

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

RECEIVED

NOV 08 2005

DIV. OF OIL, GAS & MINING

October 18, 2005

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

Attention: Diana Whitney

**RE: Weaver Ridge 10-25-33-17
Application for Permit to Drill**

Dear Ms. Whitney

Attached are two original applications to drill for the above-referenced proposed well. This well will be drilled on fee lands

Enduring Resources, LLC respectfully requests that this information, and future information, be hold confidential.

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:

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: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: n/a	
2. NAME OF OPERATOR: Enduring Resources, LLC			9. WELL NAME and NUMBER: Weaver Ridge 10-25-33-17	
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated <i>Wildcat</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,926' FEL - 1,962' FSL AT PROPOSED PRODUCING ZONE: Same			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 10S 25E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 5 miles to Vernal, Utah			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1,926'	16. NUMBER OF ACRES IN LEASE: 480	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) none	19. PROPOSED DEPTH: 5,335	20. BOND DESCRIPTION: RLB0008031		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5783.2' GR	22. APPROXIMATE DATE WORK WILL START: 12/30/2005	23. ESTIMATED DURATION: 20 days		

PROPOSED CASING AND CEMENTING PROGRAM

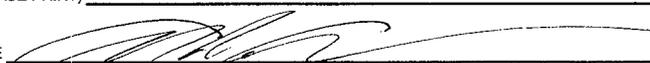
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
20"	14" line pipe	40	Ready Mix	3 yards	
11"	8-5/8" J-55 24#	2,000	Premium Lead	136 sxs	3.50 11.1
			Premium Tail	138 sxs	1.15 15.8
7-7/8"	4-1/2" N-80 11.6#	5,335	Premium Lead	41 sxs	3.91 11.0
			Premium Tail	684 sxs	1.29 14.1

CONFIDENTIAL

ATTACHMENTS

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

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

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE  DATE 11/4/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37363

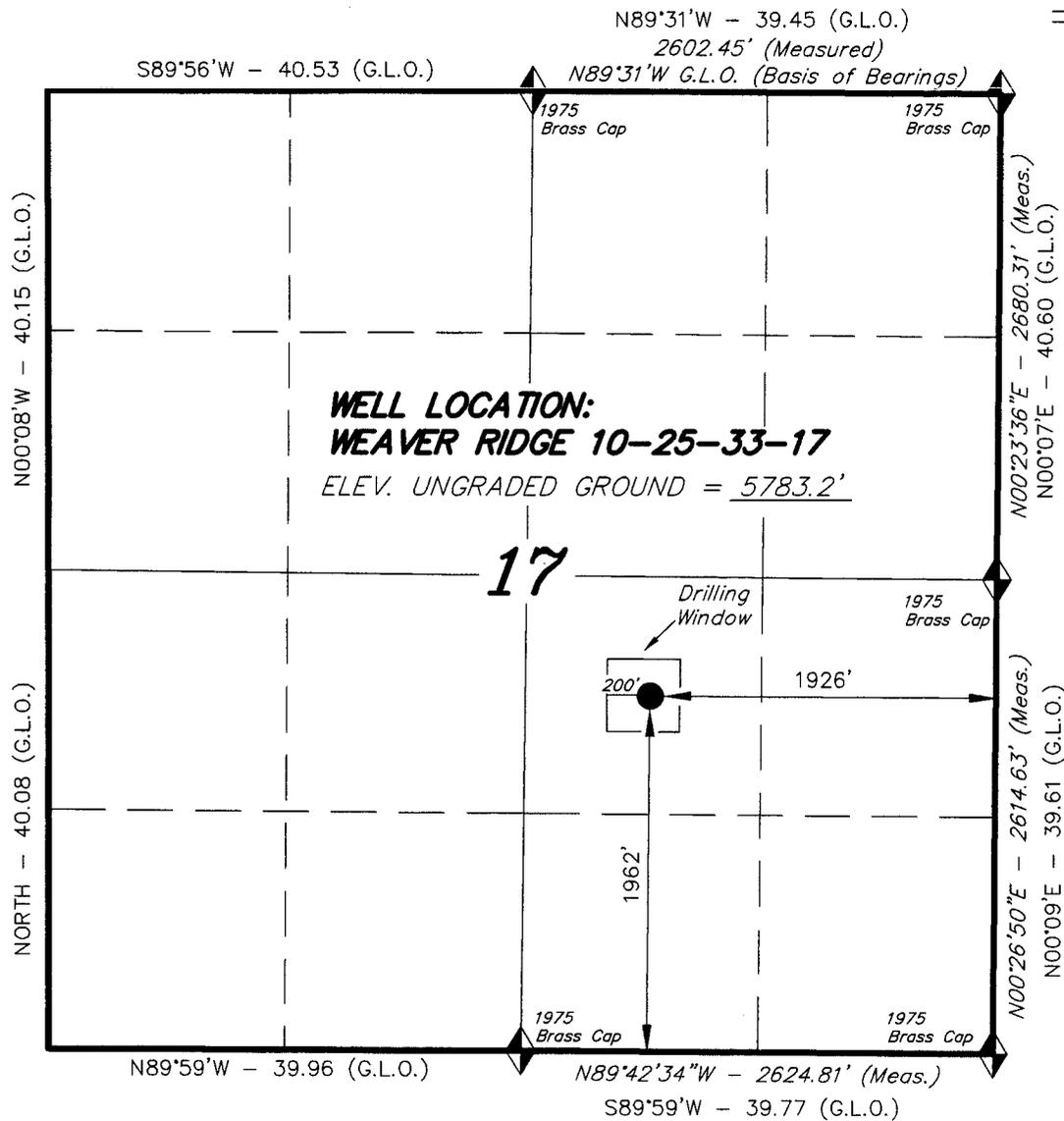
APPROVAL:

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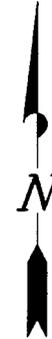
DIV. OF OIL, GAS & MINING

T10S, R25E, S.L.B.&M.

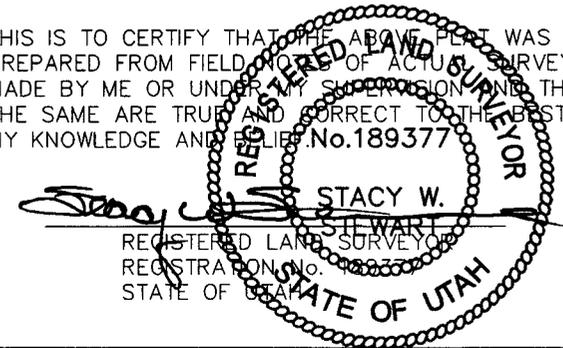
ENDURING RESOURCES



WELL LOCATION, WEAVER RIDGE 10-25-33-17, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 17, T10S, R25E, S.L.B.&M. UINTAH COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

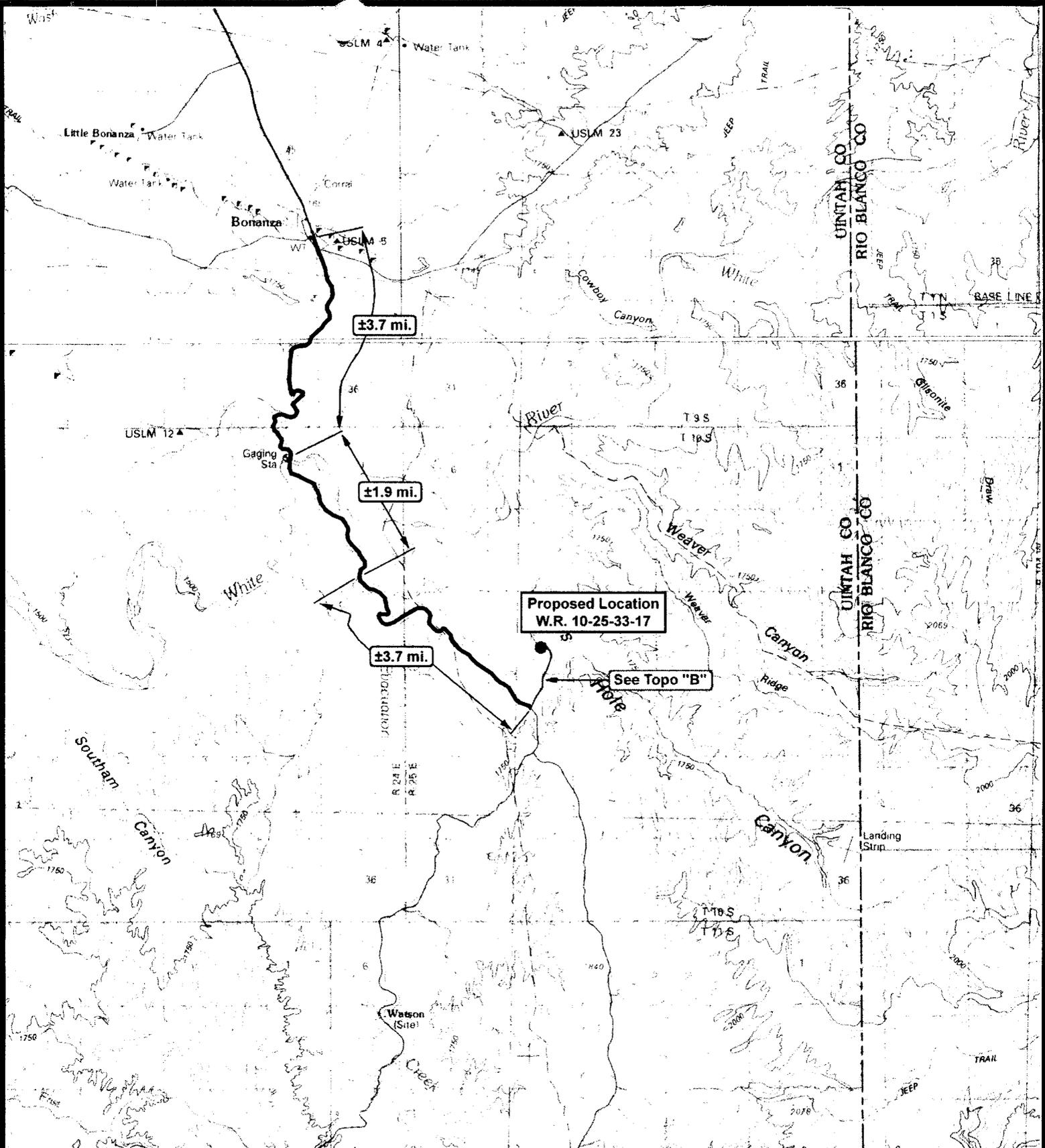
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (WEAVER RIDGE)

WEAVER RIDGE 10-25-33-17
 (Surface Location) NAD 83
 LATITUDE = 39° 56' 49.39"
 LONGITUDE = 109° 07' 20.43"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE DRAWN: 7-19-05	SURVEYED BY: C.M.	SHEET 2 OF 9
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	



ENDURING RESOURCES

Weaver Ridge 10-25-33-17
Sec. 17, T10S, R25E, S.L.B.&M.



