

**COPY**  
UNITED STATES

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

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, Inc.

3. ADDRESS AND TELEPHONE NO.  
475 Seventeenth St., Suite 1000 Denver, Co. 80202 (303)295-0400

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface                      1230' FNL 513' FWL  
 At proposed prod. zone

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)                      513'

16. NO. OF ACRES IN LEASE                      920.66

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.                      1300'

19. PROPOSED DEPTH                      7200'

20. ROTARY OR CABLE TOOLS                      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)                      4751' GR

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

5. LEASE DESIGNATION AND SERIAL NO.  
UTU 73974X

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Indian Tribe

7. UNIT AGREEMENT NAME  
Glen Bench Unit

8. FARM OR LEASE NAME, WELL NO.  
Glen Bench

9. A# WELL NO.  
#4-30-8-22

10. FIELD AND POOL, OR WILDCAT  
Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 30, T8S, R22E, S.L.B. & M.

12. COUNTY OR PARISH                      Uintah                      13. STATE                      Utah

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	300'	(See attached drilling plan)
7 7/8"	5 1/2"	15.5#	7200'	(see attached drilling plan)

1. M.I.R.U.
2. Drill to T.D. 7200'
3. Run 5 1/2" casing if commercial production is indicated.
4. If dry hole, well will be plugged and abandoned as instructed by the B.L.M.
5. Well will be drilled with fresh water to 4500', then Chem Gel Mud to T.D. Mud will be in place to run 5 1/2" casing.

I hereby certify that I am 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. in the form of an irrevocable Letter of Credit issued by Colorado National Bank.

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.

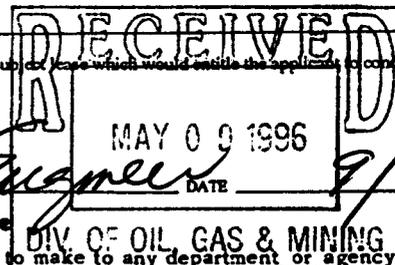
24. SIGNED Robert L. Kay TITLE Agent for Chandler DATE 5-6-96  
 (This space for Federal or State office use)

PERMIT NO. 43-047-32755 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 [Signature] TITLE Petroleum Engineer DATE 5/9/96

\*See Instructions On Reverse Side



**CHANDLER & ASSOCIATES, INC.  
DRILLING PLAN FOR THE  
GLEN BENCH UNIT #4-30-8-22**

**I. DRILLING PLAN:**

1. Geological Surface Formation: Uintah

2. Estimated Tops:

<u>Name</u>	<u>Top</u>	<u>Prod. Phase Anticipated</u>
Green River		
Green River "Y"	4547'	
Glen Bench Ss	4722'	Oil
Wasatch	5445'	

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"	8-5/8"	K-55 (LT&C)	24#/ft (new)
Prod.	7200'	7-7/8"	5-1/2"	K-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 preventers 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.

Chandler & Associates, Inc.  
Glen Bench Unit #4-30-8-22

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 - no.
- F. The blooie line shall be a least 6" in diameter and extend at least 100' from the wellbore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mistor with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

6. Proposed Circulating Medium:

<u>Depth</u>	<u>Mud Type</u>	<u>Density (lb./gal)</u>	<u>Viscosity</u>	<u>Water Loss</u>
0'-4500'	Fresh Water	8.4	30	No Control
4500'-TD	Chem Gel	8.8	30-35	10 cc or less

7. Testing, Logging, and Coring Program:

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

Chandler & Associates, Inc.  
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- D. Formation and Completion Interval: Green River 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	1100 sx*	850 sx Class "G" w/2% Gel & 250 sx 50/50 poz-mix w/2% Gel & 10% Salt.

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.

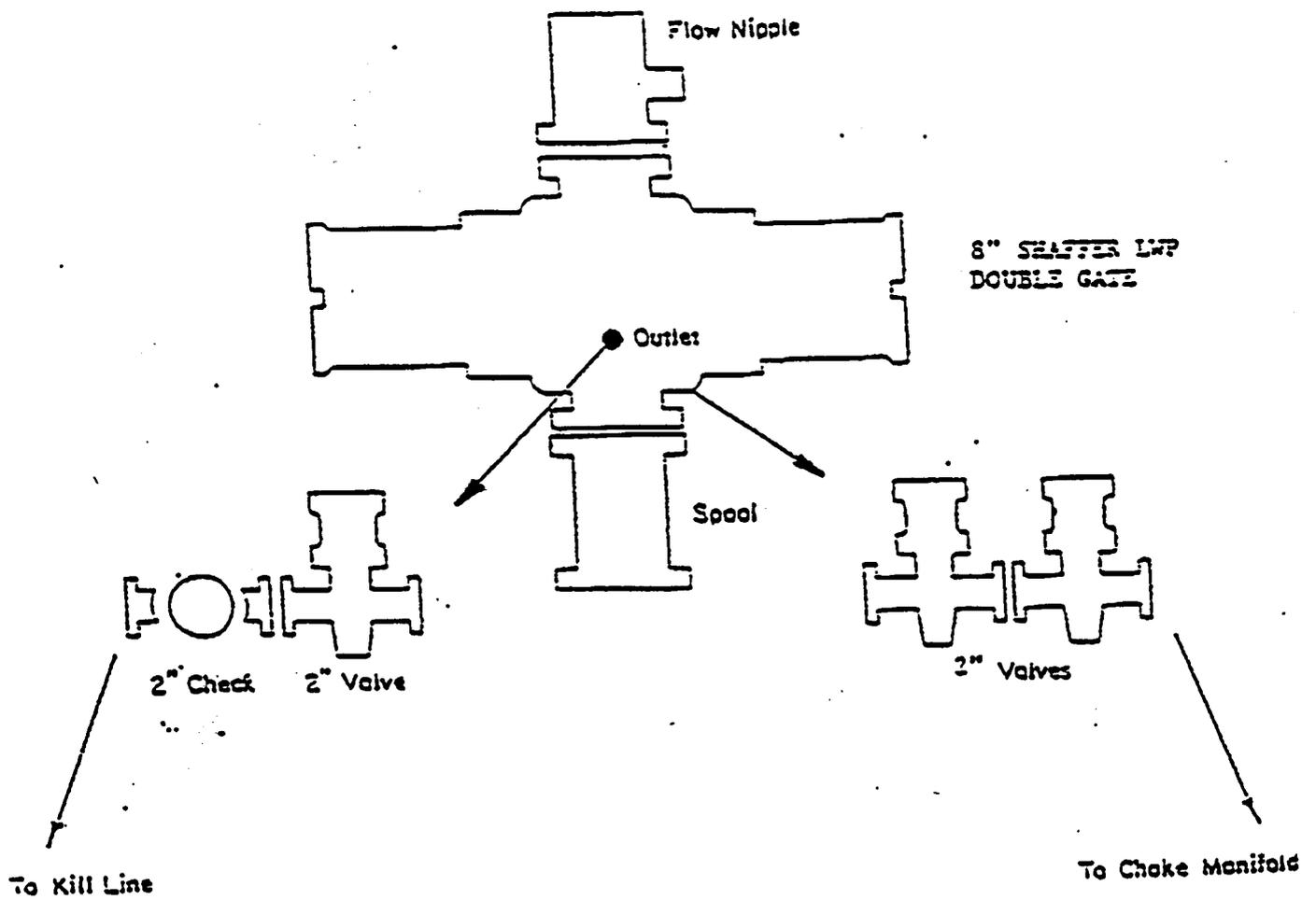
Chandler & Associates, Inc.  
Glen Bench Unit #4-30-8-22

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 0.222 psi/ft) and maximum anticipated surface pressure equals approximately 20 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

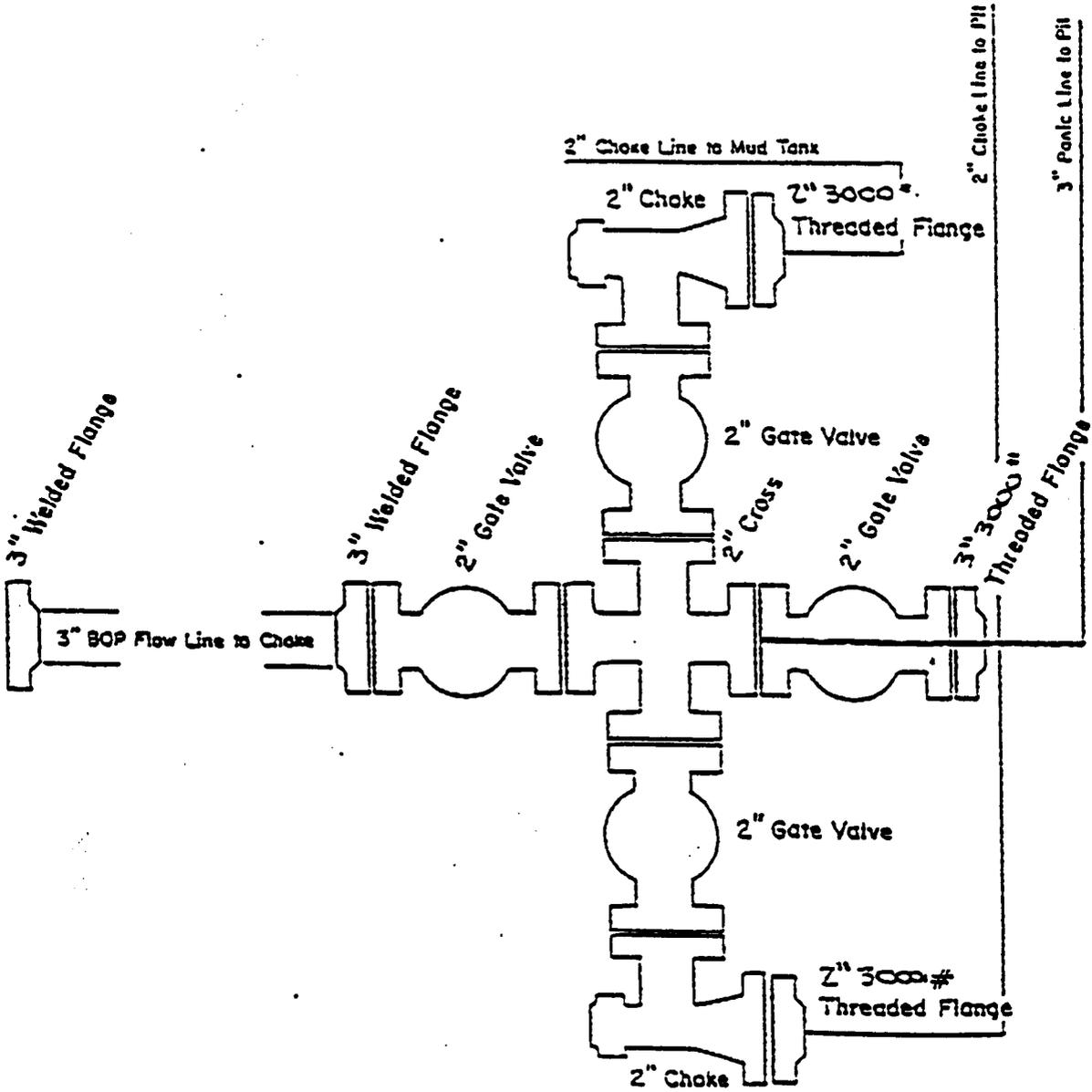
# CHANDLER DRILLING

RIG NO.7



CHANDLER DRILLING

RIG NO.7



**II. SURFACE USE PLAN  
CHANDLER & ASSOCIATES, INC.  
GLEN BENCH UNIT #4-30-8-22**

1. Existing Road:

- A. Topo Map "A" is the vicinity map, showing the access routes from Vernal, 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.
- E. Application has been made to the U.S. Army Corps. of Engineers for a low water crossing located in the NW 1/4 of Section 30, T8S, R22E, S.L.B.&M. This crossing will be constructed in compliance with the Nation Wide Permit 26. (see attached application)

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.

