



Enduring Resources

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

March 24, 2006

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

Attn.: Ms. Diana Whitney

**RE: Rainbow #11-24-33-17
NWSE 1,838' FSL - 1,818' FEL
Sec. 17 T11S-R24E
Uintah County, Utah
Lease # UTU-073920**

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well.

Attached is copy of the "form" right-of-way and surface damage agreement between Enduring and American Gilsonite. **(The road is county, but arrangements will still have to be made for pipeline.)**

Also enclosed is a copy of the BLM APD.

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

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

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian
Landman-Regulatory Specialist

ara
Enclosures:

MAR 28 2006



Enduring Resources

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

March 24, 2006

Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

Attention: Melissa Hawk

**RE: Rainbow #11-24-33-17
NWSE 1,838' FSL - 1,818' FEL
Sec. 17 T11S-R24E
Uintah County, Utah
Lease # UTU-073920**

Dear Ms. Hawk:

Enclosed are three original applications to drill concerning the above-referenced proposed well. This information was also submitted to the State of Utah, Division of Oil, Gas and Mining.

Enduring Resources, LLC is requesting the BLM to hold this application and all future information as confidential, when applicable.

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

Very truly yours,

ENDURING RESOURCES, LLC

COPY

Alvin R. (Al) Arlian
Landman - Regulatory Specialist

ara/
Enclosures:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-073920
5b. 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	3b. Phone No. (include area code) 303-350-5114	8. Lease Name and Well No. Rainbow 11-24-33-17
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWSE 1,838' FSL - 1,818' FEL At proposed prod. zone Same as surface		9. API Well No. 43-047-37949
14. Distance in miles and direction from nearest town or post office* 67.5 miles Southwesterly from Vernal, Utah		10. Field and Pool, or Exploratory undesignated
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1818'	16. No. of acres in lease 1000	11. Sec., T. R. M. or Blk. and Survey or Area Sec 17 T11S R24E S.L.B.&M.
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1000' +	19. Proposed Depth 6283'	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,670' KB-RT	22. Approximate date work will start* 06/01/2006	13. State UT
17. Spacing Unit dedicated to this well 40 acres		
20. BLM/BIA Bond No. on file BLM - UTB000173		
23. Estimated duration 20 days		

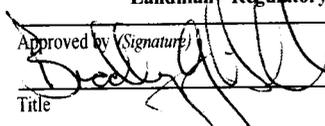
24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Alvin R. (Al) Arlian	Date 03/24/2006
---	---	---------------------------

Title **Landman- Regulatory Specialist**

Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-06-06
Title	Office ENVIRONMENTAL MANAGER	

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.

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)

**Federal Approval of this
Action Is Necessary**

MAR 28 2006

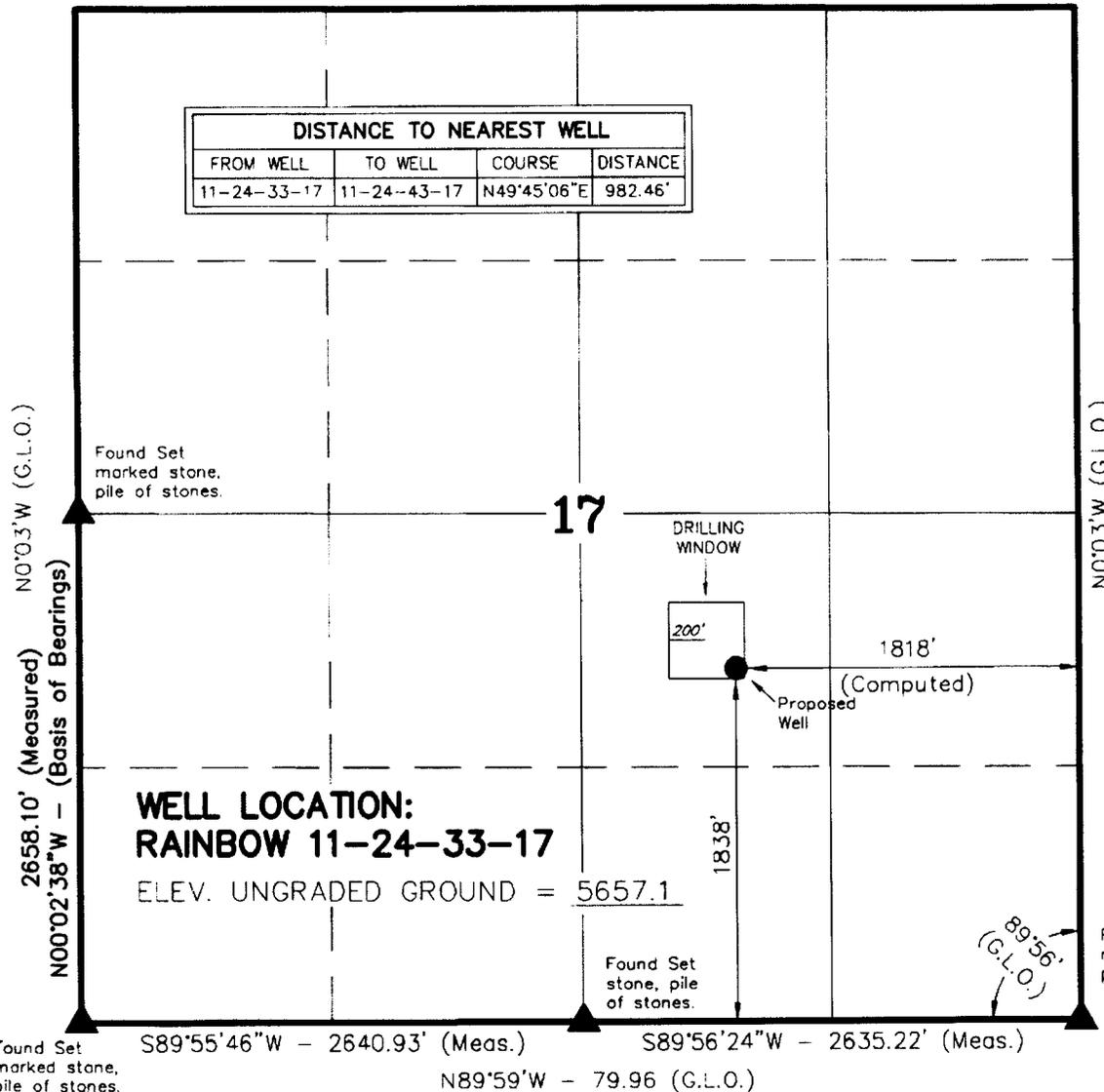
T11S, R24E, S.L.B.&M.

ENDURING RESOURCES

N89°58'W - 80.16 (G.L.O.)

WELL LOCATION, RAINBOW 11-24-33-17,
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4
OF SECTION 17, T11S, R24E, S.L.B.&M. UINTAH
COUNTY, UTAH.

DISTANCE TO NEAREST WELL			
FROM WELL	TO WELL	COURSE	DISTANCE
11-24-33-17	11-24-43-17	N49°45'06"E	982.46'



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. Proposed well Bears N23°51'29"E 2011.05' from the South 1/4 Corner of Section 17.



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

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

Found Set marked stone, pile of stones.

S89°55'46"W - 2640.93' (Meas.)

S89°56'24"W - 2635.22' (Meas.)

N89°59'W - 79.96 (G.L.O.)

▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 89 EAM 1965 LOCATED IN THE WEST 1/2 OF SECTION 5, T12S, R24E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE ARCHY BENCH SE 7.5 MIN. QUADRANGLE AS BEING 6075'.

RAINBOW 11-24-33-17

(Proposed Well Head)

NAD 83 Autonomous

LATITUDE = 39° 51' 35.23"

LONGITUDE = 109° 15' 06.41"

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078

(435) 789-1365

DATE SURVEYED: 11-07-05	SURVEYED BY: B.J.S.	SHEET 2 OF 10
DATE DRAWN: 11-15-05	DRAWN BY: B.J.S.	
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.

**Rainbow #11-24-33-17
NWSE 1,838' FSL - 1,818' FEL
Sec. 17 T11S-R24E
Uintah County, Utah
Lease # UTU-073920**

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



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

March 24, 2006

Enduring Resources, LLC

Rainbow #11-24-33-17
NWSE Sec. 17 T11S-R24E
Uintah County, Utah

Lease # UTU-073920

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	318'
Wasatch	2655'
Mesaverde	4009'

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

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5670'	
Oil / Gas	Green River	318'
Oil / Gas	Wasatch	2655'
Oil / Gas	Mesaverde	4009'
	TD	6255'

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

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

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

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

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

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

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

Blow-Out Preventer

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

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

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

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

E. Miscellaneous Information:

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

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 6255'

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints

with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

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

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
6255' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.95 (d)	7780/2.59 (e)	223/3.56 (f)

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

PROPOSED CEMENTING PROGRAM

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

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

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

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

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

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

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	539	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	49	25	11.0	3.3
4-1/2"	Tail	4028	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	735	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Drilling Fluids (mud) Program:

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-6255' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

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

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

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

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

7. Abnormal Conditions:

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

Maximum anticipated bottom hole pressure equals approximately 3,267 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 1,885 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
Rainbow 11-24-33-17
Section 17, T11S, R24E, S.L.B.&M.

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF COUNTY D ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE COUNTY D ROAD APPROXIMATELY 4.2 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2,840 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 67.8 MILES IN A SOUTHEASTERLY DIRECTION.

Enduring Resources, LLC

Rainbow #11-24-33-17
NWSE Sec. 17 T11S-R24E
Uintah County, Utah
Lease # UTU-073920

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Rainbow #11-24-33-17 Well Pad

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF COUNTY D ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE COUNTY D ROAD APPROXIMATELY 4.2 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2,840 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 67.8 MILES IN A SOUTHEASTERLY DIRECTION.

2. Planned Access Roads:

The proposed access road will be approximately 2,840 feet of new construction (ON-LEASE) and no new construction (OFF-LEASE). The balance of the OFF-LEASE road is a Class D County Road currently used to access the Rainbow 14-17 Well (nka Rainbow 11-24-24-17). No new road will have to be built OFF-LEASE. However, the County Road Class D Road will be improved to meet BLM requirements, if needed. Please refer to Topo Map "B" for the takeoff point for the new road construction and the Class D County Road that will be improved.

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

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

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

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

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

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

- | | | |
|----|-------|--|
| a. | None: | Water Wells: |
| b. | None: | Injection Wells: |
| c. | (2): | Producing Wells: |
| | | i. Rainbow Unit No. 6 SENW Sec 19-11S-24E |
| | | ii. Rainbow 11-24-24-17 (is now producing) |
| d. | None: | Drilling Wells: |
| e. | None: | Shut-in Wells: |
| f. | None: | Temporarily Abandoned Wells: |
| g. | None: | Disposal Wells: |
| h. | (1): | Abandoned Wells: |
| | | i. 43-047-15808 Rainbow Unit 6 SENW Sec 19 |
| i. | None: | Dry Holes: |
| j. | None: | Observation Wells: |

- k. (22): Pending (staked) Wells:
 i. Various wells staked by Enduring in Secs. 17 and 20

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	660'	BLM
	OFF-LEASE	none	

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 660 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- a. ON-LEASE approximately 660 feet, and
- b. OFF-LEASE approximately (-0-) feet,

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

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (south), and tie-in directly to the proposed surface pipeline for the (API 43-047-36150) Rainbow 11-24-24-17 Well located in SESW Sec 17.

However, if the Rainbow 11-24-24-17 pipeline is not built, then the pipeline will follow the access road south and then southwest to a tie-in point into the now existing Rainbow 11-24-24-17 pipeline running south to the Federal Rockhopper 29-11. The tie-in point would be where the access road crosses this pipeline, approximate 3,500' from the well pad.

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

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

5. Location and Type of Water Supply:

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

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

No water well is to be drilled on this lease.

6 Source of Construction Materials:

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

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

7. Methods of Handling Waste Materials:

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

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

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

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

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

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

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

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

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

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

8. Ancillary Facilities:

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

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

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

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

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

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

All pits shall be fence to the following minimum standards:

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

10. Plans for Surface Reclamation:

Producing Location:

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

Dry Hole/Abandoned Location:

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

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM.

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

Wellsite: Bureau of Land Management

Access: Bureau of Land Management and American Gilsonite
(County Road, but for pipeline)

Pipeline: Bureau of Land management

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

The on-site was conducted January 4, 2006.

