

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Chandler & Associates, LLC (303) 295-0400

3. ADDRESS AND TELEPHONE NO.  
 475 Seventeenth Street, Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 623' FSL 580' FEL  
 At proposed prod. zone 581, 951 E  
 41119, 5311 N

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 See Topo Map "A" (attached)

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 623'

16. NO. OF ACRES IN LEASE 1917.68

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3500'

19. PROPOSED DEPTH 5300'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6217' GR

22. APPROX. DATE WORK WILL START\* A.S.A.P.

5. LEASE DESIGNATION AND SERIAL NO.  
 U-75083

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

7. UNIT AGREEMENT NAME  
 West River Bend

8. FARM OR LEASE NAME, WELL NO.  
 WRBU 8770 #16-19-10-17

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 West River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 19, T10S, R17E, SLB&M

12. COUNTY OR PARISH Duchesne

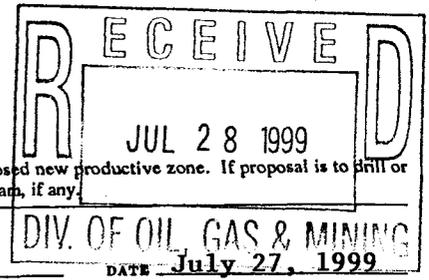
13. STATE Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	9 5/8"	36#	300'	(See attached drilling plan)
7 7/8"	5 1/2"	15.5#	5300'	(See attached drilling plan)

- M.I.R.U.
- Drill to T.D. 5300'
- Run 5 1/2" casing if commercial production is indicated
- If dry hole, well will be plugged and abandoned as instructed by the B.L.M.
- Well will be drilled with water; KCL water; LSND as needed to T.D.

I hereby certify that Chandler & Associates, LLC is responsible by the terms and conditions of the lease to conduct lease operations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Chandler & Associates, Inc., B.L.M. Bond #124290364 with CNA.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Tracy D. Henline TITLE Agent for Chandler DATE July 27, 1999

(This space for Federal or State office use)

PERMIT NO. 43-013-32130 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE RECLAMATION SPECIALIST III DATE 8/2/99

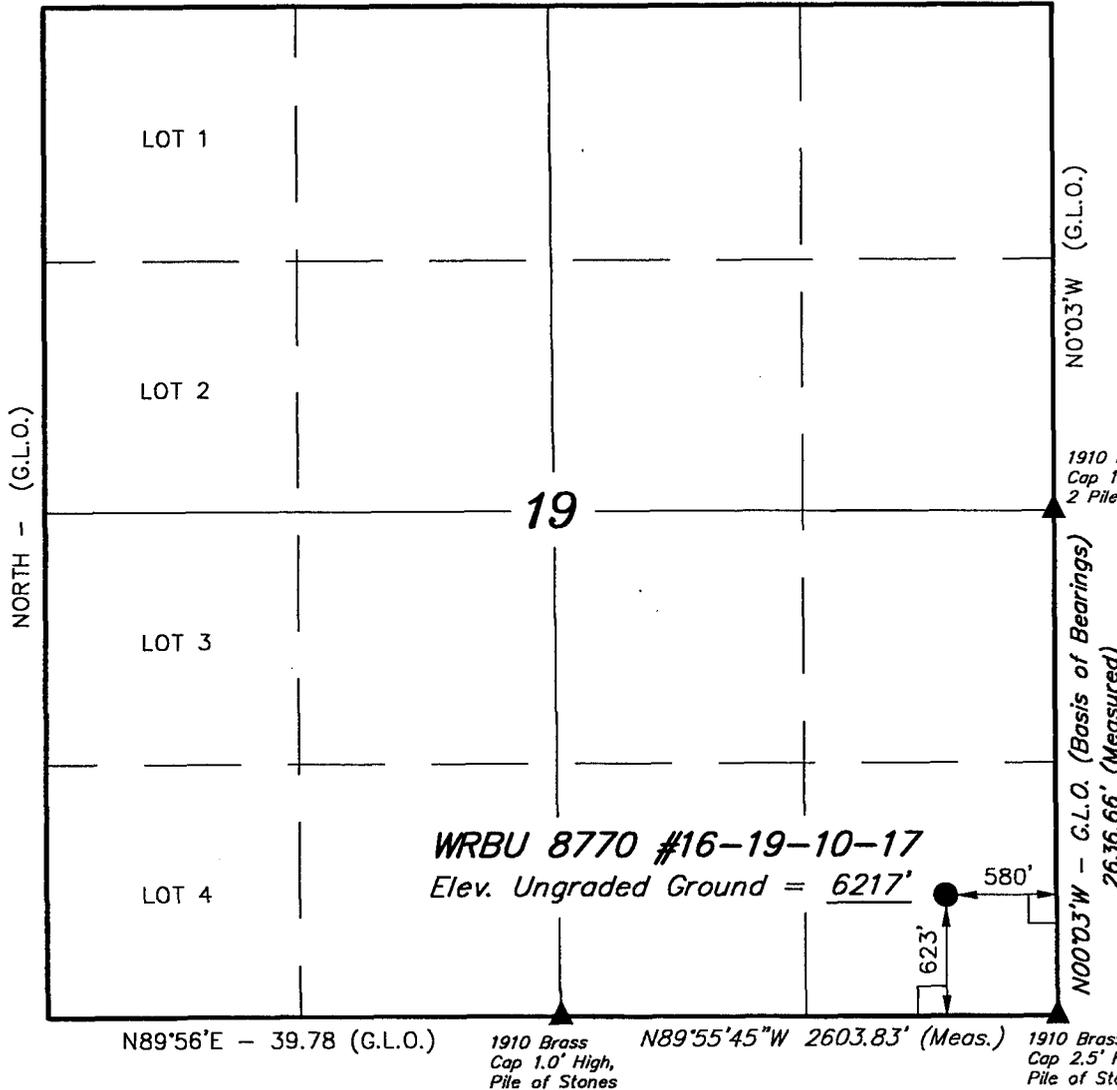
\*See Instructions On Reverse Side

# T10S, R17E, S.L.B.&M.

CHANDLER & ASSOCIATES, LLC.

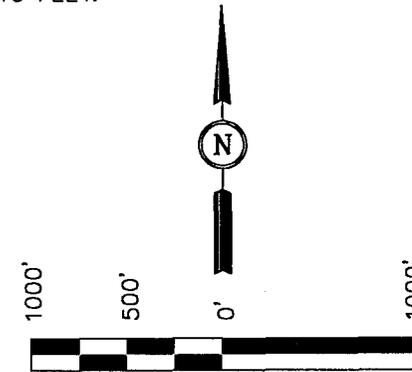
Well location, WRBU 8770 #16-19-10-17, located as shown in the SE 1/4 SE 1/4 of Section 19, T10S, R17E, S.L.B.&M. Duchesne County, Utah.

N89°57'E - 79.64 (G.L.O.)



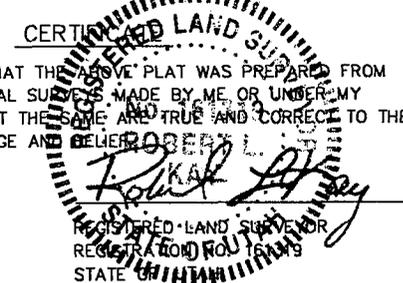
## BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 19, T10S, R17E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6210 FEET.



SCALE

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.



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 40°06'13"  
LONGITUDE = 109°28'29"

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-1-99	DATE DRAWN: 7-2-99
PARTY K.K. T.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE CHANDLER & ASSOCIATES, LLC.	

**CHANDLER & ASSOCIATES LLC.  
DRILLING PLAN FOR THE  
WRBU 8870 #16-19-10-17**

I. DRILLING PLAN:

1. Geological Surface Formation: Uintah

2. Estimated Tops:

<u>Name</u>	<u>Top</u>	<u>Prod. Phase Anticipated</u>
Green River	1925'	Oil
Uteland Butte	5030'	Oil
Wasatch	5210'	Gas

3. CASING PROGRAM:

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg. Size</u>	<u>Type</u>	<u>Weight</u>
Surface	300'	12-1/4"	9-5/8"	K-55 (ST&C)	36#/ft (new)
Prod.	5300'	7-7/8"	5-1/2"	J-55 (LT&C)	15.5#/ft (new)

4. Operator's Specification for Pressure Control Equipment:

- A. 2,000 psi W.P. Double Gate BOP or Single Gate BOP (Schematic attached).
- B. Functional test daily.
- C. All casing strings shall be pressure-tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. All ram-type preventors and related control equipment shall be tested at the rated working pressure of the stack assembly or at 70 percent of the minimum internal yield pressure of the casing, whichever is less. Tests shall be done at the time of installation, prior to drilling out, and weekly. All tests shall be for a period of 15 minutes.

5. Auxiliary Equipment:

- A. Kelly Cock - yes.
- B. Float at the bit - no.
- C. Monitoring equipment on the mud system - visually.
- D. Full opening safety valve on rig floor - yes.
- E. Rotating head - yes.

6. Proposed Circulating Medium:

<u>Depth</u>	<u>Mud Type</u>	<u>Density (lb./gal)</u>	<u>Viscosity</u>	<u>Water Loss</u>
0'- T.D.	Water; KCL Water; LSND	as needed		

7. Testing, Logging, and Coring Program:

- A. Cores - None anticipated.
- B. DST - none anticipated.
- C. Logging - CNL/FDC (TD to 3000').  
Dual Induction (TD to base of surface casing).

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

- D. Formation and Completion Interval: Green River, Uteland Butte & Wasatch interval, final determination of completion will be made by analysis of logs. Stimulation - Stimulation will be designed for the particular area of interest as encountered.
- E. Frac gradient - approximately .80 psi/ft.

8. Cementing Program:

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	200 sx	Class "G" w/2% CaCl <sub>2</sub> (based on 100% access)
Production	870 sx*	450 sx "Lite" followed by 420 sx 50/50 poz. mix.