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- E. No cattle guard will be required.
- F. The proposed access road was flagged at the time the location was staked.
- G. The area authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- H. 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 B.L.M. office at least 48 hours prior to commencement of any work on these locations, roadways, or pipelines.

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.

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- 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.
  - 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 supplied by Nebeker Trucking  
Water Right #49-1596  
Source: Green River POD: SW 1/4 Section 13, T7S, R21E, S.L.B.&M.

No water wells are to be drilled.

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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 access roads crossing Ute Tribal Land are described under item #2 and shown on Map #B. All disturbance for this well location is located on Ute Tribal Lands and a Right-of-way has been applied for.

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.

- C. All well pad surface disturbance area is on Ute Tribal Lands.

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.
- D. Portable chemical toilets will be provided and serviced by a local commercial sanitary service.

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- 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 authorized officer will determine after the location is constructed whether the pit is to be lined, and if so, the type of material to be used.
- D. Topsoil shall be stripped to a depth of 12 inches and stockpiled as shown on the location layout plat. (Windrow around east side of pad to obtain a dike situation).
- E. The back slopes of the locations will be no steeper than vertical or 1/4:1 in rock, and 2:1 elsewhere.

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- F. The upper edges of all cut banks on the access roads and well pads will be rounded.
- G. Catchment ponds to be placed as required to intercept drainage re-routes.

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 disking, 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.

**Chandler & Associates, Inc.**  
**Glen Bench Unit #4-30-8-22**

- 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.
- 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 disked 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 shall be completed prior to disturbance by a qualified professional Archaeologist.

Chandler & Associates, Inc.  
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- C. The B.L.M. 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 B.L.M. shall have the first opportunity to file State water rights for the 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.

Chandler & Associates, Inc.  
Glen Bench Unit #4-30-8-22

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.

- 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. Don Johnson  
Manager Operations/Production  
Chandler & Associates, Inc.  
475 Seventeenth Street  
Suite 1000  
Denver, Colorado 80202  
Telephone #(303)295-0400

Chandler & Associates, Inc.  
Glen Bench Unit #4-30-8-22

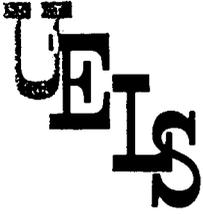
13. Certification:

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.

5-6-96  
Date

Robert L. Kay  
Robert L. Kay  
Agent



# Uintah Engineering & Land Surveying

85 SOUTH 200 EAST  
VERNAL, UTAH 84078  
PHONE (801) 789-1017

NELSON J. MARSHALL  
PHONE 789-0272  
LAWRENCE C. KAY  
PHONE 789-1125  
ROBERT L. KAY  
PHONE 789-0493

May 7, 1996

Michele Waltz  
U.S. Army Engineer District, Sacramento  
1403 South 600 West, Suite A  
Bountiful, Utah 84010

Dear Michele,

During a conversation that you and I had on the phone you stated that the following would be required for specific types of wash crossings. The following is my understanding of that conversation.

1. The Corp needs to be notified of crossing by letter which gives location, a construction description, terrain description, statement of compliance with NWP #26, and a topog. map.
2. Construction can begin immediately.
3. The notification is not circulated but remains internally at your office.
4. You will return a letter of acknowledgment from your office.

I have enclosed a letter as discussed above for a wash crossing. If you have any questions, I can be reached at 801-789-1017.

Thank You,

A handwritten signature in cursive script that reads "Harold Marshall".

Harold Marshall  
UELS, Inc.

HNM/tdh  
enclosures

**CHANDLER & ASSOCIATES, INC.**  
***GLEN BENCH UNIT #4-30-8-22***

May 7, 1996

The following information is included for the Chandler Glen Bench Unit #4-30-8-22 wash crossing:

I have enclosed a topog. map showing the position of a proposed wash crossing.

**LOCATION:**

The location of the wash crossing is in the SW1/4 of the NW1/4 of Section 30, T8S, R22E, S.L.B.&M.

**AREA & VEGETATION:**

The area consists of desert low brush such as Rabbit brush, Brigham Tea, Sage Brush, and Cheat Grass. The wash is defined and has a sandy bottom. There is an existing two-track road though the wash where the proposed crossing will be. There is not any riparian vegetation such as willows, or green leafy plants within the wash or along the wash banks. No water is visible and the high water mark is defined as a wide flood plane. The wash looks as if it has water flow only during thunderstorms or possibly at snow melt run-off.

**CONSTRUCTION AND DISTURBANCE:**

Construction will involve improving the existing road and constructing an oil/gas exploration well pad. The wash will only be disturbed by a road crossing. The crossing will be constructed with a "dip" or ford. Run-off water will flow across the road during rain storms or possibly during snow melt. Disturbance will be limited to the width necessary to construct the dip (estimated width to be 22' max.).

**COMPLIANT STATUS:**

This crossing will be constructed in compliance with the Nation Wide Permit 26.

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**APPLICANT CONTACT:**

Jim Simonton  
Chandler & Assoc.  
P.O. Box 418  
Rangely, CO 81648  
Voice: 970-675-8451

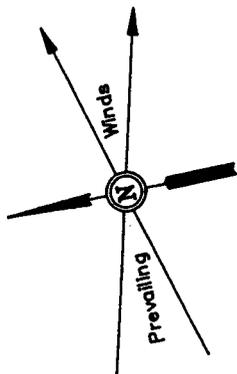
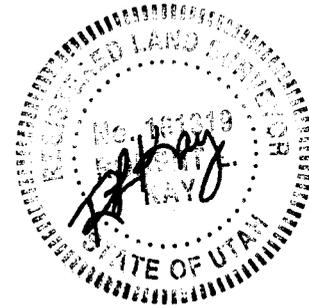
**APPLICANT'S ENGINEER:**

Harold Marshall  
UELS, Inc.  
85 South 200 East  
Vernal, UT 84078  
801-789-1017

# CHANDLER & ASSOCIATES, INC.

## LOCATION LAYOUT FOR

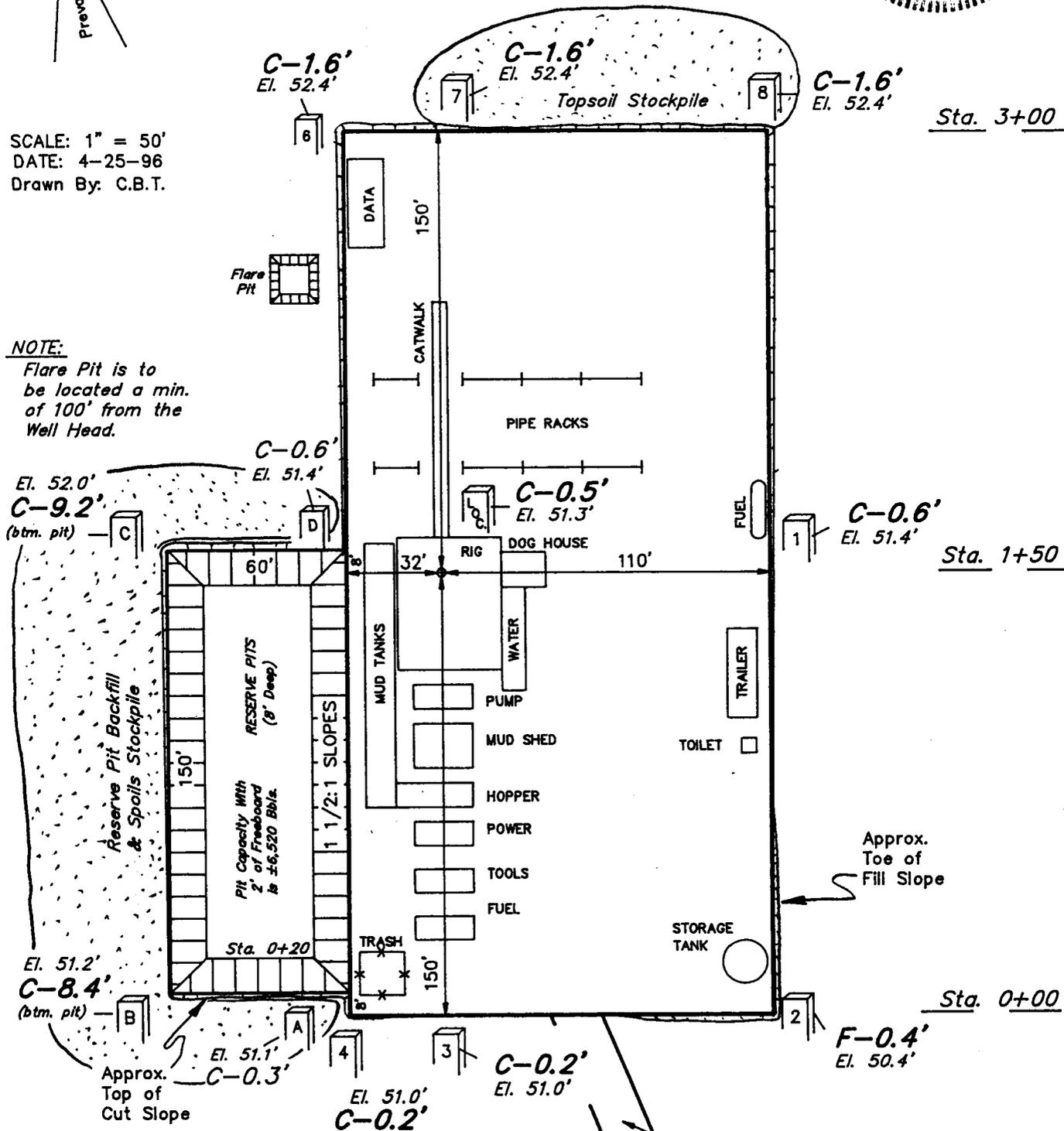
GLEN BENCH UNIT #4-30-8-22  
SECTION 30, T8S, R22E, S.L.B.&M.  
1230' FNL 513' FWL



SCALE: 1" = 50'  
DATE: 4-25-96  
Drawn By: C.B.T.

**NOTE:**

Flare Pit is to be located a min. of 100' from the Well Head.



