 3.82, 11

Stage: 1, Tail, 0, 225, 2% CC 1/4 #PER SKS FLOCELE, Class G, 1.15, 15.8

Stage: 1, Displacement, 157, 0, H2O W/ CLAYFIX, , 0, 0

Stage: 1, Top Out, , 0, CLASS G, , 0, 0

9/11/2008	6759.081	154	5. Production	4.5	11.6	N-80	4	7.875	6767
-----------	----------	-----	---------------	-----	------	------	---	-------	------

Stage: 1, Lead, 0, 80, 165gel, 3%salt, 1/4 #sk flocele, 3#skgr-3, 10#skgilsonite, TYPE 5, 3.82, 11

Stage: 1, Tail, 0, 1120, 50/50poz, 5%cfi-115, 2%gel, 10%salt, Class G, 1.26, 14.15

Stage: 1, Displacement, 104, 0, h2o w/ clayfix, , 0, 0

**RECEIVED**

**DEC 08 2008**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-73919

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. UNIT or CA AGREEMENT NAME:  
n/a

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

8. WELL NAME and NUMBER:  
Asphalt Wash 11-24-44-6

2. NAME OF OPERATOR:  
Enduring Resources, LLC

9. API NUMBER:  
4304739167

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

PHONE NUMBER:  
(303) 350-5114

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 478' FSL - 453' FWL BHL = SESE Sec 6-11S-24E

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 5 11S 24E S

STATE: UTAH

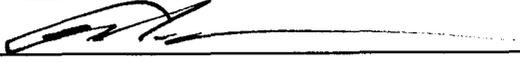
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/30/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Commingling</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.

Confirming that well has had Wasatch and Mesaverde formations commingled.

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

SIGNATURE  DATE 1/30/2009

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

(See Instructions on Reverse Side)

RECEIVED  
FEB 03 2009  
DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73919
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: n/a
2. NAME OF OPERATOR: Enduring Resources, LLC			8. WELL NAME and NUMBER: Asphalt Wash 11-24-44-6
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500    CITY Denver    STATE CO    ZIP 80202		PHONE NUMBER: (303) 350-5114	9. API NUMBER: 4304739167
4. LOCATION OF WELL FOOTAGES AT SURFACE: 478' FSL - 453' FWL    BHL = SESE Sec 6-11S-24E    COUNTY: Uintah			10. FIELD AND POOL, OR WILDCAT: Undesignated
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 5    11S    24E    S    STATE: UTAH			

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/3/2008	<input checked="" type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Ran tubing on well</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Commencing 12-3-2008. Well was producing up casing.

MIRU, run tubing 4,232.

Rig down and return well to production and Pumper on 12-4-2008.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE _____	DATE <u>1/23/2009</u>

(This space for State use only)

**RECEIVED**

**MAR 04 2009**

DIV. OF OIL, GAS & MINING

<b>Well Name : ASPHALT WASH 11-24-44-06</b>							
Prospect:						AFE #:	DV00882
Sec/Twp/Rge:	5 / T11S / R24E					AFE Total:	\$2,295,470
API #:	4304739167	Field:	Oil Springs		This AFE Cost:	\$1,858,690	
Work Type:	Completion	County, St.:	UINTAH, UT		Tot Assoc AFE's:	\$1,858,690	
Operator:	Induring Resources, LL	Supervisor:	Mike Reid		Phone:	435-828-5989	
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0	

Date :	12/5/2008	Days:	58	DC :	\$43,621	CCC:	\$366,012	CWC:	\$1,850,038
Activity:	clean out well			Rig Name:	Basic Rig # 1629				

Daily Report Summary : cleaned out well to PBSD @ 6747' lost @ 450 bbls fluid total on clean out wtr was used as requested.

Daily Report Detail: Remarks  
safety meeting w/ rig & flow crew  
open well p.u 4 jts tbg to tag kill plug set @ 4400'  
r.u power swivel prepped to drill out plug  
broke circ, drilled plug free note lost circ, while drilling on plug  
laid down power swivel continued tallying & p.u tbg to tag fill @ 6640'  
pumped @ 172 bbls fresh treated wtr as requested to break circ,  
waited for more wtr to continue clean out  
drilled out remains of plug & cleaned out to PBSD @ 6747' as requested  
circ, hole clean to pit  
pooch laid down 30 jts tbg on trailer landed tbg on hanger  
n.d bops n.u well head tree  
dropped ball & pumped off POBS  
r.u swab made 5 swab runs initial fluid level @ 1000' recovered @ 40 bbls fluid ending fluid level @ 1300' dropped soap sticks r.d swab turned well over to flow crew