Cement Characteristics:

Class "G" - yield = 1.18 cu.ft. per. sack  
weight = 15.8 lb./gal  
strength = 3200 psi in 72 hrs @135 degrees

\* Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

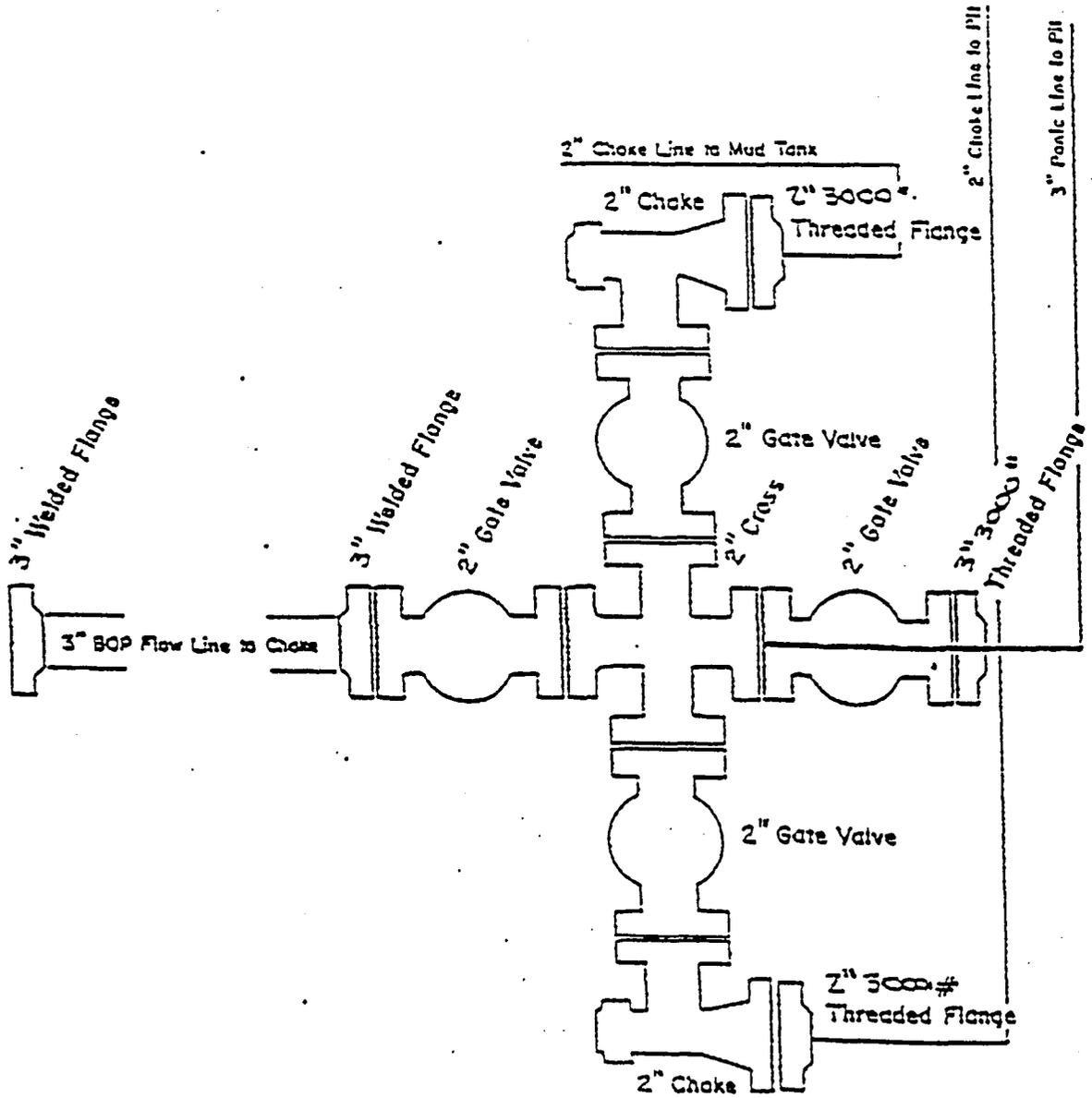
Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

9. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 1,600 psi (calculated at 0.301 psi/ft) and maximum anticipated surface pressure equals approximately 434 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

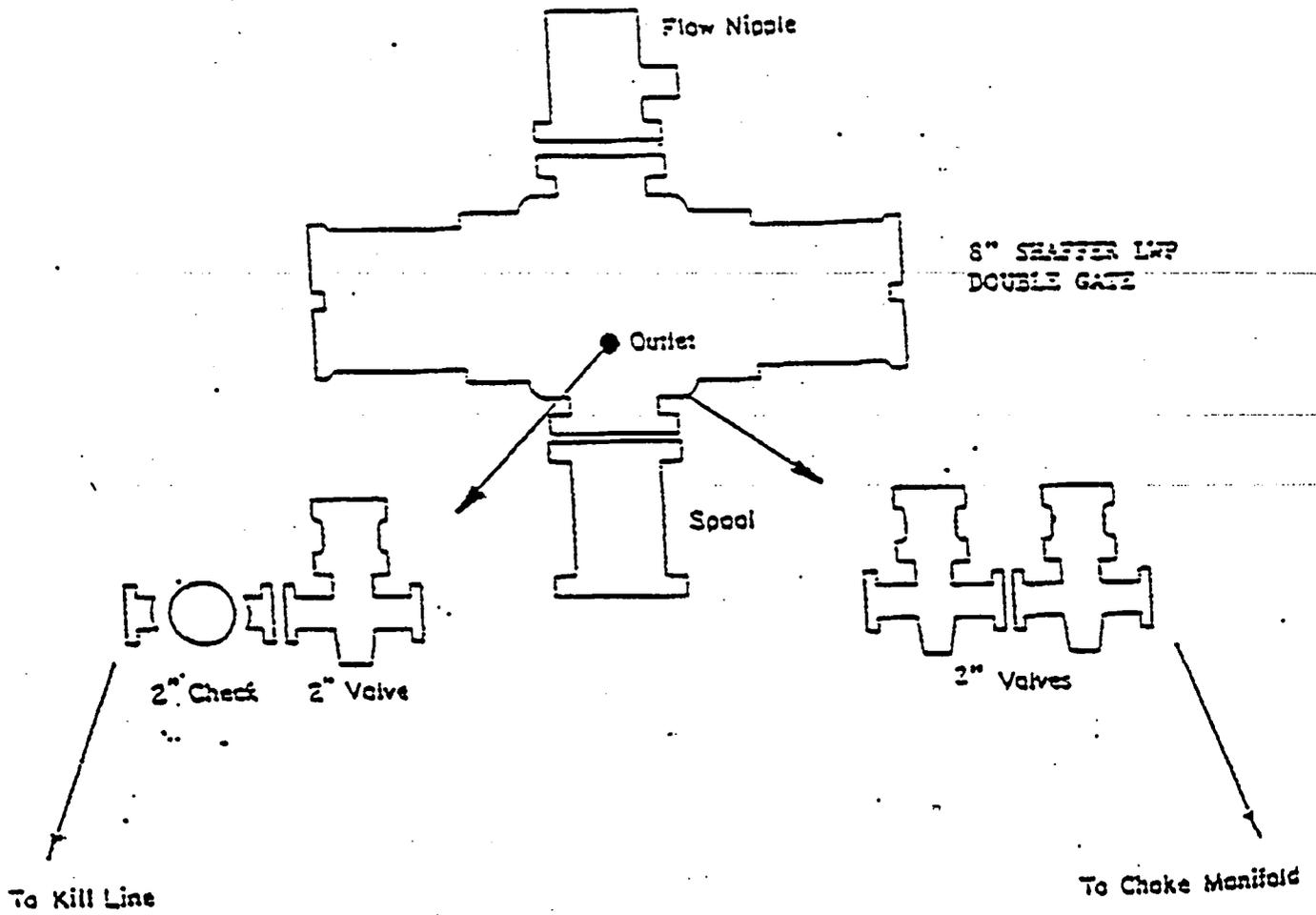
CHANDLER DRILLING

RIG NO.7



CHANDLER DRILLING

RIG NO.7





**II. SURFACE USE PLAN**  
**CHANDLER & ASSOCIATES, LLC.**  
**WRBU 8770 #16-19-10-17**

1. Existing Road:

- A. Topo Map "A" is the vicinity map, showing the access routes from Myton, Utah.
- B. Topo Map "B" shows the proposed access road to each individual well. It also shows existing roads in the immediate area.
- C. Occasional maintenance blading and storm repairs will keep roads in good condition.
- D. There shall be no mud blading on the access road. Vehicles may be towed through the mud provided they stay on the roadway.

2. Planned Access Roads:

The proposed access road, will be crowned, ditched, and dipped.

- A. Maximum grade will be 8% or less, unless otherwise stated.
- B. No turnouts will be required.
- C. Road surface material will be that native to the area.
- D. No cattle guard will be required.
- E. The proposed access road was flagged at the time the location was staked.
- F. The area authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- G. The back slopes of the proposed access roads will be no steeper than vertical or 1/4:1 in rock; and 2:1, elsewhere.

The operator or his contractor will notify the areas authorized officer at least 48 hours prior to commencement of any work on these locations, roadways, or pipelines.

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

3. Location of Existing Wells:

See Topo Map "C"

4. Location of Existing and/or Proposed Facilities:

- A. All Petroleum Production Facilities are to be contained within the proposed location sites.
- B. In the event that production of these wells is established, the following will be shown:
  - 1. Proposed location and attendant lines, by flagging, if off well pad.
  - 2. Dimensions of facilities.
  - 3. Construction methods and materials.
- C. The area used to contain the proposed production facilities will be built using native materials. If these materials are not acceptable, then other arrangements will be made to acquire them from private sources. These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.
- D. All permanent facilities placed on the locations shall be painted a non-reflective color which will blend with the natural environment.
- E. A dike shall be constructed around the tank battery, of sufficient capacity to adequately contain at least 110 percent of the storage capacity of the largest tank within the dike.
- F. All buried pipelines shall be covered to a depth of 3 feet except at road crossings where they shall be covered to a depth of 4 feet.
- G. Construction width of the right-of way/pipeline route shall be restricted to 30 feet of disturbance.

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

H. Pipeline location warning signs shall be installed within 90 days upon completion of construction.

5. Location and Type of Water Supply:

Water will be obtained from a Spring located in Section 34, T3S, R2W, U.S.B.&M. which is Operated by Nebeker Trucking (Permit #43-1723) and transported by Nebeker Trucking Co. along the access roads which are shown on the attached maps.