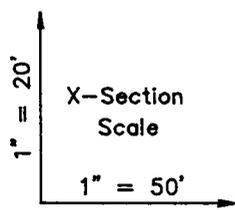
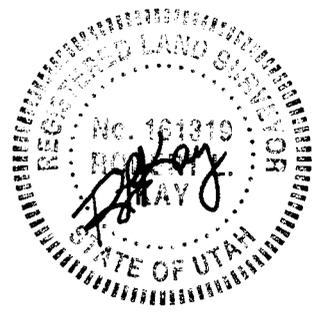
Elev. Ungraded Ground at Location Stake = 4751.3'

Elev. Graded Ground at Location Stake = 4750.8'

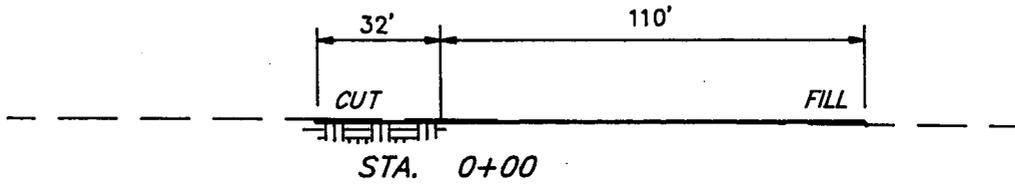
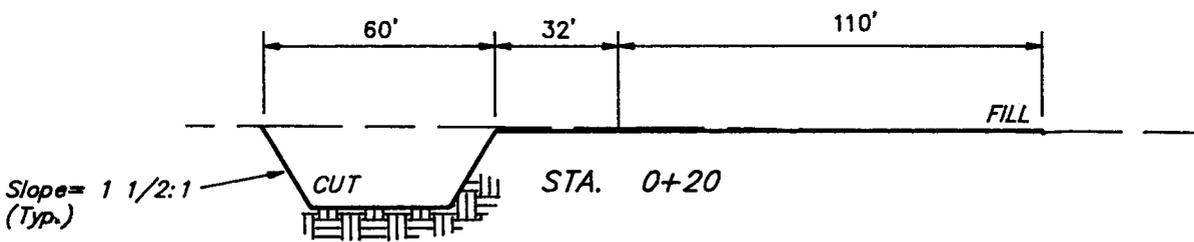
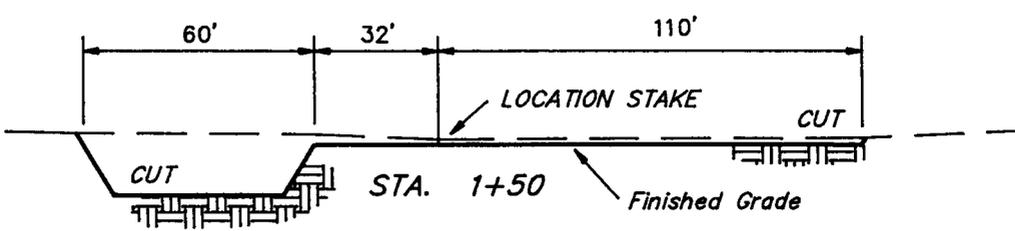
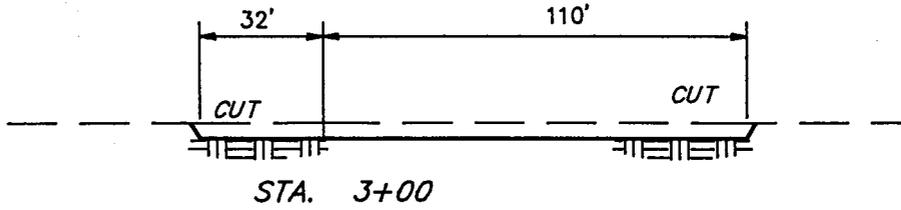
**CHANDLER & ASSOCIATES, INC.**

**TYPICAL CROSS SECTIONS FOR**

**GLEN BENCH UNIT #4-30-8-22  
SECTION 30, T8S, R22E, S.L.B.&M.  
1230' FNL 513' FWL**



DATE: 4-25-96  
Drawn By: C.B.T.

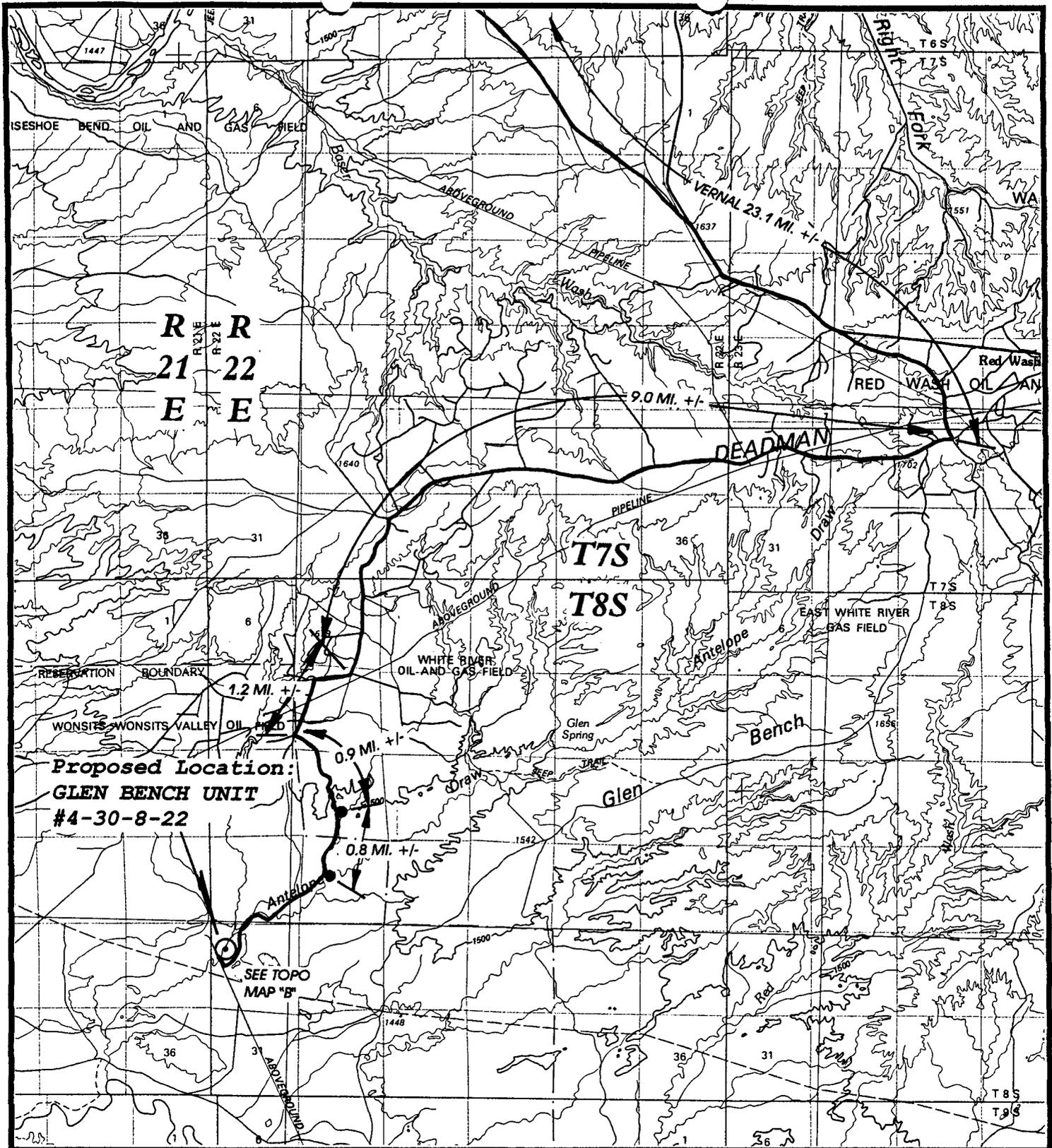


**NOTE:**  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE YARDAGES**

(12") Topsoil Stripping	=	1,920	Cu. Yds.
Remaining Location	=	2,020	Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>3,940</b>	<b>CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>620</b>	<b>CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	3,290	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,910	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	380	Cu. Yds.



UELS

**TOPOGRAPHIC  
MAP "A"**

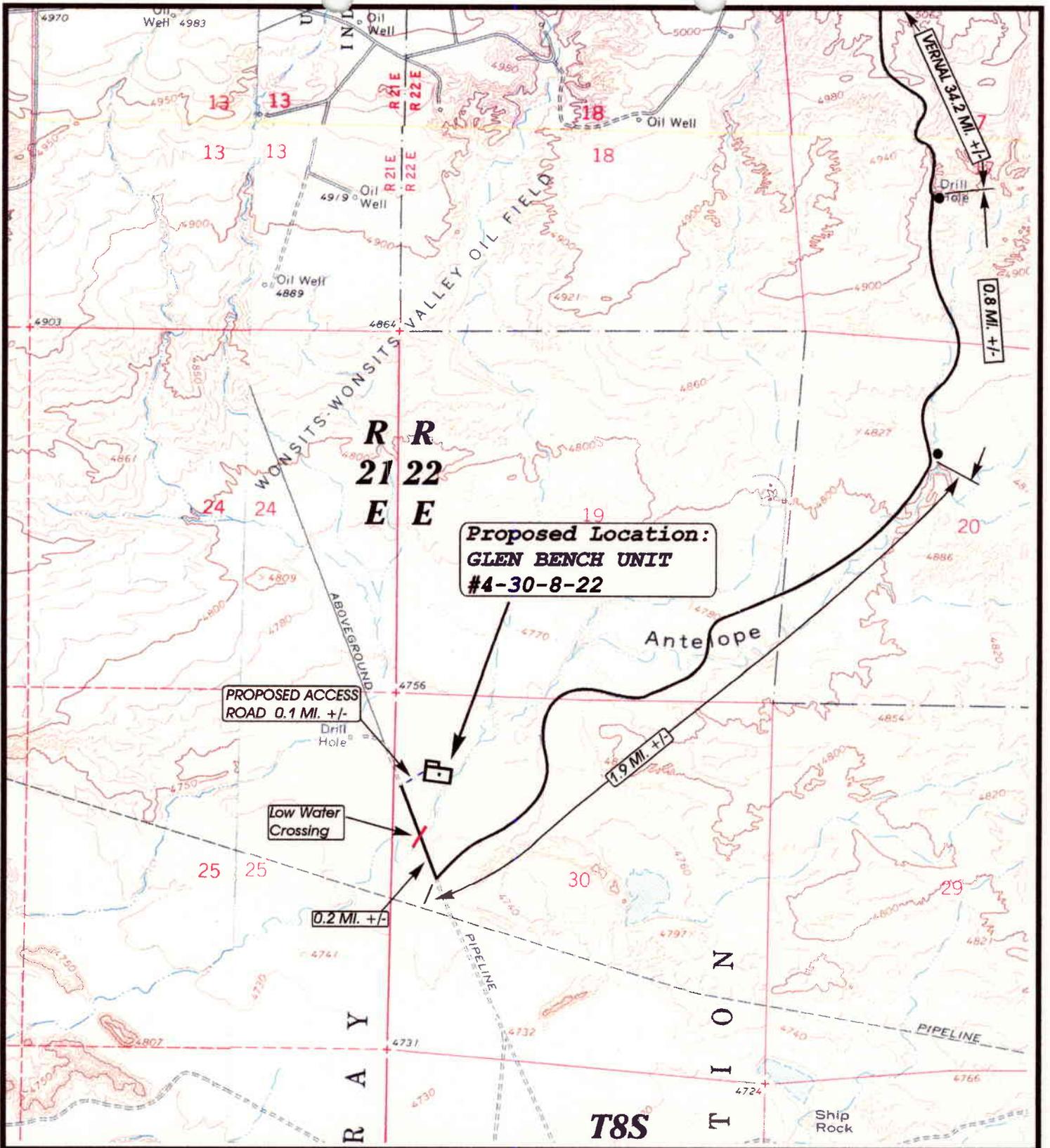
DATE: 4-25-96  
 Drawn by: C.B.T.