Special Conditions of Approval:

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

Archeology:

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

Paleontology:

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

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

13, Lessee's or Operator's Representatives:

Representatives:

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461
Cell: 303-880-3841
aarlian@enduringresources.com

Teme Singleton
Drilling Engineer
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5102
Fax Tel: 303-573-0461
Cell: 985-502-5070
fhutto@enduringresources.com

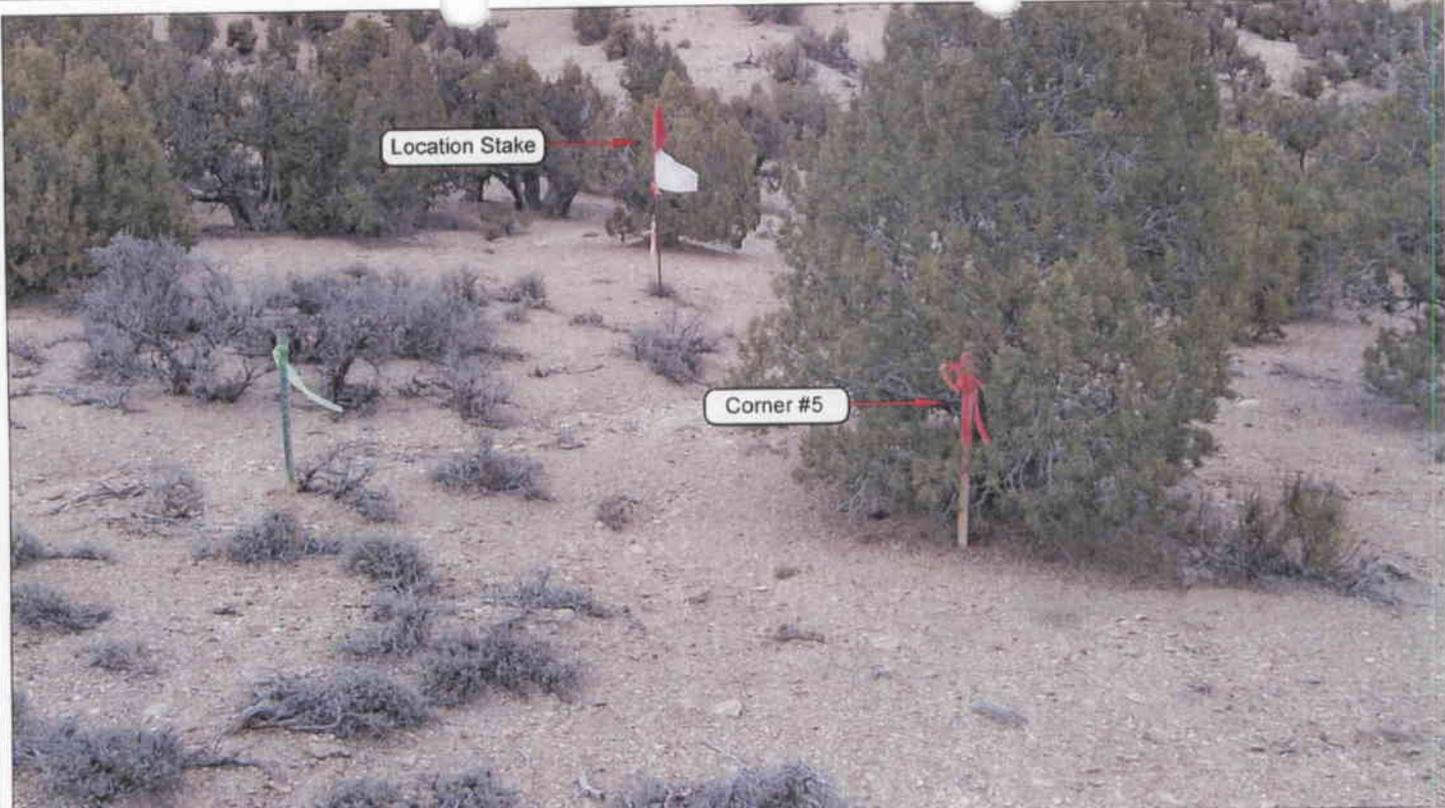


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

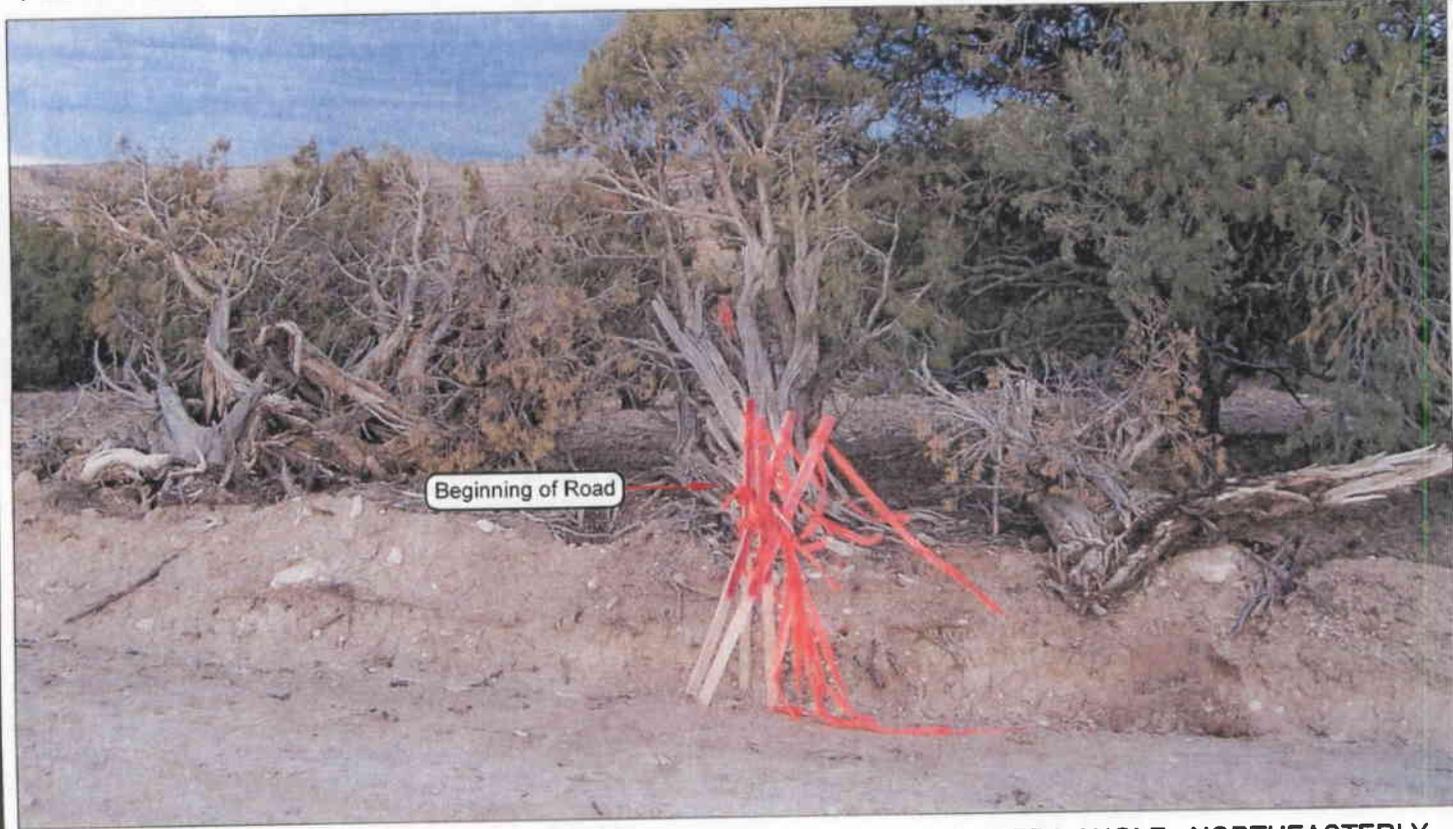


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

THE HOUSTON EXPLORATION COMPANY

**RAINBOW 11-24-33-17
SECTION 7, T11S, R24E, S.L.B.&M.
1838' FSL & 1818' FEL**

LOCATION PHOTOS

TAKEN BY: B.J.S.

DRAWN BY: B.J.S.

DATE TAKEN: 11-07-05

DATE DRAWN: 11-15-05

REVISED:

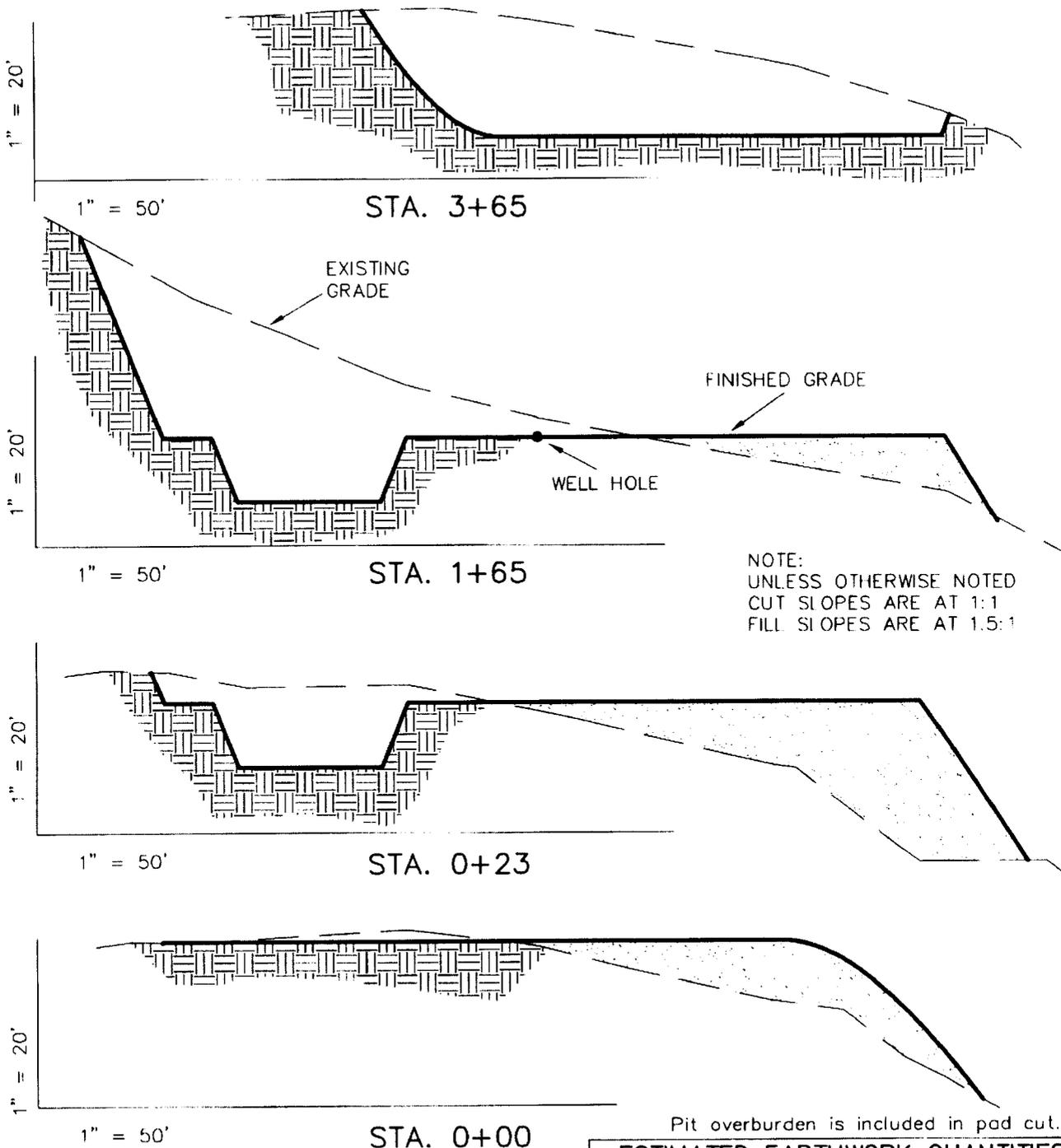
Timberline Land Surveying, Inc.

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

SHEET
1
OF 10

ENDURING RESOURCES

CROSS SECTIONS - RAINBOW 11-24-33-17



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

Pit overburden is included in pad cut.

REFERENCE POINTS

- 175 Northerly = 5637.1'
- 225 Northerly = 5641.1'
- 215 Easterly = 5648.1'
- 265 Easterly = 5636.8'

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

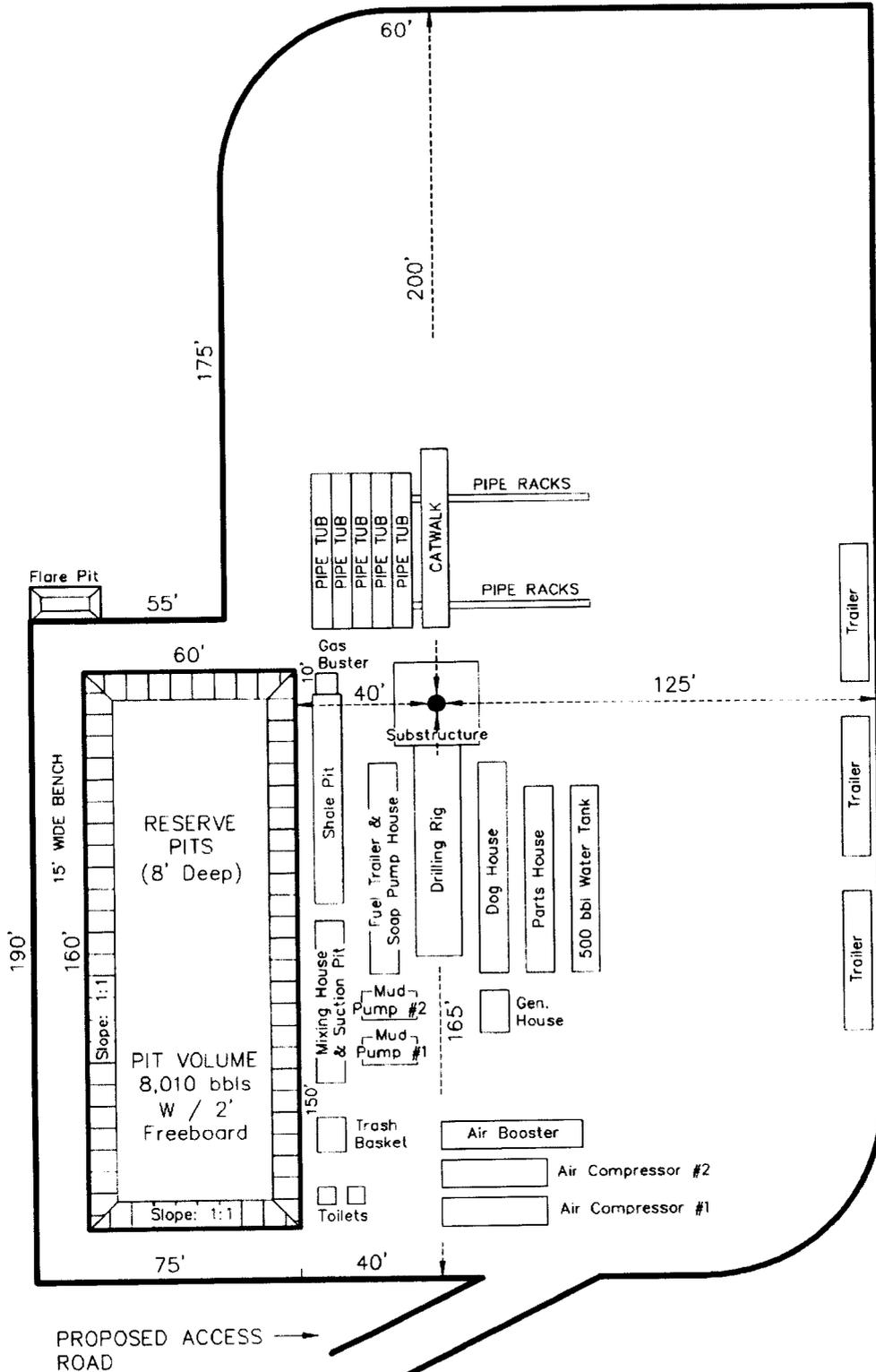
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	11,420	8,170	Topsoil is not included in Pad Cut	3,250
PIT	2,340	0		2,340
TOTALS	13,760	8,170	1,440	5,590

Excess Material after Pit Rehabilitation = 4,420 Cu. Yds.