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

SCALE: 1" = 100,000'
DRAWN BY: bgm
DATE: 10-03-2005

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP **SHEET**
"A" **6**
OF 9

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

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NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE DATE 11/4/2005

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

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NOV 08 2005**

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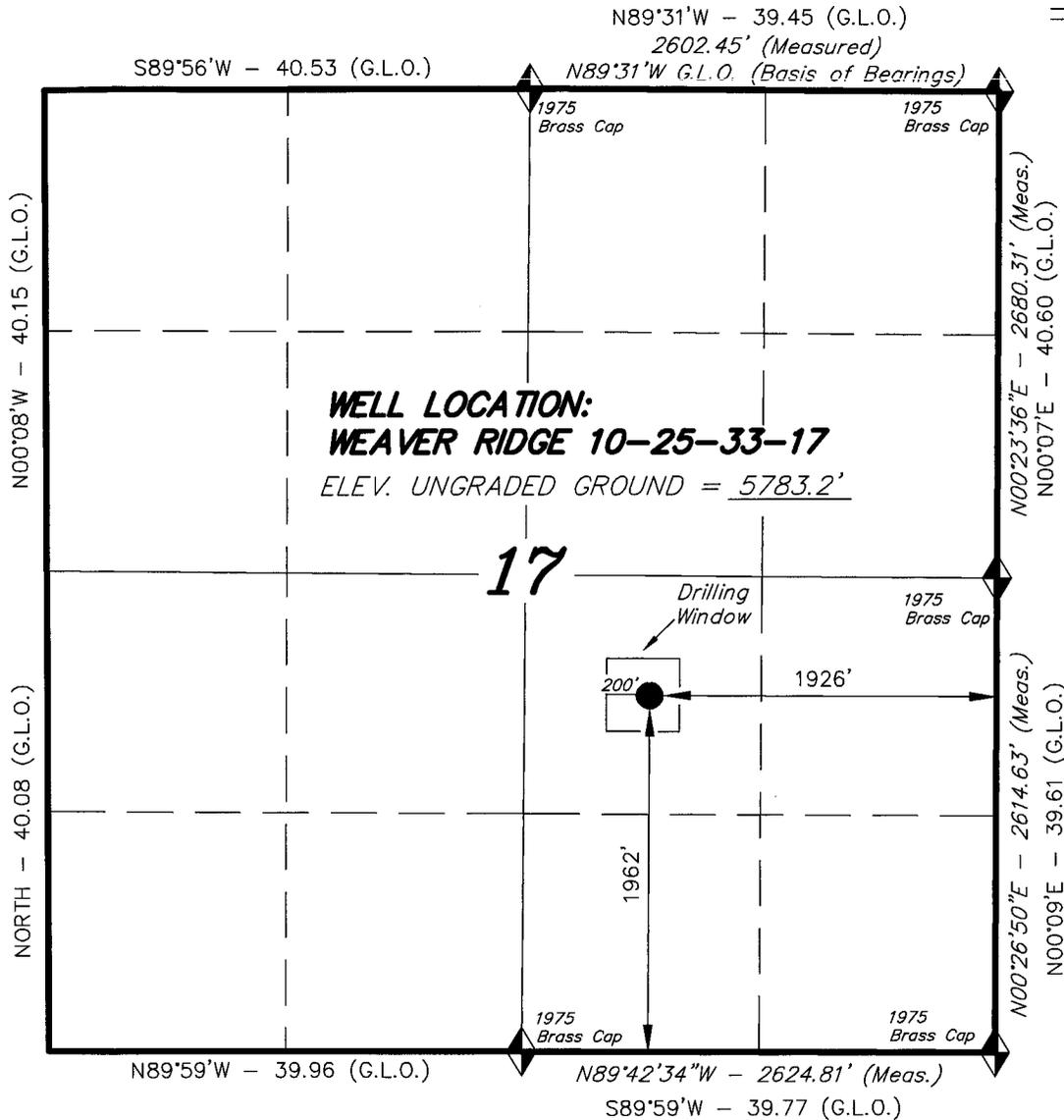
APPROVAL:

Date: 01-31-07
By:
(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

T10S, R25E, S.L.B.&M.

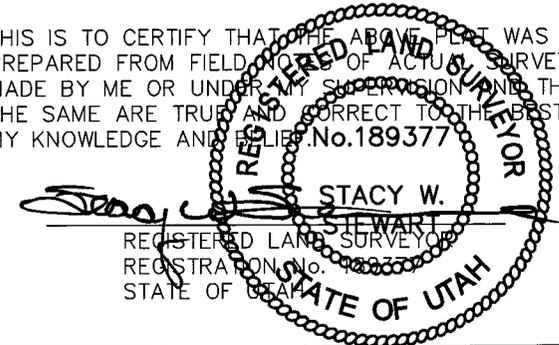
ENDURING RESOURCES



WELL LOCATION, WEAVER RIDGE
10-25-33-17, LOCATED AS SHOWN IN
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T10S, R25E, S.L.B.&M. UINTAH COUNTY,
UTAH.



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QUAD (WEAVER RIDGE)

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DATE DRAWN: 7-19-05	SURVEYED BY: C.M.	SHEET 2 OF 9
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	

RIGHT-OF-WAY and DAMAGE AGREEMENT

THIS AGREEMENT is made and entered into by and between, Theos Swallow Fork Ranches, (hereinafter referred to as "Grantor") and ENDURING RESOURCES, LLC (hereinafter referred to as "Grantee") effective November 1, 2006.

WHEREAS, Grantor the surface owner of NWSE Section 17 Township 10 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Land(s)").

WHEREAS, Grantee desires to enter onto and cross such Lands for the purpose of drilling an exploratory oil and/or gas well, Weaver Ridge 10-~~5~~-33-17 ("Well"), located in the NWSE, Section 17 Township 10 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Drillsite").

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- I. Grantee shall pay Grantor the sum of \$5,000.00 up front payment for damages to surface of the Lands for road and pipeline access to the Drillsite and for the Drillsite for the drilling, completing, operations of the Well. Grantee shall utilize existing access routes to the maximum extent feasible, as to minimize surface disturbances for access to facilities. Grantee agrees no drilling or completions shall take place in the months of March – April.
- II. Grantee and their assigns or agents shall have the right to construct and access road not to exceed Twenty- Five (25) feet in width across the Lands and shall have the right to move derricks, drilling tools, vehicles, and all other machinery and equipment necessary or incident to the re-drilling, drilling, testing completion, operation of the Well. Such activity shall be restricted to existing public roads or access roads covered by this agreement.
- III. This Agreement and the rights granted herein are effective and shall continue in full force and effect so long as operations are conducted on the Well. Upon execution of this Agreement, all payments due hereunder shall be paid concurrently. Operations are defined under terms of the Rules and Regulations defined by the State of Utah.
- IV. Grantee will construct roads, pipelines and well sites to avoid corrals in such a manner as to stay two hundred (200) feet away without prior written consent by Grantor.
- V. Cattle guards and gates will be constructed at all places where the openings go through the existing fences and gates will be kept closed at all times except when opened for passage of traffic. Also, gates shall be installed to limit access to producing wells on roads constructed by Grantee if by mutual agreement between Grantee and Grantor.
- VI. If the access road departs from existing established roadways and new construction is required, topsoil will be segregated and stockpiled for replacement during reclamation activities.
- VII. It is understood that any road constructed across the said Lands shall not exceed twenty-five (25) feet to total width, including the total disturbed area between the outside of each berm, without the prior written approval of Grantor.
- VIII. Upon completion of the Well as a dry hole and the subsequent abandonment thereof, pads and newly constructed roads will be restored and seeded within one hundred eighty (180) days (weather permitting) to the condition it was in prior to commencement of operations

a manner as to use no more Land than is reasonably necessary and shall use all reasonable efforts not to interfere with the use of the Land utilized by Grantor. All drilling fluid pits shall be fenced with sheep tite woven fence within ten (10) days of the end of drilling the Well as a producer or dry hole and then the pits will be reclaimed and reseeded within one hundred eighty (180) days of the completion of the well as a producer or a dry hole. Surface structures and production equipment shall be fenced with 6" diameter wood posts as corners and 4 ft. steel panels. Grantee will have ten days to effect repairs or problems with fences when notified by e-mail, fax, or in writing by Grantor. Grantor can request an extension of the closure of pits beyond the one hundred eighty (180) days from the completion of the Well if closing the pits represents a potential hazard or closing the pits at that time will not comply with the State of Utah's reclamation requirements. An extension will not be unreasonably withheld.

- XVI. Grantee shall have the right at any time, and from time to time, to remove any or all property, fixtures, equipment and materials, placed by Grantee on the Land, including the right to draw and remove casing. In the even casing is removed Grantee must reclaim and reseed per provisions VIII and X.
- XVII. All operations of Grantee hereunder which involve drilling for and producing of oil, gas, or both, or the cessation, or abandonment, of its operations shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state and local statutes and regulations including specifically, but not by way of limitations, such laws and regulations governing the operation, maintenance and reclamation of well sites, pipelines, tank batteries, and other related facilities as may be utilized by Grantee and its operations hereunder. Grantee shall further adhere to and abide by all federal, state, and local environment statues and regulations addressing air, water, and solid waste pollution and the handling storage, storage use and disposal of hazardous substances as prescribed in the Comprehensive Environmental Response, Compensation and Liability Act of 1986, 41 U.S.C. & 9601, et seq. (CERCLA). Grantee shall provide Grantor with copies of all applications for environmental laws, governmental requests for any information pertaining to environmental issues relating to the Land or products produced there from or Grantee's use thereof, copies of any responses from Grantee's to said requests, and any environmental investigations, reports, or studies involving the Land or products produced there from or the use thereof by Grantee which from time to time, may be obtained from Grantee.
- XVIII. The provisions hereof shall be considered as covenants running with the Land during the life of the Agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.
- XIX. This Agreement shall not be terminated in whole or in part, nor Grantee held liable for damages, if such failure is the result of the exercise of governmental authority, war, armed hostilities, act of God, strike, civil disturbance, fire, explosion, flood or any other instance of force majure, including lack or market, beyond the control of Grantee.
- XX. Any controversy or claim, whether based in contract, tort or otherwise arising in any way out of, relating to or in connection with this Agreement (a "Dispute") shall be finally settle by arbitration conduced expeditiously in accordance with the Commercial Arbitration Rules (the "Rules") of the American Arbitration Association (the "AAA"). In the event of a conflict between this Article and the Rules, this Article shall govern. The attorney/client and work product privileges will be honored in the arbitration as though the case were being determined in a Colorado state court. The arbitration shall be conducted before one independent and impartial arbitrator selected by the AAA pursuant to the Rules. The arbitration shall be governed by the Untied States Arbitration Act, 9 U.S.C. 1-16, to the exclusion of any provision of Colorado law inconsistent therewith and

insofar as reasonably possible. Any preexisting roads, and the improvements thereto, which are constructed by Grantee, shall be left in a good and useable condition for the continued use by the Grantor. Reclaimed areas will be reseeded with a seed mixture approved by the Utah Division of Wildlife and the surface owner.