**CHANDLER & ASSOCIATES, INC.**

GLEN BENCH UNIT #4-30-8-22  
 SECTION 30, T8S, R22E, S.L.B.&M.  
 1230' FNL 513' FWL

UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



**Proposed Location:  
GLEN BENCH UNIT  
#4-30-8-22**

**PROPOSED ACCESS  
ROAD 0.1 Mi. +/-**

**Low Water  
Crossing**

**0.2 Mi. +/-**

**1.9 Mi. +/-**

**0.8 Mi. +/-**

**VERNAL 34.2 MI. +/-**

**U E L S**  
**TOPOGRAPHIC  
 MAP "B"**  
 DATE: 4-25-96  
 Drawn by: C.B.T.

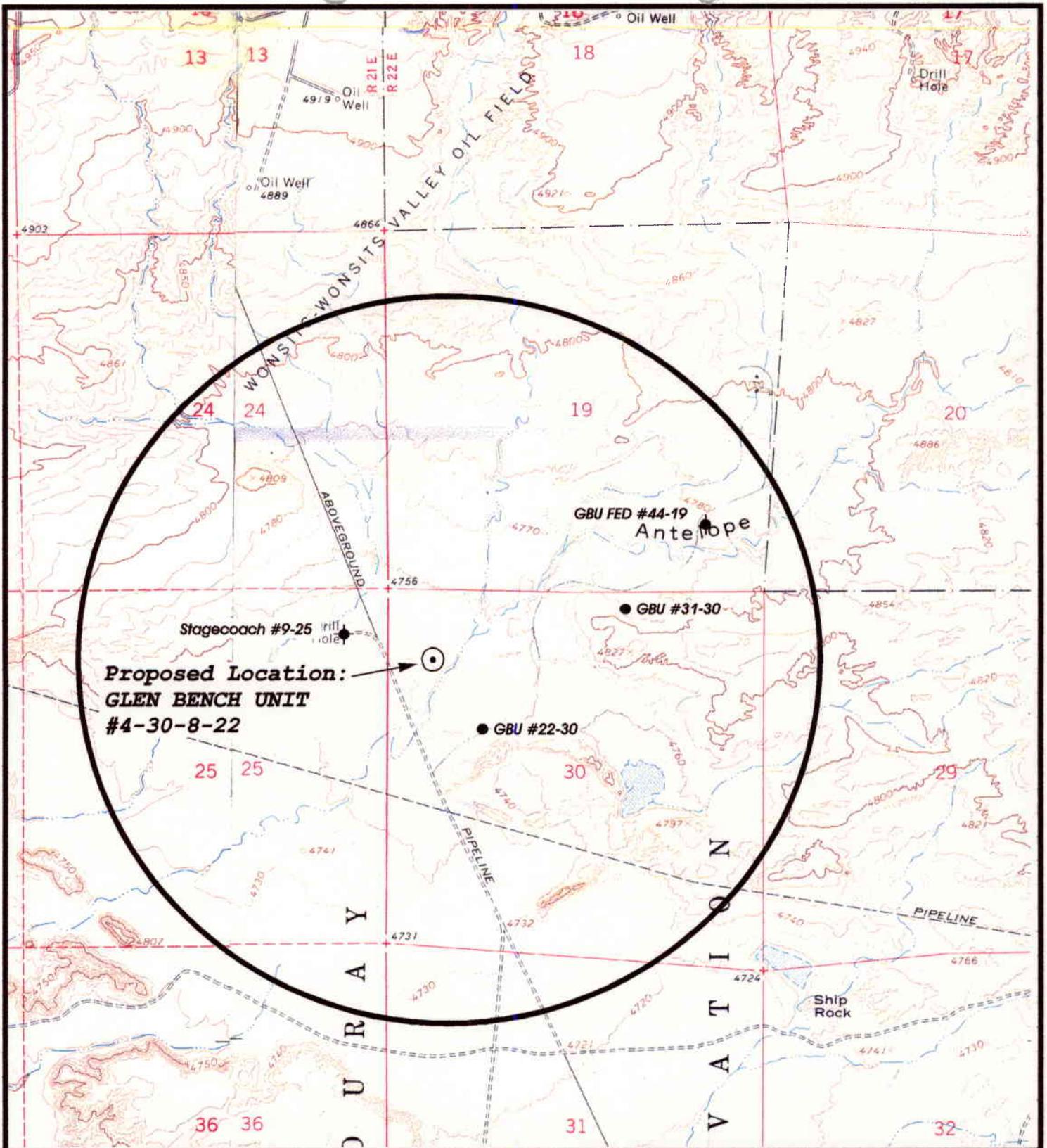
UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

**CHANDLER & ASSOCIATES, INC.**

GLEN BENCH UNIT #4-30-8-22  
 SECTION 30, T8S, R22E, S.L.B.&M.  
 1230' FNL 513' FWL



**Proposed Location:**  
**GLEN BENCH UNIT**  
**#4-30-8-22**

GBU FED #44-19  
 Antelope

● GBU #31-30

● GBU #22-30

**LEGEND**

**WELLS**

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-in Wells

UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

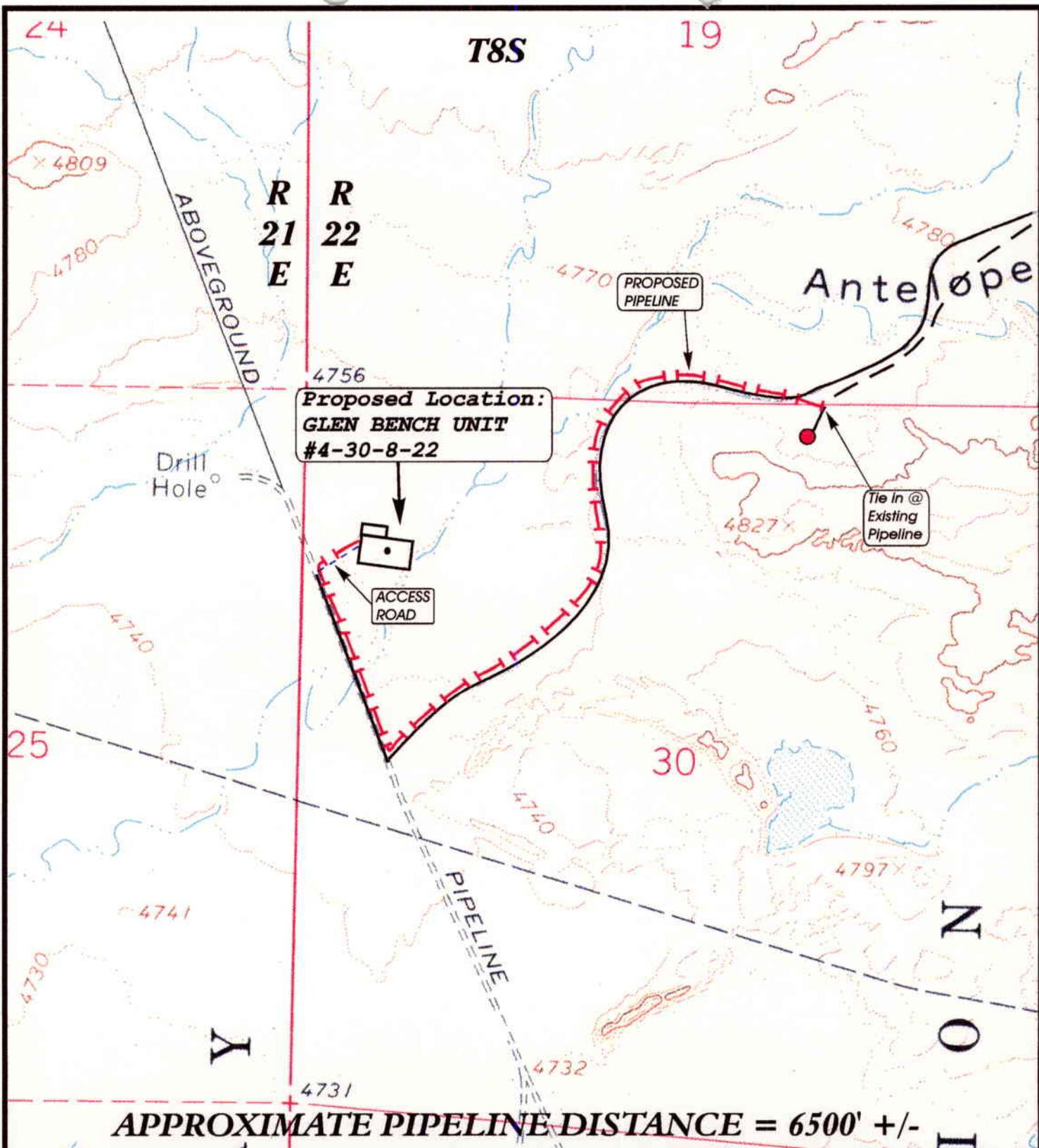


SCALE: 1" = 2000'

**CHANDLER & ASSOCIATES, INC.**

GLEN BENCH UNIT #4-30-8-22  
 SECTION 30, T8S, R22E, S.L.B.&M.  
**TOPOGRAPHIC**  
**MAP "C"**

DATE: 4-25-96 C.B.T.



**TOPOGRAPHIC  
MAP "D"**

**CHANDLER & ASSOCIATES, INC.**

GLEN BENCH UNIT #4-30-8-22  
SECTION 30, T8S, R22E, S.L.B.&M.

----- Existing Pipeline  
 HHHHHHHH Proposed Pipeline



DATE: 4-26-96  
 Drawn by: C.B.T.

