Enduring Resources

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

October 17, 2006

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

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC
Bitter Creek 12-22-21-24
NE-NW 24-12S-22E
Federal Lease: UTU-73691
Uintah County, Utah

Dear Ms. Whitney:

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

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 303-350-5719.

Very truly yours,

ENDURING RESOURCES, LLC

Evette Bissett

Evette Bissett
Regulatory Compliance Assistant

Enclosures

RECEIVED
OCT 2 0 2006
DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: UTU-73691
6. SURFACE: Federal

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑

8. UNIT or CA AGREEMENT NAME: Buck Camp

2. NAME OF OPERATOR: Enduring Resources, LLC

9. WELL NAME and NUMBER: Bitter Creek 12-22-21-24

3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80220
PHONE NUMBER: (303) 350-5719

10. FIELD AND POOL, OR WILDCAT: ~~Undesignated~~ Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 684' FNL - 1947' FWL 636589 X 39.764523
AT PROPOSED PRODUCING ZONE: Same 4402628 Y -109.405391

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 24 12S 22E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 70.8 miles Southeast of Vernal, UT

12. COUNTY: Uintah
13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 684'
16. NUMBER OF ACRES IN LEASE: 1280
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): 1000' +
19. PROPOSED DEPTH: 7,025
20. BOND DESCRIPTION: RLB0008031

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5938' RT-KB
22. APPROXIMATE DATE WORK WILL START: 1/15/2007
23. ESTIMATED DURATION: 20 days

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	14"	line pipe		40	3 yards	Ready Mix		
11"	8-5/8"	J-55	24#	2,016	Premium Lead	138 sxs	3.50	11.1
					Premium Tail	138 sxs	1.15	15.8
7-7/8"	4-1/2"	N-80	11.6#	7,025	Class G	54 sxs	3.3	11.0
					50/50 Poz Class G	859 sxs	1.56	14.3

25. ATTACHMENTS

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

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Evette Bissett
TITLE Regulatory Compliance Assistant
SIGNATURE Evette Bissett
DATE 10/12/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38740

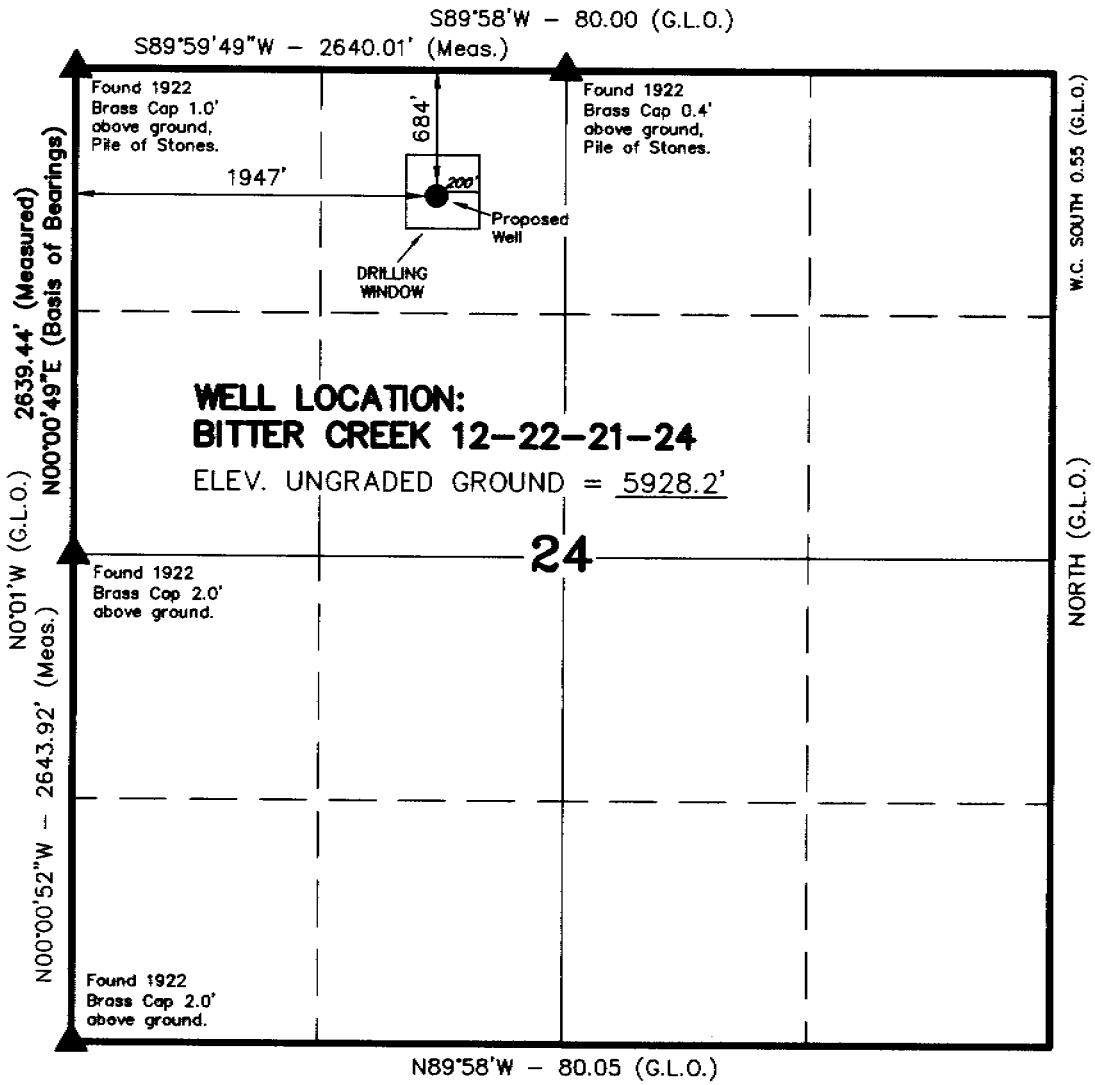
Federal Approval of this Action is Necessary

Approved by the Utah Division of Oil, Gas and Mining
APPROVAL:
Date: 10-26-06
(See Instructions on Reverse Side)
By: [signature]

RECEIVED
OCT 20 2006
DIV. OF OIL, GAS & MINING

(11/2001)

T12S, R22E, S.L.B.&M.



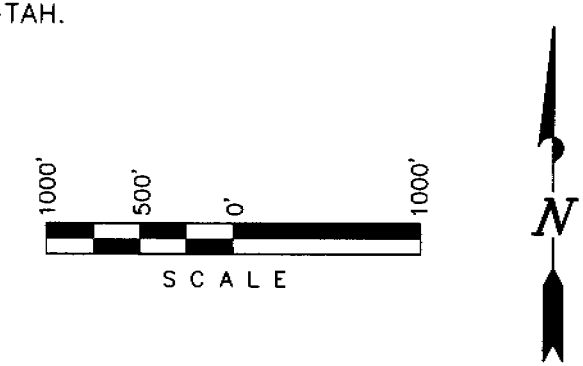
▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 70 EAM 1965 LOCATED IN THE SW 1/4 OF SECTION 31, T12S, R22E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE BATES KNOLLS 7.5 MIN. QUADRANGLE AS BEING 6356'.

BITTER CREEK 12-22-21-24
(Proposed Well Head)
NAD 83 Autonomous
LATITUDE = 39° 45' 52.17"
LONGITUDE = 109° 24' 21.81"

ENDURING RESOURCES

WELL LOCATION, BITTER CREEK 12-22-21-24, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 24, T12S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

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

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

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

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

DATE SURVEYED: 06-12-06	SURVEYED BY: K.R.K.	SHEET
DATE DRAWN: 06-20-06	DRAWN BY: M.W.W.	2
SCALE: 1" = 1000'	Date Last Revised:	OF 10

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.

Bitter Creek 12-22-21-24
Surface Location: NENW Sec. 24-12S-22E
684' FNL – 1947' FWL
Lease Serial No.: UTU-73691
Uintah County, Utah

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

Evette Bissett

10/17/2006
Date

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

Enduring Resources, LLC
Bitter Creek 12-22-21-24
NE-NW 24-12S-22E
Uintah County, Utah
Federal Lease: UTU-73691

ONSHORE ORDER 1 - DRILLING PLAN

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

Formation	Depth (K.B.)
Uinta	Surface
Green River	55
Wasatch	2718
Mesaverde	4620

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

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5938'	
Oil / Gas	Green River	55
Oil /Gas	Wasatch	2718
Oil /Gas	Mesaverde	4620
	Estimated TD	7025

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

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

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

B. Pressure Rating: 3,000 psi BOPE

C. Kelly will be equipped with upper and lower Kelly valves.

D. Testing Procedure: Annular Preventer

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

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

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

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

Blow-Out Preventer

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

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

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

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

E. Miscellaneous Information:

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

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 7025' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next16 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)
7025' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.74(d)	7780/2.32 (e)	223/3.18(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% CaC_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 ft^3/sx) cement will be premium cement w/ 3% $CaCl_2$.+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	602	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	54	25	11.0	3.3
4-1/2"	Tail	4707	50/50 POZ Class G + 2% gel +1% $CaCl_2$ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	859	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'-7025' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

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

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

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

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

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H_2S 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 3653 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2108 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
Bitter Creek 12-22-21-24
Section 24, T12S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 29.4 MILES TO ITS INTERSECTION WITH THE BUCK CANYON ROAD (COUNTY B ROAD 5460). CONTINUE IN A SOUTHEASTERLY DIRECTION ALONG THE SEEP RIDGE ROAD APPROXIMATELY 4.0 MILES TO ITS INTERSECTION WITH THE EAST BENCH ROAD (COUNTY B ROAD 4130). EXIT LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4130 APPROXIMATELY 2.3 MILES TO ITS INTERSECTION WITH A CLASS D COUNTY ROAD TO THE NORTHEAST. EXIT RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG THE COUNTY D ROAD APPROXIMATELY 2.9 MILES TO A SECOND CLASS D COUNTY ROAD. EXIT RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG THE SECOND COUNTY D ROAD APPROXIMATELY 0.7 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2,450 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 70.8 MILES IN A SOUTHEASTERLY DIRECTION.