SECTION 17, T11S, R24E, S.L.B.&M.	Qtr/Qtr Location: NW SE	Footage Location: 1838 FSL & 1818 FEL
Date Surveyed: 11-07-05	Date Drawn: 11-15-05	Date Last Revision:
Surveyed By B.J.S.	Drawn By: B.J.S.	Scale: 1" = 50'
Timberline Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078		(435) 789-1365 SHEET 4 OF 10

ENDURING RESOURCES

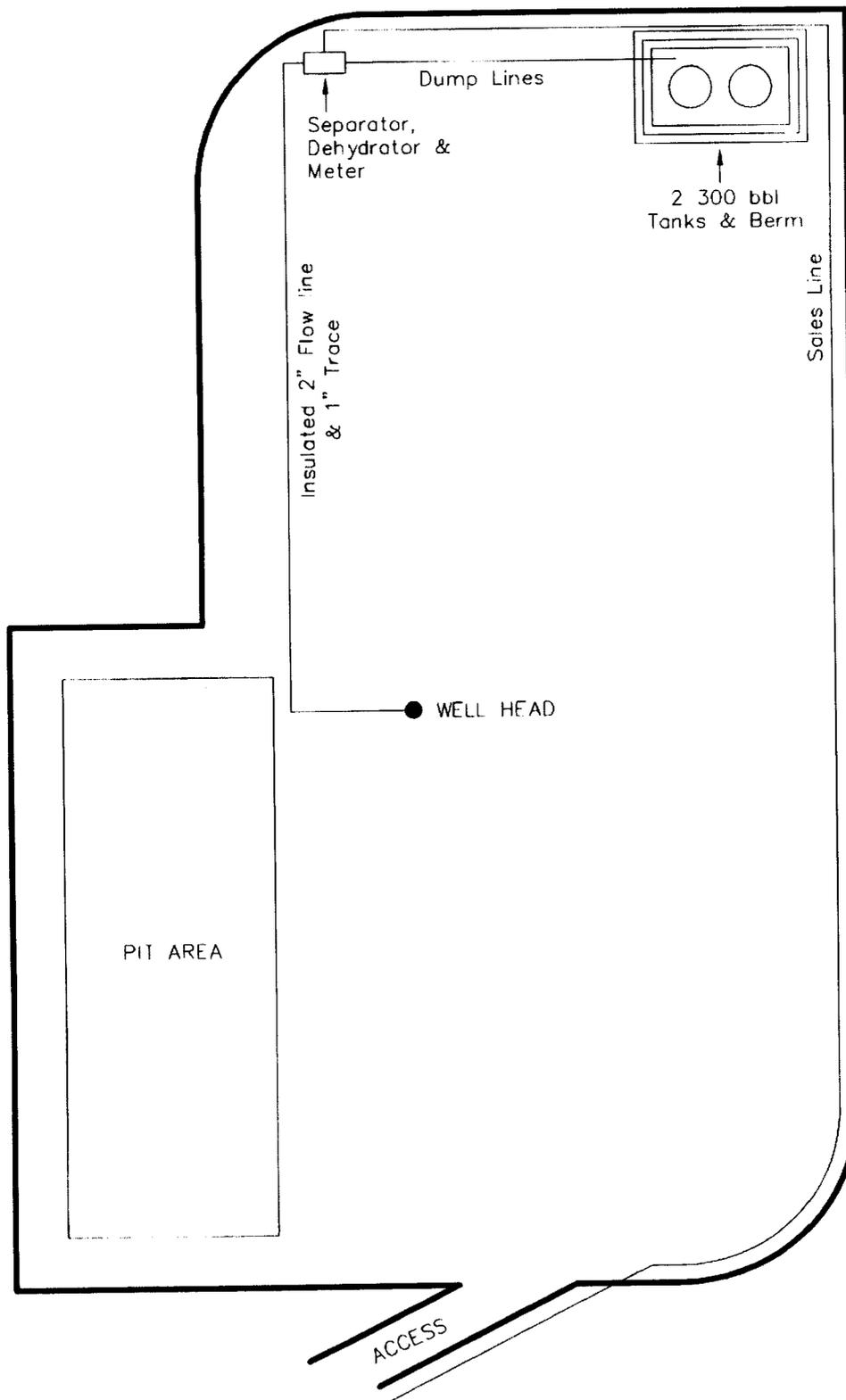
TYPICAL RIG LAYOUT - RAINBOW 11-24-33-17



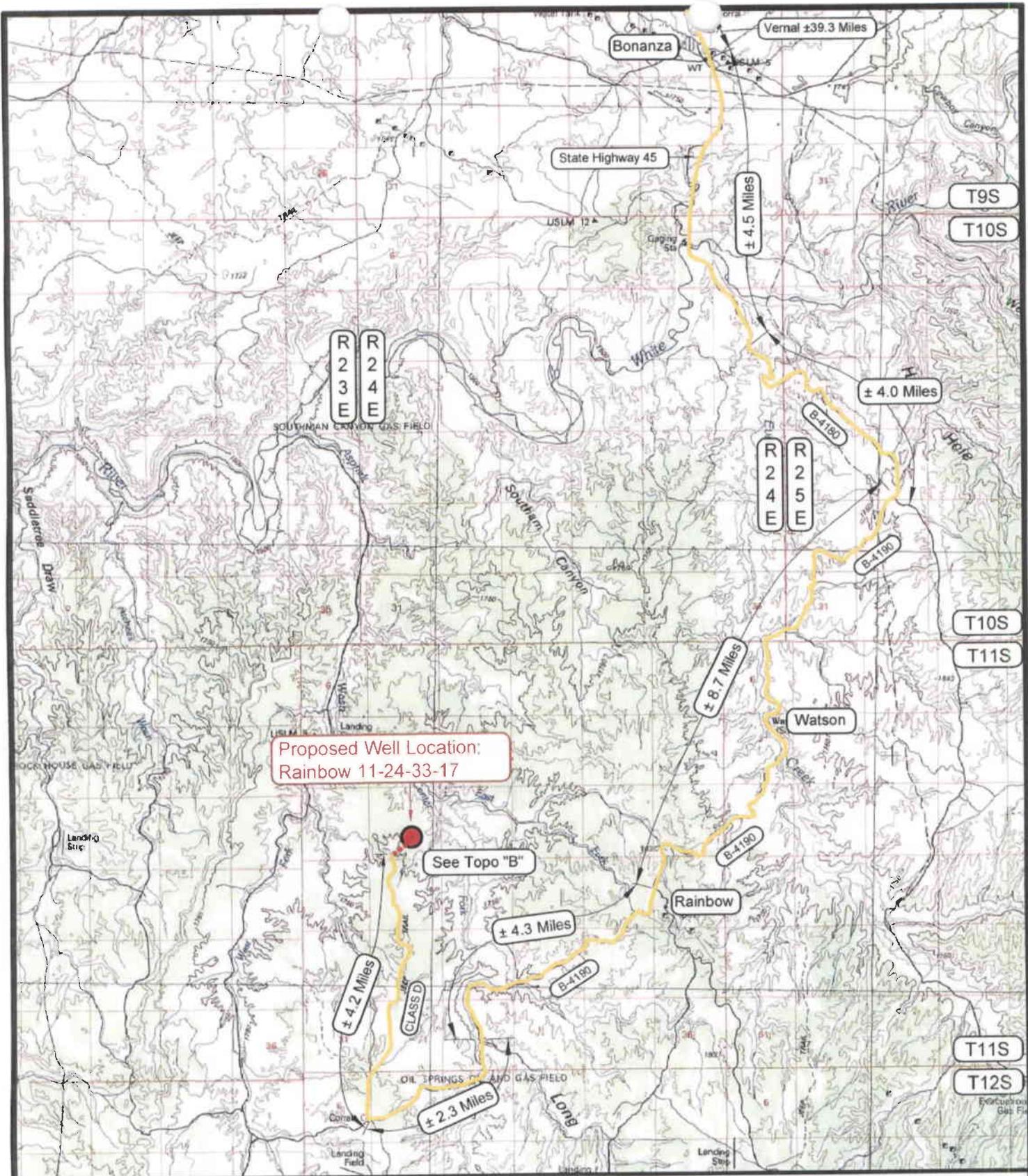
SECTION 17, T11S, R24E, S.L.B.&M.		Qtr/Qtr Location: NW SE	Footage Location: 1838 FSL & 1818 FEL
Date Surveyed: 11-07-05	Date Drawn: 11-15-05	Date Last Revision:	Timberline <i>Land Surveying, Inc.</i> (435) 789-1365 38 WEST 100 NORTH, VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: B.J.S.	Scale: 1" = 50'	
			SHEET 5 OF 10

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT - RAINBOW 11-24-33-17



SECTION 17, T11S, R24E, S.L.B.&M.		Qtr/Qtr Location: NW SE	Footage Location: 1838 FSL & 1818 FEL
Date Surveyed: 11-07-05	Date Drawn: 11-15-05	Date Last Revision:	Timberline (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: B.J.S.	Scale: 1" = 50'	



Proposed Well Location;
Rainbow 11-24-33-17

See Topo "B"

LEGEND

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

TOPOGRAPHIC MAP "A"

SCALE: 1:10,000'

DRAWN BY: B.J.S.

DATE SURVEYED: 11-05-05

DATE DRAWN: 11-15-05

REVISED:

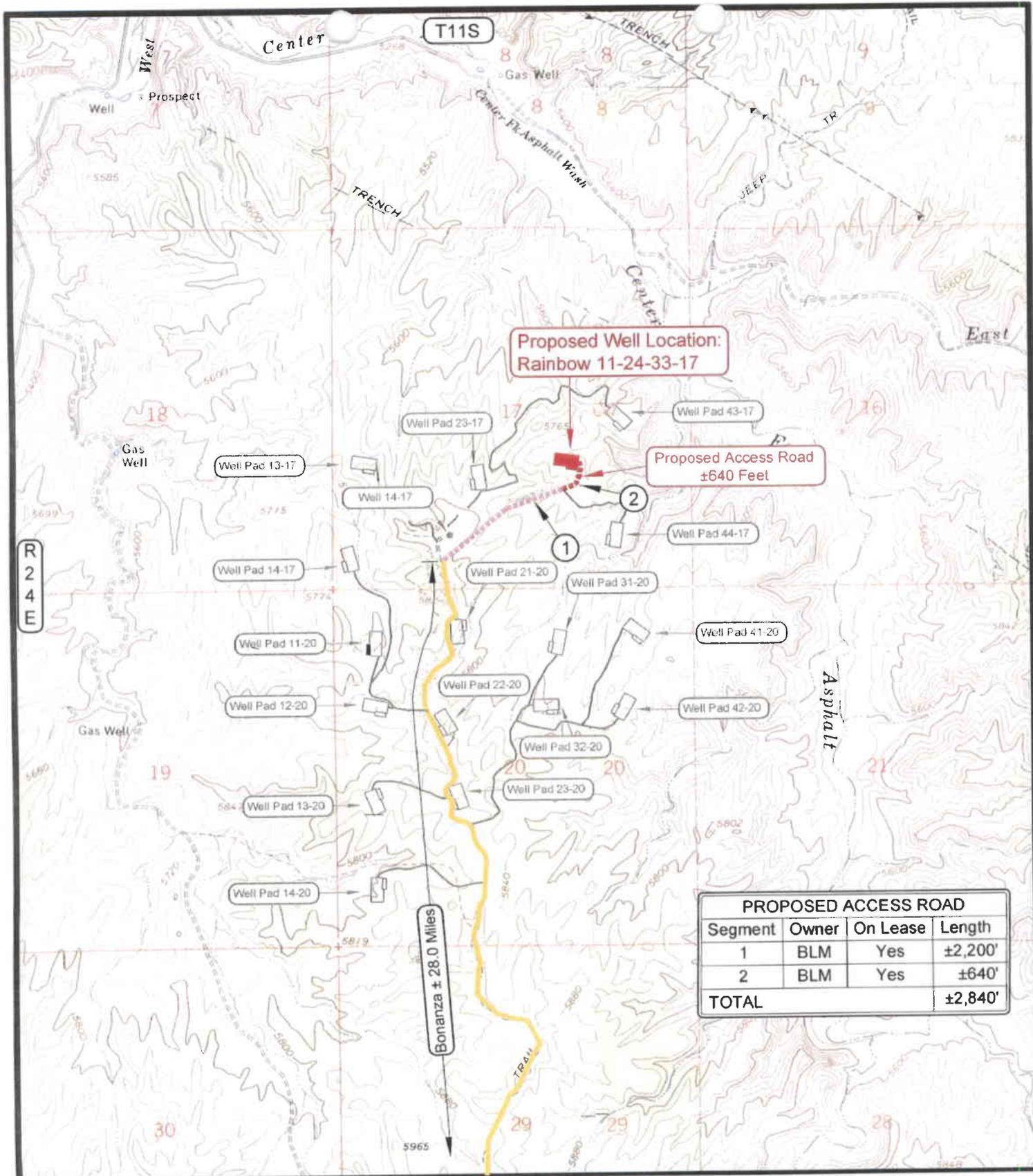
ENDURING RESOURCES

Rainbow 11-24-33-17
SECTION 17, T11S, R24E, S.L.B.&M.
1838' FSL & 1818' FEL

Timberline Land Surveying, Inc.