UENTs  
 UTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/09/96

API NO. ASSIGNED: 43-047-32755

WELL NAME: GLEN BENCH 4-30-8-22  
 OPERATOR: CHANDLER & ASSOCIATES (N3320)

PROPOSED LOCATION:  
 NWNW 30 - T08S - R22E  
 SURFACE: 1230-FNL-0513-FWL  
 BOTTOM: 1230-FNL-0513-FWL  
 UINTAH COUNTY  
 NATURAL BUTTES FIELD (630)

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

LEASE TYPE: FED  
 LEASE NUMBER: UTU - 73974X

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal  State  Fee   
 (Number LETTER OF CREDIT)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
 (Number 49-1596)
- RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

- R649-2-3. Unit: GLEN BENCH
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

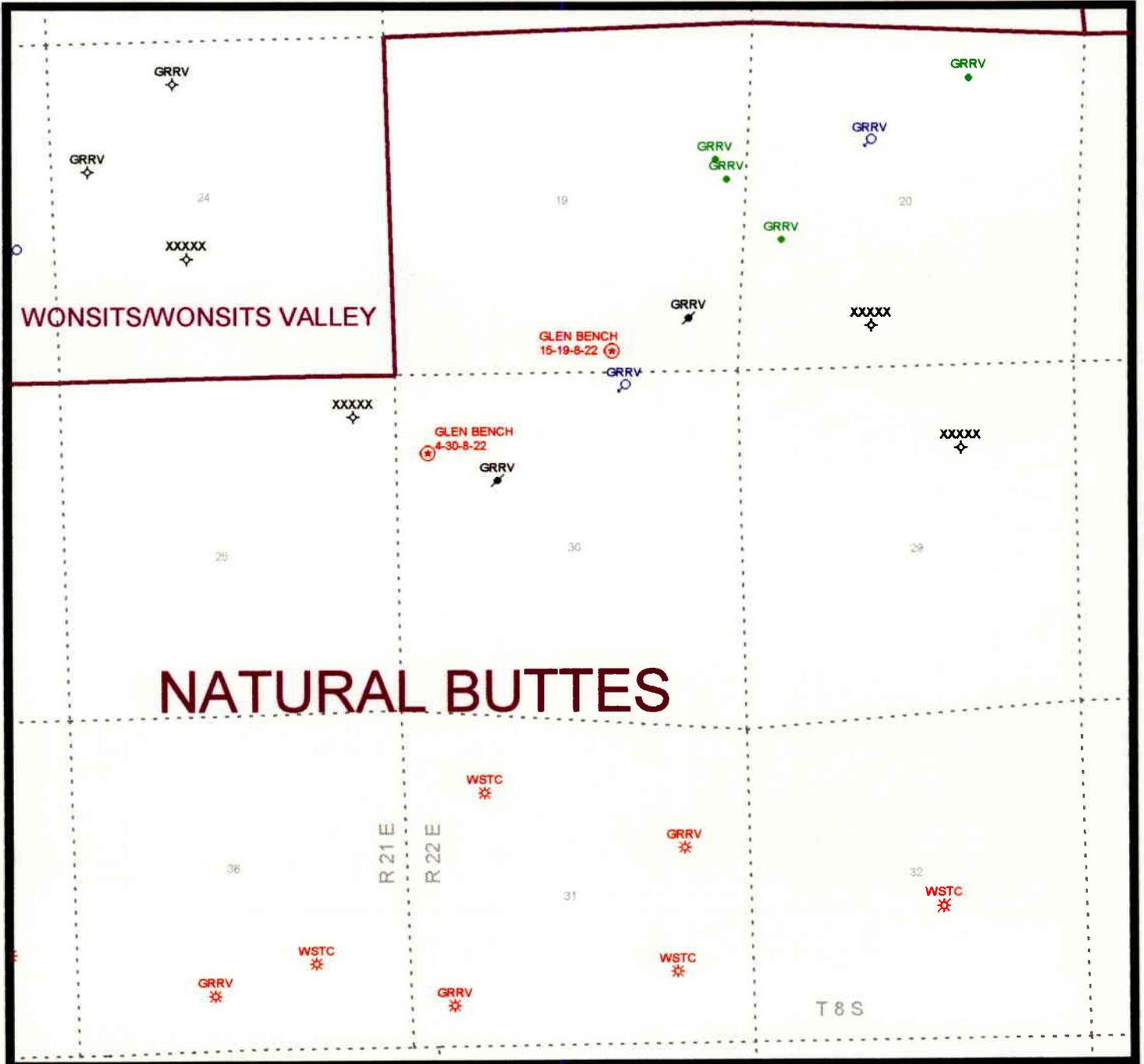
\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

# CHANDLER & ASSOCIATES INFILL DRILLING SECTIONS 19 & 30, T8S, R22E UINTAH COUNTY, UAC R649-2-3



**PREPARED:**  
**DATE: 13-MAY-96**

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: CHANDLER &amp; ASSOCIATES</b>	<b>Well Name: GLEN BENCH 4-30-8-22</b>
<b>Project ID: 43-047-32755</b>	<b>Location: sEC. 30 - T8S - R22E</b>

Design Parameters:

Mud weight ( 8.80 ppg) : 0.457 psi/ft  
 Shut in surface pressure : 2776 psi  
 Internal gradient (burst) : 0.072 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	7,200	5.500	15.50	K-55	LT&C	7,200	4.825
	Collapse Load (psi)    Strgth (psi)    S.F.		Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)    Strgth (kips)    S.F.	
1	3291	4040	1.228	3291	4810	1.46	111.60    239    2.14 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 09-09-1996  
 Remarks :

**WASATCH**

Minimum segment length for the 7,200 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 124°F (Surface 74°F , BHT 175°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 3,291 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

**COPY**

SUBMIT IN TRIP DATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <u>UTU 73974X</u>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Ute Indian Tribe</u>	
2. NAME OF OPERATOR <u>Chandler &amp; Associates, Inc.</u>		7. UNIT AGREEMENT NAME <u>Glen Bench Unit</u>	
3. ADDRESS AND TELEPHONE NO. <u>475 Seventeenth St., Suite 1000 Denver, Co. 80202 (303)295-0400</u>		8. FARM OR LEASE NAME, WELL NO. <u>Glen Bench</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface      1230' FNL 513' FWL At proposed prod. zone      136		9. API WELL NO. <u>#4-30-8-22</u>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE <u>See Topo Map "A" (attached)</u>		10. FIELD AND POOL, OR WILDCAT <u>Glen Bench</u>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <u>513'</u>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 30, T8S, R22E, S.L.B.&amp;M.</u>	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <u>1300'</u>		12. COUNTY OR PARISH   13. STATE <u>Uintah   Utah</u>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4751' GR</u>		17. NO. OF ACRES ASSIGNED TO THIS WELL <u>40</u>	
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS <u>Rotary</u>	
22. APPROX. DATE WORK WILL START* <u>A.S.A.P.</u>		19. PROPOSED DEPTH <u>7200'</u>	

RECEIVED  
MAY 13 1996  
DIV. OF OIL, GAS & MINING  
920.66

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	300'	(See attached drilling plan)
7 7/8"	5 1/2"	15.5#	7200'	(see attached drilling plan)

**CONFIDENTIAL**

1. M.I.R.U.
2. Drill to T.D. 7200'
3. Run 5 1/2" casing if commercial production is indicated.
4. If dry hole, well will be plugged and abandoned as instructed by the B.L.M.
5. Well will be drilled with fresh water to 4500', then Chem Gel Mud to T.D. Mud will be in place to run 5 1/2" casing.

I hereby certify that I am 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. in the form of an irrevocable Letter of Credit issued by Colorado National Bank.

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 Robert L. Kay TITLE Agent for Chandler DATE 5-6-96  
Robert L. Kay

(This space for Federal or State office use)

PERMIT NO. 43-047-32755 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:

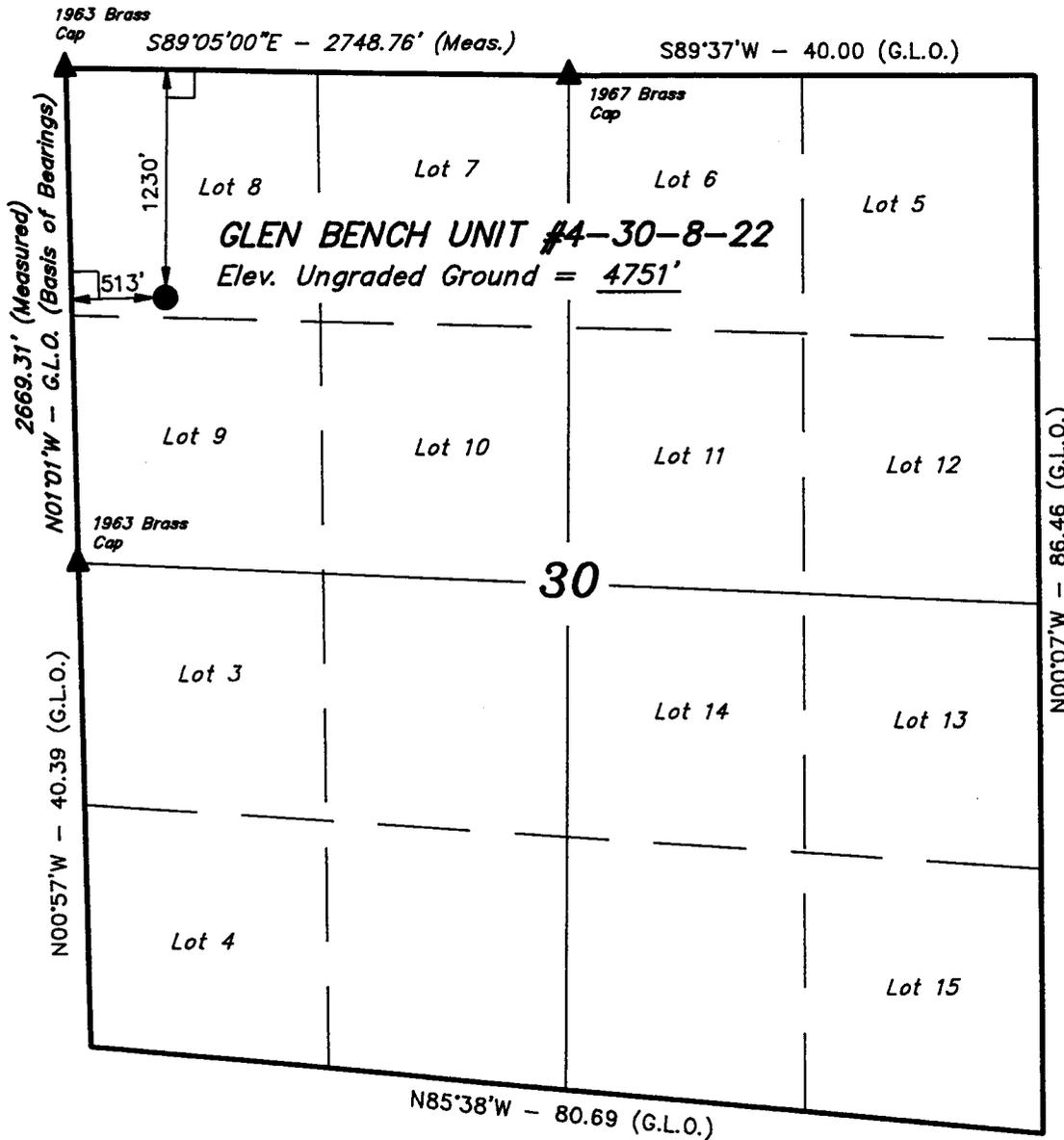
APPROVED BY M. Matthews TITLE Petroleum Engineer DATE 9/9/91

\*See Instructions On Reverse Side

# T8S, R22E, S.L.B.&M.

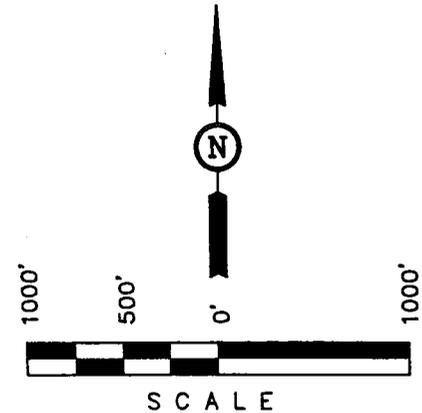
**CHANDLER & ASSOCIATES, INC.**

Well location, GLEN BENCH UNIT #4-30-8-22, located as shown in Lot 8 of Section 30, T8S, R22E, S.L.B.&M. Uintah County, Utah.



## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T8S, R22E, S.L.B.&M. TAKEN FROM THE REDWASH SW, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4756 FEET.



## CERTIFICATE

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.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

## LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 4-17-96	DATE DRAWN: 4-24-96
PARTY L.D.T. M.R. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE CHANDLER & ASSOCIATES, INC.	



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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

September 9, 1996

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

Re: Glen Bench 4-30-8-22 Well, 1230' FNL, 513' FWL, NW NW,  
Sec. 30, T. 8 S., R. 22 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32755.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth'.

R. J. Firth  
Associate Director

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



Operator: Chandler & Associates, Inc.  
Well Name & Number: Glen Bench 4-30-8-22  
API Number: 43-047-32755  
Lease: UTU-73974X  
Location: NW NW Sec. 30 T. 8 S. R. 22 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 following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
SUBMIT IN THE DATE\*  
OTHER INSTRUCTIONS ON REVERSE SIDE  
SEP 17 1996

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
 DRILL  DEEPEN   
 DIV. OF OIL, GAS & MINING

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

2. NAME OF OPERATOR  
 Chandler & Associates, Inc.

3. ADDRESS AND TELEPHONE NO.  
 475 Seventeenth St., Suite 1000 Denver, Co. 80202 (303)295-0400

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1230' FNL 513' FWL Lot 8  
 At proposed prod. zone

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

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 513'  
 16. NO. OF ACRES IN LEASE 920.66  
 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. 1300'  
 19. PROPOSED DEPTH 7200'  
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4751' GR  
 22. APPROX. DATE WORK WILL START\* A.S.A.P.

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU 73974X U-9617

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Indian Tribe

7. UNIT AGREEMENT NAME  
 Glen Bench Unit

8. FARM OR LEASE NAME, WELL NO.  
 Glen Bench

9. APWELL NO.  
 #4-30-8-22

10. FIELD AND POOL, OR WILDCAT  
 Glen Bench

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 30, T8S, R22E, S.L.B.&M.

12. COUNTY OR PARISH  
 Uintah

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 1/2"	8 5/8"	24#	300'	(See attached drilling plan)
7 7/8"	5 1/2"	15.5#	7200'	(see attached drilling plan)

**CONFIDENTIAL**

MAY 08 1996

- M.I.R.U.
- Drill to T.D. 7200'
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- Well will be drilled with fresh water to 4500', then Chem Gel Mud to T.D. Mud will be in place to run 5 1/2" casing.

I hereby certify that I am 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. in the form of an irrevocable Letter of Credit issued by Colorado National Bank.

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 Robert L. Kay TITLE Agent for Chandler DATE 5-6-96

**CONDITIONS OF APPROVAL ATTACHED**

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 Bryan K. Johnson ACTING TITLE Assistant Field Manager Mineral Resources DATE SEP - 9 1996

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Chandler & Associates Inc.

Well Name & Number: Glen Bench Fed. 4-30-8-22

API Number: 43-047-32755

Lease Number: U-73974X

Location: NWNW Sec. 30 T. 8S R. 22E

**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 3M 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

The Surface casing will need to be extended to a minimum of **400 ft.** instead of the 300 ft. specified in the APD.

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 base of the Usable Water Zone, identified at  $\pm$  **766 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  $\pm$  **566 ft.** and shall 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. Two copies 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 (801) 789-4170  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

Jerry Kenczka (801) 789-1190  
Petroleum Engineer

BLM FAX Machine (801) 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 PLAN**  
Conditions of Approval (COA's)

**5.0 Environmental Impacts:**

" The area will have a closed production system. Produced water will be stored in closed tanks until it is either injected into injection wells, or hauled to approved disposal pits. Reserve pits containing well cuttings, clays, and additives for drilling are not considered hazardous. They will be buried at the well site.

The excess fluids left in the reserve pit after the well is drilled will be hauled to approved disposal pits."

**6.0 Mitigation Stipulations:**

**A. VEGETATION/LANDSCAPE**

Before the site is abandoned the company will be required to restore the well pad and access road to near their original state. The disturbed area will be reseeded with desirable perennial vegetation.

Although the road right-of-way will be 30 feet wide, the graded area of the road will be limited in most places to 21 feet. Where deep cuts are required, where intersections occur, and where sharp curves occur the road may be constructed wider than 21 feet.

Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the project area onto adjacent land, the company will also be responsible for their control.

**B. SOILS/RANGE/WATERSHEDS**

Soil erosion will be mitigated by reseeded all disturbed areas.

About 17 rods of fence will be constructed around the reserve pit until it is backfilled.

The reserve pit will be lined with an impervious synthetic liner.

A metal or fiberglass tank will be used for a closed production system instead of a disposal pit.

Production water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds.

Indiscriminate dumping of oil field byproducts on tribal lands will not be allowed.

Other Additions for the Surface Use Plan:  
(refer to the APD Surface Use Plan Items)

At the Chandler 4-30-8-22 well location the associated 6500 feet long surface gas flowline shall be buried at the major wash crossing and also be constructed to comply with other BIA specifications and stipulations. (see Map "D" in the APD)

Uintah Engineering & Land Surveying and Chandler have filed a proper notification letter which gives location, construction description, terrain description and statement of compliance with Nation Wide Permit 26 of the U.S. Army Corps of Engineers as required for construction of the road, upgrading the pipeline maintenance jeep trail where it crosses the major wash crossing to serve as an access road for the project. A copy of the letter is attached to the APD.(see Map"B" for the map they sent with the letter) Construction will be according to the description given in that letter.

**Item 7. Methods for Handling Waste Disposal.**

During a 90 day period following first production, in accordance with Onshore Order #7, an application for a permanent disposal method and location, along with required water analysis, shall be submitted for the approving officer's approval. Failure to file this application within the time allowed will be considered an incident of noncompliance.

**Item 10. Plans for the Restoration of Surface**

**b. Dry hole/Abandoned location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment to the BLM. Production facilities, miscellaneous items no longer needed at the location, and old surface flow lines for the location shall be removed. The operator should consult with the Bureau of Indian Affairs for reseeding and recontouring requirements and if there are any additional reclamation requirements.

On BIA administered lands: Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

- a. Re-establishing irrigation systems where applicable.
- b. Re-establishing soil conditions in irrigated fields in a way that ensures cultivation and harvesting of crops can be resumed.
- c. Ensuring that revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA occurs. These specifications should be determined when the operator consults with BIA following the plugging of the well. (Refer to the BIA concurrence for further comments)

**Item 12. Other Additional Information:**

**b. ON BIA administered lands:**

Operators' employees, including subcontractors, will not gather firewood along roads constructed by operators. If woodcutting is required a permit will be obtained according to BIA requirements of the Forestry Department of the BIA.

Proper rights-of-way agreements will be made for the project before the operator begins construction activities.

Roads will have appropriate signs. Signs will be neat and of sound construction. They will state: if the land is owned by the Ute Indian Tribe, the name of the operator, that firearms are prohibited to all non-Ute Tribal members, that permits must be obtained from the BIA before cutting firewood or other timber products, and only authorized personnel are permitted.

All wellsite locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, and the survey description of the well (either footages or the quarter-quarter section, section, township, and range).

A complete copy of the approved APD shall be on location during construction of the location and drilling activities.

**CONFIDENTIAL**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CHANDLER & ASSOCIATES

Well Name: GLEN BENCH 4-30-8-22

Api No. 43-047-32755

Section 30 Township 8S Range 22E County UINTAH

Drilling Contractor CHANDLER

Rig #: 7

SPUDDED:

Date: 9/22/96

Time: \_\_\_\_\_

How: ROTARY

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

Reported by: JIM SIMONTON

Telephone #: \_\_\_\_\_

Date: 9/26/96 Signed: JLT



**CHANDLER & ASSOCIATES, INC.**

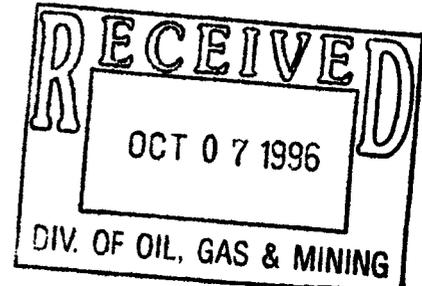
475 17TH ST. • SUITE 1000 • DENVER, COLORADO 80202 • 303 295-0400

OIL & GAS EXPLORATION AND PRODUCTION

FAX 303 295-0222

October 2, 1996

STATE OF UTAH  
Divison of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801



**RE: Well Information Confidentiality**

Chandler & Associates, Inc., as operator of the well listed below, respectively requests that all information regarding this well be held confidential.

Glen Bench Unit #4-30-8-22  
NW NW Section 30, T8S R22E  
Uintah County, Utah  
API #43 047 32755

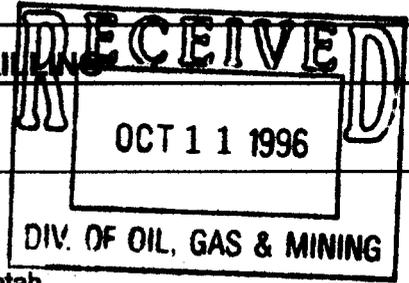
Should you have any questions or need any additional information, please feel free to contact me at (303) 295-0400.

Sincerely,

Thomas D. Taylor  
Production Geologist

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING



1. Well name and number: Glen Bench Unit #4-30-8-22

API number: 43-047-32755

2. Well Location: QQ NWNW Section 30 Township 8S Range 22E County Uintah

3. Well operator: Chandler & Associates, Inc.

Address: 475 17th Street, Suite 1000

Denver, Colorado 80202 Phone: (303) 295-040

4. Drilling contractor: Chandler Drilling Corporation

Address: 475 17th Street, Suite 1000

Denver, Colorado 80202 Phone: (303) 295-0400

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
3356'	3380'	12 bbls. per hour rate	fresh

6. Formation tops: 'Kicker' Zone 3356'

Glen Bench 4729'

\_\_\_\_\_

\_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 10-04-96

Name & Signature: D.M.(Don) Johnson

Title: Vice President of Operations 7/83)



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN D  ATE\*  
 Instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-73974X**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Ute Tribe**

7. UNIT AGREEMENT NAME

**Glen Bench Unit**

8. FARM OR LEASE NAME, WELL NO.

**Glen Bench 4-30-8-22**

9. API WELL NO.

**43-047-32755**

10. FIELD AND POOL OR WILDCAT

**Glen Bench**

11. SEC. T. R., M., OR BLOCK AND SURVEY  
OR AREA

**Sec. 30, T8S, R22E  
SLB&M**

12. COUNTY OR PARISH

**Uintah**

13. STATE

**Utah**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

**Chandler & Associates, Inc.**

3. ADDRESS AND TELEPHONE NO.

**475 17th Street, Suite 1000, Denver, CO 80202 303-295-0400**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

**1230' FNL, 513' FWL (NWNW)**

At top prod. Interval reported below

**Same**

At total depth

**Same**

14. PERMIT NO.

**43-047-32755**

DATE ISSUED

**9-9-96**

15. DATE SPUNDED

**9-20-96**

16. DATE T.D. REACHED

**9-30-96**

17. DATE COMPL. (Ready to prod.)

**2-5-97**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**4751' GR**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