6. Source of Construction Materials:

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads from the area. No special access other than for drilling operations and pipeline construction is needed.

B. All disturbance for this well site is located on B.L.M. Lands.

All Construction material for these location sites and access roads shall be borrow material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, but if it is required, the appropriate actions will be taken to acquire it from private sources.

7. Methods for Handling Waste Disposal:

A. Drill cuttings will be buried in the reserve pit when covered.

B. Drilling fluids will be contained in the reserve pit.

C. Any hydrocarbon liquids produced while production testing will be contained in a test tank. Any unavoidable spills of oil or other adverse substances or materials will be removed immediately during drilling progress or during completion operations.

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

- D. Portable chemical toilets will be provided and serviced by a local commercial sanitary service.
- E. Garbage and trash will be collected in a trash cage and its contents hauled to a sanitary landfill.

All wastes caused by the construction activities shall be promptly removed and disposed of in a sanitary landfill or as directed by the authorized officer.

- F. Prior to commencement of drilling, the reserve pit will be fenced on three sides using 39-inch net wire with at least one (1) strand of barbed wire. All wire is to be stretched before attaching to corner posts. When drilling activities are completed it will be fenced on the fourth side and allowed to dry (if liquids are present). After drying, the fences will be removed and the pit shall be buried. Reclamation will be undertaken no later than the fall of the year after all drilling activity has ceased.

8. Ancillary Facilities:

No air strips, camps, or other living facilities will be built off the location. Housing and office trailers will be on the location as seen on the location layout.

9. Well Site Layout:

- A. See attached cutsheet.
- B. The areas authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- C. The reserve pit will be lined with a 12ml. liner prior to any drilling activity.
- D. Topsoil shall be stripped to a depth of 6 inches and stockpiled as shown on the location layout plat. (Windrow along north side of pad).
- E. The back slopes of the locations will be no steeper than vertical or 1/4:1 in rock, and 2:1 elsewhere.

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

- F. The upper edges of all cut banks on the access roads and well pads will be rounded.

10. Plans for Restoration:

- A. Immediately upon completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- B. Before any dirt work to restore the location takes place, the reserve pit must be completely dry. The reserve pit will be reclaimed within 90 days from the date of well completion.
- C. The area officer shall be notified at least 48 hours prior to commencing reclamation work.
- D. All disturbed areas will be seeded with the a mixture which is found suitable by the B.L.M.
- E. The seed bed will be prepared by discing, following the natural contour. Drill seed on contour at a depth no greater than ½ inch. In areas that cannot be drilled, the seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed is recommended.
- F. Fall seeding will be completed after September, and prior to prolonged ground frost.
- G. If the well is a producer, access roads will be upgraded and maintained as necessary to prevent soil erosion, and accommodate year round traffic. Areas unnecessary to operations will be reshaped, topsoil distributed, and seed distributed according to the above mixtures. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

- H. If the well is abandoned or is a dry hole, the access road and location will be restored to approximate the original contours. During reclamation of the site the fill material will be pushed into cuts and up over the backslope. No depressions will be left that would trap water or form ponds. Topsoil will be distributed evenly over the location and seeded according to the above mixture. The access road and the location shall be ripped or disced prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.
- I. Annual or noxious weeds shall be controlled on all disturbed areas. Method of control shall be by an approved mechanical method or an Environmental Protection Agency (EPA) registered herbicide. All herbicide application proposals must be approved. Application of herbicides must be under direct field supervision of an EPA certified pesticide applicator.

11. Other Information:

- A. The area is used by man for the primary purpose of grazing domestic livestock.

All activity shall cease when soils or road surfaces become saturated to a depth of three inches, unless otherwise approved by the Authorized Officer.

If any fossils are discovered during construction, the operator shall cease construction immediately and notify the Authorized Officer so as to determine the significance of the discovery.

- B. A Class III cultural resource inventory has been completed prior to disturbance by a qualified professional Archaeologist.
- C. The State considers the development of groundwater resources to be necessary and frequently indispensable to effective land management. Therefore, any groundwater intercepted by the party conducting mineral exploration shall be reported to the authorized officer immediately including approximate quantities and a sample in a sealed quart container. The State shall have the first opportunity to file State water rights for the

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

intercepted groundwater. The undersigned may file for water rights only with a written waiver from the State.

- D. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

whether the materials appear eligible for the National Register of Historic Places;  
the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and a time frame for the AO to complete an expedited review under 36 CFR 800-11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, an operator will then be allowed to resume construction.

Chandler & Associates, LLC.  
WRBU 8770 #16-19-10-17

E. Less than 10,000 pounds of any chemical(s) from EPA's Consolidated list of Chemicals Subject to Reporting Under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986, and less than threshold planning quantity (TPQ) of any extremely hazardous substances(s), as defined in 40 CFR, would be used, produced, transported, stored, disposed, or associated with the proposed action.

12. Lessee's or Operator's Representative:

Mr. Terry J. Cox  
Vice President of Operations/Production  
Chandler & Associates, Inc.  
475 Seventeenth Street  
Suite 1000  
Denver, Colorado 80202  
Telephone #(303)295-0400

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite(s) and access route(s); that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by **Chandler & Associates, Inc.**, and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provision of 18 U.S.C. 1001 for the filing of a false statement.

7-27-99  
Date

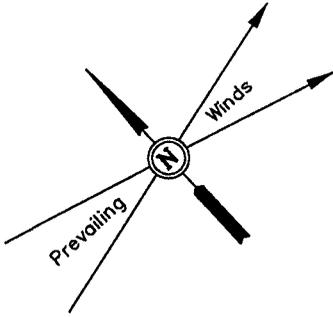
  
Tracy D. Henline  
Agent



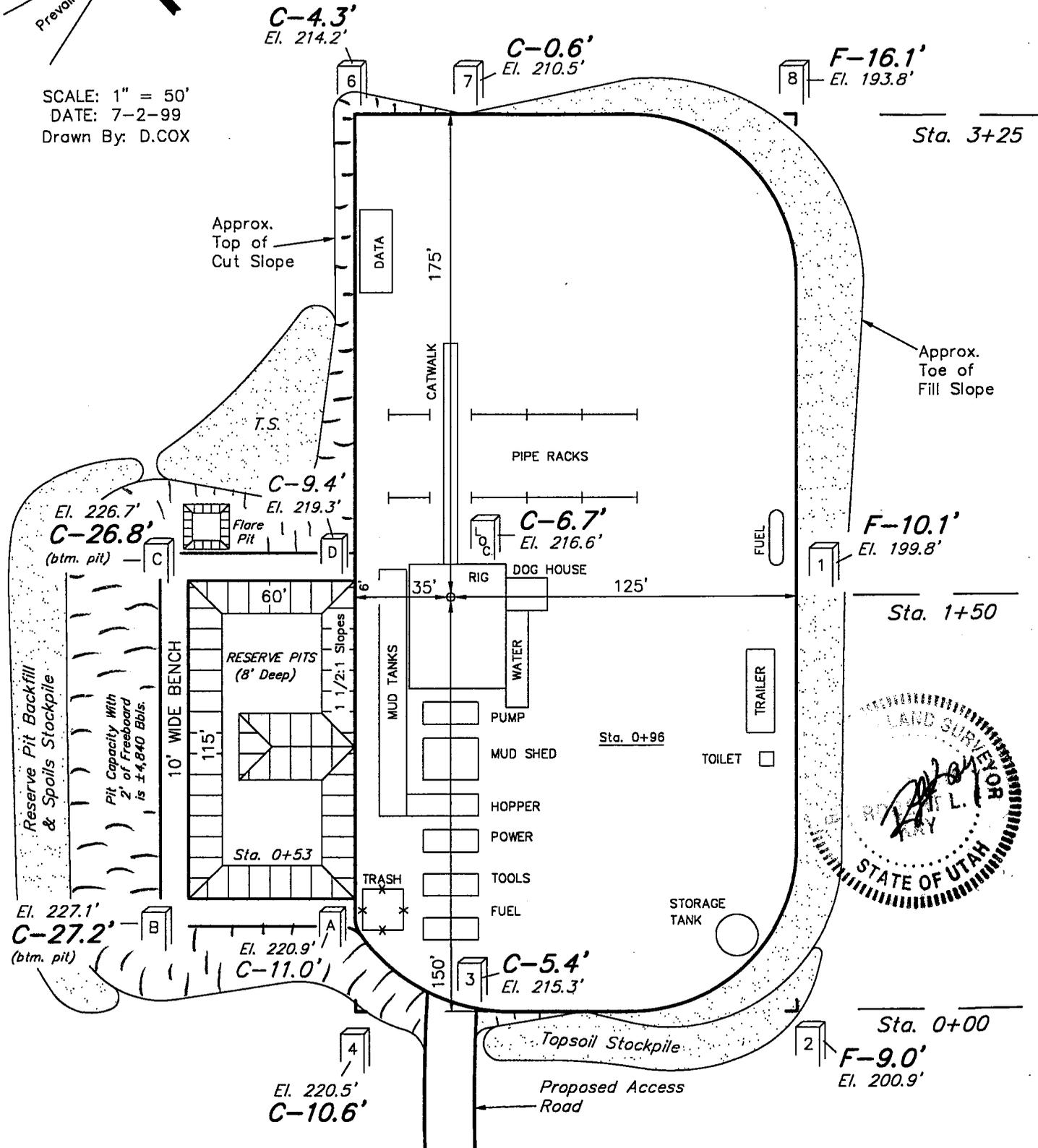
CHANDLER & ASSOCIATES, LLC.