Enduring Resources, LLC
Bitter Creek 12-22-21-24
NE-NW 24-12S-22E
Uintah County, Utah

Federal Lease: UTU-73691

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Proceed in a westerly direction from Vernal, Utah along U.S. Highway 40 approximately 14 miles to the junction of State Highway 88. Exit left and proceed in a southerly direction along State Highway 88 approximately 17 miles to Ouray, Utah. From Ouray, proceed in a southerly direction along the Seep Ridge Road (County B Road 2810) approximately 29.4 miles to its intersection with the Buck Canyon Road (County B Road 5460). Continue in a southeasterly direction along the Seep Ridge Road approximately 4.0 miles to its intersection with the East Bench road (County B Road 4130). Exit left and proceed in a northeasterly direction along County B Road 4130 approximately 2.3 miles to its intersection with a class d county Road to the northeast. Exit right and proceed in a northeasterly direction along the County D Road approximately 2.9 miles to a Second Class D County Road. Exit right and proceed in a southeasterly direction along the Second County D Road approximately 0.7 miles to the proposed access road. Follow road flags in a northeasterly, then southeasterly direction approximately 2,450 feet to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 70.8 miles in a southeasterly direction.

2. Planned Access Roads:

The proposed access road will be approximately 2,450 feet of new on-lease construction and .7 mile of upgraded two track. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction. Access will be using a Class D County Road into section 24.

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

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

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

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

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

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

a.	None:	Water Wells:
b.	None:	Injection Wells:
c.	None:	Producing Wells:
d.	None:	Drilling Wells:
e.	None:	Shut-in Wells:
f.	(1):	Temporarily Abandoned Wells:
		1. Uintah Federal 178-1, SWSW 24
g.	None:	Disposal Wells:
h.	None:	Abandoned Wells:
i.	None:	Dry Holes:
j.	None:	Observation Wells:
k.	(3):	Pending (staked) Wells:
		1. Enduring Resources has three other wells staked in this section

4. Location of Existing and/or Proposed Facilities:

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

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

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

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

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

Gas Gathering Pipeline:	ON-LEASE	4,970'	BLM
	OFF-LEASE	4,160'	BLM

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 9,130 feet of surface gas gathering pipeline (4") shall be laid on the surface to minimize surface disturbance:

The proposed pipeline will begin at the well site, be laid on the north side of the access road and tie-into pipeline located next to the Class D County Road.

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

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

5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)
*Enduring Water Permits' Townships of Use:

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

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

No water well is to be drilled on this lease.

6 Source of Construction Materials:

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

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

7. Methods of Handling Waste Materials:

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

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

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake 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 well be burned on location.

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

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

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

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

8. Ancillary Facilities:

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

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

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

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

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

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

All pits shall be fence to the following minimum standards:

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

10. Plans for Surface Reclamation:

Producing Location:

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

Dry Hole/Abandoned Location:

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

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM

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

Wellsite: Bureau of Land Management

Access: Bureau of Land Management

Pipeline: Bureau of Land Management

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted on October 11, 2006

Attending were:

1. Melissa Hawk - BLM
2. Brandon McDonald - BLM
3. Mike Stewart Ponderosa - Construction
4. Kolby Kay - Timberline
5. Doug Hammond - Enduring Resources

Special Conditions of Approval:
Penstimen study required

Archeology:

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

Paleontology:

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

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

13. Lessee's or Operator's Representatives:

Representatives:

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

Teme Singleton
Vice President – Operations
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5711
Fax Tel: 303-573-0461
tsingleton@enduringresources.com

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

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

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

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

Certification:

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

Please be advised that Enduring Resources, LLC is considered to be the operator of the Bitter Creek 12-22-21-24 Well; NENW Section 24, Township 12 South, Range 22 East; Lease #:UTU-73691 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Statewide Oil & Gas Lease Bond No. UTB000173 and State of Utah , Division of Oil, Gas & Mining Surety Bond No. RLB0008031