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

SHEET
7
OF 10



Proposed Well Location:
Rainbow 11-24-33-17

Proposed Access Road
±640 Feet

PROPOSED ACCESS ROAD			
Segment	Owner	On Lease	Length
1	BLM	Yes	±2,200'
2	BLM	Yes	±640'
TOTAL			±2,840'

LEGEND

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

TOPOGRAPHIC MAP "B"

DATE SURVEYED: 11-05-05
DATE DRAWN: 11-15-05
REVISED:

SCALE: 1" = 2000'

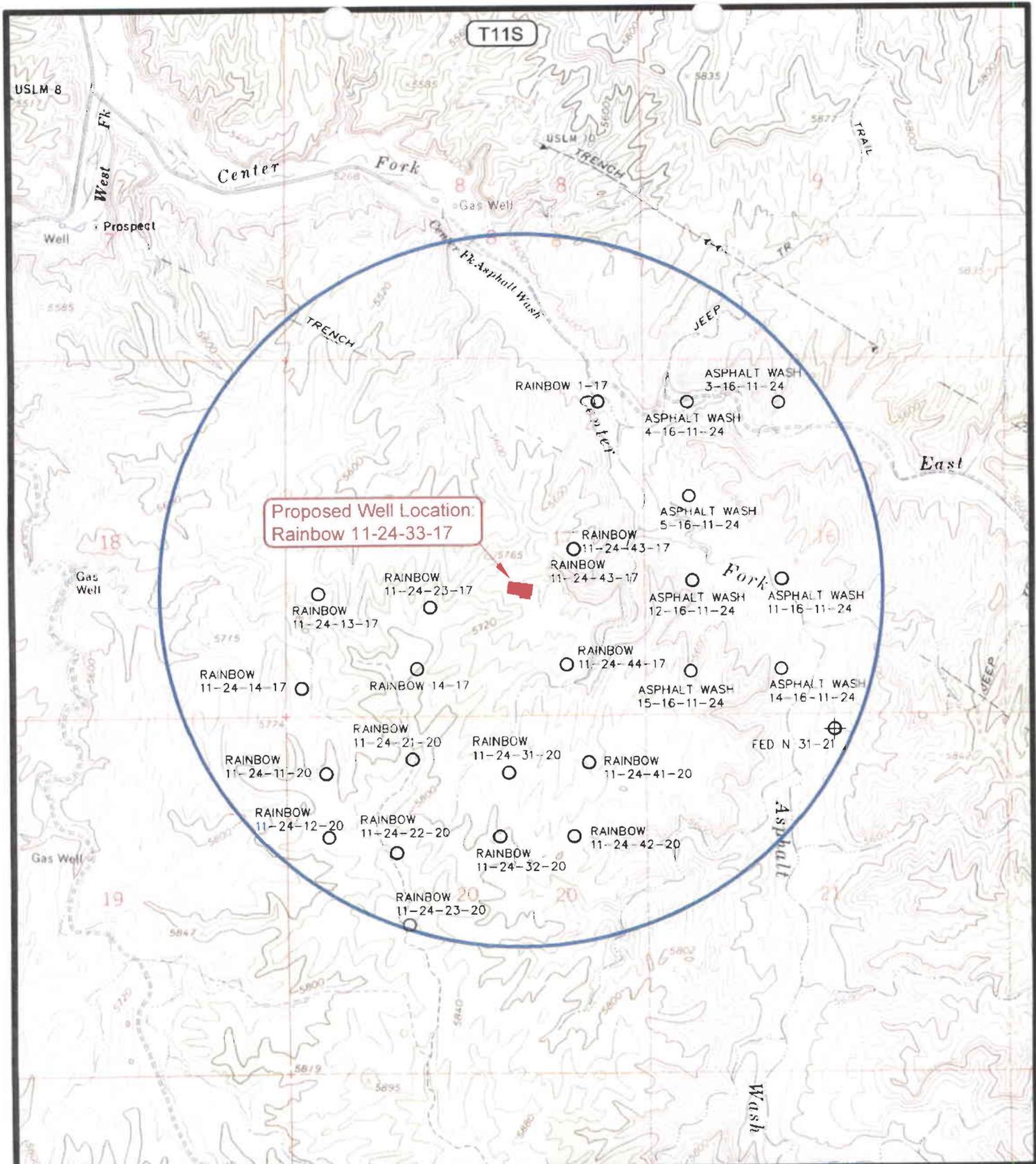
DRAWN BY: B.J.S.

ENDURING RESOURCES

Rainbow 11-24-33-17
SECTION 17, T11S, R24E, S.L.B.&M.
1838' FSL & 1818' FEL

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

SHEET
8
OF 10



Proposed Well Location:
Rainbow 11-24-33-17

LEGEND

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

ENDURING RESOURCES

Rainbow 11-24-33-17
SECTION 17, T11S, R24E, S.L.B.&M.
1838' FSL & 1818' FEL

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 11-05-05

DATE DRAWN: 11-15-05

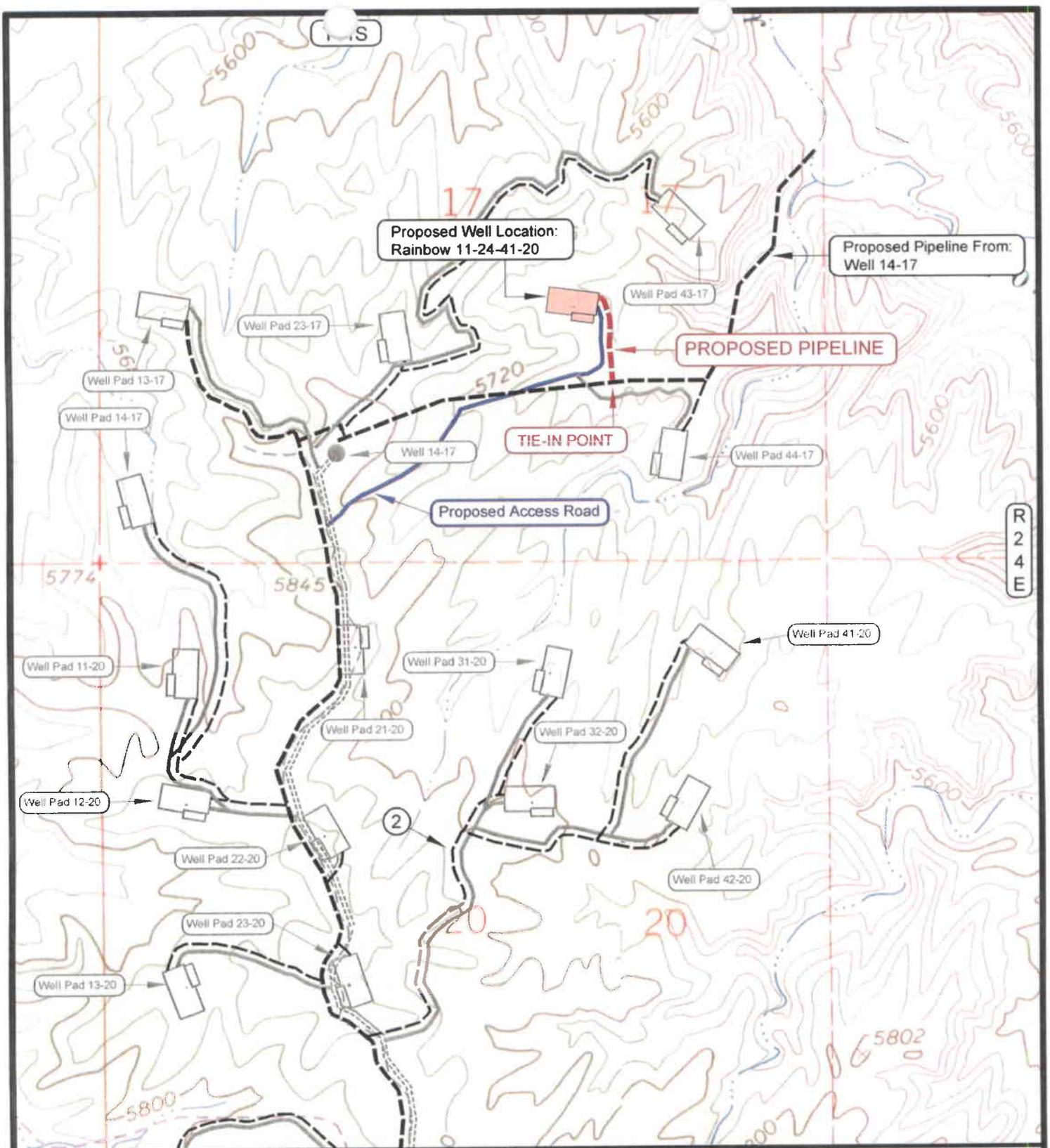
SCALE: 1" = 2000'

DRAWN BY: B.J.S.

REVISED:

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

SHEET
9
OF 10



APPROXIMATE PIPELINE LENGTH = 660 Feet

LEGEND

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

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 11-05-05

DATE DRAWN: 11-15-05

SCALE: 1" = 1000'

DRAWN BY: B.J.S

REVISED:



ENDURING RESOURCES

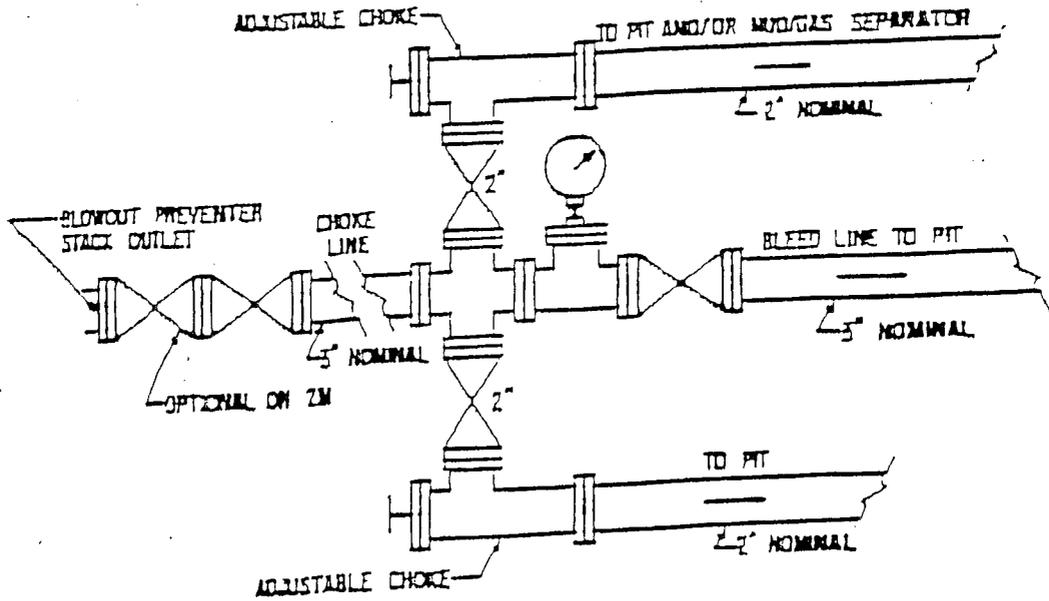
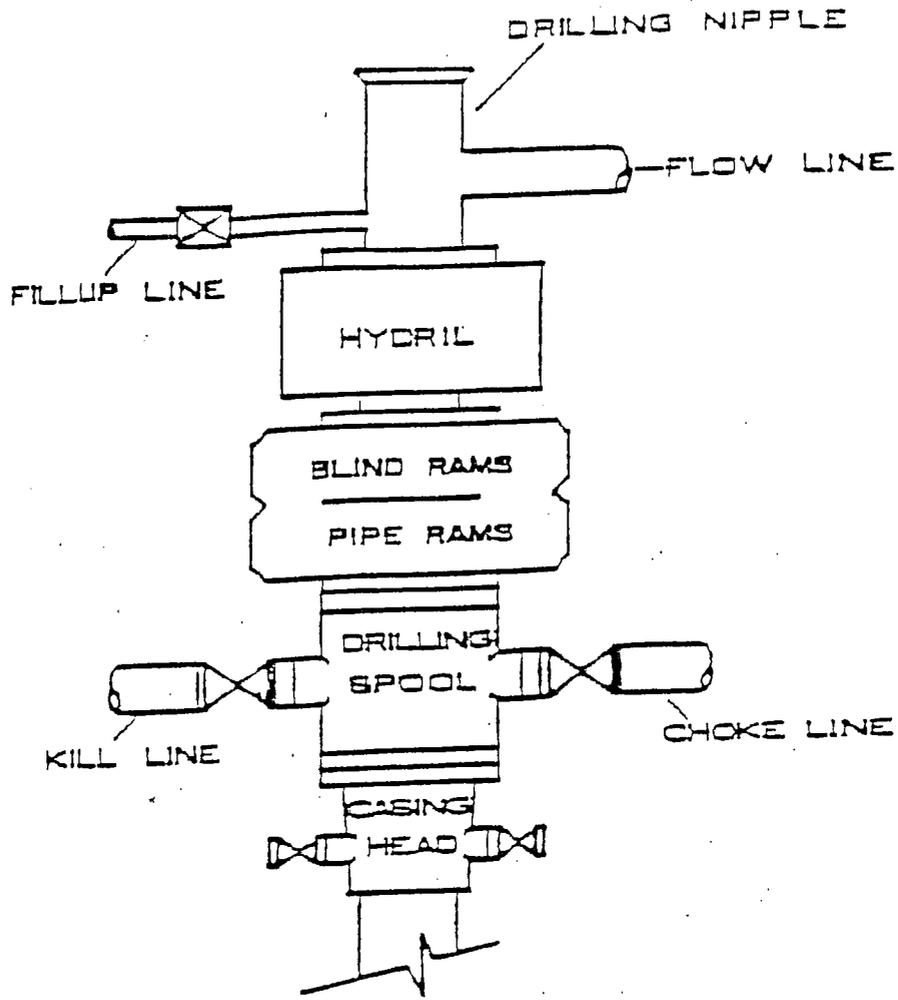
**Rainbow 11-24-33-17
SECTION 17, T11S, R24E, S.L.B.&M.
1838' FSL & 1818' FEL**