LOCATION LAYOUT FOR

WRBU 8770 #16-19-10-17  
SECTION 19, T10S, R17E, S.L.B.&M.  
623' FSL 580' FEL



SCALE: 1" = 50'  
DATE: 7-2-99  
Drawn By: D.COX

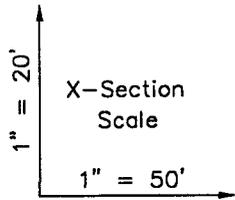


Elev. Ungraded Ground at Location Stake = 6216.6'  
Elev. Graded Ground at Location Stake = 6209.9'

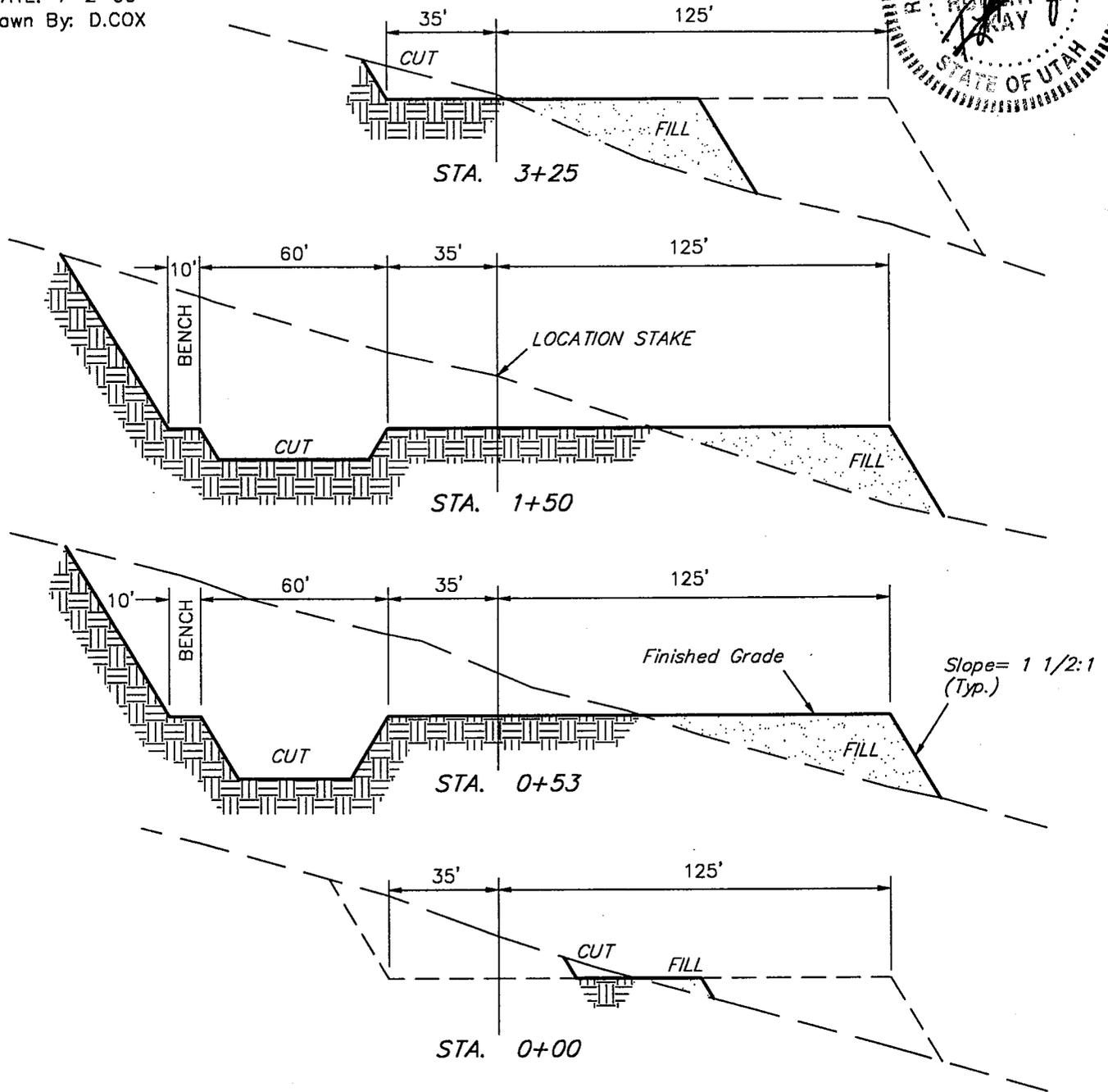
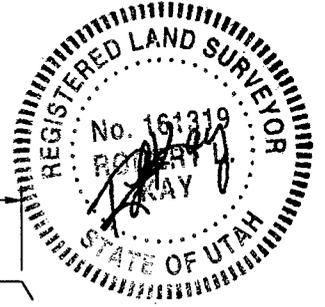
# CHANDLER & ASSOCIATES, LLC.