ENDURING RESOURCES, LLC

Al Arlian

Alvin (Al) R. Arlian

Landman – Regulatory Specialist

October 17, 2006

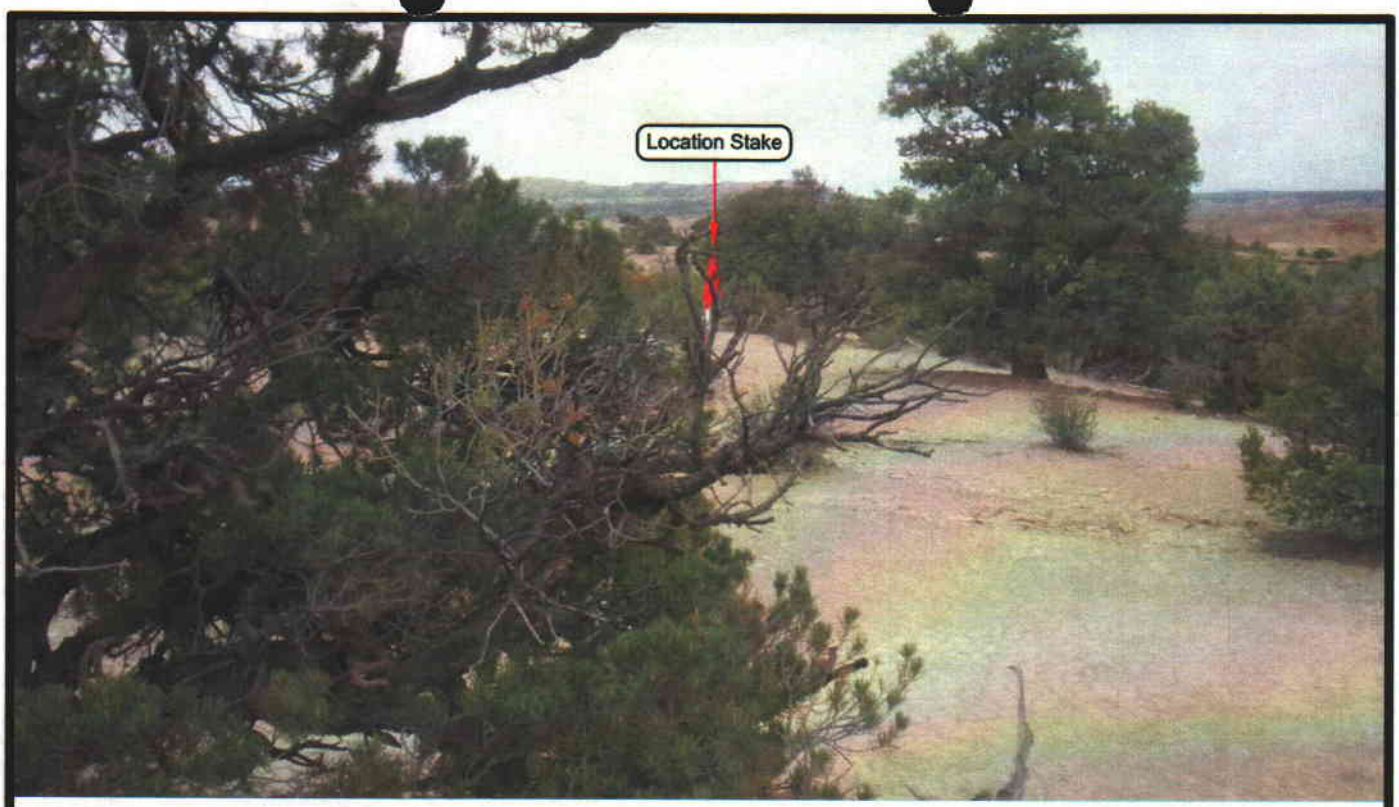


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

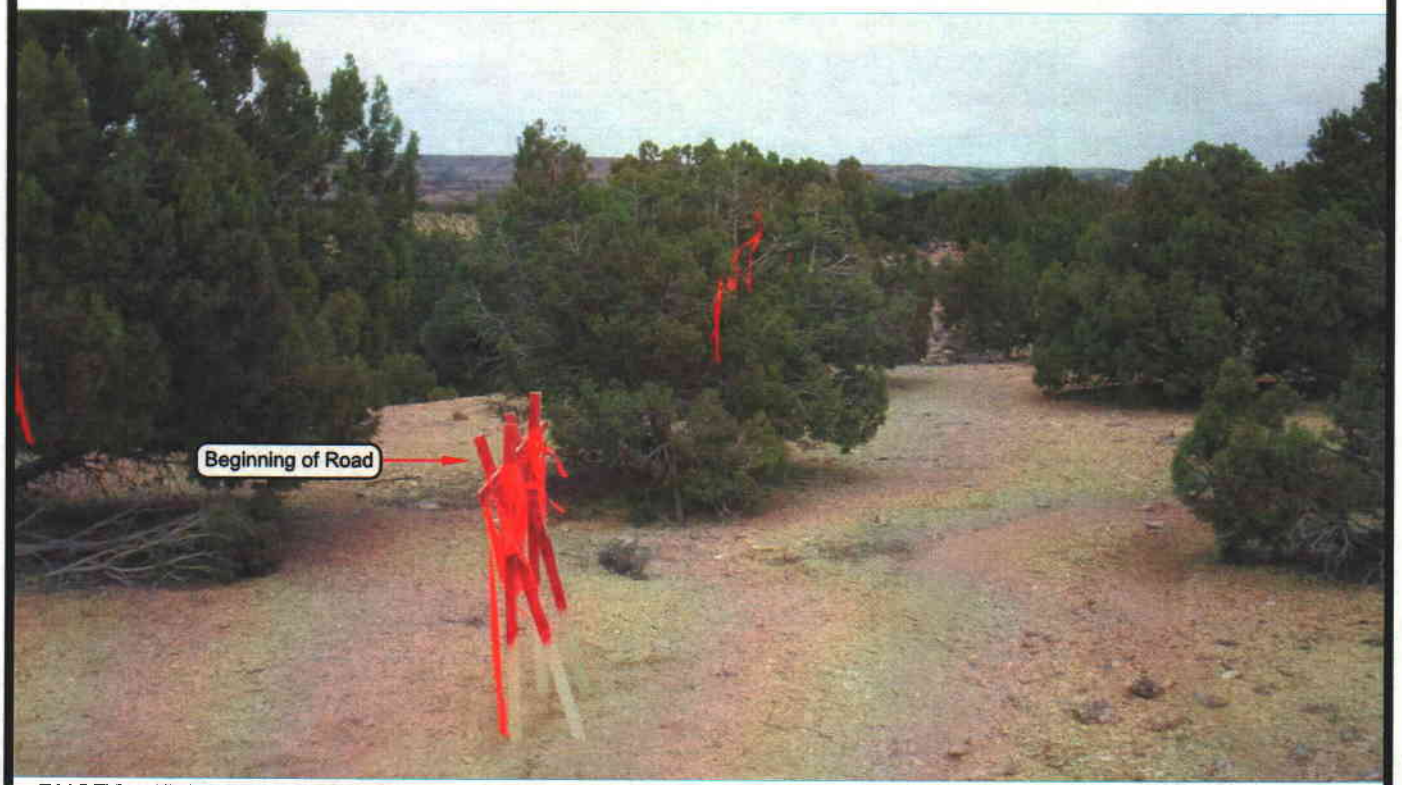


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

ENDURING RESOURCES

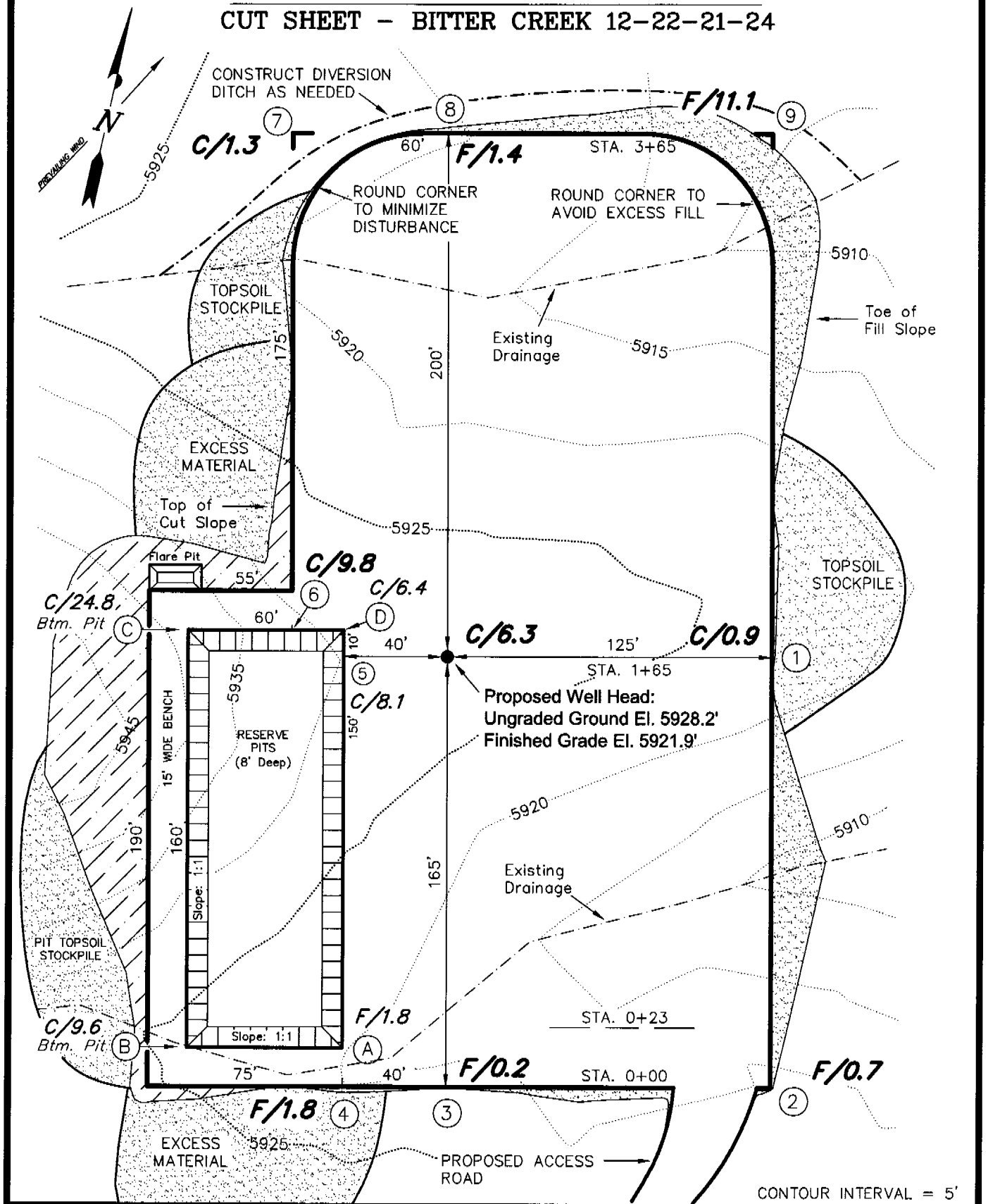
Bitter Creek 12-22-21-24
SECTION 24, T12S, R22E, S.L.B.&M.

LOCATION PHOTOS		DATE TAKEN: 06-15-06
		DATE DRAWN: 06-21-06
TAKEN BY: M.S.B.	DRAWN BY: M.W.W.	REVISED:

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

ENDURING RESOURCES

CUT SHEET – BITTER CREEK 12-22-21-24

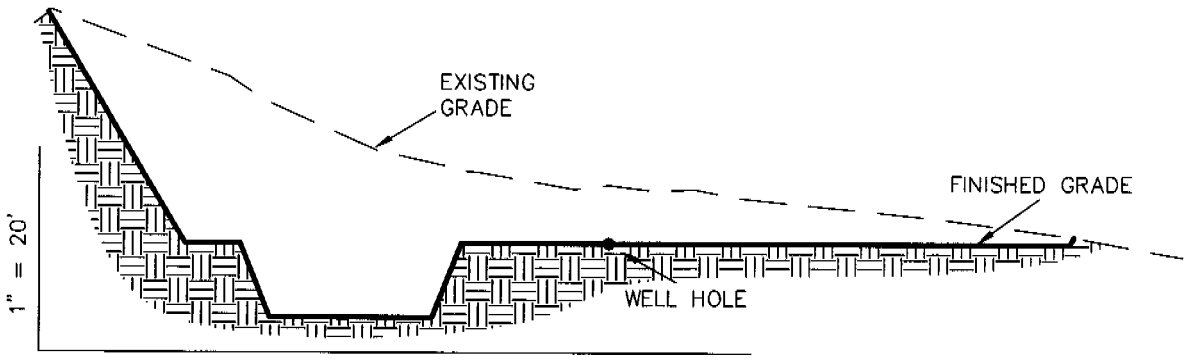


Section 24, T12S, R22E, S.L.B.&M.	Qtr/Qtr Location: NE NW		Footage Location: 684' FNL & 1947' FWL	
Date Surveyed: 06-15-06	Date Drawn: 06-20-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 3 OF 10
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'		

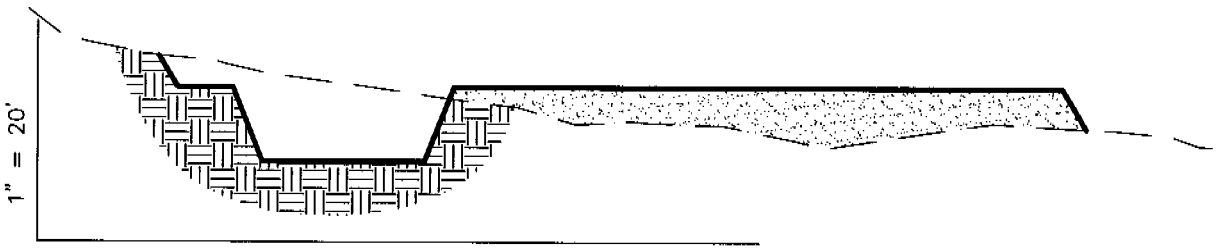
ENDURING RESOURCES

CROSS SECTIONS – BITTER CREEK 12-22-21-24

STA. 3+65

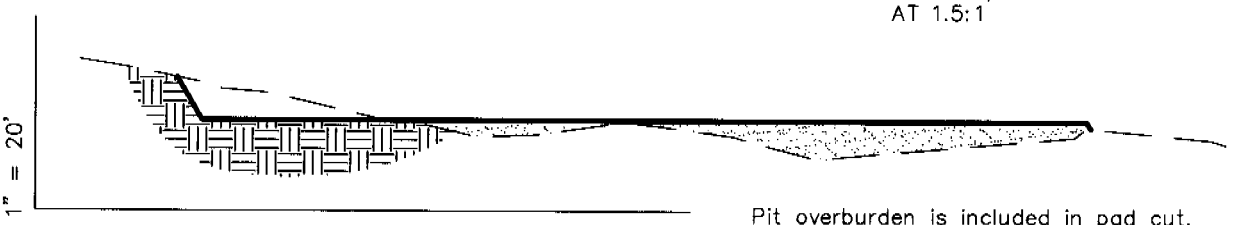


STA. 1+65



STA. 0+23

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



STA. 0+00

Pit overburden is included in pad cut.