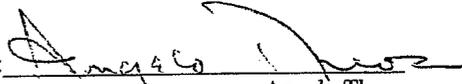
- IX. If Well is deemed a dry hole, the Grantee shall give the Grantor 24 hour notice by e-mail or fax that Grantee plans on plugging and abandoning the Well. Upon notice Grantee will provide Well logs to Grantor and Grantor shall make an election whether to take over the well to complete as fresh water well. If such election is given to takeover, Grantee at his sole expense shall plug the well from TD to the base of the surface casing shoe. At that time Grantor will accept all future costs, obligation and liabilities for plugging the well and will execute the required forms provided and prepared by Grantee which alleviates Grantee of further plugging obligations and liability, notwithstanding the above, Grantee shall still have the obligation to reclaim and reseed as stipulated in provision VIII & X.
- X. In the event that the Well is completed as a producer of oil and/or gas, Grantee shall build and maintain a permanent access road in conformance with the already established county road including any variances granted by the county by existing roads to the Drillsite. Disturbed areas not used for production will be re-graded and seeded with a seed mixture approved by the Utah Division of Wildlife and the surface owner within one hundred eighty (180) days unless prohibited by weather.
- XI. Grantee agrees to lay only one gas gathering line and one water gathering line within the road easement granted herein. No roads or pipelines shall be within two hundred (200) feet of any structures or corrals, unless specifically agreed to in writing. If Grantee wants to lay pipeline outside the pipeline easement granted herein, an additional surface agreement shall be entered into and additional damages will be paid.
- XII. Upon completion of the Well as a well capable of oil and/or gas production, this Agreement shall continue in full force and effect and Grantee shall pay in advance to Grantor an annual rental of \$1,000 on or before March 1st of each year thereafter until the subject well is plugged and abandoned and operations cease thereon.
- XIII. It is expressly understood that the settlement amounts in paragraph I are only for construction of a road, pipeline and drilling location and it is not a settlement for any damages to contiguous property, personal property of the Grantor or a release of any personal injuries that may be sustained by reason of the operations carried on by Grantee or its agents.
- XIV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this Agreement by Grantee, or its agents, contractors, or employees, or (2) as a result of Grantee or its agents, contractors, or employees performing on the Drillsite or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the Lands and the Drillsite to conduct any work or service for Grantee shall reimburse, indemnify, defend and hold harmless Grantor for any and all losses, costs, claims, liability litigation, demands, damages, and expenses (including all attorney fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including all attorney fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents.
- XV. Grantee shall provide Grantor with not less than forty-eight (48) hours advance notice either by fax, e-mail or in person, of Grantee's intent to enter upon the Lands for the purpose of commencing operations thereon. Grantee shall conduct its operations in such

which would produce a different result, and judgment upon the award rendered by the arbitrator may be entered by any Denver, Colorado and the cost of the arbitration proceeding shall be borne equally by the parties to this agreement and each party shall bear its own attorney's fees, and other expenses, provided that the arbitrator may award attorney fees, filing fees, and costs to the prevailing party as the arbitrator deems reasonable and fair. The arbitrators shall determine the claims of the parties and render their final award in accordance with the substantive law of the State of Colorado exclusive of its conflict of law rules. The limitations of any actions will be determined under Colorado law. The arbitrator shall permit and facilitate such discovery as the arbitrator determines is appropriate in the circumstances, taking into account the needs of the parties and the desirability of making discovery expeditious and cost-effective. The arbitrator shall actively manage the proceedings as the arbitrator deems best so as to make the proceedings fair, expeditious, economical, and less burdensome than litigation. The procedures specified in this section shall be the exclusive means of resolution of Disputes between the parties, provided that either party may seek injunctive action before a court of competent jurisdiction to prevent the occurrence of irreparable harm pending resolution of a Dispute pursuant to the provisions of this section.

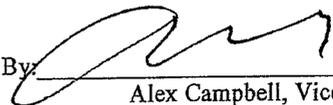
XXI. This agreement constitutes the entire Agreement between the parties hereto as to the subject matter herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

XXII. The parties hereto agree they will not record this agreement but will agree to record a memorandum of this agreement. All terms of this agreement shall remain confidential.

Theos Swallow Fork Ranch, Grantor

By: 
Angelo Theos

ENDURING RESOURCES, LLC. Grantee

By: 
Alex Campbell, Vice President

Directions to the Weaver Ridge 10-25-33-17 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading south on a paved road for a distance of approximately 3.7 miles where the road turns left at a gaging station (shown on topographical map), or just before the road crosses the White River. Do not turn left. Continue southeasterly on the same road for a distance of 5.6 miles, (which is 0.3 miles before a right turn-off to Watson). Turn left onto proposed access and . proceed northeast for a distance of approximately 4,490' (about 0.9 miles). Turn left and proceed west along proposed access for approximately 195' to the proposed Weaver Ridge 10-25-33-17 well pad.

**Enduring Resources, LLC
Weaver Ridge #10-25-33-17
NWSE Sec. 17 T10S-R25E
Uintah County, Utah
Lease # (Fee)**

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	466'
Wasatch	2,236'
Mesaverde	3,191'
Castlegate	5,356'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals: (5795.5' estimated KB)

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5,796'	
Oil / Gas	Green River	466'
Oil /Gas	Wasatch	2,236'
Oil /Gas	Mesaverde	3,191'
	Estimated TD	5,335'

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*.

Single Shot directional surveys will be dropped every 2000 feet. Maximum allowable angle is 5 degrees.

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'
11"	8-5/8"	24#	J-55	ST&C	0 – 2,000' est
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 5,335

The surface casing will have guide shoe, 1 jt., 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'	16"			
2000'	8-5/8", 24#/ft, J55, STC	1370/1.53 (a)	2950/3.30 (b)	244/5.85 (c)
5,335	4-1/2", 11.6#/ft, N-80, LTC	6350/2.29 (d)	7780/3.05 (e)	223/4.19 (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	1500	Premium cement + 16% gel + 0.25 pps celloflake	136	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 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	536	Class "G" + 5% NaCl, + 12% Gel, + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	41	25	11.0	3.91
4-1/2"	Tail	3099	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant, + 0.2% fluid loss, + 0.1% antifoam	684	25	14.1	1.29

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	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' - 2000'		No cntrl		Air/mist
2000'-3000'	8.4-8.6	No cntrl	28-36	Water
3000'-5335'	8.8-10.2	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 2774 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 1601 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 upon their receipt.

**Enduring Resources, LLC
Weaver Ridge No. 10-25-33-17
NWSE Sec. 17 T10S-R25E
Uintah County, Utah
Lease (Fee)**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are as follows:

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading south on a paved road for a distance of approximately 3.7 miles where the road turns left at a gaging station (shown on topographical map), or just before the road crosses the White River. Do not turn left. Continue southeasterly on the same road for a distance of 5.6 miles, (which is 0.3 miles before a right turn-off to Watson). Turn left onto proposed access and proceed northeast for a distance of approximately 4,490' (about 0.9 miles). Turn left and proceed west along proposed access for approximately 195' to the proposed Weaver Ridge 10-25-33-17 well's pad.

Total distance from Bonanza, Utah to the proposed well location is approximately four and one-half miles in a south-southeasterly direction.

2. Planned Access Roads:

The proposed access road will be approximately 9/10ths of a mile of new construction all located on fee lands (the road to the Weaver Ridge 10-25-33-17 has not yet been built, however, if it is built, new access road will be less than 200 feet). A surface use agreement/road right-of-way will be acquired prior to construction. No improvements will be need to existing road (Dragon Road). Please refer to Topo Map "B" for the takeoff point for the new road construction.

The pad is also located on fee lands.

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 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. None: Temporarily Abandoned Wells:
- g. None: Disposal Wells:
- h. None: Abandoned Wells:
- i. None: Dry Holes:
- j. None: Observation Wells:

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 Carlsbad Canyon (2.5Y 6/2). 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:

- a. 5,260' Fee
- b. 1,520' State of Utah (SITLA)

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 6,780 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- FEE approximately 4,530 feet (4 inch or less diameter steel) surface pipeline shall be laid beside the access road,
- FEE approximately 810' (4 inch or less diameter steel) surface pipeline shall be laid across fee pasture land, and
- STATE approximately 1,520' (4 inch or less diameter steel) surface pipeline shall be laid across State of Utah grazing land.

- A permit will be acquired to trench/bore across the Dragon Road (Unitah County, Utah).

The proposed surface pipeline will begin at the well site; continue south to/under the Dragon Road and then continue on State lands (SITLA) in the south-half of section 20. It will tie-in into a Canyon Resources pipeline in the approximately the center of the SW/4 of Section 20, Township 10 South – Range 25 East. The line will be welded together and pulled from the well site location and tie-in point when practical; however, it may be necessary to utilize the access road for welding of the line. The line will then be boomed off to the side of the road. That portion of the pipeline not located along the road will be laid with as little surface disturbance as practical. The gas meter run will be located within 500 feet of the wellhead. 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.

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5. Location and Type of Water Supply:

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

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:

- a. 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.
- b. 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.

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Seed Mixture for Windrowed Top Soil Will Included:

The appropriate surface management agency will be contacted for the required seed mixture and dates.

Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Fee (damage and access agreement is pending)

Access: Fee (damage and access agreement is pending)

Pipeline: Fee and State of Utah School and Institutional Trust Lands Administration

11. Other Information

Wildlife Stipulations:

Wildlife stipulations and possible activity restrictions will be detailed in the conditions of approval received with an approved Permit to Drill. Operator will comply with these wildlife stipulations, if any.

Archeology:

A Cultural Resource Inventory Report is being conducted for the well location, access route and pipeline. The report shall be submitted to the Division of Oil, Gas and Mining.

Paleontology:

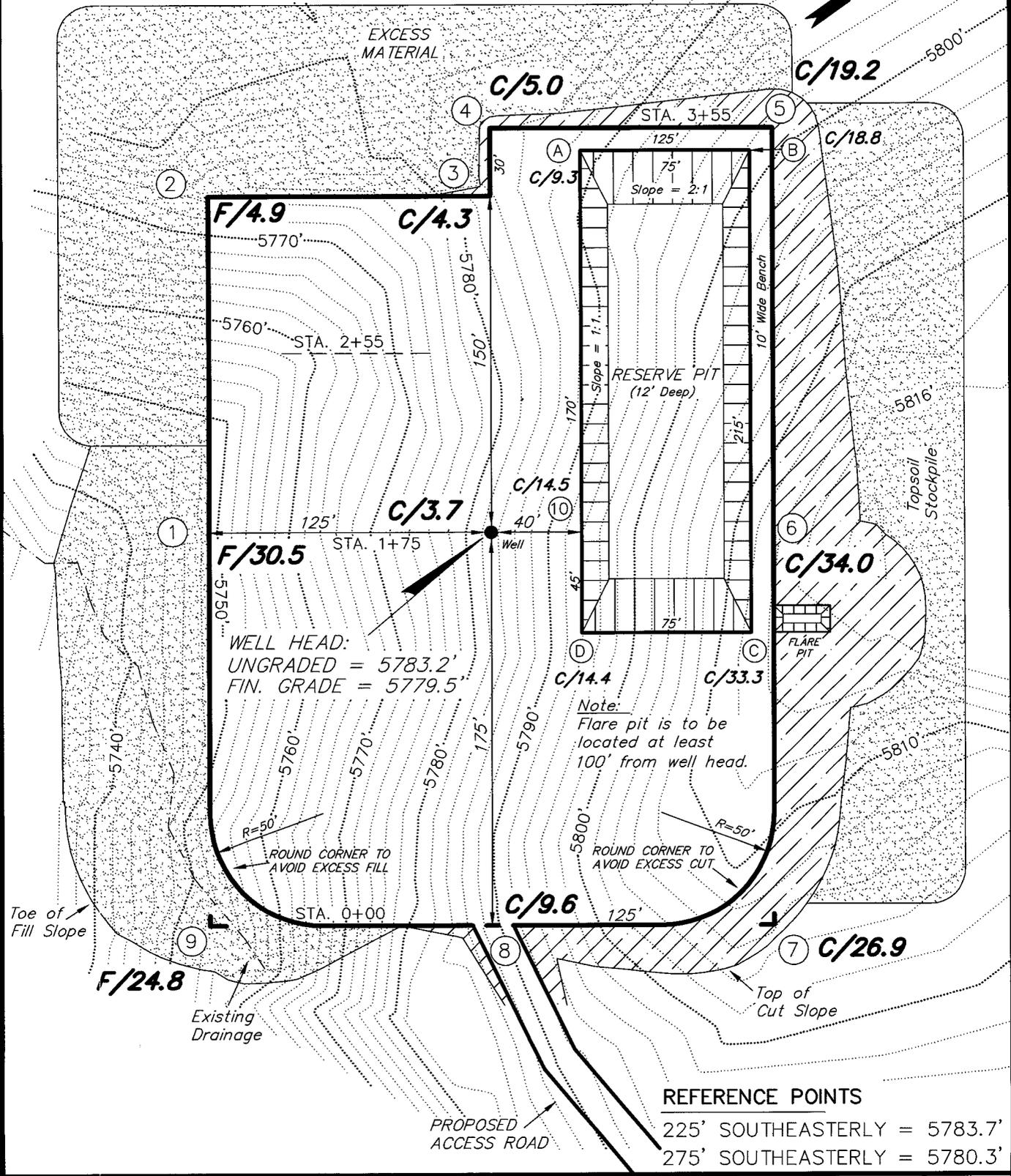
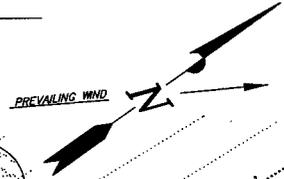
A Paleontology Reconnaissance Report is being conducted for the well location, access route and pipeline. The report shall be submitted to the Division of Oil, gas and Mining.

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.

All lease operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, and the approved Plan of Operations and all applicable Notice to Lessees. The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

ENDURING RESOURCES

WEAVER RIDGE 10-25-33-17
Section 17, T10S, R25E, S.L.B.&M.



SURVEYED BY: C.M.	DATE DRAWN: 7-20-05
DRAWN BY: F.T.M.	SCALE: 1" = 60'
NOTES:	

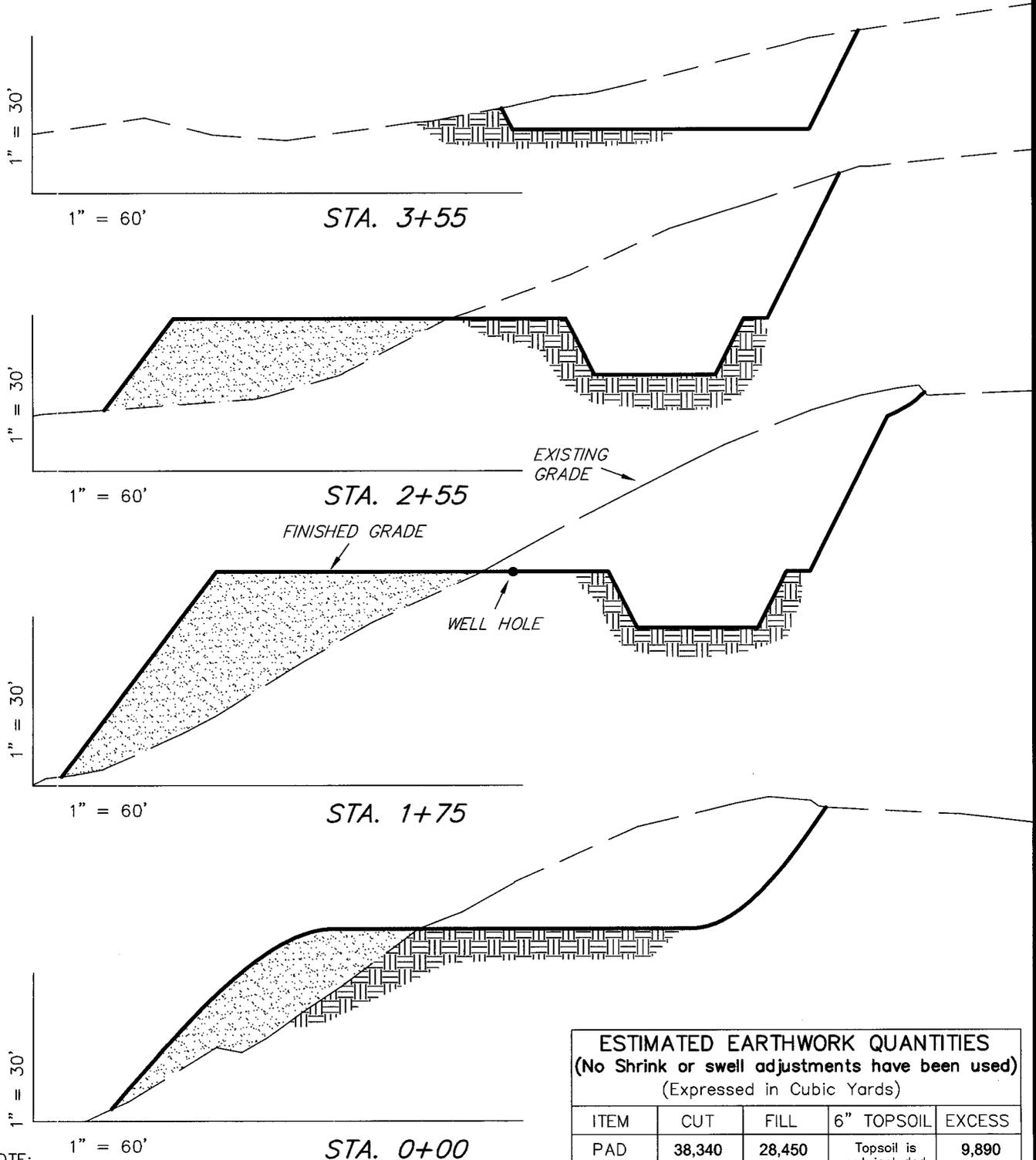
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(435) 781-2501

SHEET
3
OF 9

ENDURING RESOURCES

CROSS SECTIONS

WEAVER RIDGE 10-25-33-17



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	38,340	28,450	Topsoil is not included in Pad Cut	9,890
PIT	5,390	0		5,390
TOTALS	43,730	28,450	2,250	15,280

SURVEYED BY: C.M. DATE DRAWN: 7-20-05

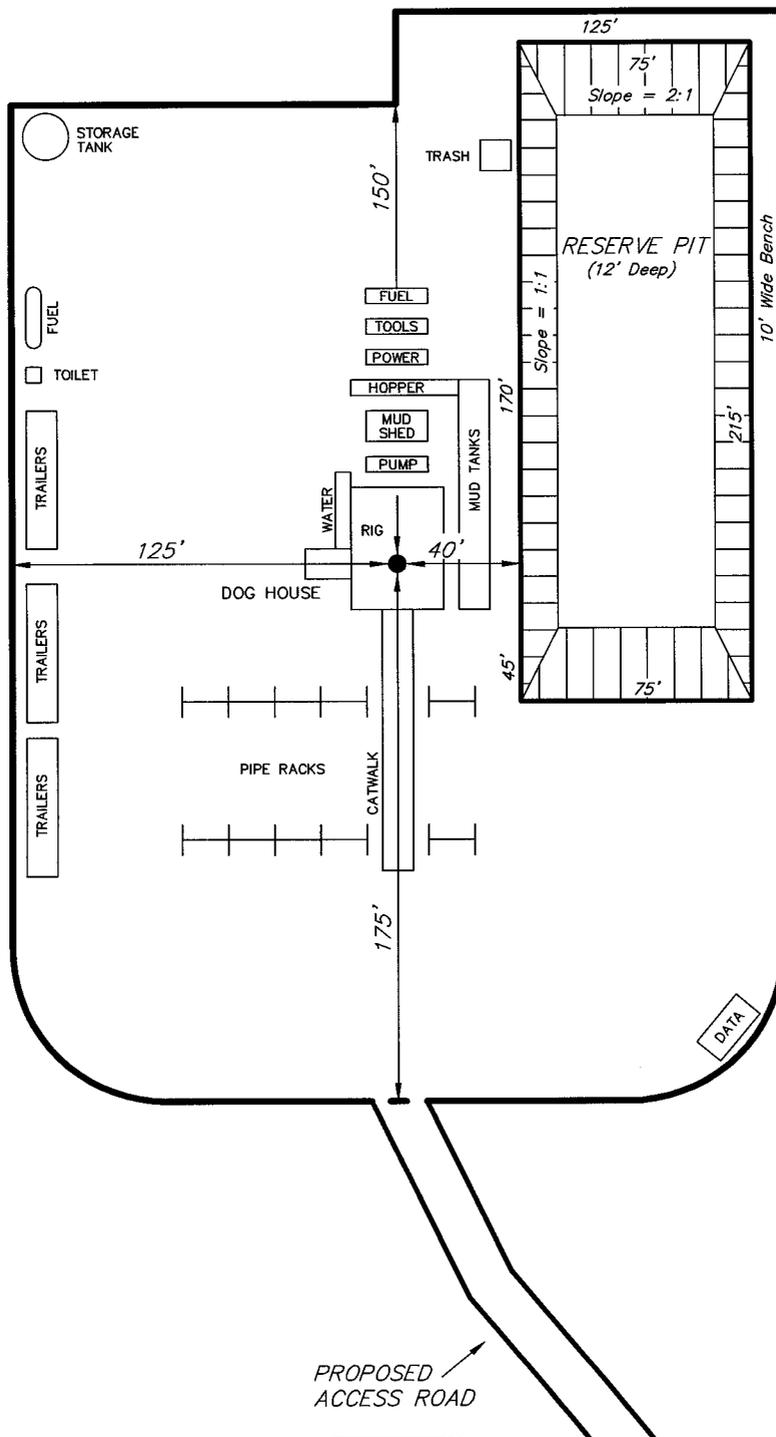
DRAWN BY: F.T.M. SCALE: 1" = 60'

NOTES:

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SHEET
4
OF 9

ENDURING RESOURCES
TYPICAL RIG LAYOUT
WEAVER RIDGE 10-25-33-17



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

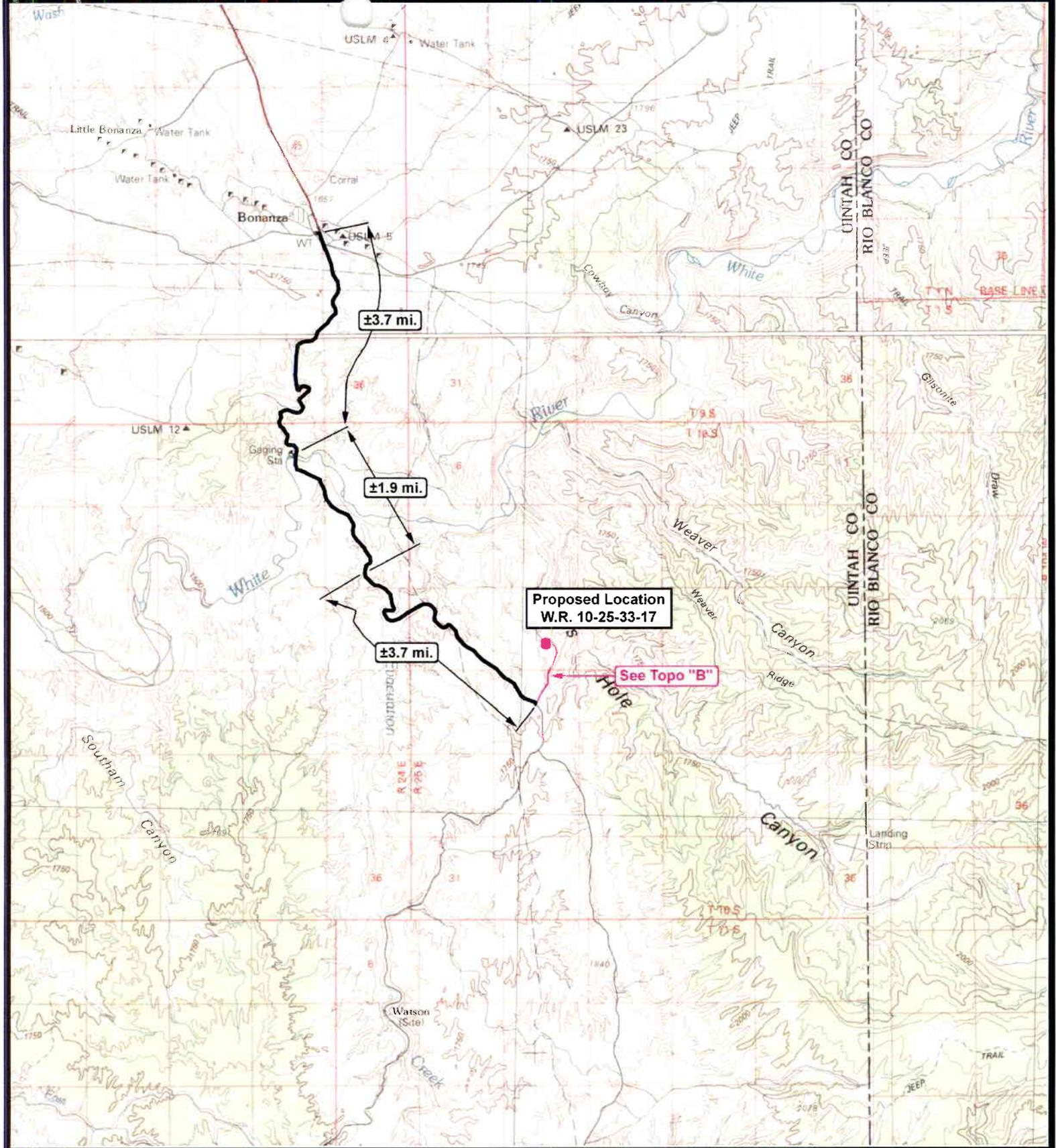
SURVEYED BY: C.M.	DATE DRAWN: 7-20-05
DRAWN BY: F.T.M.	SCALE: 1" = 60'
NOTES:	

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SHEET
5
 OF 9

Directions to the Weaver Ridge 10-25-33-17 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading south on a paved road for a distance of approximately 3.7 miles where the road turns left at a gaging station (shown on topographical map), or just before the road crosses the White River. Do not turn left. Continue southeasterly on the same road for a distance of 5.6 miles, (which is 0.3 miles before a right turn-off to Watson). Turn left onto proposed access and proceed northeast for a distance of approximately 4,490' (about 0.9 miles). Turn left and proceed west along proposed access for approximately 195' to the proposed Weaver Ridge 10-25-33-17 well pad.



ENDURING RESOURCES

Weaver Ridge 10-25-33-17
Sec. 17, T10S, R25E, S.L.B.&M.

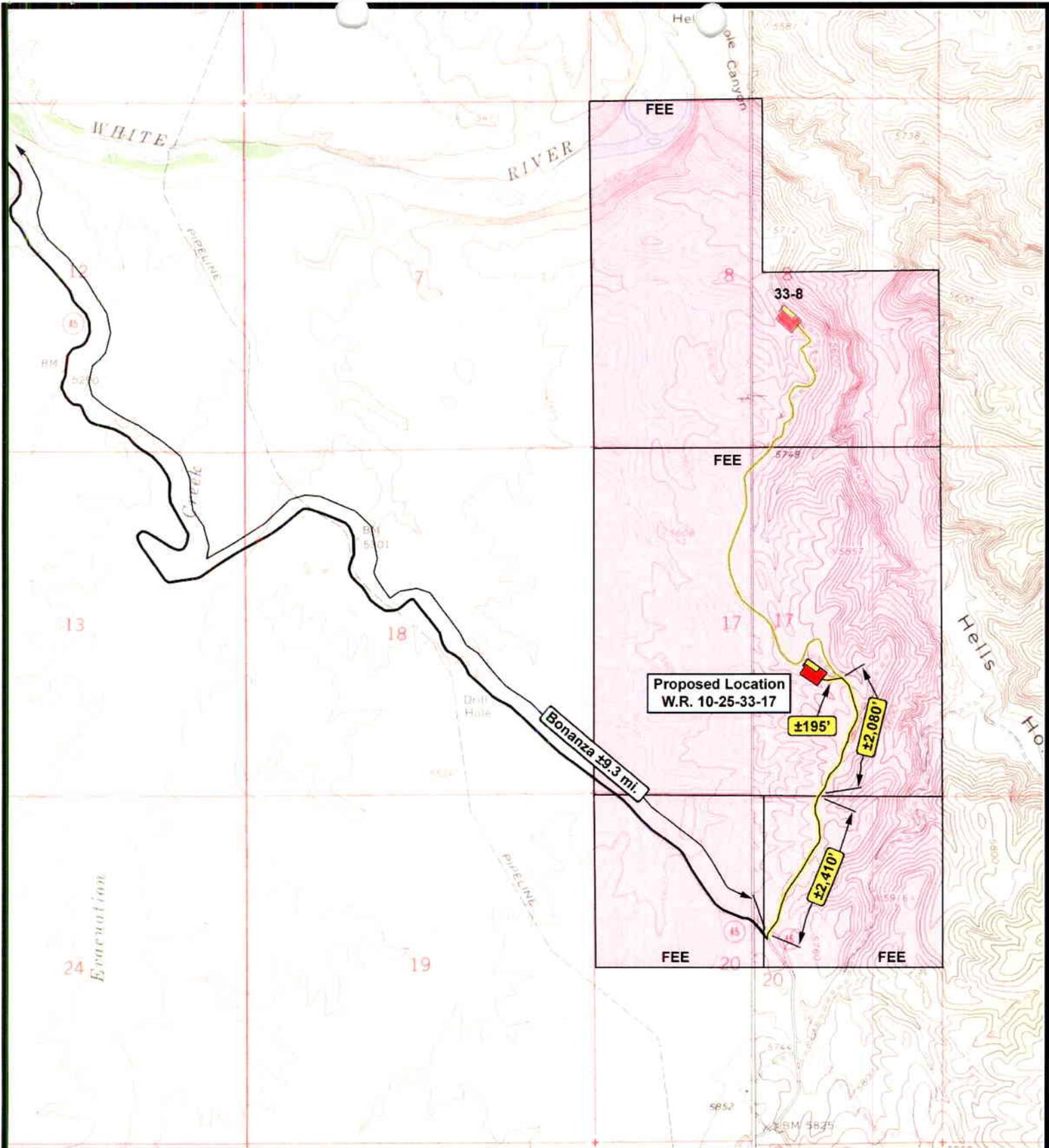


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SCALE: 1" = 100,000'
DRAWN BY: bgm
DATE: 10-03-2005

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP SHEET
"A" **6**
 OF 9



ENDURING RESOURCES

Weaver Ridge 10-25-33-17
Sec. 17, T10S, R25E, S.L.B.&M.



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SCALE: 1" = 2,000'
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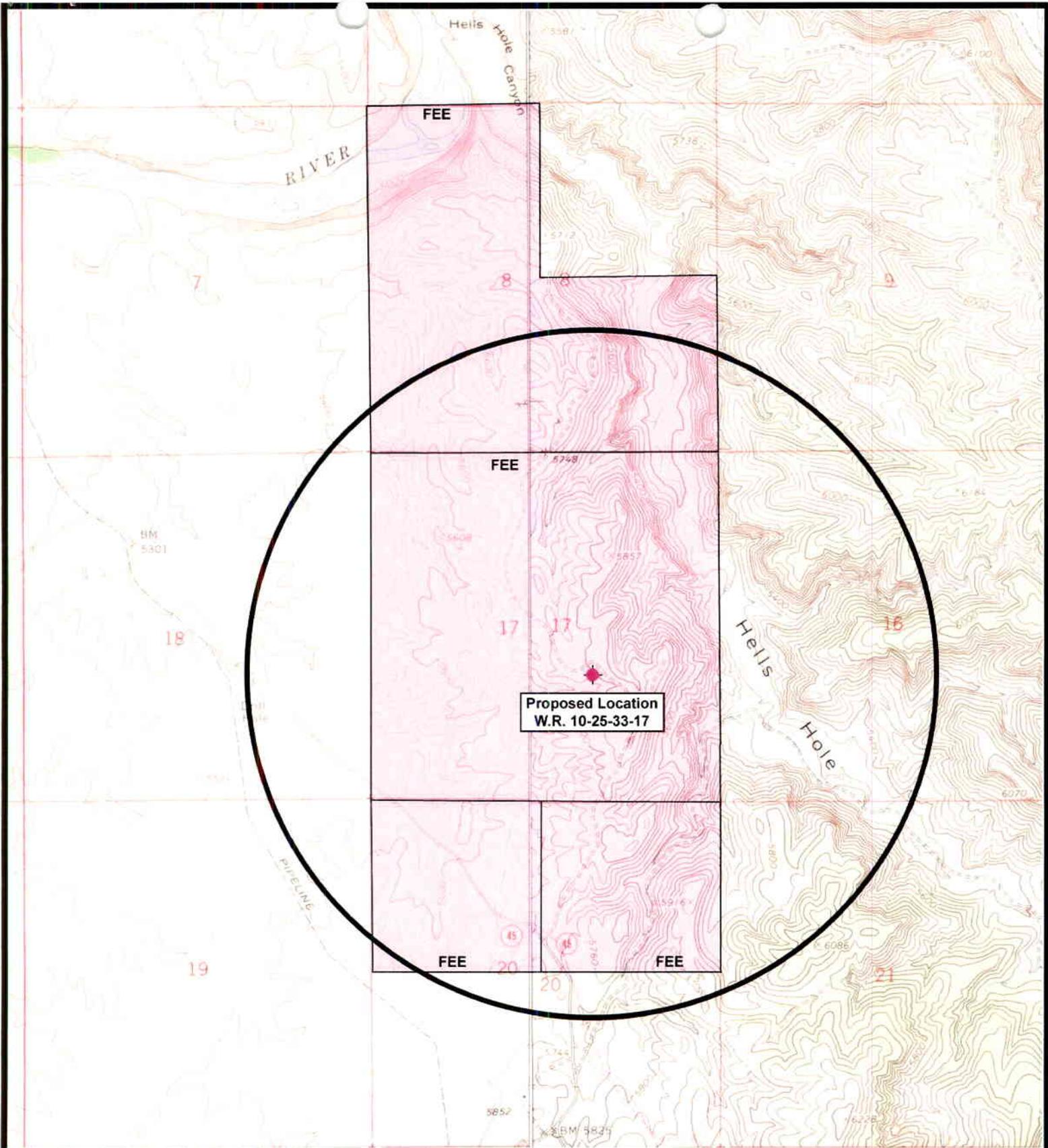
Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"

SHEET
7
OF 9



ENDURING RESOURCES

Weaver Ridge 10-25-33-17
Sec. 17, T10S, R25E, S.L.B.&M.