## TYPICAL CROSS SECTIONS FOR

WRBU 8770 #16-19-10-17  
SECTION 19, T10S, R17E, S.L.B.&M.  
623' FSL 580' FEL



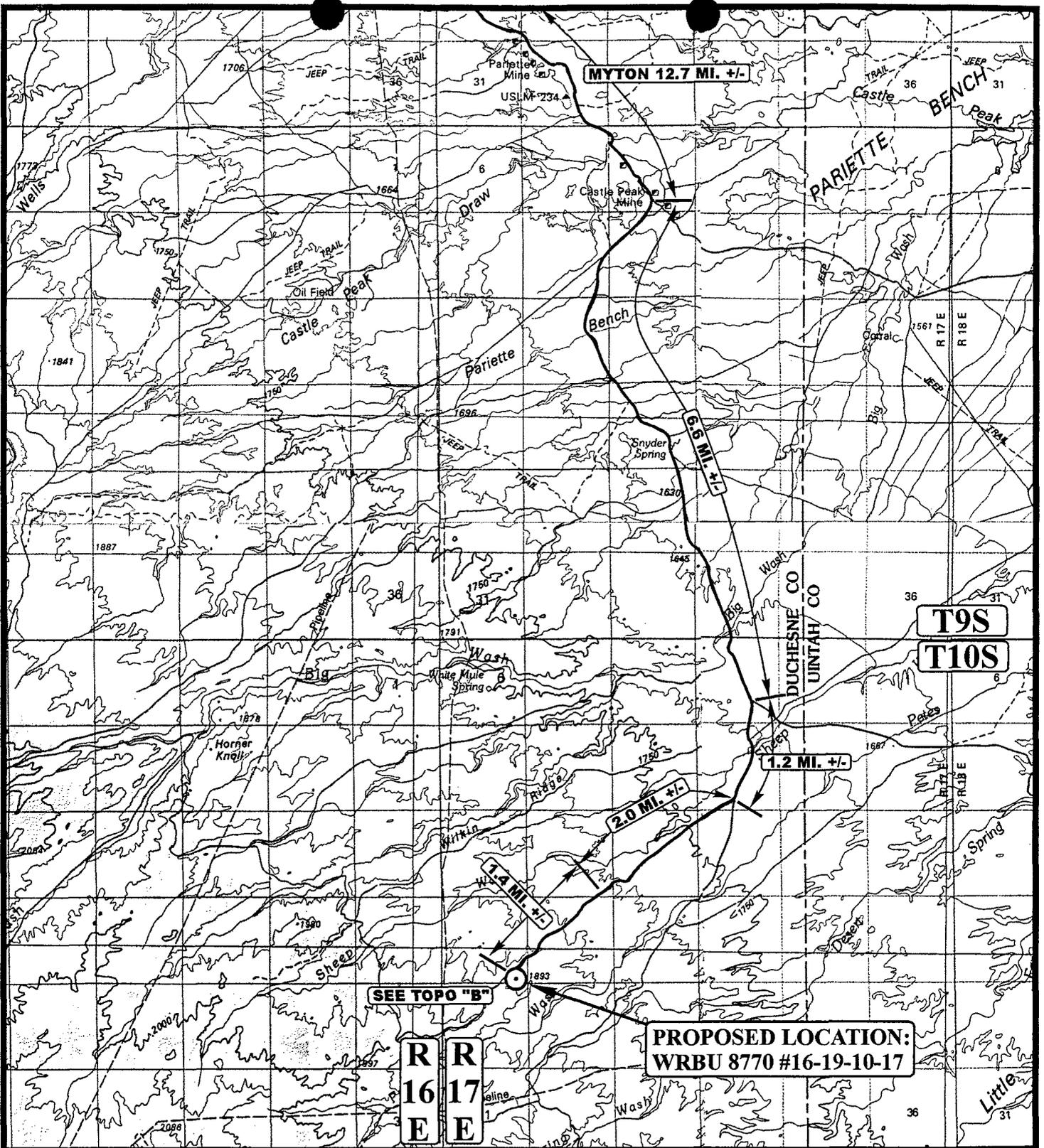
DATE: 7-2-99  
Drawn By: D.COX



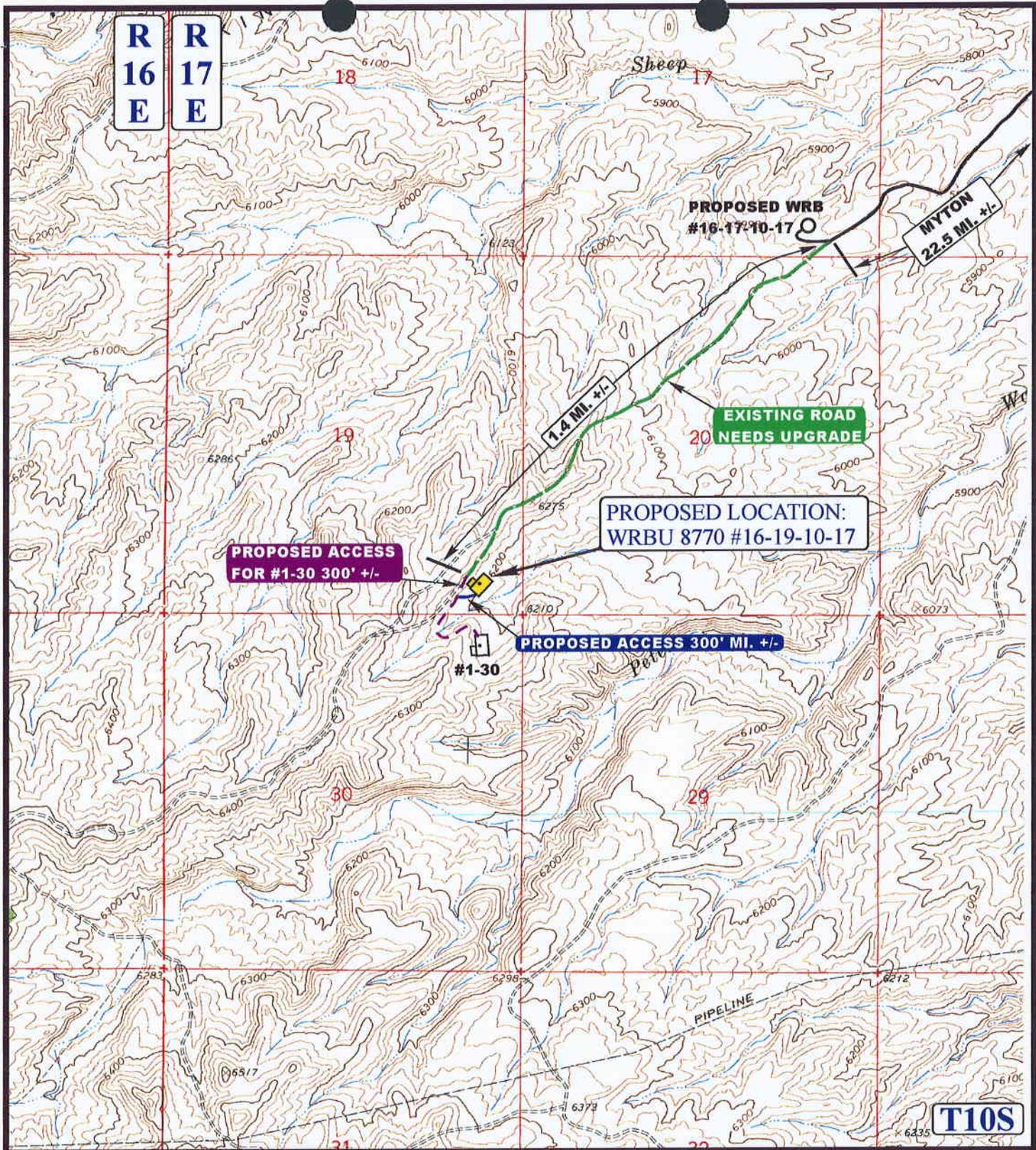
### APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,090 Cu. Yds.
Remaining Location	=	10,810 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>11,900 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>9,570 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	1,830 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,830 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



<b>LEGEND:</b>				<b>CHANDLER &amp; ASSOCIATES, LLC.</b>	
 PROPOSED LOCATION				WRBU 8770 #16-19-10-17 SECTION 19, T10S, R17E, S.L.B.&M. 623' FSL 580' FEL	
	Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813			TOPOGRAPHIC MAP	
				7 2 99 MONTH DAY YEAR	
			SCALE: 1 : 100,000		DRAWN BY: J.L.G.
			REVISED: 00-00-00		



**R 16  
E**   **R 17  
E**

**T10S**

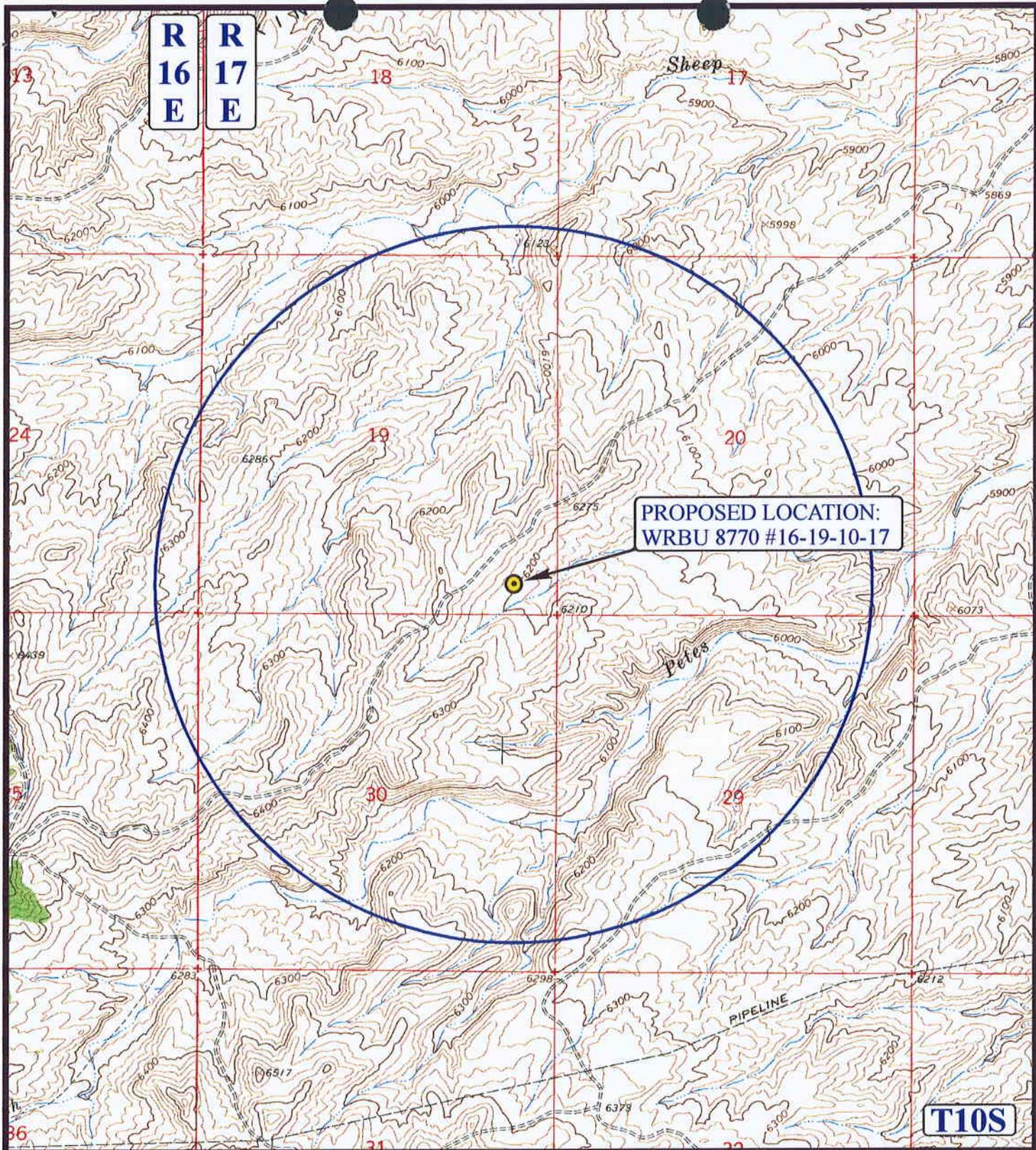
**LEGEND:**  
 - - - - - PROPOSED ACCESS ROAD  
 ——— EXISTING ROAD

**CHANDLER & ASSOCIATES, LLC.**  
 WRBU 8770 #16-19-10-17  
 SECTION 19, T10S, R17E, S.L.B.&M.  
 623' FSL 580' FEL

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**   **7**   **2**   **99**  
 MONTH   DAY   YEAR  
 SCALE: 1" = 2000'   DRAWN BY: J.L.G.   REVISED: 00-00-00   **B**  
 TOPO



**PROPOSED LOCATION:  
WRBU 8770 #16-19-10-17**

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ⊖ SHUT IN WELLS
- ⊕ WATER WELLS
- ⊖ ABANDONED WELLS
- ⊖ TEMPORARILY ABANDONED

**CHANDLER & ASSOCIATES, LLC.**

**WRBU 8770 #16-19-10-17  
SECTION 19, T10S, R17E, S.L.B.&M.  
623' FSL 580' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

**7 2 99**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/28/1999

API NO. ASSIGNED: 43-013-32130

WELL NAME: WRBU 8770 16-19-10-17  
 OPERATOR: CHANDLER & ASSOCIATES INC (N3320)  
 CONTACT: Terry Cox (303) 295-0400 or Tracy Hestline

PROPOSED LOCATION:  
 SESE 19 - T10S - R17E  
 SURFACE: 0623-FSL-0580-FEL  
 BOTTOM: 0623-FSL-0580-FEL  
 DUCHESNE COUNTY  
 UNDESIGNATED FIELD (002)

INSPECT LOCATN BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED  
 LEASE NUMBER: U-75083  
 SURFACE OWNER: Federal

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed  Ind  Sta  Fee  
 (No. 124290364)

Potash (Y/N)

Oil Shale (Y/N) \*190-5(B)

Water Permit  
 (No. 43-1723)