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,760	8,930	Topsoil is not included in Pad Cut	-1,170
PIT	2,340	0		2,340
TOTALS	10,100	8,930	1,440	1,170

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

REFERENCE POINTS

200' NORTHEASTERLY = 5918.6'
225' NORTHEASTERLY = 5917.3'
250' NORTHWESTERLY = 5917.5'
325' NORTHWESTERLY = 5925.4'

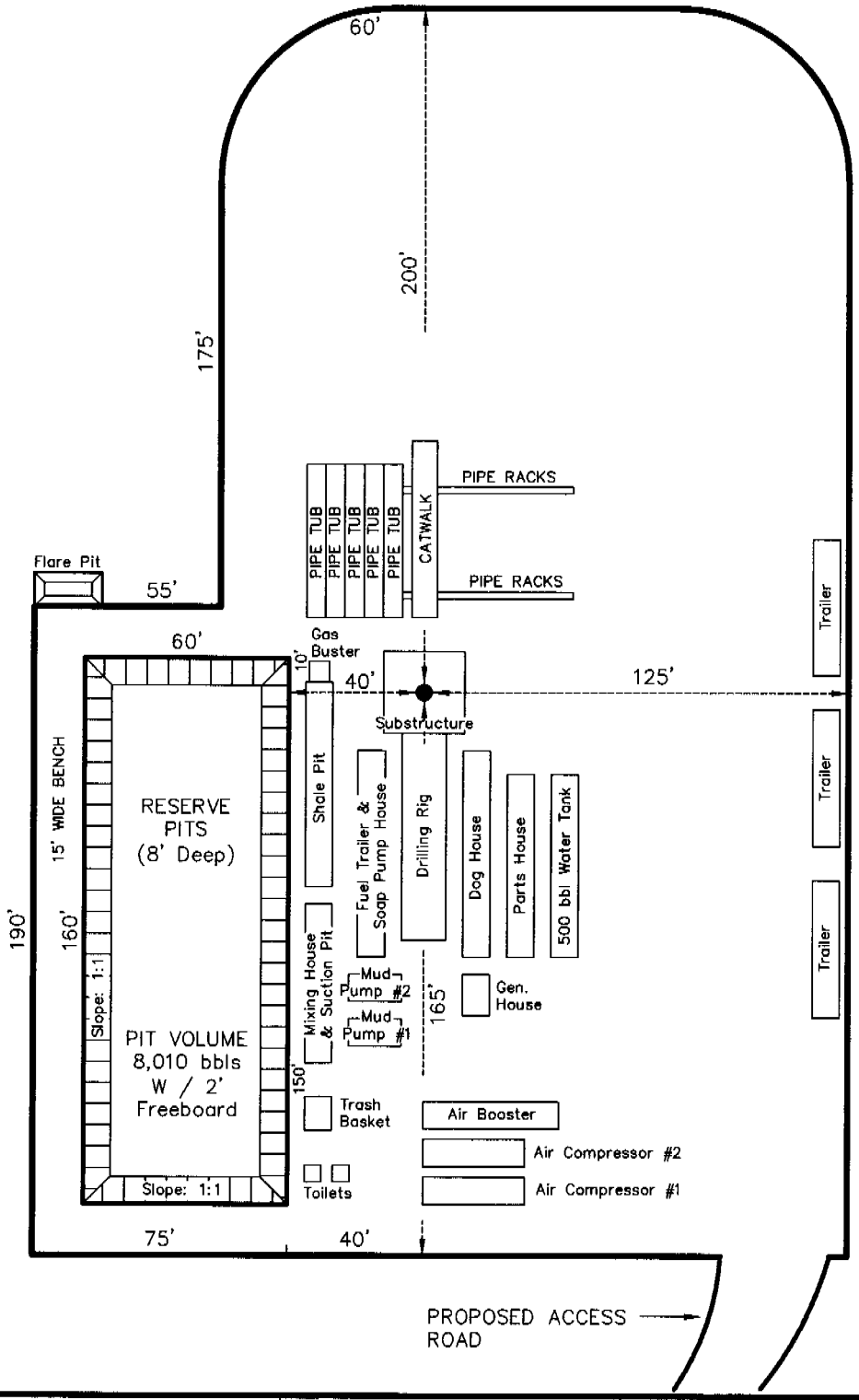
Section 24, T12S, R22E, S.L.B.&M.	Qtr/Qtr Location: NE NW	Footage Location: 684' FNL & 1947' FWL	
Date Surveyed: 06-15-06	Date Drawn: 06-20-06	Date Last Revision:	
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'	

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

SHEET 4 OF 10

ENDURING RESOURCES

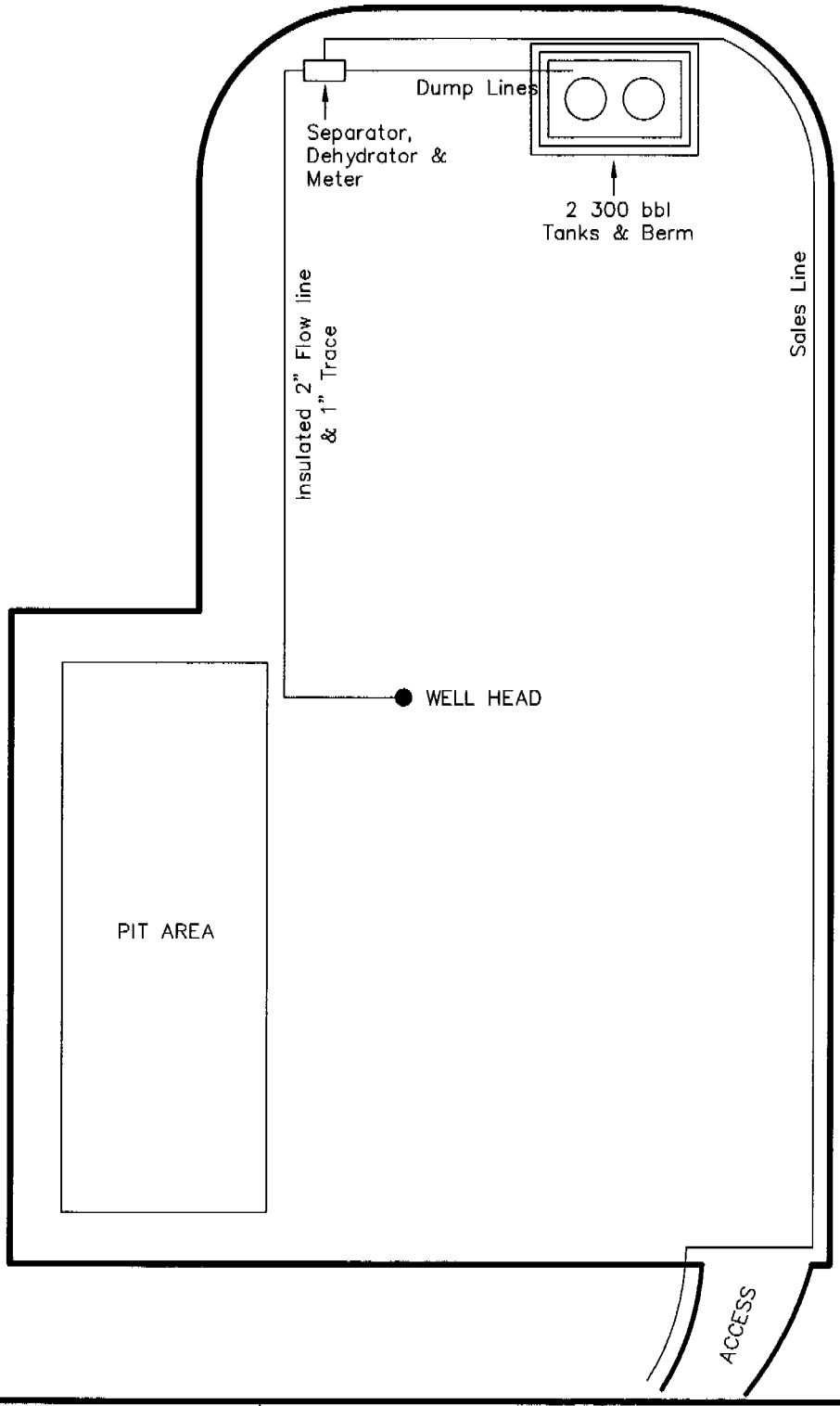
TYPICAL RIG LAYOUT – BITTER CREEK 12-22-21-24