**5009' MD**

21. PLUG, BACK T.D., MD & TVD

**4930' TD**

22. IF MULTIPLE COMPL.,

HOW MANY\*

**N/A**

23. INTERVALS

DRILLED BY

**→**

ROTARY TOOLS

**XXX**

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

**4731' - 4735' Glen Bench**

*GRRV*

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**DIFL/GR, CNL-CDL/GR, CBL**

*10-21-97*

27. WAS WELL CORED

**Yes**

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"		62'	17-1/2"	160 sx Class G	
8-5/8"	24#	410'	12-1/4"	300 sx Class G	
5-1/2"	15.5#	5000'	7-7/8"	135 sx Lite & 390 sx 50/50 Pozmix	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	4725'	

31. PERFORATION RECORD (Interval, size and number)

**INTERVAL  
4731' - 4735' w/4 JPF**

**SIZE  
.50"**

**NUMBER  
16**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4731' - 4735'	Frac w/9000# 16/30 sand & 330 bbls gelled water.
4731' - 4735'	Treat w/1000 gals. 7-1/2% HCl, 1260# 100 mesh & 10,540# 20/40

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
		<b>Shut-in</b>					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2-5-97	24		→	trace			5
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
	60#	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

**Jim Si monton**

35. LIST OF ATTACHMENTS

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

SIGNED

*[Signature]*

TITLE **Production Geologist**

DATE

*6/5/97*

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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);		38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Uintah	Surface	2266'	Sandstone & Shale	"Kicker" Zone	3356'	3356'
Green River	2266'	TD	Sandstone, Siltstone & Shale; Oil Shale and Dolomite--All interbedded.	"X" Marker	3930'	3930'
			No DST's	"Y" Marker	4569'	4569'
				Glen Bench Sandstone	4729'	4729'

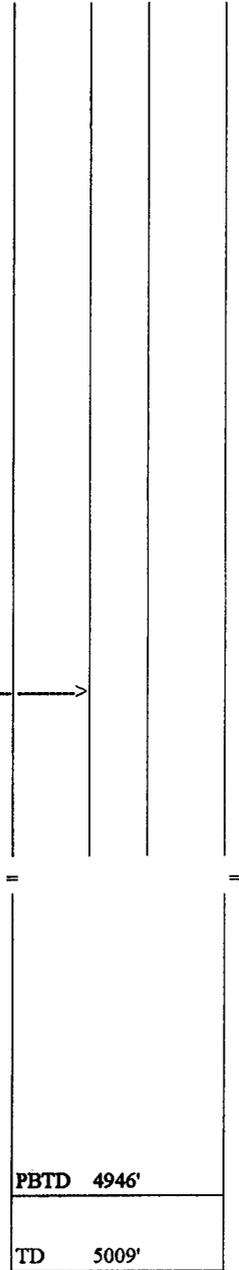
Well Name: **Glen Bench 4-30-8-22**  
 Location: **NWNW Sec. 30, T8S, R22E**  
 Field: **Glen Bench**  
 Spud Date: **9-21-96**  
 Completed: **2-5-97**

Date: **4-30-97**  
 County: **Uintah**  
 State: **Utah**  
 KB: **4763'**  
 GL: **4751'**

Surface Casing →  
 8-5/8" 24# set @ 410' KB.  
 Cemented w/300 sx Class G.

Production Casing →  
 5-1/2" 15.5 # J-55 LT&C set @ 5000' KB.  
 Float collar @ 4955'.  
 Cemented w/200 sx Lite & 390 sx 50/50  
 Poz-mix.

Tubing →  
 2-7/8" 6.5# EUE 8rd M-50.  
 SN @ 4693'  
 Tubing tail @ 4725'.



Perfs: 4731'-4735' (16 holes)

Formation Tops

Frac #1: 9000# 16/30 sand before screen  
 out in 2% KCL X-linked gel system.  
 Frac #2: 1000 gals 7-1/2% HCl, 1260#  
 100 mesh & 10,540# 20/40.

DST's:

PBTD 4946'

IP:

TD 5009'

**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>		<p>6. Lease Designation and Serial Number <b>UTU-73974X</b></p> <p>7. Indian Allottee or Tribe Name <b>Ute Tribe</b></p> <p>8. Unit or Communitization Agreement <b>Glen Bench Unit</b></p> <p>9. Well Name and Number <b>Glen Bench 4-30-8-22</b></p> <p>10. API Well Number <b>43-047-32755</b></p> <p>11. Field and Pool, or Wildcat <b>Uintah County, Utah</b></p>				
<p>1. Type of Well  <input type="checkbox"/> Oil Well     <input checked="" type="checkbox"/> Gas Well     <input type="checkbox"/> Other (specify)</p>						
<p>2. Name of Operator <b>Chandler &amp; Associates, LLC</b></p>						
<p>3. Address of Operator <b>475 17th Street, Suite 1000, Denver, CO 80202</b></p>	<p>4. Telephone Number Rangely 970-675-8451</p>					
<p>5. Location of Well</p> <table style="width: 100%;"> <tr> <td style="width: 60%;">Footage : <b>1230' FNL, 513' FWL</b></td> <td style="width: 40%;">County : <b>Uintah</b></td> </tr> <tr> <td>QQ, Sec, T., R., M. : <b>NWNW Sec. 30, T8S, R22E</b></td> <td>State : <b>Utah</b></td> </tr> </table>			Footage : <b>1230' FNL, 513' FWL</b>	County : <b>Uintah</b>	QQ, Sec, T., R., M. : <b>NWNW Sec. 30, T8S, R22E</b>	State : <b>Utah</b>
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QQ, Sec, T., R., M. : <b>NWNW Sec. 30, T8S, R22E</b>	State : <b>Utah</b>					

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p style="text-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 colspan="2"><input checked="" type="checkbox"/> Other <u>Request TA status</u></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 checked="" type="checkbox"/> Other <u>Request TA status</u>		<p style="text-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 colspan="2"><input type="checkbox"/> Other _____</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.</small></p> <p><small>* 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 type="checkbox"/> Other _____	
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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.)

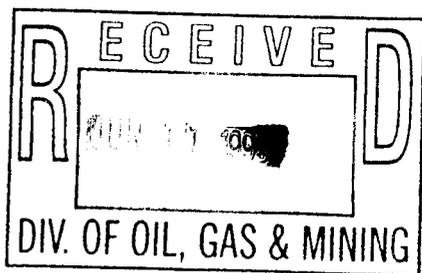
We request TA status for a period of one year pending review of newly drilled Wasatch wells in the area. Recent wells drilled by Chevron, Chandler & Coastal indicate a significant Wasatch potential. Based on future production and reservoir analysis, this well could potentially be deepened in the existing wellbore.

The well location is in an isolated area in regard to population and there are no known fresh aquifers that should come in contact with the wellbore. The well is visually checked daily by a contract pumper.

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

Name & Signature <u>Jim Simonton</u> <i>Jim Simonton jsp</i>	Title <u>Oper. Supervisor</u>	Date <u>06/09/99</u>
--	-------------------------------	----------------------

(State Use Only)



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

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

10. API Well Number

11. Field and Pool, or Wildcat

**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 -- for such proposals

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

2. Name of Operator  
*Shenandoah Energy Inc.*

3. Address of Operator  
*475 17th Street, Suite #1000 Denver, Colorado 80202*

4. Telephone Number  
*303-295-0400*

5. Location of Well  
Footage : Please see attached spreadsheet  
QQ, Sec. T., R., M. :

County :  
State :

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <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 _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |   |   |
|---|---|
| <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> |   |

Date of Work Completion \_\_\_\_\_

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.

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.)

*Please be advised that effective 1/1/200 Chandler & Associates, Inc has changed its name to Shenandoah Energy Inc. Shenandoah Energy Inc. is responsible under the terms and conditions of the lease for the operation conducted upon the leased lands.*

*Shenandoah Energy Inc. is bonded in the amount of \$80,000.00 to the School and Inst. Trust Lands via a name change rider filed with the State. Continental Casualty Bond # 159261960.*

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

Name & Signature Thomas D. Taylor

Title Production Geologist

Date 05/25/2000

(State Use Only)

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**MAY 30 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**SHENANDOAH ENERGY INC.  
UTAH OPERATED WELLS**

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-047-15090-00	04915	WRU	#31-4	SWSE 4, 8S-22E	WHITE RIVER		GREENRIVER	WSW	891003509D
43-047-15081-00	04915	WRU	#16-9	SWSE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15084-00	04915	WRU	#20-9	NESW 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15087-00	04915	WRU	#25-9	NENE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31354-00	05170	WRU	#43-16	NENW 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-31399-00	09915	WRU	#45-16	NENE 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-32052-00	11468	DESERT SPRINGS FED.	#20-1	NESW 20, 10S-18E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32088-00	12497	W. DESERT SPRING	#11-20	NESW 20, 10S-17E	WILDCAT	WSTC	WASATCH	OW	
43-013-32057-00	12497	W. RIVER BEND	#16-17-10-17	SESE 17, 10S-17E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-31888-00	12497	W. RIVER BEND	#3-12-10-15	NENW 12, 10S-15E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32084-00	12497	WILKIN RIDGE	#13-23	SWSW 23, 10S-16E	WILDCAT	WSTC	GREEN RIVER	OW	
43-047-33163-00		DESERT SPRING	#7-30-10-18	SWNE 30, T10S-R18E	APD	WSTC			