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

Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit West River Bend

R649-3-2. General

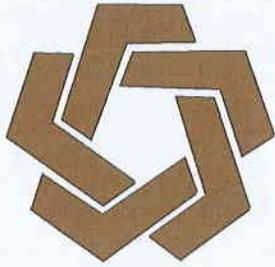
R649-3-3. Exception

Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Date: \_\_\_\_\_

R649-3-11. Directional Drill

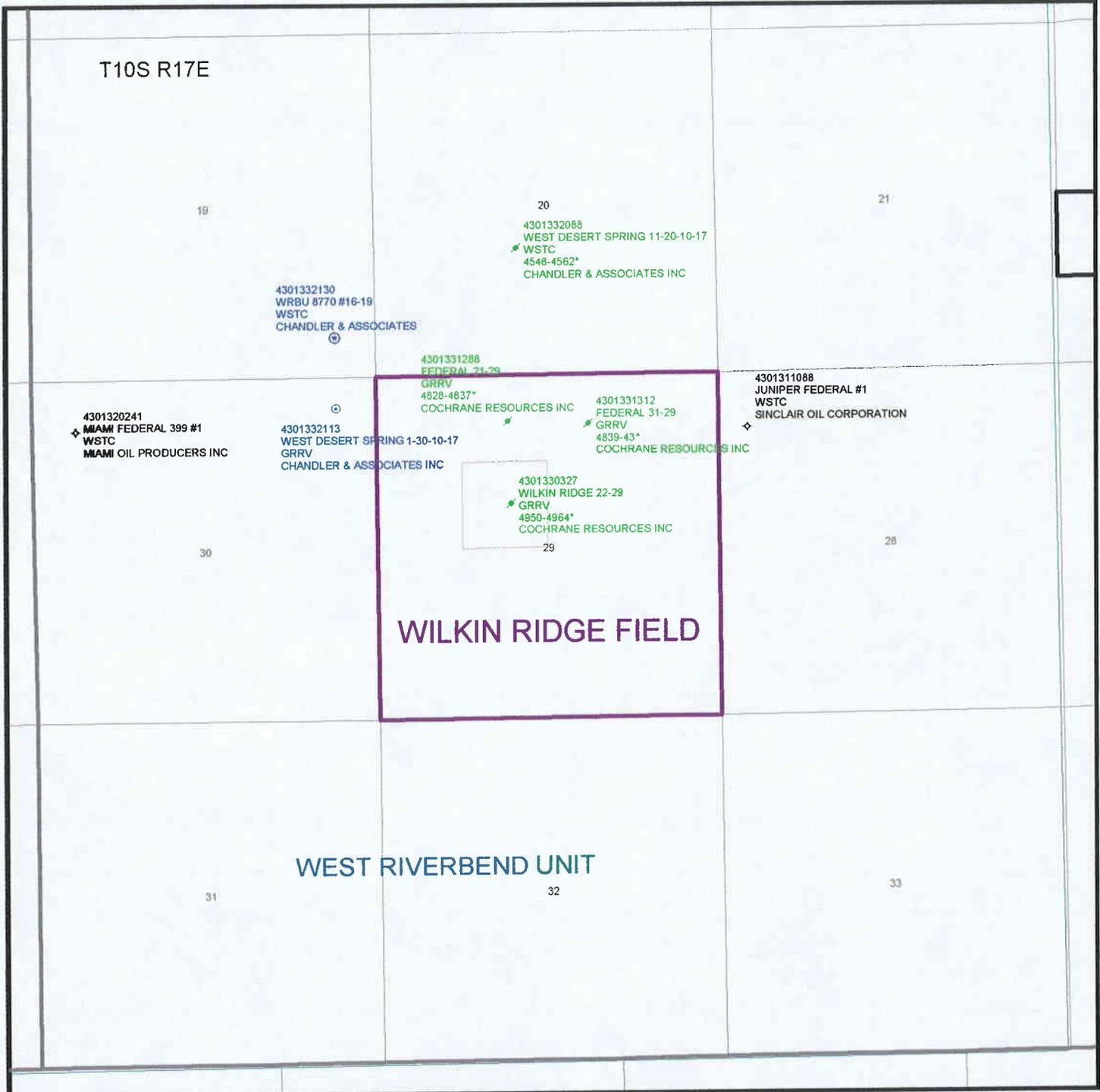
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: ① FEDERAL APPROVAL  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Division of Oil, Gas & Mining

OPERATOR: CHANDLER & ASSOCIATES (N3320)  
FIELD: UNDESIGNATED (002)  
SEC. 19, TWP 10 S, RNG 17 E,  
COUNTY: DUCHESNE UNIT: WEST RIVER BEND



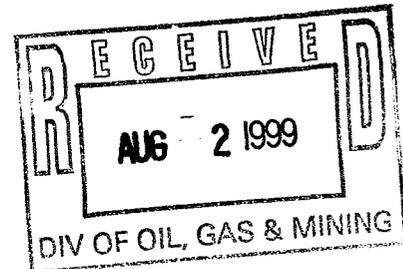
# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

<date>



### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 1999 Plan of Development West River Bend Unit Duchesne County,  
Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 1999 within the West River Bend Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
43-013-32130	WRBU 8770 16-19-10-17	0623-FSL 0580-FEL 19 10S 17E

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

/s/ Michael L. Coulthard

bcc: File - West River Bend  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:<date>-<date>-<date>





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

August 2, 1999

Chandler & Associates, LLC  
475 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

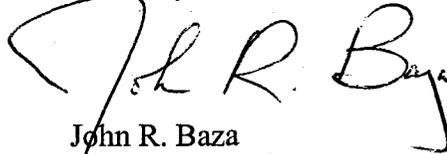
Re: WRBU 8770 #16-19-10-17 Well, 623' FSL, 580' FEL, SE SE, Sec. 19, T. 10 S., R. 17 E.,  
Duchesne County, Utah

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 43-013-32130.

Sincerely,



John R. Baza  
Associate Director

lwp

Enclosures

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

**Operator:** Chandler & Associates, LLC

**Well Name & Number:** WRBU 8770 #16-19-10-17

**API Number:** 43-013-32130

**Lease:** Federal      **Surface Owner:** Federal

**Location:** SE SE      **Sec.** 19      **T.** 10 S.      **R.** 17 E.

### 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 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Chandler & Associates, LLC  
 (303) 295-0400

3. ADDRESS AND TELEPHONE NO.  
 475 Seventeenth Street, Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 623' FSL 580' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 See Topo Map "A" (attached)

15. LOCATION FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 623'

16. NO. OF ACRES IN LEASE  
 1917.68

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 3500'

19. PROPOSED DEPTH  
 5300'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6217' GR

22. APPROX. DATE WORK WILL START\*  
 A.S.A.P.

5. LEASE DESIGNATION AND SERIAL NO.  
 U-75083

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

7. UNIT AGREEMENT NAME  
 West River Bend

8. FARM OR LEASE NAME, WELL NO.  
 WRBU 8770 #16-19-10-17

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 West River Bend

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Sec. 19, T10S, R17E, SLB&M

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

RECEIVED  
JUL 28 1999

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	36#	300'	(See attached drilling plan)
7 7/8"	5 1/2"	15.5#	5300'	(See attached drilling plan)

- M.I.R.U.
- Drill to T.D. 5300'
- Run 5 1/2" casing if commercial production is indicated
- If dry hole, well will be plugged and abandoned as instructed by the B.L.M.
- Well will be drilled with water; KCL water; LSND as needed to T.D.

I hereby certify that Chandler & Associates, LLC is responsible by the terms and conditions of the lease to conduct lease operations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Chandler & Associates, Inc., B.L.M. Bond #124290364 with CNA.

RECEIVED  
AUG 30 1999  
DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Tracy D. Henline TITLE Agent for Chandler DATE July 27, 1999

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL IF ANY:  
 APPROVED BY Thomas B. Cleavage Assistant Field Manager  
 Mineral Resources DATE 8/26/99

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Chandler & Associates LLC.

Well Name & Number: WRBU 16-19-10-17

API Number: 43-013-32130

Lease Number: UTU-75083

Location: SESE Sec. 19 T. 10S R. 17 E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at  $\pm 2032$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to **1832 ft.** and will be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. **One** copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for



more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert Petroleum Engineer	(435) 789-4170
Ed Forsman Petroleum Engineer	(435) 789-7077
Jerry Kenczka Petroleum Engineer	(435) 781-1190
BLM FAX Machine	(435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM  
Conditions of Approval (COA)

Location of Existing and/or Proposed Facilities

All production facilities shall be painted an earthtone Desert Brown (10YR 6/3) to blend with the surrounding vegetation within six (6) months of well completion.

The material for construction of the containment dike around the tank battery shall be nonpermeable subsoils and at no time shall top soils be used for this construction.

If a pipeline is requested for this location additional authorization will be necessary.

Plans For Reclamation Of Location

All seeding for reclamation operations at this location shall use the following seed mixture:

black sage	Artemisia nova	3 lbs/acre
galleta grass	Hilaria jamesi	3 lbs/acre
bottlebrush squirreltail	Elymus elymoides	2 lbs/acre
shadscale	Atriplex confertifolia	4 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD. A portion of the stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness and the area seeded.

Upon final abandonment if additional recontouring is needed for previously reclaimed areas, the topsoil shall be removed prior to the final recontouring.

For final abandonment all topsoil shall be spread over the recontoured surface and the soils seeded.

If the location is to be a producing well the pump unit will be equipped with a multicylinder engine or a "hospital" type muffler to reduce noise to raptors.

According to the timeframes listed on the following chart and prior to development activities, a detailed survey of the area within 300 feet either side of the center line of a proposed development route will be made by BLM or a qualified biologist to detect the presence of plovers.

Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

Starting Date of Construction or Drilling Activity	Number of Surveys
From March 15 through April 15	1
From April 16 through July 15	2
From July 16 through August 15	1

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CHANDLER & ASSOCIATES

Well Name: WRBU 8770 16-19-10-17

Api No. 43-013-32130 Lease Type: FEDERAL

Section 19 Township 10S Range 17E County DUCHESNE

Drilling Contractor \_\_\_\_\_ RIG # \_\_\_\_\_

SPUDDED:

Date 09/18/99

Time 3:30 PM

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by DENNIS INGRAM

Telephone # 1-435-722-7584

Date 9/23/99 Signed: CHD

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR Chandler & Associates, LLC  
 ADDRESS 475 17th Street, Suite 1000  
Denver, CO 80202-4016

OPERATOR ACCT. NO. M 3320

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					TD	SC	TY	NG	COUNTY			
A	99999	12497	43-013-32130	W. River Bend	8770	SESE	19	10	17	Duchesne	9-18-99	11-8-99
WELL 1 COMMENTS: <u>991109 entity added; (West Riv Bend) KDR</u> <u>Operations on this well are suspended indefinitely.</u>												
WELL 2 COMMENTS: <u>To: Crestin Rizbeck</u> <u>From: Jane Powell</u> <u>Chandler &amp; Assoc.</u> <u>Rangely, CO</u>												
WELL 3 COMMENTS:												
WELL 4 COMMENTS:												
WELL 5 COMMENTS:												

- ACTION CODES** (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - D - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Jean Livingston jlp  
 Signature  
 Oper. Supervisor 11-8-99  
 Title Date  
 Phone No. 19701 675-8451

PAGE.001/001

TO UTAH OGM

FROM CHANDLER - RANGELY

NOV 8 '99 14:11

\*\* TOTAL PAGE.001 \*\*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3100  
U-058 et al  
(UT-932)

JUN 5 2000

### NOTICE

Shenandoah Operating Company, LLC : Oil and Gas Leases  
475 17<sup>th</sup> Street, Suite 1000 :  
Denver, CO 80202 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Chandler & Associates, LLC to Shenandoah Operating Company, LLC on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

A rider to statewide Surety Bond No. 124 29 03 64 (BLM Bond No. UT0969) changing the name on the bond from Chandler & Associates, LLC to Shenandoah Energy Inc. has been accepted by this office effective January 26, 2000. However, the rider makes no mention of Shenandoah Operating Company, LLC. A rider to the above bond adding the name of Shenandoah Operating Company, LLC needs to be submitted to this office.