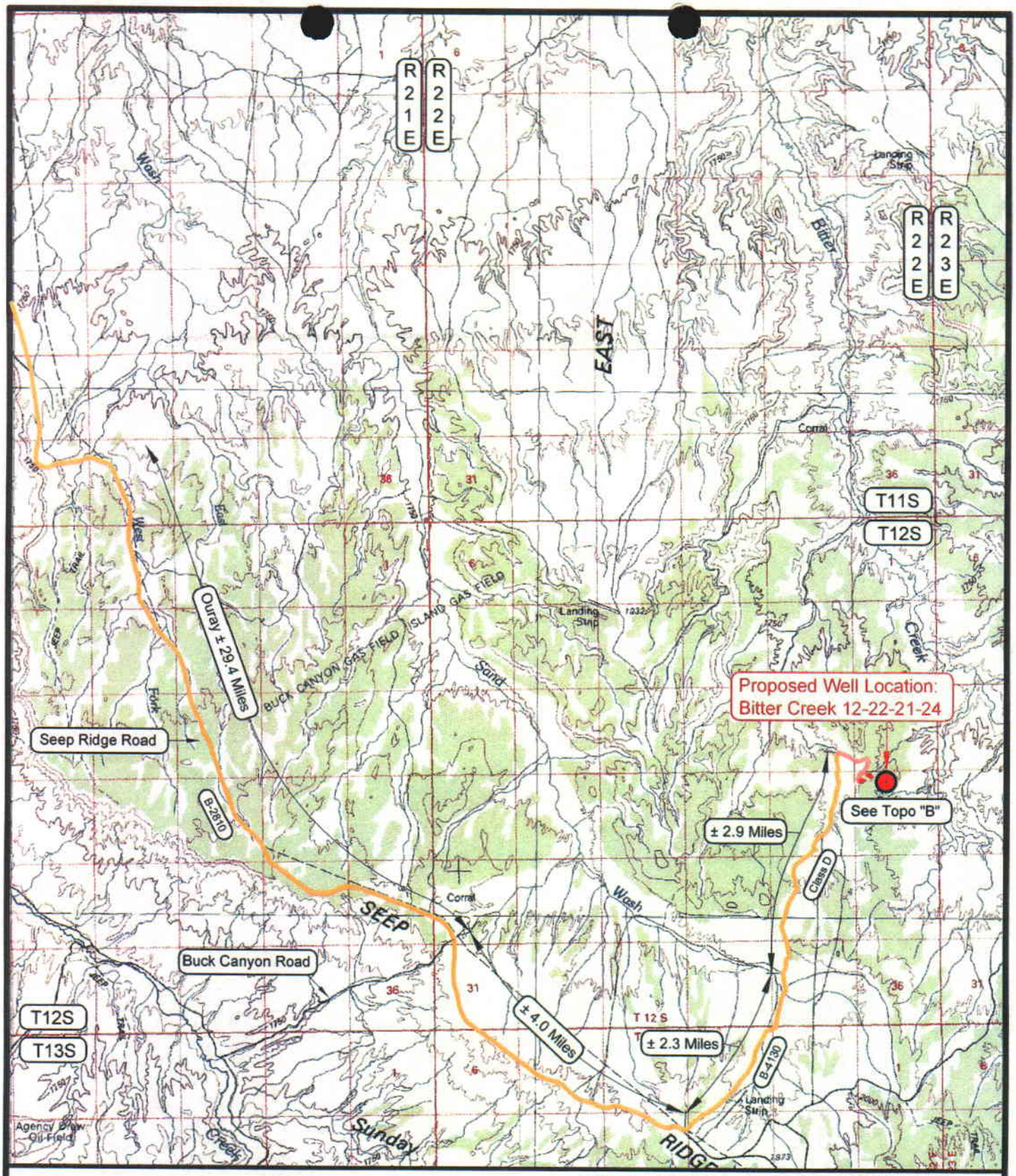
Section 24, T12S, R22E, S.L.B.&M.	Qtr/Qtr Location: NE NW	Footage Location: 684' FNL & 1947' FWL	
Date Surveyed: 06-15-06	Date Drawn: 06-20-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'	SHEET 5 OF 10

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT – BITTER CREEK 12-22-21-24



Section 24, T12S, R22E, S.L.B.&M.	Qtr/Qtr Location: NE NW		Footage Location: 684' FNL & 1947' FWL	
Date Surveyed: 06-15-06	Date Drawn: 06-20-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 6 OF 10
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 50'		



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS & NUMBER

N

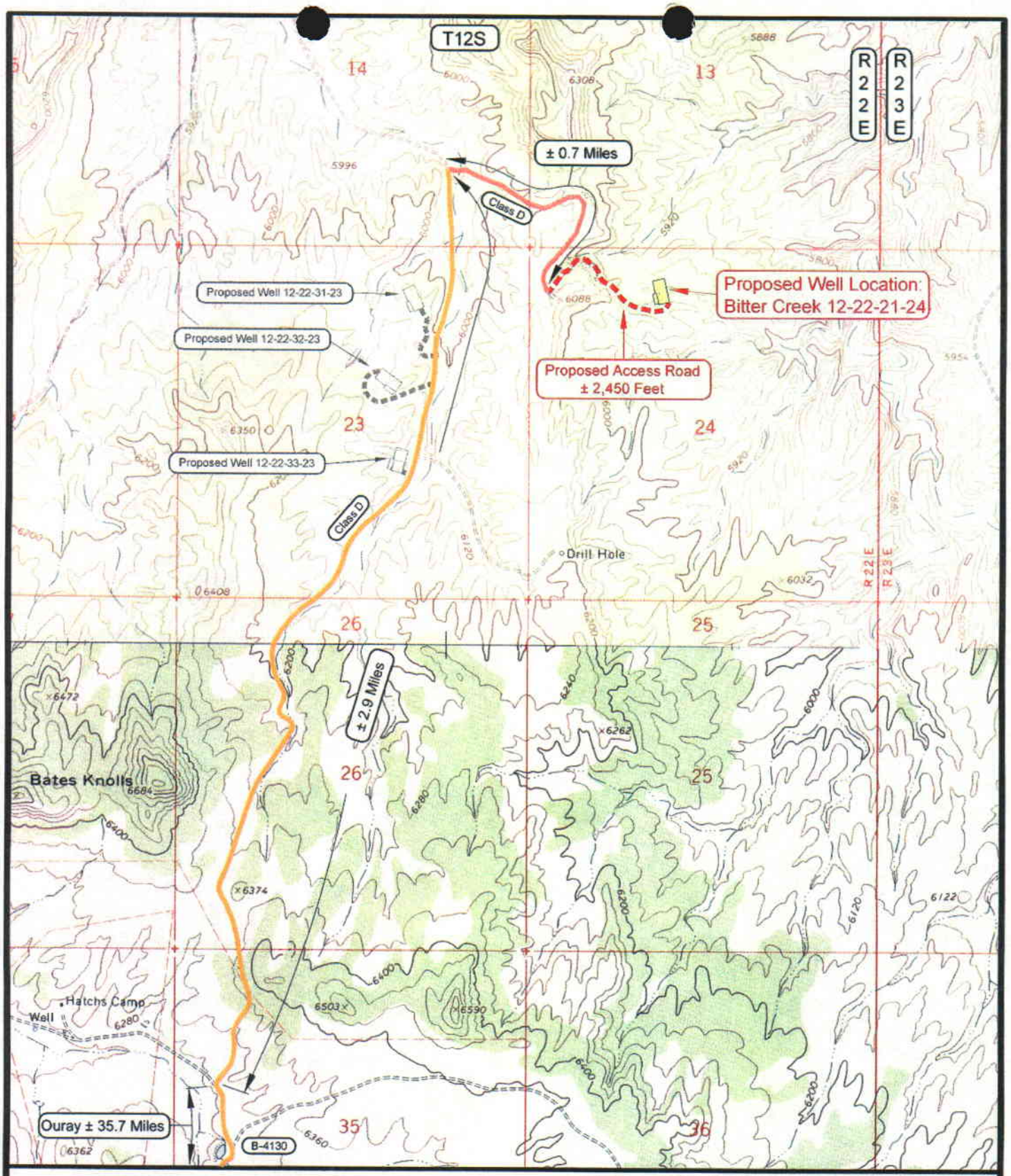
ENDURING RESOURCES

Bitter Creek 12-22-21-24
SECTION 24, T12S, R22E, S.L.B.&M.

TOPOGRAPHIC MAP "A"		DATE SURVEYED: 06-15-06
		DATE DRAWN: 06-21-06
SCALE: 1:100,000	DRAWN BY: M.W.W.	REVISED:

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

SHEET 7 OF 10



LEGEND

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

N

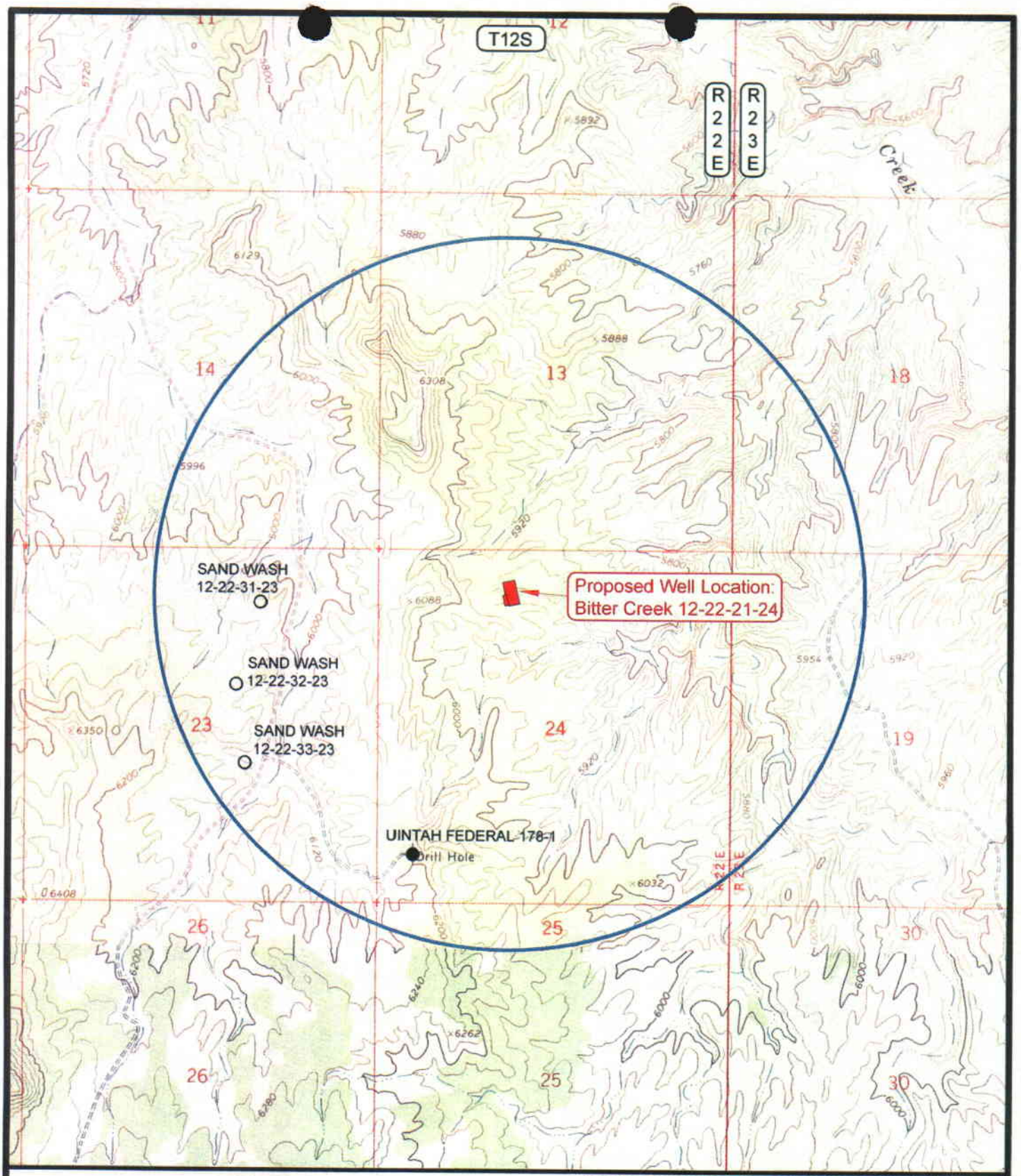
ENDURING RESOURCES

Bitter Creek 12-22-21-24
SECTION 24, T12S, R22E, S.L.B.&M.

TOPOGRAPHIC MAP "B"		DATE SURVEYED: 06-15-06
		DATE DRAWN: 06-21-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

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

SHEET 8 OF 10



LEGEND

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

N

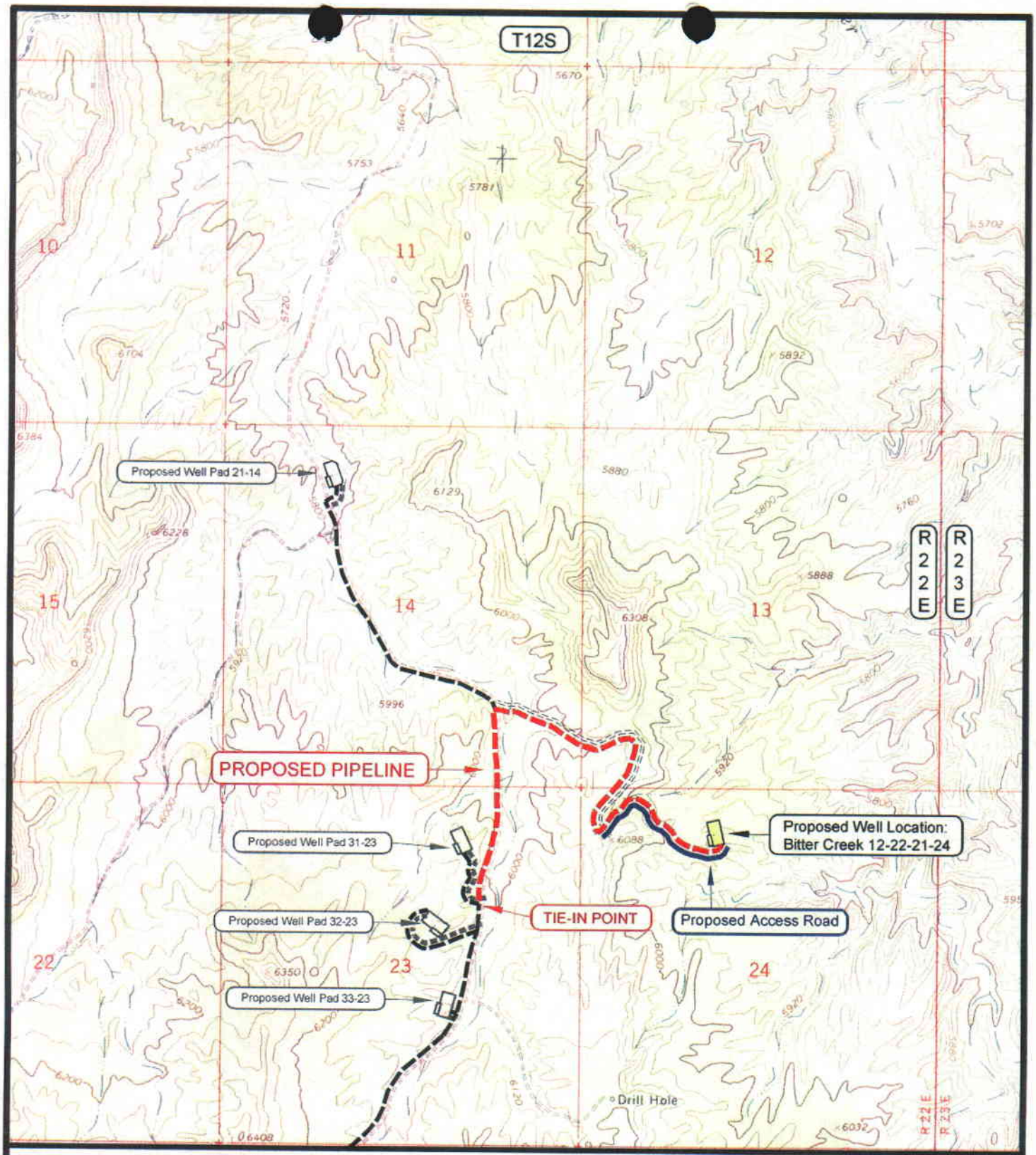
ENDURING RESOURCES

Bitter Creek 12-22-21-24
SECTION 24, T12S, R22E, S.L.B.&M.

TOPOGRAPHIC MAP "C"		DATE SURVEYED: 06-15-06
		DATE DRAWN: 06-21-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

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

SHEET 9 OF 10



APPROXIMATE PIPELINE LENGTH = ± 9,130 FEET

LEGEND

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

N

ENDURING RESOURCES

Bitter Creek 12-22-21-24
SECTION 24, T12S, R22E, S.L.B.&M.

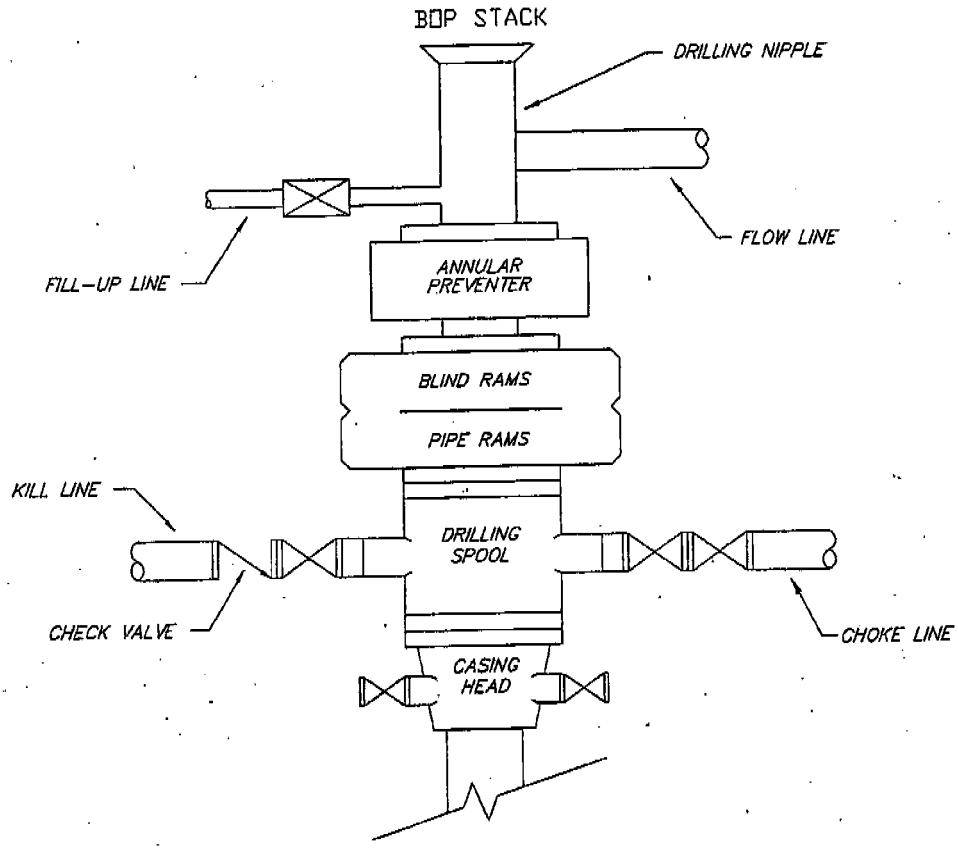
TOPOGRAPHIC MAP "D"		DATE SURVEYED: 06-15-06
		DATE DRAWN: 06-21-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