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SCALE: 1" = 2,000'

DRAWN BY: bgm

DATE: 10-03-2005

Legend

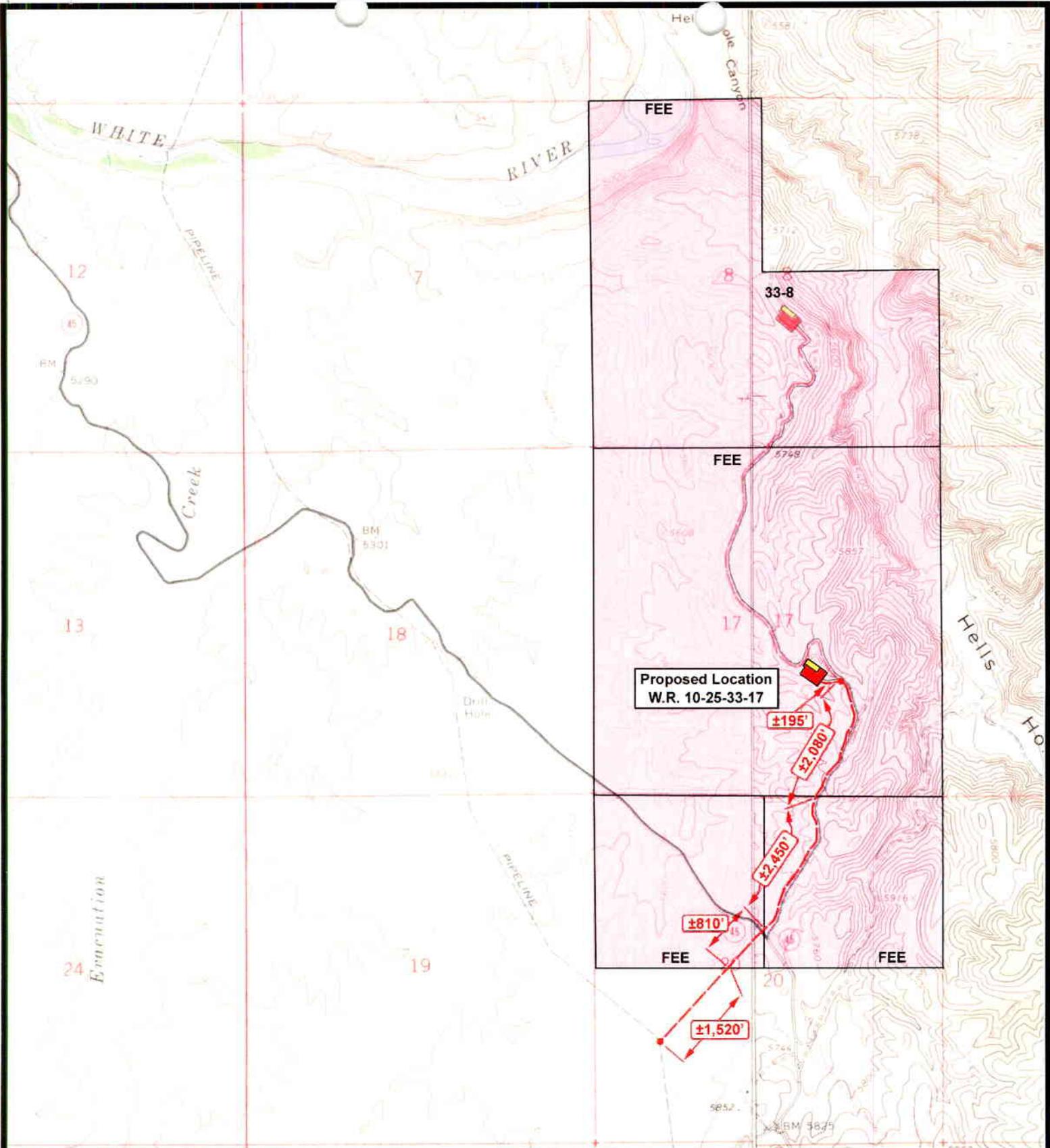
- Proposed Location
- One-Mile Radius

TOPOGRAPHIC MAP

"C"

SHEET

8
OF 9



ENDURING RESOURCES

**Weaver Ridge 10-25-33-17
Sec. 17, T10S, R25E, S.L.B.&M.**



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SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 10-03-2005

Legend

- Existing Road
- Proposed Access
- Proposed Gas Line

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



CENTER STAKE

Date Photographed: 07/20/2005

Date Drawn: 09/30/2005

Drawn By: bgm



ENDURING RESOURCES

W.R. 10-25-33-17



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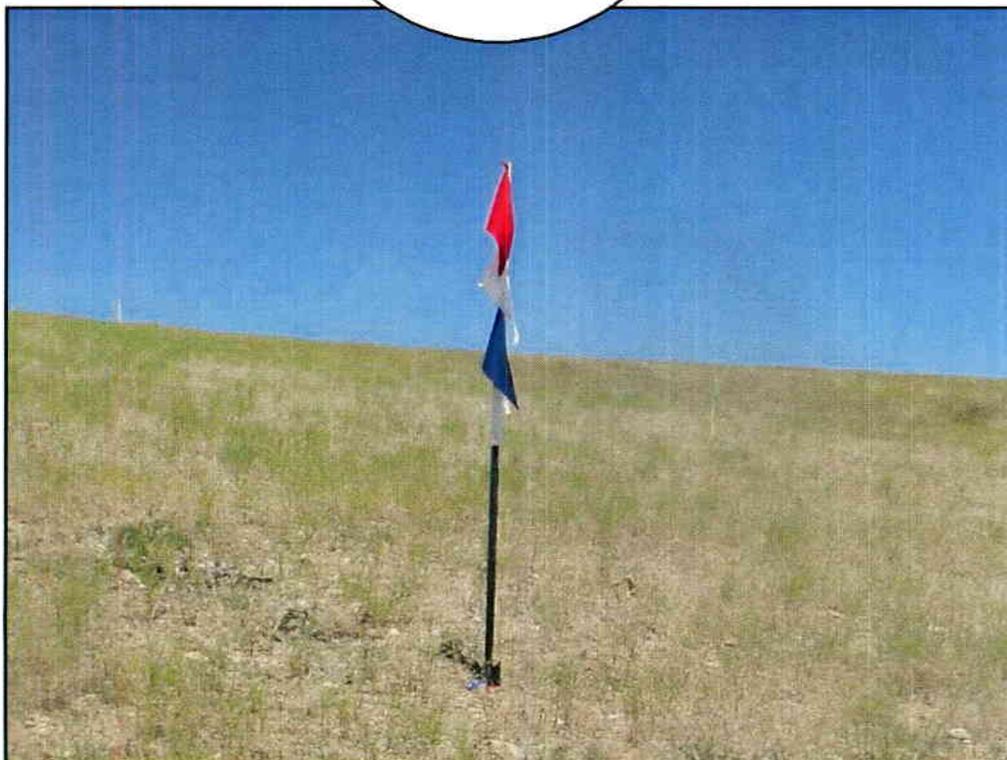
NORTH


ENDURING RESOURCES
W.R. 10-25-33-17

Date Photographed: 07/20/2005
Date Drawn: 09/30/2005
Drawn By: bgm


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EAST





SOUTH


ENDURING RESOURCES
W.R. 10-25-33-17

Date Photographed: 07/20/2005
Date Drawn: 09/30/2005
Drawn By: bgm


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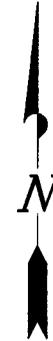
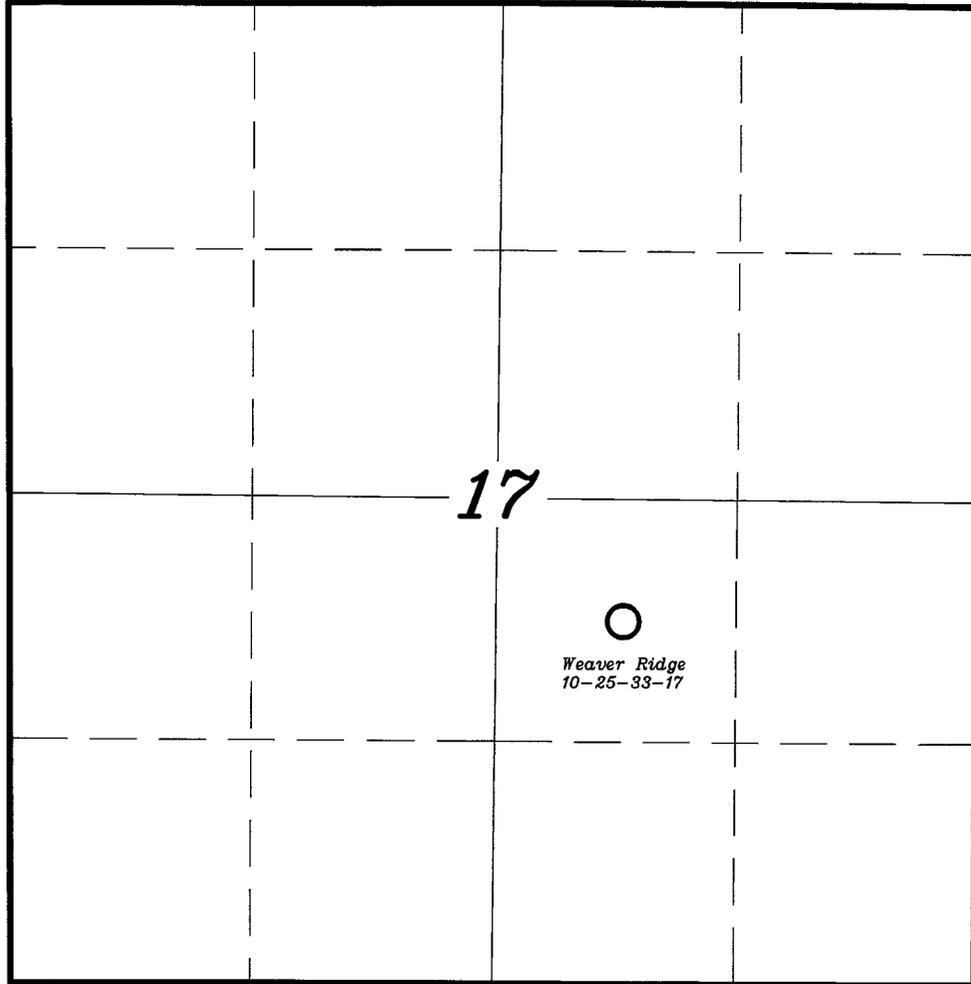
WEST



T10S, R25E, S.L.B.&M.