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

RECEIVED

JUN 06 2000

DIVISION OF  
OIL, GAS AND MINING



PENDRAGON ENERGY PARTNERS, INC.  
621 17th Street, Suite 750 • Denver, CO 80293 • (303) 296-9402 Fax (303) 296-9410

FACSIMILE TRANSMITTAL

COVER SHEET

DATE: 11/7/00 TIME: 10:25

TO: Carol Daniels

COMPANY: 359-

FAX #: 801-~~801~~-3940

FROM: Janeen

COMPANY: \_\_\_\_\_

FAX #: \_\_\_\_\_

NO. OF PAGES (including cover): 2

MESSAGE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If you have any questions regarding the facsimile you have just received, please call us at (303) 296-9402.

Janeen  
Signature



API# 43-013-32130  
TIO R17E Sec 19

file ✓

9/18,19,20/99

Uintah County, Utah:

Glen Bench Unit 15-18-8-22: Waiting on APD approval

Duchesne County:

WRBU 8770 #16-19-10-17: On 9/17/99 finish location work. On 9/18/99 MIRU Bill Martin rat hole rig. Spud 12-1/4" hole at 3:30PM on 9/18/99. Drill 12-1/4" hole to 325' GL with air. No water encountered. RIH with 7 jts. new 9-5/8" ST&C J-55 casing as follows: guide shoe, 1 jt., baffle and 6 jts. to surface. Total of 318' of csg. Baffle at 271' GL. Used 4 centralizers. MIRU BJ Services and cement surface casing as follows: Pump 30 bbl. gelled water, 5 bbl. fresh water and cement with 200 sxs. "G" with 2% CaCl and 1/4# flocele. Displace rubber plug with 21 bbl. of fresh water. Est. full returns with 100 sxs. cement to surface. Hole standing full with good cement. Bump plug at 3:00AM on 9/19/99. Drill rat and mouse hole for rig #7. RDMO Bill Martin and BJ. Will install cellar and csg. head the week of 9/20/99 and wait on drilling rig. Ed Foresman, Vernal BLM was notified of potential spud and cement on 9/18/99. Will notify State of Utah and send in details to BLM on 9/20/99. RDUFA. DC and cum: Bill Martin=\$8100; BJ=\$4200; Casing=\$3800; Water=\$700; Transportation=\$300; Casing head=\$750; Welder=\$400; Sup=\$350; Staking and surveys=\$4000; Liner and fence=\$2500; Location const=\$18,000 DC and cum through MI of drilling rig=\$43,000.

Post-it* Fax Note	7671	Date	11-2-00	# of pages	2
To	Scott Wobb	From	Jane Pennell		
Co./Dept	Power	Co.	Red Wash		
Phone #		Phone #			
Fax #		Fax #			

No Sundry filed after spud

Benny Muth of Vernal BLM  
Does have spud notice on record.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U - 75083

6. If Indian, Altioba or Tribe Name:

7. Unit Agreement Name

WEST RIVER BEND UNIT

8. Well Name and Number:

WRBU 8770 #16-19-10-17

9. API Well Number:

43-013-32130

10. Field and Pool, or Wildcat:

WILDCAT

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

PENDRAGON ENERGY PARTNERS, INC.

3. Address and Telephone Number:

621 17TH STREET, #750, DENVER, CO 80293 (303) 296-9402

4. Location of Well

Footages: 623' FSL, 580' FEL,

DQ, Sec., T., R., M.: SE SE Section 19, T10S, R17E

County: DUCHESNE

State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other CHANGE OF OPERATOR
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

OPERATOR CHANGED FROM SHENANDOAH ENERGY, INC. (FORMERLY CHANDLER & ASSOCIATES, INC.) TO PENDRAGON ENERGY PARTNERS, INC. EFFECTIVE MARCH 1, 2000.

BE ADVISED THAT PENDRAGON ENERGY PARTNERS, INC. IS CONSIDERED TO BE THE OPERATOR OF THE ABOVE DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASES FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF. BOND COVERAGE FOR THESE LEASES IS PROVIDED BY STATEWIDE BOND RLBO001758, PRINCIPAL, PENDRAGON ENERGY PARTNERS, INC.

13.

Name & Signature:

ALAN B. NICOL

Title:

PRESIDENT

Date: 11-2-00

(This space for State use only)

RECEIVED

NOV 07 2000

DIVISION OF  
OIL, GAS AND MINING

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

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.                  Use APPLICATION FOR PERMIT -- for such proposals</p>		6. Lease Designation and Serial Number <i>U-75083</i>
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement <i>West River Bend Unit</i>
		9. Well Name and Number <i>West River Bend Unit# 16-19-10-17</i>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number <i>43-013-32130</i>
2. Name of Operator <i>SHENANDOAH ENERGY INC.</i>		11. Field and Pool, or Wildcat <i>Wildcat</i>
3. Address of Operator <i>475 17TH STREET DENVER CO 80202</i>	4. Telephone Number <i>303-295-0400</i>	
5. Location of Well Footage : 623' FSL & 580' FEL     County : <i>Duchesne</i> QQ, Sec. T., R., M : SESE Section 19, T10S, R17E     State : <i>Utah</i>		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

<p align="center"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <i>Change of Operator</i></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.                  * Must be accompanied by a cement verification report.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <i>Change of Operator</i>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <i>Change of Operator</i>																											

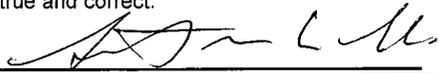
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

*Effective 3/1/200 Shenandoah EnergyInc. Has resigned as Operator of this well.*

*Shenandoah Energy Inc., operated this well under BLM Statewide Bond # UT-0969.*

*Pendragon Energy Partners, Inc. will assume responsibility for operations under the terms and conditions of the leases.*

14. I hereby certify that the foregoing is true and correct.

Name & Signature Scott M. Webb  Title Reg. Coordinator Date 11/07/2000

(State Use Only)

**RECEIVED**

NOV 13 2000

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

November 15, 2000

Shenandoah Energy Inc.  
475 17th Street  
Denver, CO 80202

Re: Well No. WRBU 16-19-10-17  
SESE, Sec. 19, T10S, R17E  
Lease UTU-75083  
Uintah County, Utah

*43-013-32130*

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. We have also received the Sundry stating Shenandoah Energy Inc. has resigned as operator and Pendragon Energy Partners, Inc. would assume responsibility for this well.

Pendragon Energy Partners, Inc. submitted a Sundry with a self-certification statement. After a review by this office, the changes in operator request are approved. Effective immediately, Pendragon Energy Partners, Inc. will now be responsible for all operations performed on the referenced well.

If you have any other questions concerning this matter, please contact Margie Herrmann or Leslie Crinklaw of this office at (435) 781-4410.

Sincerely,

Ed Forsman  
Petroleum Engineer  
Minerals Resources

cc: Division Oil, Gas & Mining



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

November 15, 2000

Pendragon Energy Partners, Inc.  
621 17th Street, Ste 750  
Denver, CO 80293

Re: Well No. WRBU 16-19-10-17  
SESE, Sec. 19, T10S, R17E  
Lease UTU-75083  
Uintah County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Pendragon Energy Partners, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1167, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Leslie Crinklaw of this office at (435) 781-4410.

Sincerely,

Ed Forsman  
Petroleum Engineer  
Minerals Resources

cc: Division Oil, Gas & Mining  
Shenandoah Energy, Inc.

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

AMENDED REPORT (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER [ ]
1b. TYPE OF WORK: NEW WELL [ ] HORIZ. LATS. [ ] DEEP-EN [ ] RE-ENTRY [ ] DIFF. RESVR. [ ] OTHER T A
2. NAME OF OPERATOR: PENDRAGON ENERGY PARTNERS, INC.
3. ADDRESS OF OPERATOR: 621 17TH STREET, STE. #750 CITY DENVER STATE CO ZIP 80293 PHONE NUMBER: (303) 296-9402
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 623' ESL, 580' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW AT TOTAL DEPTH:

5. LEASE DESIGNATION AND SERIAL NUMBER: U - 75083
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT or CA AGREEMENT NAME: WEST RIVER BEND UNIT
8. WELL NAME and NUMBER: WRBU 8770 #16-19-10-17
9. API NUMBER: 43-013-32130-00
10. FIELD AND POOL, OR WLD CAT: WILDCAT
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/SE 19, T10S - R17E
12. COUNTY: DUCHESNE 13. STATE: UTAH

14. DATE SPUDDED: 9/18/99 15. DATE T.D. REACHED: 9/19/99 16. DATE COMPLETED: 9/20/99 TEMP. ABANDONED [X] READY TO PRODUCE [ ]
18. TOTAL DEPTH: MD 325' TVD 19. PLUG BACK T.D.: MD 318' TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? - 0 - 21. DEPTH BRIDGE MD PLUG SET: TVD

17. ELEVATIONS (DF, RKB, RT, GL):
23. WAS WELL CORED? NO [X] YES [ ] (Submit analysis)
WAS DST RUN? NO [X] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [X] YES [ ] (Submit copy)

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) NONE

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

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED. Row 1: 12-1/4", 9-5/8" ST & G, J-55 36#, 318', 200 SX CLASS "G" w/2% CaCl2 1/4# floccle, SURFACE.

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Multiple empty rows.

26. PRODUCING INTERVALS

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Rows (A) through (D).

27. PERFORATION RECORD

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

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Multiple empty rows.

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

TA

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

AMENDED REPORT  FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:  
PENDRAGON ENERGY PARTNERS, INC.