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

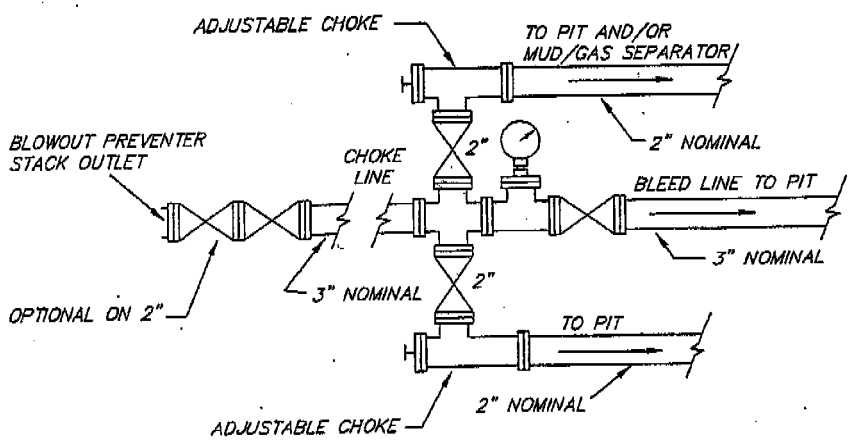
SHEET 10 OF 10

ENDURING RESOURCES, LLC

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



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



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/20/2006

API NO. ASSIGNED: 43-047-38740

WELL NAME: BITTER CREEK 12-22-21-24

OPERATOR: ENDURING RESOURCES, LLC (N2750)

PHONE NUMBER: 303-350-5719

CONTACT: EVETTE BISSETT

PROPOSED LOCATION:

NENW 24 120S 220E

SURFACE: 0684 FNL 1947 FWL

BOTTOM: 0684 FNL 1947 FWL

COUNTY: UINTAH

LATITUDE: 39.76452 LONGITUDE: -109.4054

UTM SURF EASTINGS: 636589 NORTHINGS: 4402628

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73691

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0008031)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 49-2215)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: BUCK CAMP

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

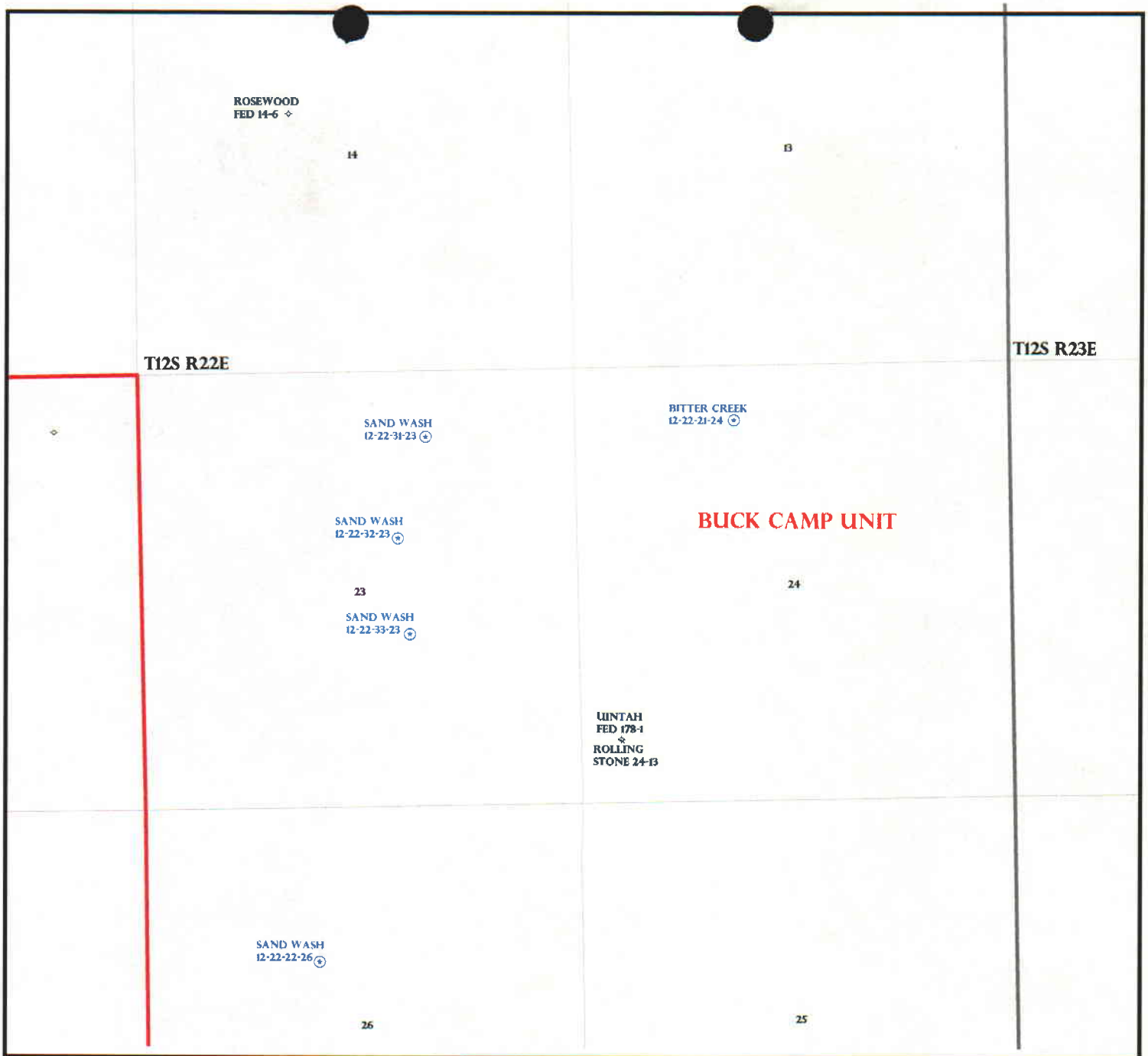
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



OPERATOR: ENDURING RES LLC (N2750)

SEC: 23,24 T.12S R. 22E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

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

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

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

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 25-OCTOBER-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 26, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Buck Camp Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Buck Camp Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38738	Buck Camp	11-22-21-27 Sec 27 T11S R22E 0603 FNL 2420 FWL
43-047-38739	Sand Wash	12-22-32-23 Sec 23 T12S R22E 2056 FNL 2143 FEL
43-047-38740	Bitter Creek	12-22-21-24 Sec 24 T12S R22E 0684 FNL 1947 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Buck Camp Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

October 26, 2006

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

Re: Bitter Creek 12-22-21-24 Well, 684' FNL, 1947' FWL, NE NW, Sec. 24, T. 12 South, R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38740.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Enduring Resources, LLC
Well Name & Number Bitter Creek 12-22-21-24
API Number: 43-047-38740
Lease: UTU-73691

Location: NE NW **Sec.** 24 **T.** 12 South **R.** 22 East

Conditions of Approval

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

2. Notification Requirements
   Notify the Division within 24 hours of spudding the well.
   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.
   - Contact Dan Jarvis at (801) 538-5338

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

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

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

CONFIDENTIAL

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

7. UNIT or CA AGREEMENT NAME: n/a

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: Bitter Creek 12-22-21-24

2. NAME OF OPERATOR: Enduring Resources, LLC

9. API NUMBER: 4304738740

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: 684' FNL - 1947' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 24 12S 22E S

STATE: UTAH

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

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

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

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

FRM: 10/26/2007
TO: 10/26/2008

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-29-07
By: [signature]

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

SIGNATURE [signature] DATE 10/23/2007

(This space for State use only)

COPY SENT TO OPERATOR
Date: 10-30-07
Initials: RM

RECEIVED
OCT 29 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738740
Well Name: Bitter Creek 12-22-21-24
Location: 684' FNL - 1947' FWL, NENW, Sec 24, T12S-R22E
Company Permit Issued to: Enduring Resources, LLC
Date Original Permit Issued: 10/26/2006

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

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

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

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

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

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

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

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

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

Signature

10/23/2007
Date

Title: Landman - Regulatory Specialist

Representing: Enduring Resources, LLC

RECEIVED
OCT 29 2007
DIV. OF OIL, GAS & MINING

FORM 9

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

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Bitter Creek 12-22-21-24
9. API NUMBER: 4304738740
10. FIELD AND POOL, OR WILDCAT: Undesignated

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ 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) 350-5719
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 684' FNL - 1947' FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 24 12S 22E S STATE: UTAH

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

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

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

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

FRM: 10/29/2008
TO: 10/29/2009

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-03-08
By: [signature]

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [signature] DATE 9/29/2008

(This space for State use only)

COPY SENT TO OPERATOR
Date: 11.6.2008
Initials: KS

RECEIVED
OCT 30 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

RESET

Application for Permit to Drill
Request for Permit Extension
Validation

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

API: 4304738740
Well Name: Bitter Creek 12-22-21-24
Location: 684' FNL - 1947' FWL, NENW, Sec 24, T12S-R22E
Company Permit Issued to: Enduring Resources, LLC
Date Original Permit Issued: 10/26/2006