ENDURING RESOURCES

**SECTION DRILLING MAP
WEAVER RIDGE 10-25-33-17**



LEGEND

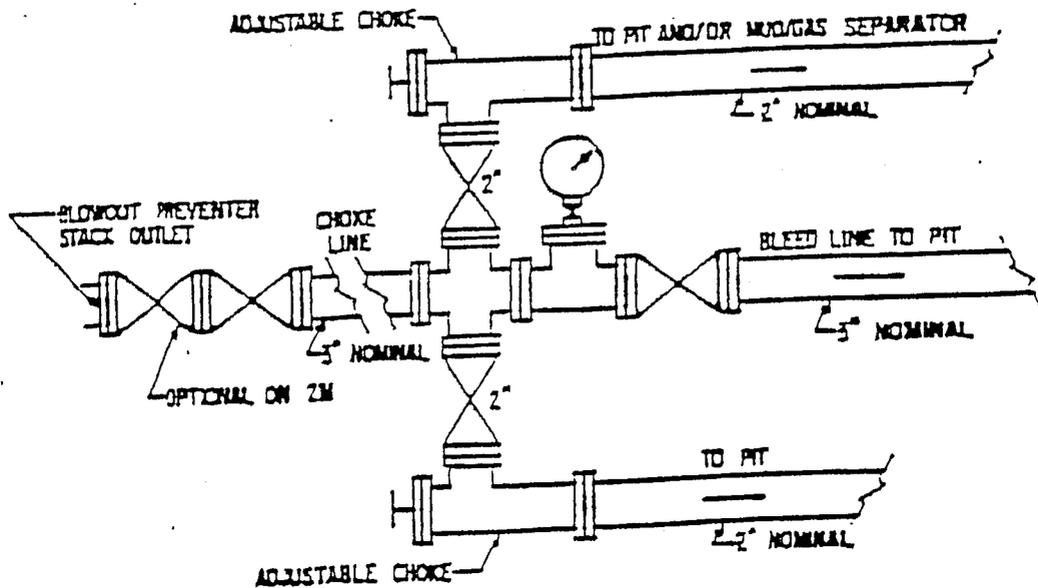
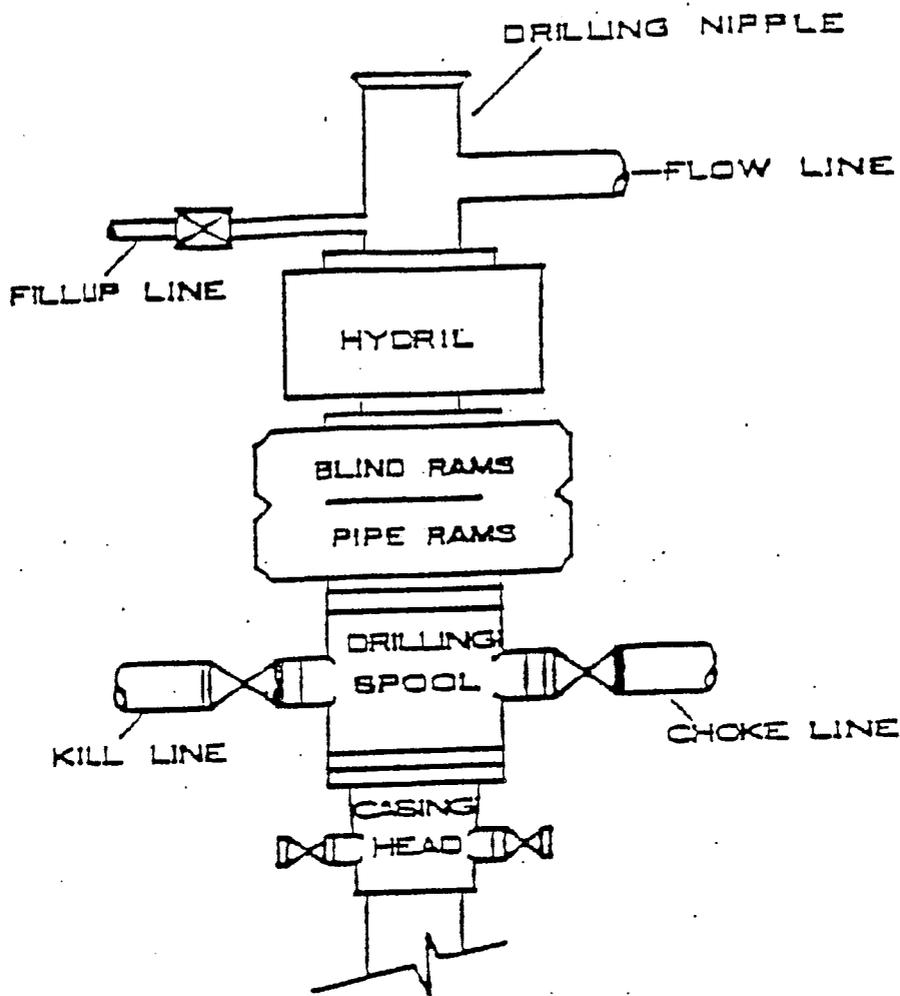
- = Vertical Well
- ⊙ = Directional Well Bottom Hole

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

DATE DRAWN: 7-20-05	SURVEYED BY: C.M.	SHEET 1 OF 9
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	

3,000 PSI

BOP STACK



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/08/2005

API NO. ASSIGNED: 43-047-37363

WELL NAME: WEAVER RIDGE 10-25-33-17
 OPERATOR: ENDURING RESOURCES, LLC (N2750)
 CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

NWSE 17 100S 250E
 SURFACE: 1962 FSL 1926 FEL
 BOTTOM: 1962 FSL 1926 FEL
 UINTAH
 WILDCAT (1)

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4 - Fee
 PROPOSED FORMATION: CSLGT
 COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	Duo	1/31/07
Geology		
Surface		

LATITUDE: 39.94700
 LONGITUDE: -109.1217

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008031)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-8496)
- RDCC Review (Y/N)
(Date: 11/25/2005)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

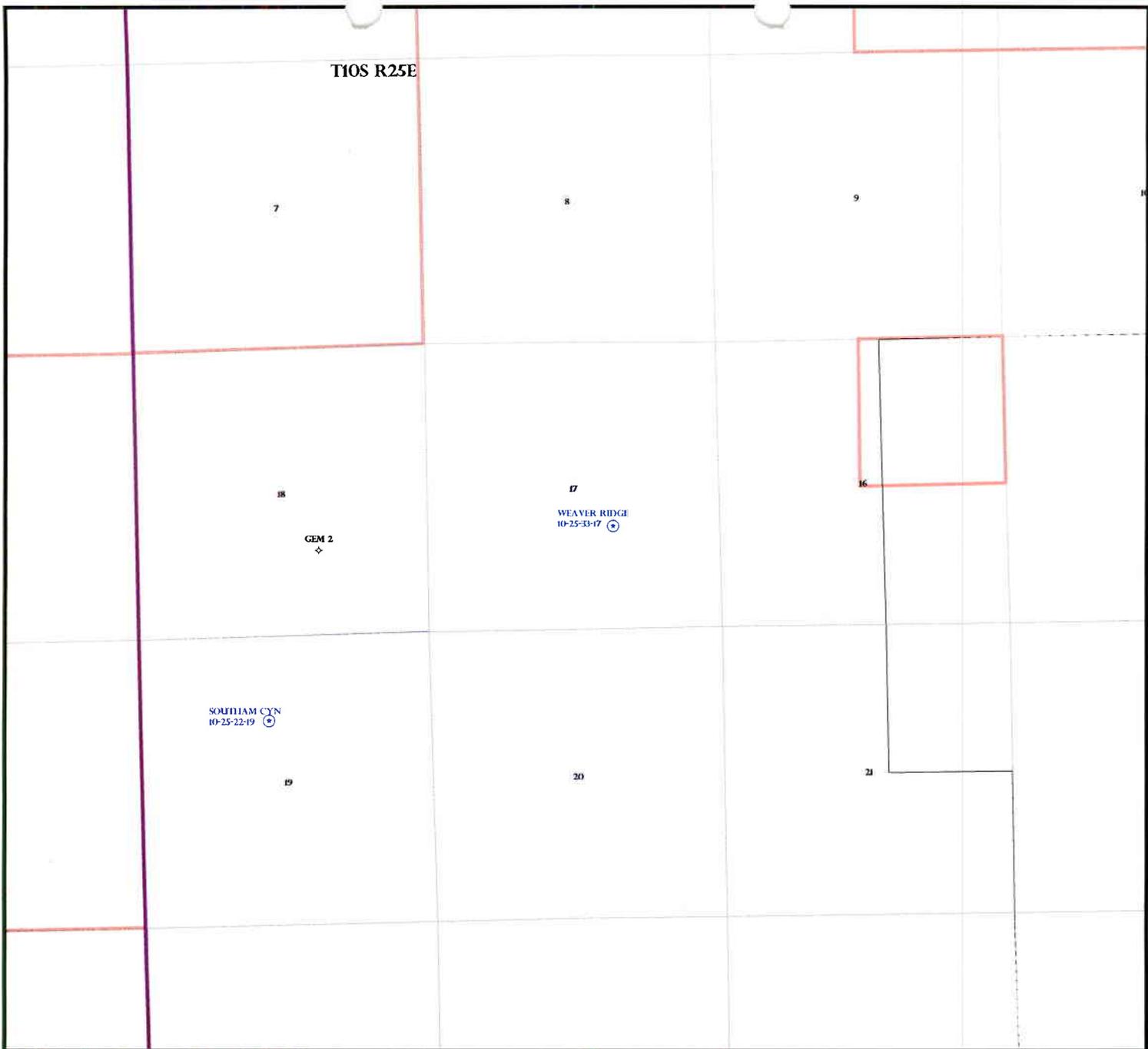
- R649-2-3.
Unit _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (01-09-07)

STIPULATIONS:

- 1- Spacing Strip
- 2- STATEMENT OF BASIS
- 3- Surface Csg Cont Strip



OPERATOR: ENDURING RES LLC (N2750)

SEC: 17 T. 10S R. 25E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status

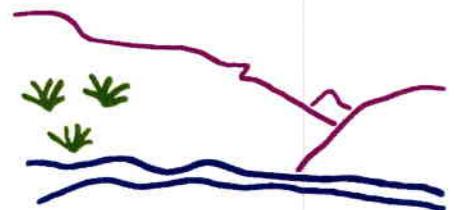
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

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



PREPARED BY: DIANA WHITNEY
DATE: 10-NOVEMBER-2005

007-1 Enduring Weaver Ridge 10-25-33-17

Casing Schematic

BHP $0.052(5335)10.2 = 2830 \text{ psi}$
anticipate 2774 psi

Gas $.12(5335) = 640$
 $2830 - 640 = 2190 \text{ psi, MASH}$

BOPE 3M ✓

Burst 2950
70% 2065 psi

Max P @ surf. shoe
 $.22(3335) = 734$
 $2830 - 734 = 2096 \text{ psi}$

Test to 2065 psi ✓

Stop ⇒ cmts ✓

✓ Adequate mud 1/31/07

Surface

12 1/2" 18 1/2"

Ulna 28' TOC w/5% w/o
+ surf. st. p ✓

466' Green River
TOC @ 763.