3. ADDRESS OF OPERATOR: 621 17TH STREET, STE. #750  
CITY DENVER STATE CO ZIP 80293 PHONE NUMBER: 303) 296-9402

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U - 75083

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME  
WEST RIVER BEND UNIT

8. WELL NAME and NUMBER:  
WRBU 8770 #16-19-10-17

9. API NUMBER:  
43-013-32130-00

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 623' ESL, 580' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW

AT TOTAL DEPTH:

13. STATE UTAH

NSHIP, RANGE, - R17E

KB, RT, GL:

MD

TVD

14. DATE SPUDDED: 9/18/99

15. DATE T.D. REACHED: 9/19/99

16. DATE COMPLETED: 9/20/99

TEMP ABANDONED  READY TO PROD

18. TOTAL DEPTH: MD 325' TVD

19. PLUG BACK T.D.: MD 318' TVD

20. IF MULTIPLE COMPLETIONS, HOI - 0 -

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
NONE

23. WAS WELL CORED? NO  YES   
WAS DST RUN? NO  YES   
DIRECTIONAL SURVEY? NO  YES

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/L)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP <sup>TM</sup>	AMOUNT PULLED
12-1/4"	9-5/8" ST & C			318'		200 SX CLASS "G" w/2% CaCl		SURFACE	
	J-55 3/4"					1/4# floccle			

25. TUBING RECORD

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

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER:

30. WELL STATUS: TA

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #25)

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

INTERVAL B (As shown in Item #25)

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

INTERVAL C (As shown in Item #25)

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

INTERVAL D (As shown in Item #25)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) ALAN B. NICOL TITLE PRESIDENT  
 SIGNATURE *Alan B. Nicol* DATE NOVEMBER 14, 2000

This report must be submitted within 30 days of

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

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

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

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

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



**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS	<input checked="" type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-SJ	<input checked="" type="checkbox"/>
3. JLT		6-FILE	

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **3/1/2000**

<b>FROM:</b> (Old Operator):
SHENANDOAH ENERGY INC
Address: 475 17TH STREET
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account No. N4235

<b>TO:</b> ( New Operator):
PENDRAGON ENERGY PARTNERS INC
Address: 621 17TH STREET # 750
DENVER, CO 80293
Phone: 1-(303)-296-9402
Account No. N2965

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
WRBU 8770 16-19-10-17	43-013-32130	12497	19-10S-17E	FEDERAL	GW	TA

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/13/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/07/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 01/09/2001
- Is the new operator registered in the State of Utah: YES Business Number: 3098295-0143
- If **NO**, the operator was contacted on: N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 06/05/2000
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Prog:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- 1. Changes entered in the **Oil and Gas Database** on: 01/09/2001
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 01/09/2001
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A

**STATE BOND VERIFICATION:**

- 1. State well(s) covered by Bond No.: N/A

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
- 2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
- 3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**FILMING:**

- 1. All attachments to this form have been **MICROFILMED** on: 2-21-01

**FILING:**

- 1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

3. Lease Designation and Serial Number:  
U-75083

8. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name  
WEST RIVER BEND UNIT

1. Type of Well: OIL  GAS  OTHER:

9. Well Name and Number:  
WRBU 8770 #16-19-10-17

2. Name of Operator:  
PENDRAGON ENERGY PARTNERS, INC.

9. API Well Number:  
43-013-32130-00

3. Address and Telephone Number: 621 17TH STREET, STE. #750  
DENVER, CO 80293 (303) 296-9402

10. Field and Pool, or Wildcat:  
WILDCAT

4. Location of Well  
Footages: 623' FSL, 580' FEL,  
DQ Sec., T., R., M.: SE/SE SEC. 19, T10S - R17E

County: DUCHESNE  
State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicates)

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other REQUEST EXTENSION OF TA STATUS
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all sections and zones pertinent to this work.)

THIS WELL WAS SPUDDED BY THE PREVIOUS OPERATOR AND DRILLED TO 325' WHERE SURFACE CASING WAS SET. DRILLING WAS THEN STOPPED WHEN A 50% PARTNER WENT NON-CONSENT. IT IS POSSIBLE THAT THE WELL WILL BE FINISHED IN THE FUTURE IF AND WHEN OIL PRICES AND DRILLING COSTS ARE FAVORABLE. IN THE MEANTIME, THE SURFACE CASING IS CEMENTED TO SURFACE AND THERE ARE NO PERFORATIONS. THERE IS NO RISK TO POTABLE WATER SOURCES, PUBLIC HEALTH & SAFETY OR THE ENVIRONMENT. THERE IS NO PRACTICAL NEED TO CONSIDER PLUGGING IT.

WE RESPECTFULLY REQUEST THAT THIS WELL BE PERMITTED TO RETAIN ITS T.A. STATUS THROUGH SEPTEMBER, 2004.

APPROVED BY OPERATOR  
10-18-01  
CBO

13. Name & Signature: ALAN B. NICOL *[Signature]* Title: PRESIDENT Date: 10-12-01

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

RECEIVED

OCT 15 2001

Date: 10/18/01

By: *[Signature]*

(See Instructions on Reverse Side)

DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH 10/18/01

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

RECEIVED

**SUNDRY NOTICES AND REPORTS ON WELLS** OCT 24 2002  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-75083
2. Name of Operator PENDRAGON ENERGY PARTNERS, INC.		6. If Indian, Allottee or Tribe Name
3a. Address #750, 621 17TH STREET DENVER, CO 80293	3b. Phone No. (include area code) 303-206-9402	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 623' FSL, 580' FEL, SE/SE SECTION 19, T10S, R17E		8. Well Name and No. WRBU 8770 #16-19-10-17
		9. API Well No. 43-013-32130
		10. Field and Pool, or Exploratory Area UTELAND BUTTE
		11. County or Parish, State DUCHESNE, UT

RECEIVED

JAN 15 2003

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Drilling ceased on this well after 8-5/8" surface casing was set at 325'.

Proposed plugging procedure:

1. Fill hole with fresh water
2. Set plug of 10 sx Class G cement from 32' to surface.
3. Cut off surface casing below ground level, install dry hole marker, clean all debris from surface and contour drillsite to approximate original contour.

RECEIVED

CONDITIONS OF APPROVAL ATTACHED

OCT 23 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) ALAN B. NICOL	Title PRESIDENT
Signature <i>Alan B. Nicol</i>	Date OCTOBER 22, 2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Kirk Johnson</i>	Title Petroleum Engineer	Date 1/9/03
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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

OPERATOR

**CONDITIONS OF APPROVAL FOR WELL ABANDONMENT**

Company Pendragon Energy Partners, Inc.  
Well No. WRBU 16-19-10-17

Location SESE, Sec. 19, T10S, R17E  
Lease No. U - 75083

**A COPY OF THESE CONDITIONS SHOULD BE GIVEN TO  
YOUR FIELD REPRESENTATIVE TO ENSURE COMPLIANCE**

1. This office will be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least 24 hours in advance of rigging up.
2. All cement used for plugs must meet the minimum physical requirements specified in API Specification 10 unless prior approval is obtained from the authorized officer.
3. Upon completion of the approved plugging program, a dry hole marker shall be installed in accordance with 43 CFR 3162.6(b) and clean up the site. The marker shall be a flat plate (with a weep hole) not less than 1/4 inch in thickness and large enough to contain all of the information identified below and shall be buried a minimum of three (3) foot below re-contoured surface level. Pits must be fenced unless approved otherwise by the authorized officer.
4. The following minimum information will be permanently and legibly placed on the marker with a plate, cap or welded bead:
  - A. Name of the operator.
  - B. Lease serial number.
  - C. Well number.
  - D. Surveyed description of the well; section, township and range and either footages or quarter-quarter section.
5. Within 30 days after well bore plugging operations have been completed, Form 3160-5 (formerly Form 9-331), Subsequent Report of Abandonment, will be submitted to this office. The report must show the location of all plugs or any mechanical setting device, quantity and type of cement and additives in each plug, amount of casing or any tubulars left in the hole, methods used to test plugs and test results, and the status of the surface restoration. This abandonment report will be approved by this office and you will be given surface restoration stipulations. Liability for the well shall not be released until the surface management agency approves the actual site rehabilitation.

For downhole concerns or approvals contact:

Ed Forsman  
Staff Engineer  
Work: (435) 781-4490  
Cell: (435) 828-7874

Kirk Fleetwood  
Staff Engineer  
Work: (435) 781-4486  
Cell: (435) 828-7875

For surface concerns contact:

Byron Tolman  
Environmental Scientist  
Work: (435) 781-4482

Stan Olmstead  
Environmental Scientist  
Work: (435) 781-4468

Greg Darlington  
Environmental Scientist  
Work: (435) 781-4476

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U 75083

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
WRBU # 16-19-10-17

9. API Well No.  
43-013-32130

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
Duchesne, Utah

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well    Gas Well    Other Not drilled past surface casing.

2. Name of Operator  
Pendragon Energy Partners, Inc.

3a. Address      3b. Phone No. (include area code)  
 621 17th Street #750 denver, Co. 80293      303-296-9402

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)  
 623' FSL, 580' FEL  
 SE/SE Section 19 - 10S - 17E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well was plugged and abandoned on 6/30/03. Hole was cemented with 4 cubic yards of commercial cement via cement truck. All othe procedures were per sundry notice dated 10/22/02 as approved 1/9/03.

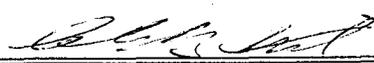
RECEIVED

OCT 23 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)      Title  
 Alan B. Nicol      President

Signature       Date 7/1/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)	Name (Printed/Typed)	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	Date

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

(Continued on next page)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other NOT DRILLED PAST SURFACE CASING

2. Name of Operator  
 PENDRAGON ENERGY PARTNERS, INC.

3a. Address  
 621 17TH STREET, SUITE #750, DENVER, CO 80293

3b. Phone No. (include area code)  
 303) 296-9402

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)  
 623' FSL, 580' FEL  
 SE/4 SE/4, SECTION 19, T 10 S - R 17 E

5. Lease Serial No.  
 UTU-75083

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
 WRBU 8870 #16-19-10-17

9. API Well No.  
 43-013-32130

10. Field and Pool, or Exploratory Area  
 WILDCAT

11. County or Parish, State  
 DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS WELL WAS PLUGGED AND ABANDONED ON 6/30/03. HOLE WAS CEMENTED WITH 4 CUBIC YARDS OF COMMERCIAL CEMENT VIA CEMENT TRUCK. ALL OTHER PROCEDURES WERE PER SUNDRY NOTICE DATED 10/22/02 AS APPROVED 1/09/03. LOCATION HAS BEEN RECLAIMED AND RE-SEEDED.

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

ALAN B. NICOL

Title PRESIDENT

Signature



Date 4/14/04

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by (Signature)

Name (Printed/Typed)

Title

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

Office

Date

**RECEIVED**

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

**APR 19 2004**

(Continued on next page)

DIV. OF OIL, GAS & MINING