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

**SHEET
10
OF 10**

3,000 PSI

BOP STACK



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/28/2006

API NO. ASSIGNED: 43-047-37949

WELL NAME: RAINBOW 11-24-33-17
 OPERATOR: ENDURING RESOURCES, LLC (N2750)
 CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

NWSE 17 110S 240E
 SURFACE: 1838 FSL 1818 FEL
 BOTTOM: 1838 FSL 1818 FEL
 COUNTY: UINTAH
 LATITUDE: 39.85979 LONGITUDE: -109.2511
 UTM SURF EASTINGS: 649595 NORTHINGS: 4413450
 FIELD NAME: UNDESIGNATED (2)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-073920
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000173)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

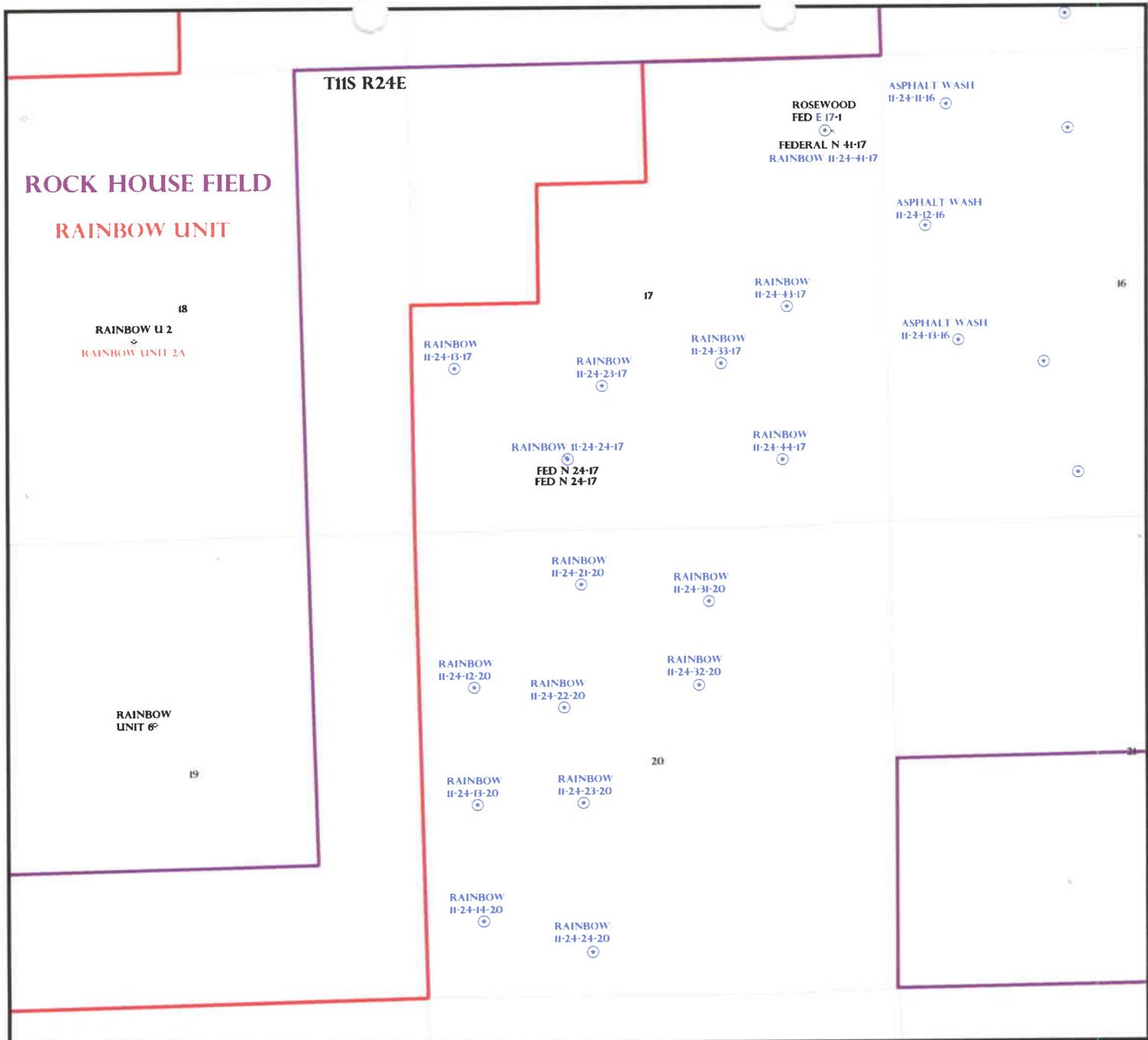
LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: 1- Federal Approval

2- Spacing Strip



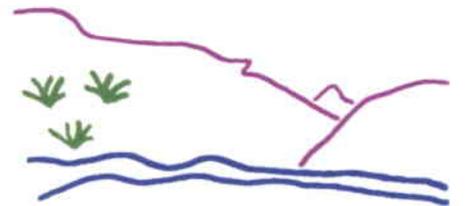
OPERATOR: ENDURING RES LLC (N2750)

SEC: 17,20 T. 11S R. 24E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

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

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

Wells Status

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



PREPARED BY: DIANA WHITNEY
DATE: 4-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 6, 2006

Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, CO 80202

Re: Rainbow 11-24-33-17 Well, 1838' FSL, 1818' FEL, NW SE, Sec. 17,
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 43-047-37949.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

Enclosures

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

Operator: Enduring Resources, LLC
Well Name & Number Rainbow 11-24-33-17
API Number: 43-047-37949
Lease: UTU-073920

Location: NW SE **Sec.** 17 **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 Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

MAR 27 2006

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-073920
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	3b. Phone No. (include area code) 303-350-5114	8. Lease Name and Well No. Rainbow 11-24-33-17
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWSE 1,838' FSL - 1,818' FEL At proposed prod. zone Same as surface		9. API Well No. 43-047-37949
14. Distance in miles and direction from nearest town or post office* 67.5 miles Southwesterly from Vernal, Utah		10. Field and Pool, or Exploratory undesignated
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1818'	16. No. of acres in lease 1000	11. Sec., T. R. M. or Blk. and Survey or Area Sec 17 T11S R24E S.L.B.&M.
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' +	12. County or Parish Uintah
19. Proposed Depth 6283'	20. BLM/BIA Bond No. on file BLM - UTB000173	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,670' KB-RT	22. Approximate date work will start* 06/01/2006	23. Estimated duration 20 days

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Alvin R. (Al) Arlian	Date 03/24/2006
---	--	--------------------

Title
Landman - Regulatory Specialist

Approved by (Signature) 	Name (Printed/Typed) JERRY KENNER	Date 9-26-2006
---	--------------------------------------	-------------------

Title
Assistant Field Manager
Lands & Mineral Resources

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.

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)

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

OCT 06 2006

DIV. OF OIL, GAS & MINING

UDDGM

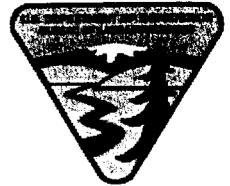
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Enduring Resources, LLC Location: NWSE, Sec 17, T11S, R24E
Well No: Rainbow 11-24-33-17 Lease No: UTU-073920
API No: 43-047-37949 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Roger Hall	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number:	435-781-4513	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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- Location Construction (Notify Karl Wright) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Karl Wright) - 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 Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - 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)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Resource Development Group Uinta Basin Natural Gas* Project signed July 18, 2006. If the well has not been spudded by July 18, 2011; a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
4. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
6. The reserve pit will be lined with a 16 ml or greater liner.
7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
8. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
10. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will 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).

11. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES

12. **Notify the Vernal Field Office 48 hours before construction proceeds so that a paleontologist can inspect the surface prior to disturbance.**
13. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.
14. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
15. Notify Melissa Hawk or the Authorized officer 48 hours prior to surface disturbance.
16. All well facilities not OSHA regulated will be painted Carlsbad Canyon.
17. Trees which must be removed from the location must be piled separately off location and saved for final reclamation purposes.
18. Interim Reclamation (see below):
 - a. The first 4-6 inches of topsoil from the construction site will be stripped and piled separately from other excavated material.
 1. Where areas will be set aside on an interim basis (areas due to receive further disturbance prior to final reclamation) these sites will be re-contoured as much as possible, have needed top soil re-spread and planted with the seed mix below:

ii. Indian Ricegrass	<i>Pleuraphis hymenoides</i>	4lbs. /acre
iii. Needle and Threadgrass	<i>Stipa comata</i>	4lbs. /acre
iv. Hycress Crested Wheatgrass	<i>Agropyron cristatum</i>	4lbs. /acre
 2. 12 lbs. per acre
 3. All pounds are in pure live seed.
 4. Reseeding may be required if first seeding is not successful.
 - i. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
 - ii. The seed mix listed in the APD (black sage, shadscale, Indian rice grass) shall be used to seed all unused portions of the pad no longer needed for ongoing or future

- iii. operation. Re-seeding may be required if the first seeding is not successful.
- iv. All seed mixtures shall be weed free.
- v. The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface casing.
2. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe.
3. For surface casing cementing program, stage Top Out or Top Job is to bring cement to surface.
4. A casing shoe integrity test shall be run on the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken

of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

6. 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.
7. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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.

8. 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.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. 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.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
10. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
11. 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.
12. This APD is approved subject to the requirement that, 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:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. 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).
 - f. 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.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

14. 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
15. 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.
16. 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.

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
4304737948	Rainbow 11-24-23-17	SWSE	17	11S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	15779	11/14/2006		11/16/06	
Comments: <u>MURD</u>						

CONFIDENTIAL

Well 2

NWSE

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737949	Rainbow 11-24-33-17	↑	17	11S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	15780	11/14/2006		11/16/06	
Comments: <u>MURD</u>						

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: <u> </u>						

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. (AJ) Arlan

Name (Please Print)

Signature

Landman-Regulatory

11/15/2006

Title

Date

RECEIVED

NOV 15 2006

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73920
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: Rainbow 11-24-33-17
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 430479949 37949
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,838' FSL - 1,818' FEL		10. FIELD AND POOL, OR WILDCAT: Undesignated
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 11S 24E S		COUNTY: Uintah
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/21/2006	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Conductor and Surface Pipe Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

11-14-2006 MIRU Pete Martin Rathole and drill 12-1/4" conductor hole to 40'. Run 40' of 14" conductor and cement with 3 yards of Readymix.

11-17-2006 MIRU Bill Jr's Rathole Rig and drill surface pipe hole to 2,070'. RIH w/ 48 joints of 32#, J55, 8-5/8" surface casing to 2,014'. Cement guide shoe, float collar, 8 centralizers, and 2 cement baskets at 200' and 400' from surface. Big 4 cemented w/ 230 sx lead, 250 sx tail and 200 sx top.

Stage: 1, Lead, 0, 230, 16% GEL, 1/4# Flowcele, Class G, 3.85, 11.1.
 Stage: 1, Tail 0, 250, 2% CACL2, 1/4# Flowcele, Class G, 1.15, 15.8.
 Stage: 1, 0, 115, 2% CACL2, 1/4# Flowcele, Class G, 1.15, 15.8.
 Stage: 1, 0, 85, 2% CACL2, 1/4# Flowcele, Class G, 1.15, 15.8.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>11/21/2006</u>

(This space for State use only)

RECEIVED
NOV 24 2006

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

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73920
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: Rainbow 11-24-33-17
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 430473949 37949
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,838' FSL - 1,818' FEL COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 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: 3/15/2007	<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>Notice of first gas sales.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

3-14-2007 First Gas Sales.
Well made 29 mcf overnight,
Tubing pressure 100#'s,
Casing pressure 770#'s.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>3/26/2007</u>

(This space for State use only)

RECEIVED
MAR 28 2007
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

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 [x] DRY [] OTHER []
b. TYPE OF WORK: NEW WELL [x] HORIZ. LATS. [] DEEP-EN. [] RE-ENTRY [] DIFF. RESVR. [] OTHER []
2. NAME OF OPERATOR: Enduring Resources, LLC
3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 573-1222
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1838' FSL - 1818' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: same as above AT TOTAL DEPTH: same as above
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73920
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT OR CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Rainbow 11-24-33-17
9. API NUMBER: 4304737949
10. FIELD AND POOL, OR WILDCAT: Undesignated
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 11S 24E
12. COUNTY: Uintah 13. STATE: UTAH

14. DATE SPUNNED: 12/26/2006 15. DATE T.D. REACHED: 12/31/2006 16. DATE COMPLETED: 3/14/2007 ABANDONED [] READY TO PRODUCE [x]
17. ELEVATIONS (DF, RKB, RT, GL): 5675 RKB
18. TOTAL DEPTH: MD 6,200 TVD 19. PLUG BACK T.D.: MD 6,120 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 4 21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Previously submitted. (CD, CN, GIR, Pex, AIT)
23. WAS WELL CORED? NO [x] YES [] (Submit analysis) WAS DST RUN? NO [x] YES [] (Submit report) DIRECTIONAL SURVEY? NO [x] YES [] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)
Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED
Rows: 20" 14" line pipe 0 42 3 yards 0 (CIR) 0; 12 1/4" 8 5/8 J55 32# 18 2,014 CI G 680 250 18 (CIR) 0; 7-7/8" 4.5 M80 11.6# 18 6,165 CI G 670 286 980 (CBL) 0

25. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)
Row: 2 3/8" 5,703

26. PRODUCING INTERVALS 27. PERFORATION RECORD
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS
Rows: (A) Mesaverde 5,744 6,052 5,744 6,052 .38" 54 Open [x] Squeezed []; (B) Wasatch 3,042 3,064 3,042 3,064 .38" 18 Open [x] Squeezed []; (C) Open [] Squeezed []; (D) Open [] Squeezed []