1468' TOC w/6% w/o

TOC @ 2013. Surface 2000. MD
2236' watch

3191 Mesaverde

5100 ± BMSW

5356' Production 5335. MD (Castle Gate)

8-5/8"
MW 8.4
Frac 19.3

4-1/2"
MW 10.2

Well name:	2007-1 Enduring Weaver Ridge 10-25-33-17		
Operator:	Enduring Resource, LLC		
String type:	Surface	Project ID:	43-047-37363
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 103 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft

Cement top: 763 ft

Burst

Max anticipated surface pressure: 1,760 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 2,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 1,748 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 5,335 ft
 Next mud weight: 10.200 ppg
 Next setting BHP: 2,827 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,000 ft
 Injection pressure: 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	2000	8.625	24.00	J-55	ST&C	2000	2000	7.972	715.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	2000	2950	1.47	42	244	5.82 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: January 30, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2007-1 Enduring Weaver Ridge 10-25-33-17		
Operator:	Enduring Resource, LLC		
String type:	Production	Project ID:	43-047-37363
Location:	Uintah County		

Design parameters:

Collapse

Mud weight: 10.200 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 150 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 1,468 ft

Burst

Max anticipated surface pressure: 1,653 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,827 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 4,522 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5335	4.5	11.60	N-80	LT&C	5335	5335	3.875	465.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2827	6350	2.246	2827	7780	2.75	52	223	4.25 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: January 31, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5335 ft, a mud weight of 10.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,926' FEL - 1,962 FSL S.L.B.& M. COUNTY: Uintah		8. WELL NAME and NUMBER: Weaver Ridge 10-25-33-17
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 10S 25E S STATE: UTAH		9. API NUMBER: 4304737363
		10. FIELD AND POOL, OR WILDCAT: Undesignated

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: 2/6/2006	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Correction of Pending APD.</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.

Correction of pending APD.

A. Access, pipeline and wellsite...

1. The landowner is the Nick Theos Family Limited Partnership of Meeker, Colorado, not as stated in the submitted APD.
2. A surface agreement / r-o-w agreement is being signed.
3. Said agreement shall be submitted when signed.

B. This well will be a Multiple Zone completion, if possible, not Single Zone.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE	DATE <u>2/6/2006</u>

(This space for State use only)

RECEIVED
MAR 08 2006
DIV. OF OIL, GAS & MINING

Application for Permit to Drill

Statement of Basis

1/18/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
172	43-047-37363-00-00		GW	P	No
Operator	ENDURING RESOURCES, LLC	Surface Owner-APD			
Well Name	WEAVER RIDGE 10-25-33-17	Unit			
Field	WILDCAT	Type of Work			
Location	NWSE 17 10S 25E S 0 F L 0 F L GPS Coord (UTM) 660468E 4423354N				

Geologic Statement of Basis

Enduring proposes to set 2,000' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,100'. A search of Division of Water Rights records shows no water well within a 10,000 foot radius of the center of Section 17. The surface formation at this site is the Uinta-Green River Formation transition. The Uinta Formation is made up of lenticular sandstones interbedded with shales and is expected to have limited value as an aquifer. The Green river Formation should be found near the surface. The Green River Formation may contain useable aquifers but they should be adequately protected by the proposed casing and cementing program.

Brad Hill
APD Evaluator

1/18/2007
Date / Time

Surface Statement of Basis

Both the surface and minerals for the Weaver Ridge 10-25-33-17 gas well are owned by the Nick Theos Family Limited Partnership. Enduring Resources plans to drill and operate the well with a lease from the Partnership. Mr. Nick Theos attended the presite and had no concerns with the access road or the planned well site.

The well is proposed approximately 5 miles south east of Bonanza, Utah. Drainage is into an ephemeral draw which runs approximately 2 miles north and west into Evacuation Creek. Evacuation Creek, also an ephemeral drainage, runs north approximately one mile where it joins the White River. Topography is quite varying in the area but generally consists of open ridgetops which break sharply into sidedraws and sometimes deep rough canyons. Hell Hole Canyon to the north and east is especially steep and rugged.

The location is on a moderately steep southwest facing slope with a high ridgetop to the north. Minor draws lie to the south with the fill from the excavation planned to fill one draw. The drainage can not be routed around the location. Since the draw begins only a short distance above the location, little runoff should occur.

The proposed location appears to be the best site for drilling and operating a well in the immediate area.

Floyd Bartlett
Onsite Evaluator

1/9/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator ENDURING RESOURCES, LLC
Well Name WEAVER RIDGE 10-25-33-17
API Number 43-047-37363-0 **APD No** 172 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWSE **Sec** 17 **Tw** 10S **Rng** 25E 0 FL 0 FL
GPS Coord (UTM) 660467 4423366 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Doug Hammond (Enduring Resources), Larry Rowell and Mike Stewart (conderosa Construction), Nick Theos (Land and Mineral Owner)

Regional/Local Setting & Topography

The Weaver Ridge 10-25-33-17 well is proposed approximately 5 miles south east of Bonanza, Utah. Drainage is into an ephemeral draw which runs approximately 2 miles north and west into Evacuation Creek. Evacuation Creek, also an ephemeral drainage, runs north approximately one mile where it joins the White River. Topography is quite varying in the area but generally consists of open ridgetops which break sharply into sidedraws and sometimes deep rough canyons. Hell Hole Canyon to the north and east is especially steep and rugged.

The location is on a moderately steep southwest facing slope with a high ridgetop to the north. Minor draws lie to the south with the fill from the excavation planned to fill one draw. The draw can not be routed around the location. Since the draw begins only a short distance above the location, little runoff should occur.

Surface Use Plan

Current Surface Use

Grazing

Deer Winter Range

New Road

Miles	Well Pad	Length	Src Const Material	Surface Formation
0.9	Width 250	325	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Barren sidehill with cheatgrass, shadscale, Russian Thistle, and prickly pear present.
Deer, rabbits, coyotes and misc. small mammals and birds.

Soil Type and Characteristics

exposed small shale. Siltly clay loam.

Erosion Issues Y

Minor draw is being cutoff with fill. Routing flow is not possible. Flow should be minor.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		20 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is planned on the northwest corner of the location within an area of cut. It is 75'x 215' x 12' deep. A liner is required. Enduring Resources lines their pits with a 16 mil liner and at least 1/2 inch of sub-felt.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Nick Theos representing the Nick Theos Family Limited Partnership attended the presite. He had no concerns with the access road and the well location as proposed.

Floyd Bartlett
Evaluator

1/9/2007
Date / Time

STATE ACTIONS
Resource Development Coordinating Committee
Governor's Office of Planning and Budget
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or November 24, 2005
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Enduring Resources, LLC proposes to drill the Weaver Ridge 10-25-33-17 well (wildcat) on a Fee lease, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 1926' FEL 1962' FSL, NW/4 SE/4, Section 17, Township 10 South, Range 25 East, Uintah County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Uintah Basin Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer  for Gil Hunt, Associate Director Date: November 10, 2005

From: Robert Clark
To: Whitney, Diana
Date: 11/21/2005 1:37:28 PM
Subject: RDCC Short turn around responses

The following comments are submitted for **RDCC #5858-5863** and **RDCC 5901** and **RDCC 5917**. Some of these comments may be late. Sorry, I have been in the hospital and recuperating the past three weeks.

The following comments pertain to RDCC # 5858- 5863. Comments begin: The proposed Mustang 1320-30, 1320-13D, 1320-14D, 1320-14P 1320-24E and 1320-101 well drilling projects in Uintah County may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are constructed at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules are found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

The following comments pertain to RDCC # 5901. Comments begin:

The proposed Northwest Bullhorn wildcat well drilling projects in San Juan County may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are constructed at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules are found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

The following comments pertain to RDCC # 5917. Comments begin:

The proposed Weaver Ridge 10-25-33-17 wildcat well drilling project in Uintah County may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are constructed at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules are found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

Robert Clark

Division of Air Quality
536-4435

CC: Wright, Carolyn



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

January 31, 2007

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

Re: Weaver Ridge 10-25-33-17 Well, 1962' FSL, 1926' FEL, NW SE, Sec. 17,
T. 10 South, R. 25 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 43-047-37363.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)

Operator: Enduring Resources, LLC
Well Name & Number Weaver Ridge 10-25-33-17
API Number: 43-047-37363
Lease: Fee

Location: NW SE **Sec.** 17 **T.** 10 South **R.** 25 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**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

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

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1962' FSL - 1926' FEL		8. WELL NAME and NUMBER: Weaver Ridge 10-25-33-17
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 17 10S 25E S		9. API NUMBER: 4304737363
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

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

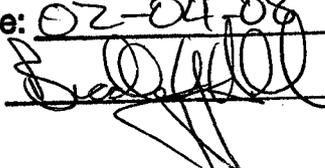
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

FROM: 1-31-2008

TO: 1-31-2009

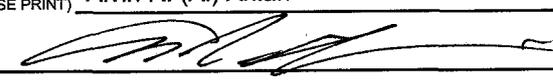
Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-04-08
By: 

COPY SENT TO OPERATOR

Date: 2-5-2008

Initials: KS

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>1/28/2008</u>

(This space for State use only)

RECEIVED

JAN 31 2008

DIV. OF OIL, GAS & MINING

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

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

API: 4304737363
Well Name: Weaver Ridge 10-25-33-17
Location: 1962' FSL - 1926' FEL NWSE Sec. 17, 10S-25E
Company Permit Issued to: ENDURING RESOURCES, LLC
Date Original Permit Issued: 1/31/2007

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

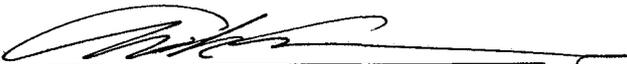
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

1/28/2008

Date

Title: Landman - Regulatory Specialist

Representing: Enduring Resources, LLC

RECEIVED

JAN 31 2008

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

FROM: 2/4/2009
TO: 2/4/2010

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-02-09

By: [Signature]

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>1/26/2009</u>

(This space for State use only)

COPY SENT TO OPERATOR
Date: 2.5.2009
Initials: KS

(See Instructions on Reverse Side)

RECEIVED
FEB 02 2009

DIV. OF OIL, GAS & MINING



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

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

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Location: 1962' FSL - 1926' FEL NWSE Sec. 17, 10S-25E
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- 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

1/26/2009
 Date

Title: Administrative Assistant

Representing: Enduring Resources, LLC

RECEIVED
FEB 02 2009
 DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 24, 2010

Al Arlian
Enduring Resources, LLC
475 17TH Street Ste 1500
Denver, CO 80202

Re: APD Rescinded – Weaver Ridge 10-25-33-17, Sec. 17 T.10S, R. 25E
Uintah County, Utah API No. 43-047-37363

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on January 31, 2007. On February 4, 2008 and February 2, 2009 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective February 24, 2010.

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
Brad Hill, Technical Service Manager