From 7:00 To 7:15	.25 hr	Category/Rmks:	Safety Meeting : safety meeting w/ rig & flow crew
From 7:15 To 7:25	.17 hr	Category/Rmks:	TOOH : open well p.u 4 jts tbg to tag kill plug set @ 4400'
From 7:25 To 7:40	.25 hr	Category/Rmks:	Rig Up : r.u power swivel prepped to drill out plug
From 7:40 To 8:00	.33 hr	Category/Rmks:	Drilling : broke circ, drilled plug free note lost circ, while drilling on plug
From 8:00 To 9:50	.83 hr	Category/Rmks:	Tripping : laid down power swivel continued tallying & p.u tbg to tag fill @ 6640'
From 9:50 To 10:40	.83 hr	Category/Rmks:	Circulating : pumped @ 172 bbls fresh treated wtr as requested to break circ,
From 10:40 To 11:50	.17 hr	Category/Rmks:	Waiting : waited for more wtr to continue clean out
From 11:50 To 13:15	.42 hr	Category/Rmks:	Drilling : drilled out remains of plug & cleaned out to PBSD @ 6747' as requested
From 13:15 To 14:10	.92 hr	Category/Rmks:	Circulating : circ, hole clean to pit
From 14:10 To 14:40	0.5 hrs	Category/Rmks:	TOOH : pooch laid down 30 jts tbg on trailer landed tbg on hanger
From 14:40 To 15:15	.58 hr	Category/Rmks:	Nipple Down : n.d bops n.u well head tree
From 15:15 To 15:30	.25 hr	Category/Rmks:	Circulating : dropped ball & pumped off POBS
From 15:30 To 17:30	2 hrs	Category/Rmks:	Swab Well : r.u swab made 5 swab runs initial fluid level @ 1000' recovered @ 40 bbls fluid ending fluid level @ 1300' dropped soap sticks r.d swab turned well over to flow crew

Date :	12/6/2008	Days:	59	DC :	\$0	CCC:	\$366,012	CWC:	\$1,850,038
Activity:	RDMO Rig			Rig Name:	Basic Rig # 1629				

Daily Report Summary :

Daily Report Detail: Remarks  
sicip 1400 psi tbg open to pit well not flowing r.d prepped & moved rig & equipment to Rainbow 11-24-21-20 as requested

From 7:00 To 8:00	1 hrs	Category/Rmks:	Rig Down : sicip 1400 psi tbg open to pit well not flowing r.d prepped & moved rig & equipment to Rainbow 11-24-21-20 as requested
-------------------	-------	----------------	--

Date :	12/7/2008	Days:	60	DC :	\$8,652	CCC:	\$374,664	CWC:	\$1,858,690
Activity:	Foam Circ. To unload well.			Rig Name:	Basic Rig # 1629				

Daily Report Summary :

Daily Report Detail: RU R&W foam unit and kicked off well. Currently unloading to pit.

From 12:00 To 16:00	4 hrs	Category/Rmks:	Flowback : Pump foam down csg to kick off well.
---------------------	-------	----------------	---

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
8/26/2008	2107.41	48	3. Surface	9.625	36	J-55	8.921	12.25	2104
Stage: 1, Spacer, 20, 0, H20									
H20, . 0. 0									
Stage: 1, Lead, 0, 190, HI-FILL, Class G, 3.82, 11									

<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>  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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73919
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> ASPHALT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> ASPHALT WASH 11-24-44-6
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC	<b>9. API NUMBER:</b> 43047391670000
<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> 0478 FSL 0453 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 05 Township: 11.0S Range: 24.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> ROCK HOUSE
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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

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

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

All drilling pits closed on this multi-well pad. Will re-seed in fall.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 14, 2009

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO  
3180  
UT-922

August 19, 2009

Enduring Resources  
475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202

Re: Initial Wasatch-Mesaverde Formation PA "A"  
Asphalt Unit  
Uintah County, Utah

Gentlemen:

The Initial Wasatch-Mesaverde Formation Participating Area "A", Asphalt Unit, UTU84718A, is hereby approved effective as of November 12, 2008, pursuant to Section 11 of the Asphalt Unit Agreement, Uintah County, Utah.

The Initial Wasatch-Mesaverde Formation Participating Area "A" results in an Initial Participating Area of 40.00 acres and is based upon the completion of Well No. 11-24-44-6, API No. 43-047-39167, surface location in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 5, Township 11 South, Range 24 East, bottom hole location in the SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 6, Township 11 South, Range 24 East, SLM&B, Uintah County, Utah. Federal Unit Tract No. 3, Lease No. UTU73919, as being a well capable of producing unitized substances in paying quantities.

17032 OK

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Wasatch-Mesaverde Formation Participating Area "A", Asphalt Unit, and the effective date.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond  
Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 25 2009

DIV. OF OIL, GAS & MINING