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

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

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

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

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

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

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

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

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

Signature

9/29/2008
Date

Title: Administrative Assistant

Representing: Enduring Resources, LLC

RECEIVED
OCT 30 2008
DIV. OF OIL, GAS & MINING

API Well No: 43047387400000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691

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: BUCK CAMP

1. TYPE OF WELL: Gas Well

8. WELL NAME and NUMBER: BITTER CREEK 12-22-21-24

2. NAME OF OPERATOR: Enduring Resources, LLC

9. API NUMBER: 43047387400000

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

PHONE NUMBER: 303 350-5114 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0684 FNL 1947 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 24 Township: 12.0S Range: 22.0E 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		
✓ NOTICE OF INTENT Approximate date work will start: 11/3/2009	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Request for an one-year extension to APD term.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 03, 2009

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Alvin Arlian	303 350-5114	Landman-Regulatory

SIGNATURE	DATE
N/A	11/3/2009

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047387400000

API: 43047387400000
Well Name: BITTER CREEK 12-22-21-24
Location: 0684 FNL 1947 FWL QTR NENW SEC 24 TWNP 120S RNG 220E MER S
Company Permit Issued to: ENDURING RESOURCES, LLC
Date Original Permit Issued: 10/26/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Alvin Arlian **Date:** 11/3/2009
Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

Date: November 03, 2009
By:

RECEIVED November 03, 2009

API Well No: 43047387400000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Gas Well

8. WELL NAME and NUMBER: BITTER CREEK 12-22-21-24

2. NAME OF OPERATOR: Enduring Resources, LLC

9. API NUMBER: 43047387400000

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

PHONE NUMBER: 303 350-5114 Ext

9. FIELD and POOL or WILDCAT: WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0684 FNL 1947 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 24 Township: 12.0S Range: 22.0E 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/26/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Request an one-year extension to APD termination date.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 25, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Alvin Arlian	303 350-5114	Landman-Regulatory
SIGNATURE		**DATE**
N/A		10/22/2010

RECEIVED October 22, 2010

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047387400000

API: 43047387400000
Well Name: BITTER CREEK 12-22-21-24
Location: 0684 FNL 1947 FWL QTR NENW SEC 24 TWNP 120S RNG 220E MER S
Company Permit Issued to: ENDURING RESOURCES, LLC
Date Original Permit Issued: 10/26/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Alvin Arlian **Date:** 10/22/2010
Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

Date: October 25, 2010
By:

RECEIVED October 22, 2010

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
BITTER CREEK 12-22-21-24

2. NAME OF OPERATOR:
Enduring Resources, LLC

9. API NUMBER:
43047387400000

3. ADDRESS OF OPERATOR:
511-16th Street, Suite 700 , Denver, CO, 80202

PHONE NUMBER:
303 350-5114 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0684 FNL 1947 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 24 Township: 12.0S Range: 22.0E 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/26/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: 11/01/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Alvin Arlian	303 350-5114	Landman-Regulatory

SIGNATURE	DATE
N/A	10/25/2011

RECEIVED Oct. 25, 2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047387400000

API: 43047387400000
Well Name: BITTER CREEK 12-22-21-24
Location: 0684 FNL 1947 FWL QTR NENW SEC 24 TWNP 120S RNG 220E MER S
Company Permit Issued to: ENDURING RESOURCES, LLC
Date Original Permit Issued: 10/26/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Alvin Arlian **Date:** 10/25/2011
Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

RECEIVED Oct. 25, 2011

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
BITTER CREEK 12-22-21-24

2. NAME OF OPERATOR:
Enduring Resources, LLC

9. API NUMBER:
43047387400000

3. ADDRESS OF OPERATOR:
511-16th Street, Suite 700 , Denver, CO, 80202

PHONE NUMBER:
303 350-5114 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0684 FNL 1947 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 24 Township: 12.0S Range: 22.0E 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/26/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: October 29, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Alvin Arlian	303 350-5114	Landman-Regulatory

SIGNATURE	DATE
N/A	10/22/2012

RECEIVED: Oct. 22, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047387400000

API: 43047387400000
Well Name: BITTER CREEK 12-22-21-24
Location: 0684 FNL 1947 FWL QTR NENW SEC 24 TWNP 120S RNG 220E MER S
Company Permit Issued to: ENDURING RESOURCES, LLC
Date Original Permit Issued: 10/26/2006

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- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Alvin Arlian **Date:** 10/22/2012
Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

RECEIVED: Oct. 22, 2012

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73691

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
BITTER CREEK 12-22-21-24

2. NAME OF OPERATOR:
Enduring Resources, LLC

9. API NUMBER:
43047387400000

3. ADDRESS OF OPERATOR:
511-16th Street, Suite 700 , Denver, CO, 80202

PHONE NUMBER:
303 350-5114 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0684 FNL 1947 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 24 Township: 12.0S Range: 22.0E 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/26/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: October 24, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Alvin Arlian	303 350-5114	Landman-Regulatory

SIGNATURE	DATE
N/A	10/21/2013

RECEIVED: Oct. 21, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047387400000

API: 43047387400000
Well Name: BITTER CREEK 12-22-21-24
Location: 0684 FNL 1947 FWL QTR NENW SEC 24 TWNP 120S RNG 220E MER S
Company Permit Issued to: ENDURING RESOURCES, LLC
Date Original Permit Issued: 10/26/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Alvin Arlian **Date:** 10/21/2013
Title: Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

RECEIVED: Oct. 21, 2013

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

November 14, 2014

43 047 38740
Bitter Creek 12-22-21-24
24 12S 22E

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

Re: APDs Rescinded for Enduring Resources, LLC, Uintah County

Dear Mr. Arlian:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded.

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

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

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

4304737262 E BENCH 11-22-43-17
4304737263 ASPHALT WASH 11-24-13-7
4304738722 SAND WASH 12-22-31-23
4304738721 BITTER CREEK 12-22-21-14
4304738738 BUCK CAMP CYN 11-22-21-27
4304738739 SAND WASH 12-22-32-23
→ 4304738740 BITTER CREEK 12-22-21-24
4304738774 BUCK CYN 12-21-14-14
4304738775 BUCK CYN 12-21-14-23
4304736550 ROCK HOUSE 10-23-12-31
4304738777 E BENCH 11-22-31-33
4304738827 COTTONWOOD 12-21-31-9
4304738833 ARCHY BENCH 11-22-23-1
4304738836 WILLOW CREEK 12-21-41-20
4304738837 BUCK CAMP 11-22-32-26
4304737378 ASPHALT WASH 10-23-23-33
4304738858 ROCK HOUSE 10-23-14-29
4304738859 BUCK CAMP 11-22-22-26
4304738860 BUCK CAMP 11-22-12-26
4304738871 BUCK CAMP CYN 11-22-31-21
4304738876 BUCK CAMP 11-22-21-26
4304736107 SOUTHMAN CYN 10-24-21-5
4304736108 SOUTHMAN CYN 10-24-22-6
4304736109 SOUTHMAN CYN 10-24-42-6

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

OCT 21 2014

IN REPLY REFER TO:
3160 (UTG011)

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

Dear Al:

The following Applications for Permit to Drill (APD) are being returned unapproved per your request to this office in an email message to Natural Resource Specialist Melissa Wardle received on May 1, 2014. If you intend to drill at any of these locations at a future date, a new APD must be submitted.

43-047-

	Lease	Well	Aliquot	Sec., T., R.	Date Rec'd
38833	UTU-73903	Archy Bench 11-22-23-1	NESW	Sec. 1, T11S-R22E	11/8/2006
39210	UTU-75099	Big Pack 11-21-21-28	NENW	Sec. 28-T11S-R21E	4/16/2007
37588	UTU-75099	Big Pack 11-21-42-28	SENE	Sec.28-T11S-R21E	1/3/2006
37576	UTU-75099	Big Pack 11-21-44-28	SESE	Sec. 28-T11S-R21E	1/3/2006
37579	UTU-75099	Big Pack 11-21-41-33	NENE	Sec. 33-T11S-R21E	1/3/2006
37603	UTU-75099	Big Pack 11-21-43-33	NESE	Sec. 33-T11S-R21E	1/4/2006
38721	UTU-73689	Bitter Creek 12-22-21-14	NENW	Sec. 14-T12S-R22E	10/16/2006
38740	UTU-73691	Bitter Creek 12-22-21-24	NENW	Sec. 24-T12S-R22E	10/19/2006
38860	UTU-74974	Buck Camp 11-22-12-26	SWNW	Sec. 26-T11S-R22E	11/13/2006
38876	UTU-74974	Buck Camp 11-22-21-26	NWNW	Sec. 26-T11S-R22E	11/22/2006
38859	UTU-74974	Buck Camp 11-22-22-26	SENW	Sec. 26-T11S-R22E	11/13/2006
38837	UTU-74974	Buck Camp 11-22-32-26	SENW	Sec. 26-T11S-R22E	11/13/2006
35807	UTU-76281	Rock House 10-23-11-31	NENW	Sec. 31-T10S-R23E	4/7/2006
38136	UTU-81737	Rock House 10-23-34-31	NWSE	Sec. 31-T10S-R23E	5/22/2006
36549	UTU-76281	Rock House 10-23-14-30	SESW	Sec. 30-T10S-R23E	4/23/2007
38293	UTU-81737	Rock House 10-23-24-30	SESW	Sec. 30-T10S-R23E	6/19/2006

RECEIVED
NOV 03 2014
DIV. OF OIL, GAS & MINING

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

Enclosures

cc: UDOGM

bcc: Well File