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL
Rows: 5,744 - 6,052 Placed 110,185 lbs Ottawa 30/50 proppant in Mesaverde formation; 3,042 - 3,064 Placed 28,951 lbs Ottawa 30/50 proppant in Wasatch formation

29. ENCLOSED ATTACHMENTS: [] ELECTRICAL/MECHANICAL LOGS [] GEOLOGIC REPORT [] DST REPORT [] DIRECTIONAL SURVEY [] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [] OTHER:
30. WELL STATUS: Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 3/14/2007		TEST DATE: 3/31/2007		HOURS TESTED: 432		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 14	WATER - BBL: 0	PROD. METHOD: 18 day avg
CHOKE SIZE: 64/64	TBG. PRESS. 250	CSG. PRESS. 1,000	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 44	WATER - BBL: 0	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

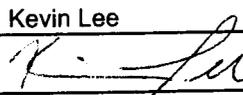
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	330				
Wasatch	2,660				
Mesaverde	4,387				

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 4/10/2007

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

43-047-31449
1711S24e



Enduring Resources, LLC

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

CONFIDENTIAL

**Drilling Chronological
Regulatory**

Well Name: RAINBOW 11-24-33-17									
Field Name:			S/T/R: //		County, State: UINTAH, UT				
Operator: Enduring Resources LLC			Location Desc: NWSE-17-11S-24E		District: Northern				
Project AFE: DV00181			AFEs Associated:		///				
Daily Summary									
Activity Date : 10/31/2006		Days From Spud : 0		Current Depth : 0 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :			Rig Name:						
Formation :			Weather:						
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	2.00	24	WAITING ON LOCATION				0	0	NIH
8:00	9.00	22	MI PONDEROSA AND START BUILDING LOCATION				0	0	NIH
17:00	13.00	24	SDFN				0	0	NIH
Total: 24.00									
Daily Summary									
Activity Date : 11/1/2006		Days From Spud : 0		Current Depth : 0 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :			Rig Name:						
Formation :			Weather:						
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	2.00	24	SDFN				0	0	NIH
8:00	9.00	22	Building Location				0	0	NIH
17:00	13.00	24	SDFN				0	0	NIH
Total: 24.00									
Daily Summary									
Activity Date : 11/2/2006		Days From Spud : 0		Current Depth : 0 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :			Rig Name:						
Formation :			Weather:						
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	2.00	24	SDFN				0	0	NIH
8:00	9.00	21	Building Location				0	0	NIH
17:00	13.00	24	SDFN				0	0	NIH
Total: 24.00									
Daily Summary									
Activity Date : 11/3/2006		Days From Spud : 0		Current Depth : 0 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :			Rig Name:						
Formation :			Weather:						
Operations									
Start	Hrs	Code	Remarks				Start Depth	End Depth	Run
6:00	2.00	24	SDFN				0	0	NIH
8:00	9.00	21	Building Location				0	0	NIH
17:00	13.00	24	SDFN				0	0	NIH
Total: 24.00									

RECEIVED
APR 13 2007

Well Name:RAINBOW 11-24-33-17

Field Name:		S/T/R:	//	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary							
Activity Date :	11/6/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	Building Location	0	0	NIH
17:00	13.00	24	SDFW	0	0	NIH
Total:	24.00					

Daily Summary							
Activity Date :	11/7/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	Building Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

Daily Summary							
Activity Date :	11/8/2006	Days From Spud :	-48	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	Buiding Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

Daily Summary							
Activity Date :	11/9/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	21	Building Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

Daily Summary							
Activity Date :	11/10/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	24	SDFN	0	0	NIH
8:00	9.00	22	Building Location	0	0	NIH
17:00	13.00	24	SDFN	0	0	NIH
Total:	24.00					

RECEIVED

Well Name:RAINBOW 11-24-33-17

Field Name:		S/T/R:	//	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary							
Activity Date :	11/13/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:		Weather:			
Formation :							

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	24	SDFN	0	0	NIH	
8:00	9.00	21	Building Location	0	0	NIH	
17:00	13.00	24	SDFW	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	11/14/2006	Days From Spud :	0	Current Depth :	0 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:		Weather:			
Formation :							

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	24	SDFN	0	0	NIH	
8:00	9.00	21	Building Location	0	0	NIH	
17:00	13.00	24	SDFN	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	11/15/2006	Days From Spud :	0	Current Depth :	40 Ft	24 Hr. Footage Made :	40 Ft
Rig Company :		Rig Name:		Weather:			
Formation :							

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	6.00	24	WAITING ON CONDUCTOR	0	0	NIH	
12:00	6.00	02	MI PETE MARTIN RATHOLE SERVICE AND DRILL 40 FT OF 20" CONDUCTOR HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT WITH 3 YARDS OF READY MIX.	0	40	NIH	
18:00	12.00	24	SDFN	40	40	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	11/16/2006	Days From Spud :	0	Current Depth :	40 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:		Weather:			
Formation :							

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	24	SDFN	40	40	NIH	
8:00	9.00	20	FINISH BUILDING LOCATION	40	40	NIH	
17:00	13.00	24	SDFN	40	40	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	11/18/2006	Days From Spud :	-39	Current Depth :	780 Ft	24 Hr. Footage Made :	740 Ft
Rig Company :		Rig Name:		Weather:			
Formation :							

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	6.00	24	SDFN	40	40	NIH	
12:00	18.00	02	MI BILL JRS RATHOLE AND DRILL 12 1/4" HOLE TO 780 FT	40	780	NIH	
Total:	24.00						

RECEIVED

APR 13 2007

4/10/2007

Well Name:RAINBOW 11-24-33-17

Field Name:	S/T/R:	//	County, State:	UINTAH, UT	
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary

Activity Date :	11/19/2006	Days From Spud :	0	Current Depth :	1710 Ft	24 Hr. Footage Made :	930 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	DRILLING 12 1/4" HOLE TO 1710 FT	780	1710	NIH
Total:		24.00				

Daily Summary

Activity Date :	11/20/2006	Days From Spud :	-37	Current Depth :	2070 Ft	24 Hr. Footage Made :	360 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	02	drilling 12 1/4" hole to 2070 ft	1710	2070	NIH
Total:		24.00				

Daily Summary

Activity Date :	11/21/2006	Days From Spud :	0	Current Depth :	2070 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	12	run 48 jts of 8 5/8" 32# J55 CASING TO 2014 FT. CEMENT GUIDE SHOE, FLOAT COLLAR, 8 CENTRALIZERS AND 2 CEMENT BASKETS AT 200 AND 400 FT. BIG 4 CEMENTED WITH 230 SX LEAD, 250 SX TAIL AND 200 SX TOP. 2 YARDS OF READYMIX TO TOP OFF.	2070	2070	NIH
12:00	18.00	24		2070	2070	NIH
Total:		24.00				

Daily Summary

Activity Date :	12/22/2006	Days From Spud :	-4	Current Depth :	2070 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
	0.00		SATELITE WAS DAMAGED DURING RIG MOVE NOW REPAIREDTESTER TO BE ON LOC 0530 IN THE MORNING	2070	2070	NIH
18:00	6.00		W.O.DAYLIGHT	2070	2070	NIH
6:00	12.00	01	RIG 100% MOVED DERRICK AT HALF MASK	2070	2070	NIH
Total:		18.00				

Daily Summary

Activity Date :	12/23/2006	Days From Spud :	-3	Current Depth :	2070 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	CONTINUT RIGGING UP 100% RIGGED UP	2070	2070	NIH
18:00	12.00	08	WAIT ON BOILER PARTS	2070	2070	NIH
Total:		24.00				

RECEIVED
APR 13 2007

Well Name: RAINBOW 11-24-33-17							
Field Name:		S/T/R:	//	County, State:	UINTAH, UT		
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern		
Daily Summary							
Activity Date :	12/24/2006	Days From Spud :	-2	Current Depth :	2070 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	6.00	08	WAIT ON PARTES FOR BOILER PARTS ON LOC@1300 HOURS	2070	2070	NIH	
12:00	3.50	08	WORK ON AND REPAIR ON BOILER	2070	2070	NIH	
15:30	2.50	08	BOILER UP AND RUNNING WE TESTED SAME TILL QUICK TEST ARRIVED. THAW OUT LINES ON RIG	2070	2070	NIH	
18:00	11.50	15	R/U QUICK TEST AND TEST BOPs ALL TESETED OK	2070	2070	NIH	
5:30	0.50	21	PREPARE AND M/U BIT/MOTOTR TO DRILL OUT MOUSEHOLE	2070	2070	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	12/25/2006	Days From Spud :	-1	Current Depth :	2070 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
23:30	6.50		NOTE: MORNING TOUR CREW WALKED OFF JOB @2330 TOOL PUSHER WENT TO CREW CAMP TO SEE IF WE WAS NOT ABLE TO ROUND UP CREW OFF OF DAY LIGHT TO HELP FINSHING DRLG OUT MOUSE HOLE CREW DUE TO COME ON TOUR FROM DAYS OFF AGREE TO SHOW UP WAITING ON DRILL CREW	2070	2070	NIH	
6:00	4.50	01	CONTINUE RIGGING UP	2070	2070	NIH	
10:30	3.50	22	WAIT ON COLLARS SLIPS(EXCALIBER P/U WHEN THAY P/U THERE T00IS)	2070	2070	NIH	
14:00	1.00	21	P/U AND M/U BIT SUB/MUD MOTOR&12.25 BIT M/U BIT UNDER RIG FLOOR TO DRILL OUT MOUSE HOLE	2070	2070	NIH	
15:00	3.00	21	RE-DRILL MOUSE HOLE	2070	2070	NIH	
18:00	2.00	21	DIG DITCHES TO DRAIN OFF WATER ON LOC BACK TO RESERVE PIT	2070	2070	NIH	
20:00	1.00	21	CONTINUE RE-DRILLING MOSUE HOLE	2070	2070	NIH	
21:00	1.00	21	SWIVEL PACKING LEAKING- TIGHTING UPPER AND LOWER JAM NUTS	2070	2070	NIH	
22:00	1.50	21	UNTHAWPUMP #2 4" DISCHARGE VALVESBRAKE 12.25 BIT AND MUD MOTOR BLOW DOWN KELLY AND MUD LINES	2070	2070	NIH	
Total:	24.00						

RECEIVED

APR 13 2007

Well Name:RAINBOW 11-24-33-17

Field Name:	S/T/R:	//	County,State:	UINTAH, UT
Operator: Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary

Activity Date :	12/26/2006	Days From Spud :	1	Current Depth :	2100 Ft	24 Hr. Footage Made :	30 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
	0.00			2070	2070	1
6:00	4.00	21	WORK ON STEAM LINES/HOOK UP PASON LINES	2070	2070	1
10:00	4.00	21	DRILL OUT MOUSE HOLE AND INSTALL MOUSE HOLE SHUCK	2070	2070	1
14:00	0.50	21	INSTALL WEAR BUSHING	2070	2070	1
14:30	2.50	12	R/U L/D CREW TO P/U B.H.A. HELD SAFETY MEETING	2070	2070	1
17:00	1.50	21	P/U B.H.A. AND DRILL PIPE	2070	2070	1
18:30	0.50	22	WAIT ON LAY DOWN CREW	2070	2070	1
19:00	2.00	21	CONTINUE P/U DRILL PIPE TAG STRINGER CEMENT@1960	2070	2070	1
21:00	0.50	21	R/D LAY DOWN CREW	2070	2070	1
21:30	1.50	21	THAW OUT 2" ON PUMP#1	2070	2070	1
23:00	2.50	01	R/U PANIC LINE/FLARE LINE CHOKE LINE /AUTOMATIC-DRILLER AND CROVER ALL LINES W/ TRAP	2070	2070	1
1:30	3.50	21	DRILL STRINGER CEMENT F/ 1960 AND F/C @ AND CEMENT AND SHOE @	2070	2070	1
5:00	0.50	21	CONDUCT F.I.T.W/8.4 W/200 P.S.I.EQUV TO10.2 PPG TEST GOOD	2070	2070	1
5:30	0.50	02	DRLG F/2070 T/2100	2070	2100	1
Total:	24.00					

Daily Summary

Activity Date :	12/27/2006	Days From Spud :	2	Current Depth :	3388 Ft	24 Hr. Footage Made :	1288 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	DRLG F/2100 T/2170(70'=70 F.P.H.)	2100	2170	1
7:00	0.50	10	SURVEY@2091=1 DEG =148.0 AZI	2170	2170	1
7:30	6.00	02	DRLG F/2170 T/2607=(437'=72.83 F.P.H.)	2170	2607	1
13:30	0.50	10	SURVEY@2529=1.6 DEG=125.6AZI	2607	2607	1
14:00	0.50	07	SERVICES RIG	2607	2607	1
14:30	7.00	02	DRLG F/2607 T/ 3007	2607	3007	1
21:30	0.50	10	SURVEY @ 2922' = 1.2 AZMT = 116.0	3007	3007	1
22:00	8.00	02	DRILL F/ 3007 T/ 3388 & DRILLING AHEAD	3007	3388	1
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3388		0.00	8.40	27	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	0												

RECEIVED

APR 13 2007

Well Name: RAINBOW 11-24-33-17

Field Name:	S/T/R:	//	County, State:	UINTAH, UT	
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary

Activity Date :	12/28/2006	Days From Spud :	3	Current Depth :	4037 Ft	24 Hr. Footage Made :	649 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
	0.00			3450	3450	1
6:00	1.50	02	DRILL F/ 3388' T/ 3450'	3388	3450	1
7:30	0.50	05	PUMP SLUG, BLOW DOWN KELLY	3450	3450	1
8:00	2.00	06	TRIP OUT OF HOLE TO CHANGE BIT	3450	3450	NIH
10:00	1.00	22	L/D BIT # 1, P/U BIT # 2 HUGHS 504 SERIAL # 7111682	3450	3450	NIH
11:00	1.50	09	SLIP AND CUT DRILL LINE	3450	3450	NIH
12:30	2.00	08	REPAIR LIGHTS IN DERRICK	3450	3450	NIH
14:30	3.50	06	TRIP IN HOLE W/ BIT # 2	3450	3450	NIH
18:00	0.50	05	CIRCULATE GAS OUT OF MUD AFTER TRIP	3450	3450	NIH
18:30	0.50	03	WASH AND REAM 30' FILL	3450	3450	NIH
19:00	3.00	02	DRILL F/ 3450 T/ 3636	3450	3636	2
22:00	0.50	10	SURVEY @ 3562' = 1.2 AZMT = 138.9	3636	3636	2
22:30	7.50	02	DRILL F/ 3636 T/ 4037	3636	4037	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3450	9:30	9.10	9.10	32	7	3	1/2/0	12.0	0.0	0	0.00	5.5%	95.0%	0.0%	1.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	10.50	0.85	0.32	0.45	1600	80	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	80												

Daily Summary

Activity Date :	12/29/2006	Days From Spud :	4	Current Depth :	5165 Ft	24 Hr. Footage Made :	1128 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.50	02	DRILL F/ 4037' T/ 4539'	4037	4539	2
14:30	0.50	10	SURVEY @ 4461' = 1.2 DEG, AZMT = 153.4	4539	4539	2
15:00	1.50	02	DRILL F/ 4539' T/ 4634	4539	4634	2
16:30	0.50	07	SERVICE RIG	4634	4634	2
17:00	13.00	02	DRILL F/ 4665' T/ 5,165 AND DRILLING AHEAD	4634	5165	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4430	12:00	9.70	9.70	37	10	9	2/4/8	6.0	0.0	0	0.00	5.5%	95.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.70	0.10	0.05	0.30	1600	80	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	100												

RECEIVED

APR 13 2007

4/10/2007

Well Name:RAINBOW 11-24-33-17

Field Name: _____ S/T/R: // _____ County, State: UINTAH, UT
 Operator: Enduring Resources LLC Location Desc: NWSE-17-11S-24E District: Northern

Daily Summary

Activity Date : **12/30/2006** Days From Spud : 5 Current Depth : 5780 Ft 24 Hr. Footage Made : 615 Ft
 Rig Company : GWDC Rig Name: GWDC 132
 Formation : Mesaverde Weather:

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	10	SURVEY @ 5,087' = 1.2 DEG, AZMT = 121.5	5165	5165	2
6:30	2.00	02	DRILL F/ 5,165' T/ 5,267'	5165	5267	2
8:30	2.00	08	LOST 350 PSI, REPAIR PUMP # 2	5267	5267	2
10:30	0.50	02	DRILL F/ 5,267' T/ 5,315'	5267	5315	2
11:00	0.50	08	CHANGE FUEL FILTERS AN # 2 PUMP	5315	5315	2
11:30	5.50	02	DRILL F/ 5,315' T/ 5,535',	5315	5535	2
17:00	0.50	07	SERVICE RIG	5535	5535	2
17:30	2.00	02	DRILL F/ 5,535' T/ 5,569'	5535	5569	2
19:30	0.50	10	SURVEY @ 5,495' = 0.6 DEG AZMT = 153.5	5569	5569	2
20:00	10.00	02	DRILL F/ 5569' T/ 5780' DRILLING AHEAD	5569	5780	2
Total:		24.00				

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5315	8:00	10.20	10.20	42	13	9	3/8/12	6.0	0.0	2	0.00	11.0%	89.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.90	0.50	0.20	0.90	1000	60	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	100												

Daily Summary

Activity Date : **12/31/2006** Days From Spud : 6 Current Depth : 6200 Ft 24 Hr. Footage Made : 420 Ft
 Rig Company : GWDC Rig Name: GWDC 132
 Formation : Mesaverde Weather:

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	08	CHANGE FUEL FILTER ON ROTARY TABLE	5780	5780	2
6:30	6.50	02	DRILL F/ 5,780' T/ 5,914'	5780	5914	2
13:00	0.50	07	SERVICE RIG	5914	5914	2
13:30	0.50	02	DRILL F/ 5,914' T/ 5,921'	5914	5921	2
14:00	0.50	08	WORK ON AIR LINE TO RATARY TABLE	5921	5921	2
14:30	10.50	02	DRILL F/ 5,921' T/ 6,200	5921	6200	2
1:00	1.50	05	CIRCULATE, PUMP SWEEP	6200	6200	2
2:30	3.00	23	THAW FILL UP LINE	6200	6200	2
5:30	0.50	10	R.U. TO RUN SURVEY	6200	6200	2
Total:		24.00				

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5843	9:00	10.40	10.40	49	19	18	3/8/14	4.8	0.0	2	0.00	13.0%	87.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.00	0.20	0.10	0.50	900	40	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	110												

RECEIVED

APR 13 2007

4/10/2007

Well Name:RAINBOW 11-24-33-17

Field Name:	S/T/R:	//	County, State:	UINTAH, UT	
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary

Activity Date :	1/1/2007	Days From Spud :	7	Current Depth :	6200 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :	Mesaverde			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	10	SURVEY @ 6,122' 1.6 DEG, AZMT = 77.2	6200	6200	2
6:30	0.50	05	CONDITION MUD & CIRCULATE, TROUBLE SHOOT LINES.	6200	6200	2
7:00	2.00	06	PUMP SLUG, SHORT TRIP	6200	6200	2
9:00	1.50	08	WORK ON BREAKS & KICK OUT ROLLERS	6200	6200	2
10:30	1.00	06	FINISH SHORT TRIP TO SHOE	6200	6200	2
11:30	2.50	06	TRIP IN HOLE W/ 86 STDS	6200	6200	2
14:00	0.50	03	WASH TO BOTTOM, 45' FILL	6200	6200	2
14:30	2.00	05	CIRCULATE & CONDITION MUD, BUILD SLUG	6200	6200	2
16:30	5.00	06	PUMP SLUG, BLOW DOWN KELLY, STRAP OUT OF HOLE, LAY DOWN STAB. AND MONEL	6200	6200	2
21:30	1.50	11	R.U. SCHLUMBERGER ELU. HELD SAFETY MEETING	6200	6200	2
23:00	6.00	11	RIH W/ TRIPLE-COMBO, LOG WELL, T.D. 6,193' WLM.	6200	6200	2
5:00	1.00	11	R.D. SCHLUMBERGER OPENHOLE	6200	6200	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6200	3:00	10.70	10.70	52	17	14	2/6/13	4.8	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.20	0.10	0.05	0.50	600	60	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	68												

Daily Summary

Activity Date :	1/2/2007	Days From Spud :	8	Current Depth :	6200 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	06	TIH / INSTALL ROTARY HEAD	6200	6200	2
9:30	0.50	06	PICK UP KELLY AND FILL DRILL PIPE	6200	6200	2
10:00	1.50	06	TIH TO T.D. NO FILL	6200	6200	2
11:30	3.50	05	CIRCULATE AND CONDITION MUD	6200	6200	2
15:00	0.50	05	R.U. LAYDOWN CREW HELD SAFETY MEETING	6200	6200	2
15:30	2.50	06	LAY DOWN DRILL PIPE	6200	6200	2
18:00	5.50	06	LAY DOWN DRILL PIPE AND BHA	6200	6200	2
23:30	1.50	22	R.U. CASING CREW HELD SAFETY MEETING	6200	6200	2
1:00	0.50	21	REMOVE WEAR RING	6200	6200	2
1:30	4.50	12	RUN CASING	6200	6200	2
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6200	3:00	10.70	10.70	52	17	14	2/6/13	4.8	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.20	0.10	0.05	0.50	600	60	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	68												

RECEIVED

APR 13 2007

4/10/2007

DIV. OF OIL, GAS & MINING

Well Name:RAINBOW 11-24-33-17

Field Name:	S/T/R:	//	County, State:	UINTAH, UT	
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary

Activity Date :	1/3/2007	Days From Spud :	9	Current Depth :	6200 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	12	FINISH ON HOLE W/ CASING	6200	6200	NIH
9:00	1.00	12	PUMP CELLAR OUT MAKE UP CSG PUP JT, HANGER & LANDING JT.	6200	6200	NIH
10:00	1.50	12	R.D. CASING CREW, R.U. HALLIBURTON CMT TRUCKS	6200	6200	NIH
11:30	1.50	05	CIRCULATE AND CONDITION HOLE	6200	6200	NIH
13:00	2.00	12	TEST LINES 4000 PSI, PUMP 10BBL FRESH, 20 BBL-SUPER FLUSH, 10 BBL FRESH SPACER, 27 BBL(40 SKS)HIGH FILL CEMENT- 11.PPG YEILD = 3.81, 258 BBLs (1030 SKS) 50/50 POS, 14.35 PPG CEMENT, YEILD = 1.41, CLEAN LINES, DROP PLUG AND DISPLACE W/ 95 BBLs FRESH WATER W/ CLAYFIX. BUMP PLUG 500 PSI OVER, FLOATS HOLDING.	6200	6200	NIH
15:00	1.00	21	R.D.M.O. H.E.S.	6200	6200	NIH
16:00	4.00	13	RIG DOWN / CLEAN PITS, RELEASE RIG @ 20:00	6200	6200	NIH
20:00	10.00	01	RIG DOWN.	6200	6200	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6200	3:00	10.70	10.70	52	17	14	2/6/13	4.8	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.20	0.10	0.05	0.50	600	60	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	68												

Daily Summary

Activity Date :	1/4/2007	Days From Spud :	10	Current Depth :	6200 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12.00	01	RIG DOWN DERRICK@HALLF MAST@1700 HOURS	6200	6200	NIH
18:00	12.00	21	W.O.DAYLIGHT	6200	6200	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6200	3:00	10.70	10.70	52	17	14	2/6/13	4.8	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.20	0.10	0.05	0.50	600	60	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	68												

RECEIVED

APR 13 2007

4/10/2007

Well Name: RAINBOW 11-24-33-17

Field Name:		S/T/R:	//	County, State:	UINTAH, UT
Operator:	Enduring Resources LLC	Location Desc:	NWSE-17-11S-24E	District:	Northern

Daily Summary

Activity Date :	1/5/2007	Days From Spud :	11	Current Depth :	6200 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	GWDC			Rig Name:	GWDC 132		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	12:00	21	TRUCKS ON LOC@0730 HAD 9 TRUCKS ON LOC DERRICK OVER@1030TIG OFF LOC@1200@16:00 SPOTTING SUB AND RIG FLOORON NEW LOC	6200	6200	NIH
18:00	12:00	22	W.O.DAYLIGHT WE WELL MOVE RIG AND MAIN CAMP IN THE MORNING	6200	6200	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6200	3:00	10.70	10.70	52	17	14	2/6/13	4.8	0.0	2	0.00	15.0%	85.0%	0.0%	0.1%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
8.0	9.20	0.10	0.05	0.50	600	60	0	0.00	0.00	0	0	0.00		0	
Water Loss	LCM	ECD	FL Temp	UFT	Remarks										
0	0.0	0.0	68												

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
11/20/2006	2014	48	3. Surface	8.625	32	J-55		12.25	2070
Stage: 1, Lead, 0, 230, 16% GEL 1/4# FLOWCELE, Class G, 3.85, 11.1									
Stage: 1, Tail, 0, 250, 2% CACL 2 1/4# FLOWCELE, Class G, 1.15, 15.8									
Stage: 1, , 0, 115, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
Stage: 1, , 0, 85, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8									
12/29/2006	6164.56	147	5. Production	4.5	11.6	M-80	0	7.875	6193
Stage: 1, Lead, 0, 40, HIGH-FILL, V, 3.81, 0									
Stage: 1, Tail, 0, 1030, 50/50 POS, Class G, 1.41, 0									
Stage: 1, Displacement, 95, 0, FRESH WATER, , 0, 0									

RECEIVED

APR 13 2007

4/10/2007

DIV. OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL [] GAS WELL [x] OTHER []
2. NAME OF OPERATOR: Enduring Resources, LLC
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 City Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1,838' FSL - 1,818' FEL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 11S 24E S STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73920
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Rainbow 11-24-33-17
9. API NUMBER: 430473949 37949
10. FIELD AND POOL, OR WILDCAT: Undesignated

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
In order to prevent waste of gas, as defined by law; to protect the correlative rights of all parties concerned; to prevent the drilling of un-necessary wells; and to insure proper and efficient development and promote conservation of the gas resources of the State of Utah, Enduring Resources, LLC respectfully request approval to perforate and commingle the Wasatch and Mesaverde formations "pools" in the same well bore.
1. Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs.
2. These formations shall be commingled in the well bore and produced concurrently in a single string of 2-3/8" production tubing.
3. Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units.
4. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas lease or production units overlying the "pool."

COPY SENT TO OPERATOR
Date: 5/22/07
Initials: CHD

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 4/23/2007

(This space for State use only)
Accepted by the Utah Division of Oil, Gas and Mining
Federal Approval Of This Action Is Necessary
RECEIVED APR 25 2007
DIV. OF OIL, GAS & MINING
Date: 5/17/07 See Instructions on Reverse Side
By: [Signature]

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500
Denver, Colorado 80202
Telephone: 303-573-1222
Facsimile: 303-573-0461

October 20, 2005

The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, Texas 77002

CERTIFIED MAIL
ARTICLE NO: 7066 2760 0002 2878 4586

Attention: Land Department

RE: Commingling Application
Rainbow 11-24-33-17
1,838' FSL - 1,818' FEL (NWSE) Section 17, T11S-R24E
Uintah County, Utah

Dear Leasehold Interest Owner:

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

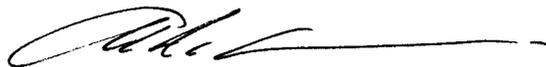
Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. These formations (pools) shall be commingled in the well's well bore.

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

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

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

RECEIVED
APR 25 2007
DIV. OF OIL, GAS & MINING

AFFIDAVIT OF MAILING

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

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

1. Affiant is a Landman-Regulatory Specialist for Enduring Resources, LLC (hereinafter sometimes referred to as "Enduring") whose address is 475 17th Street, Denver, Colorado 80202,

2. Enduring is the operator of the following described oil and gas well:

**Rainbow 11-24-33-17
1,838' FSL - 1,818' FEL (NWSE) Section 17, T11S-R24E
Uintah County, Utah**

3. A cursory search of applicable records confirmed that the following parties are the only leasehold interest owners in the contiguous oil and gas wells, contiguous oil and gas leases, or contiguous oil and gas well production units overlying the "pool."

1. The Houston Exploration Company
- 2.
- 3.
- 4.

4. On Friday, April 20, 2007 Affiant mailed (or caused to be mailed) in U.S. Mail, with postage prepaid, a copy of the attached Application for Commingling two or more pools (formations) in one well bore of the well described in Paragraph No. 2 above which said Application for Commingling (Form 9) has/had concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the Bureau of Land Management), and

5. Attached is a map showing the location of wells' located on contiguous oil and gas leases and/or production units.

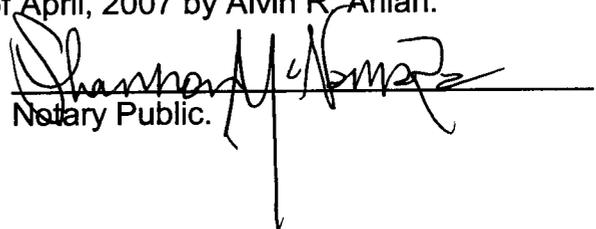
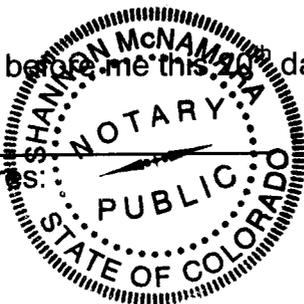
Affiant saith no more.



Alvin R. Arlian, Affiant

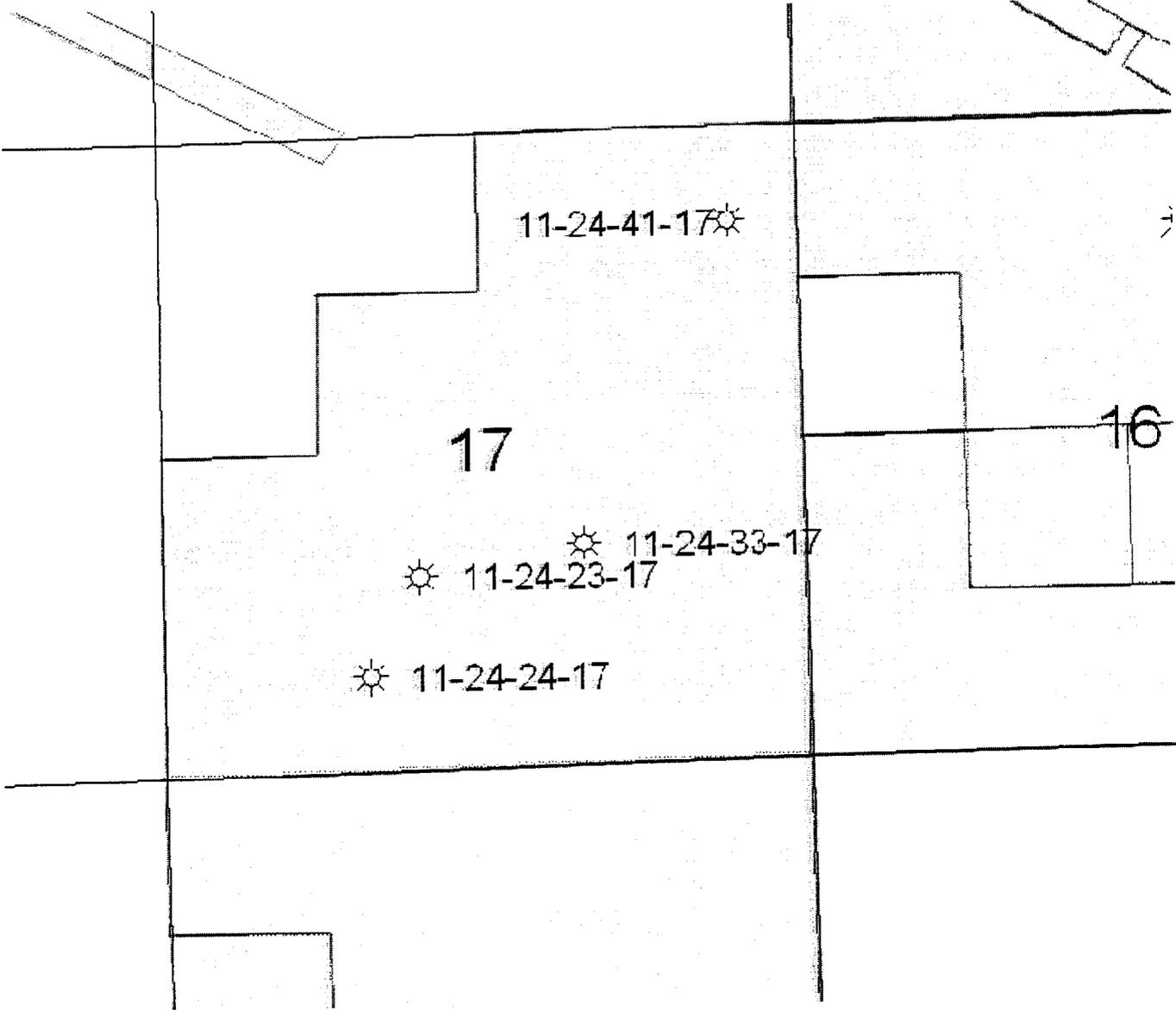
Scribed and sworn to before me this 20 day of April, 2007 by Alvin R. Arlian.

March 6, 2009
My Commission Expires:



Notary Public.

MAP ATTACHED TO ENDURING RESOURCES, LLC COMMINGLING
APPLICATION FOR RAINBOW 11-24-33-17 LOCATED IN THE NWSE SEC. 17,
T11S-R24E



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

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73920
		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
		8. WELL NAME and NUMBER: Rainbow 11-24-33-17
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	9. API NUMBER: 4304737949	
2. NAME OF OPERATOR: Enduring Resources, LLC	10. FIELD AND POOL, OR WILDCAT: Undesignated	
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 350-5719	

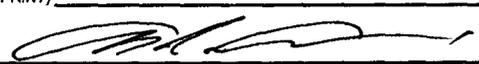
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1,838' FSL - 1,818' FEL NWSE COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 11S 24E S STATE: UTAH

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/12/2007	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Pit Closed and Reseeded.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
11-12-2007 Pit has been backfilled and reseeded.

Utah State Bond #RLB0008031
Operator No. N2750

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>11/12/2007</u>

(This space for State use only)

RECEIVED
NOV 15 2007

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73920
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: Rainbow 11-24-33-17	
2. NAME OF OPERATOR: Enduring Resources, LLC		9. API NUMBER: 4304737949
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,838' FSL - 1,818' FEL NWSE COUNTY: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 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"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Commingling</u> <u>Conformation</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/30/2008			

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

3-14-2007 First Gas Sales.

Conformation that well was commingled in the Wasatch and Mesaverde formations "pools" in the initial completion attempt.

Utah State Bond #RLB0008031
Operator No. 10750

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>9/30/2008</u>

(This space for State use only)

RECEIVED

OCT 06 2008

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
4304737949	Rainbow 11-24-33-17		NWSE	17	11S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	15780	15780	11/14/2006			2/10/09	
Comments: 3-14-2007 First Gas Sales. Well was commingled in the Wasatch and Mesaverde formations "pools" in the initial completion attempt. <i>WSMVD</i>							

Well 2

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

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

2/9/2009

Date

RECEIVED

FEB 09 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-073920
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: ASPHALT
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RAINBOW 11-24-33-17
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047379490000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1838 FSL 1818 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 17 Township: 11.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: ROCK HOUSE COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/5/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> 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 checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

P&A procedure attached.

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

Date: June 13, 2016
 By: Derek Duff

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 6/8/2016	



Recommended Procedure

Plug and Abandonment

Operator:	Enduring Resources, LLC		
Well name:	Rainbow #11-24-33-17		
Legal:	NWSE, Section 17, Township 11 South, Range 24 East		
Location:	Uintah County, Utah		
GPS:	39.85976, -109.25181		
API:	43-047-37949		
Surface:	8-5/8" 32# at 2,014'	Hole size: 12-1/4"	TOC: Surface
Production:	4-1/2" 11.6# at 6,167'	Hole size: 7-7/8"	TOC: 970' (CBL)
Tubing:	2-3/8" 4.7# at 5,703'		
Perforations:	3,061' – 3,064' (Wasatch); 5,744' – 5,760'; 5,892' – 5,896'; 6,042' – 6,052' (Mesaverde)		
PBTD:	6,140'		
TD:	6,200'		

Procedure based off of completion reports and well history, this is NOT a final procedure

1. Conduct pre-job safety meeting and complete daily JSA
 2. Prior to MIRU, check rig anchors and blow down well/kill if necessary
 3. Dig out around wellhead and check surface annulus for pressure
(If present call Tommy Joyce #817-933-9759 and Craig Owen #970-646-3933 for orders)
 4. MIRU P&A equipment, NDWH, NUBOP, Load and circulate wellbore clean
 5. TOH and tally 5,694' of tubing to derrick, LD remaining tubing and BHA
 6. PU 4-1/2" 11.6# casing scraper/bumper sub, TIH to 5,694', TOH, LD BHA
 7. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 5,694' (50' above topmost Mesaverde perfs)
 8. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP
(10 sxs is 131' in 4-1/2", TOC: 5,563')
 9. TOH and LD to 5,400', Reverse circulate tubing clean
 10. Pump 37 bbl. of water treated with corrosion inhibitor
 11. TOH, Stand back 3,011'
 12. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 3,011' (50' above topmost Wasatch perfs)
 13. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP
(10 sxs is 131' in 4-1/2", TOC: 2,880')
 14. TOH and LD to 2,750', Reverse circulate tubing clean, Pressure test casing to 500 psi for 5 minutes
(If test fails call Tommy Joyce and Craig Owen for orders)
- Note: If casing pressure test fails (step 14) additional steps/services required by the Utah DOGM/BLM are not included in this bid and will be billed per our 2016 Time and Material Price Schedule.
15. Circulate 43 bbl. of water treated with corrosion inhibitor
 16. TOH and LD to 2,114' (100' below surface casing shoe), Establish circulation to surface
 17. Pump 15 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to cover surface casing shoe
(15 sxs is 197' in 4-1/2", TOC: 1,917')
 18. TOH to 1,800', Reverse circulate tubing clean, WOC 4 hours, TIH and tag TOC at 1,964' or higher
 19. TOH and LD to 100', Establish circulation to surface
 20. Circulate 8 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
 21. TOH and LD tubing, Dig out and cut off wellhead 6' below restored ground level
 22. TIH 100' in 4-1/2" x 8-5/8" with 1" tubing, Establish circulation to surface
 23. Circulate 21 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
 24. TOH and LD tubing, RDMO, Top off if necessary
 25. Weld on info plate, backfill, clean location, P&A complete

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-073920	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: ASPHALT	8. WELL NAME and NUMBER: RAINBOW 11-24-33-17
1. TYPE OF WELL Gas Well	9. API NUMBER: 43047379490000
2. NAME OF OPERATOR: Enduring Resources, LLC	9. FIELD and POOL or WILDCAT: ROCK HOUSE
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1838 FSL 1818 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 17 Township: 11.0S Range: 24.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/5/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Plugging report attached. Well waiting on reclamation and re-seeding planned this fall.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 08, 2016

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 8/8/2016	

Enduring Resources

Chronological Plugging Report

Rainbow 11-24-33-17

8/3/16

JSAMIRU Magna #34. Blow well to tank. RU pump and lines. Circ 70 bbls 10# brine to kill. ND WH. NU BOPE. Unland tbg hanger. TOOH w/98 jts tbg and had severe corrosion. Start laying tbg down. Well blew in. Jt in slips had 5 holes above the floor. Stab 8' pup jt and lower bad jt below BOP. Top kill well w/40 bbls brine. FOOH w/136 jts tbg total. Left approx 1500' of tbg in hole. BLM to allow leaving tbg in hole and covering tbg and bad csg w/cement. PU TIH w/bit and scraper on 96 jts tbg to 2988'. SWIFN

8/4/16

JSA meeting. Tag up at 3140' w/ scraper and 100 jts. TOOH LD bit and scraper. TIH w/4 1/2" CICR and set @3137'. Establish injection rate, 3bpm @600 psi. Test tbg to 1600 psi. Pump 100 sks cement below CICR to cover tbg and bad csg. 100 sks is 1300'. LD 4 jts tbg. TOOH LD setting tool. PU 4 1/2" CIBP and TIH to 3005'. CICR would not set. TOOH, wait for new plug. TIH w/CICR and set at 3005'. SWIFN.

8/5/16

JSA. Circ well with corrosion inhibitor treated water. Pressure test csg to 500 psi. Good. Spot 10 sks cement on CIBP as follows. 1 bbl fresh, 10 sks cement, 1 bbl fresh and 9 bbls displ. Cement 3005' to 2875'. LD 29 jts tbg. EOT 2100'. Pump 15 sks cement across surface csg shoe as follows. 1 bbl fresh, 15 sks cement, 1 bbl fresh and 5 bbls displ. Cement 2100' to 1900'. LD 63 jts tbg. EOT 120'. Pump 14 sks cement from 120' to surface. ND BOPE and tbg handling equipment. RD rig. Move to Hanging Rock 12-24-11-18. Dig out and cut off WH. 1" down 8 5/8" csg. Top off well w/34 sks cement. Weld on info plate and backfill hole. P and A complete.