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**MAY 30 2000**

**DIVISION OF  
OIL, GAS AND MINING**

# RECEIVED

MAY 30 2000

DIVISION OF  
OIL, GAS AND MINING

SHENANDOAH ENERGY INC.  
UTAH OPERATED WELLS

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-015-30168-00	10684	BUZZARD BENCH FED	#6-3	SENW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30229-00	10670	BUZZARD BENCH FED	#3-24	SESW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30110-00	10685	FERRON FED	#16-20	SESE 20, 17S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-015-30257-00	11837	FERRON FEDERAL	#7-12-19-7	SWNE 12, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30000-00		FERRON FEDERAL	#16-9-10-7	SESE 9, 19S-7E	FERRON		FERRON	DRG	
43-015-3025300	11836	FERRON STATE	#4-36	SWNW 36, 18S-7E	BUZZARD BENCH	FRSD	FERRON	GW	
43-015-30222-00	11029	ORANGEVILLE FED	#1-11	NENE 11, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	891020388A
43-015-30221-00	10600	ORANGEVILLE FED	#4-1	NWNW 1, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30102-00	10920	ORANGEVILLE ST	#1-36	SESE 36, 18S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	8910203880
43-015-30179-00	00535	ORANGEVILLE STATE	#10-2	NWSE 2, 19S-7E	BUZZARD BENCH	FRSD	LOWER FERRON	GW	891020388A
43-015-30108-00	10978	ORANGEVILLE UNIT	#16-6	SESE 6, 18S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-047-33164-00	12496	DESERT SPRING	#16-19-10-18	SESE 19, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-3316200	12523	DESERT SPRING	#3-29-10-18	NWNE 29, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-32493-00	11630	E COYOTE FEDERAL	#14-4-8-25	SESW 4, 8S-25E	EAST COYOTE FEDERAL	GRRV	GREENRIVER	OW	
43-047-31555-00	09497	ANTELOPE DRAW	#2-17-4C	SESW 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31556-00	09498	ANTELOPE DRAW	#3-17-3C	SESE 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32476-00	11862	GLEN BENCH	#8-19	SENE 19, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31257-00	11587	GLEN BENCH FED	#44-19	L 20 19, 8S-22W	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31355-00	11588	GLEN BENCH FED	#13-20	NWSW 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31356-00	06135	GLEN BENCH FED	#22-20	SENW 20, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-31433-00	06196	GLEN BENCH FED	#31-20	NWNE 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31008-00	06045	GLEN BENCH FED	#31-30	L 6 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31260-00	06050	GLEN BENCH FED	#22-30	SENW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32549-00	11716	GLEN BENCH STATE	#6-16	SENW 16, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32582-00	11716	GLEN BENCH STATE	#7-16	SENE 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32583-00	11732	GLEN BENCH STATE	#12-16	NWSW 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32756-00	11955	GLEN BENCH UNIT	#15-19-8-22	SWSE 19, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-32755-00	12014	GLEN BENCH UNIT	#4-30-8-22	NWNW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32857-00	12219	GLEN BENCH UNIT	#11-16-8-22	NESW 16, 8S-22E	GLEN BENCH	GRGBS	GREEN RIVER	OW	UTU73974X
43-013-3147700	12248	UTD WALTON	#26-03	NENW 26, 9S-16E	MONUMENT BUTTE	GRRV	GREEN RIVER	OW	
43-047-33252-00	12527	GLEN BENCH STATE	#2-36-8-21	NENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33037-00	12377	GLEN BENCH STATE	#8A-36-8-21	SWNE 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33038-00	12378	GLEN BENCH STATE	#6-36-8-21	SENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-32746-00	11944	SAGE GROUSE FEDERAL	#6-14-8-22	SENW 14, 8S-22E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-32724-00	12361	SAGE GROUSE FEDERAL	#8-36-8-21	SENE 36, 8S-21E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-3309500	12528	WHITE RIVER UNIT	#13-35-8-22	SWSW 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3306100	12528	WHITE RIVER UNIT	#15-35-8-22	SWSE 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3275400	12003	FLU KNOLLS FED.	#23-3	NESW 3, 10S-18E	UTELAND BUTTE	GRRV	GREEN RIVER	OW	
43-047-15083-00	04915	WHITE RIVER UNIT	#19-9	SWNE 9, 8S-22E	WHITE RIVER		GREENRIVER	WIW	891003509D
43-047-15080-00	04915	WRU	#15-9	NESE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15085-00	04915	WRU	#24-10	NESW 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15086-00	04915	WRU	#27-10	SWNE 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31561-00	10000	WRU	#47-10	L1 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	



# 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



# 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  
UT-931

August 24, 2000

Attn: Scott M. Webb  
Shenandoah Energy Inc.  
465 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Glen Bench Unit  
Uintah County, Utah

Gentlemen:

On August 24, 2000, we received an indenture dated August 18, 2000, whereby Shenandoah Operating Company, L.L.C. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Glen Bench Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 24, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Glen Bench Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Glen Bench Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Glen Bench Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:8/24/00

## Results of query for MMS Account Number UTU73974X

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Qu
4304731008	CHANDLER & ASSOCIATES LLC	31-30 GLEN BENCH	POW	UTU9617	UTU73974X	8S	22E	30	NW
4304731257	CHANDLER & ASSOCIATES LLC	44-19 GLENBENCH	ABD	UTU9617	UTU73974X	8S	22E	19	SE
4304731260	CHANDLER & ASSOCIATES LLC	22-30 BENCH GLEN	TA	UTU9617	UTU73974X	8S	22E	30	SE
4	CHANDLER & ASSOCIATES LLC	<del>49-19</del>	<del>POW</del>	<del>STATE</del>	<del>UTU73974X</del>	<del>8S</del>	<del>22E</del>	<del>30</del>	<del>NW</del>
4304731355	CHANDLER & ASSOCIATES LLC	13-20 NGC	POW	UTU9617	UTU73974X	8S	22E	20	NW
4304731356	CHANDLER & ASSOCIATES LLC	22-20 NGC	WIW	UTU69001	UTU73974X	8S	22E	20	SE
4304731399	CHANDLER & ASSOCIATES LLC	45-16 WHITE RIVER	POW	STATE	UTU73974X	8S	22E	16	NE
4304731433	CHANDLER & ASSOCIATES LLC	31-20 FEDERAL	POW	UTU69001	UTU73974X	8S	22E	20	NW
4304731555	CHANDLER & ASSOCIATES LLC	2-17-4C ANTELOPE	POW	UTU65276	UTU73974X	8S	22E	17	SE
4304731556	CHANDLER & ASSOCIATES LLC	3-17-3C ANTELOPE	POW	UTU65276	UTU73974X	8S	22E	17	SE
	CHANDLER								

4304732476	& ASSOCIATES LLC	GLEN BENCH 8-19	POW	UTU65404	UTU73974X	8S	22E	19	SEI
4304732549	CHANDLER & ASSOCIATES LLC	GLEN BENCH 6-16	POW	STATE	UTU73974X	8S	22E	16	SEI
4304732582	CHANDLER & ASSOCIATES LLC	GLEN BENCH 7-16	WIW	STATE	UTU73974X	8S	22E	16	SW
4304732583	CHANDLER & ASSOCIATES LLC	GLEN BENCH 12-16	WIW	STATE	UTU73974X	8S	22E	16	NW
4304732718	CHANDLER & ASSOCIATES LLC	GLEN BENCH 8-17	P+A	UTU65276	UTU73974X	8S	22E	17	SEI
4304732755	CHANDLER & ASSOCIATES LLC	4-30-8-22	POW	UTU9617	UTU73974X	8S	22E	30	NW
4304732756	CHANDLER & ASSOCIATES LLC	GLEN BENCH 15-19	<del>POW</del> WJL	UTU9617	UTU73974X	8S	22E	19	SW
4304732857	CHANDLER & ASSOCIATES LLC	GLEN B 11-16-8-22	POW	STATE	UTU73974X	8S	22E	16	NE

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS ✓
2. CDW ✓		5- <del>STJ</del> ✓
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: **08-24-2000**

<b>FROM:</b> (Old Operator):
CHANDLER & ASSOCIATES INC
Address: 475 17TH STREET STE 1000
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account No. N3320

<b>TO:</b> ( New Operator):
SHENANDOAH ENERGY INC
Address: 475 17TH STREET STE 1000
DENVER, CO 80202
Phone: 1-(303)-295-0400
Account N4235

**CA No.**

**Unit: GLEN BENCH**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
GLEN BENCH STATE 2-36-8-21	43-047-33252	12527	36-08S-21E	STATE	GW	P
GLEN BENCH STATE 8A-36-8-21	43-047-33037	12377	36-08S-21E	STATE	GW	P
GLEN BENCH STATE 6-36-8-21	43-047-33038	12378	36-08S-21E	STATE	GW	P
GLEN BENCH STATE 6-16	43-047-32549	11716	16-08S-22E	STATE	OW	S
GLEN BENCH 8-17	43-047-32718	11818	17-08S-22E	FEDERAL	OW	PA
GLEN BENCH 44-19	43-047-31257	11587	19-08S-22E	FEDERAL	OW	PA
GLEN BENCH 8-19	43-047-32476	11862	19-08S-22E	FEDERAL	OW	P
NGC 13-20	43-047-31355	11588	20-08S-22E	FEDERAL	OW	P
GLEN BENCH 31-30	43-047-31008	6045	30-08S-22E	FEDERAL	OW	P
GLEN BENCH 22-30	43-047-31260	6050	30-08S-22E	FEDERAL	OW	TA
GLEN BENCH 4-30-8-22	43-047-32755	12014	30-08S-22E	FEDERAL	OW	P
GLEN BENCH STATE 11-16-8-22	43-047-32857	12219	16-08S-22E	STATE	OW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/30/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 05/30/2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 11/02/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 1467732-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. **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
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/24/2000
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") Pro:** 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: 11/02/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/02/2000
3. Bond information entered in RBDMS on: \_\_\_\_\_
4. Fee wells attached to bond in RBDMS on: \_\_\_\_\_

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 159261960

**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: 3.2.01

**FILING:**

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

**COMMENTS:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
**UTU-9617**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA, Agreement Designation  
**Natural Buttes Unit**

8. Well Name and No.  
**GB 4-30-8-22**

9. API Well No.  
**43-047-32755**

10. Field and Pool, or Exploratory Area  
**Glen Bench**

11. County or Parish, State  
**Uintah County, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other

2. Name of Operator  
**SHENANDOAH ENERGY INC.**

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526** **Jane Pennell (435) 828-3038**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1230' FNL, 513' FWL, NWNW Sec. 30, T8S, R22E**

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please be advised that we intend to plug & abandon this well as follows:

- 1) MIRU well service unit. ND wellhead & NU BOP's. POOH w/2-7/8" tubing.
- 2) RIH w/tubing to 4725' and circulate clean w/hot water. POOH w/tubing.
- 3) RIH w/5-1/2" CIBP & set @ 4700'. Dump bail 35' cement on top of plug.
- 4) Set balanced plugs 2400' - 2600' & 1500' - 1700'.
- 5) Perforate @ 100' w/4 spf. Establish circulation and pump good cement to surface.
- 6) Cut off wellhead & insure cement to surface. Install dry hole marker & rehab per BLM specifications.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 12/10/2002  
By: [Signature]  
Federal Approval Of This  
Action Is Necessary

Proposed P&A wellbore attached.

3 - BLM, 2 - Utah OG&M, 1 - Denver, 1 - file, Word File - server

COPY SENT TO OPERATOR  
Date: 12-10-02  
Initials: CHD

14. I hereby certify that the foregoing is true and correct.  
Signed: [Signature] Title: Completion Supervisor Date: 11-8-02

(This space for Federal or State office use)  
Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_





Shenandoah Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

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

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

N4235) to QEP (N2460) GLEN BENCH UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
ANTELOPE DRAW 2-17-4C	17	080S	220E	4304731555	13727	Federal	OW	P	
ANTELOPE DRAW 3-17-3C	17	080S	220E	4304731556	13727	Federal	OW	S	
FED 31-20	20	080S	220E	4304731433	13727	Federal	OW	P	
GLEN BENCH 31-30	30	080S	220E	4304731008	13727	Federal	OW	P	
GLEN BENCH 4-30-8-22	30	080S	220E	4304732755	13727	Federal	OW	TA	
GLEN BENCH 8-19	19	080S	220E	4304732476	13727	Federal	OW	P	
NGC 13-20	20	080S	220E	4304731355	13727	Federal	OW	P	
WHITE RIVER U 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
GLEN BENCH U 11-16-8-22	16	080S	220E	4304732857	13727	State	OW	P	
WHITE RIVER U 43-16	16	080S	220E	4304731354	5170	State	OW	P	
WHITE RIVER U 45-16	16	080S	220E	4304731399	13727	State	OW	P	
GLEN BENCH FED 22-20	20	080S	220E	4304731356	13727	Federal	WI	A	
GLEN BENCH U 15-19-8-22	19	080S	220E	4304732756	13727	Federal	WI	A	
GLEN BENCH ST 12-16	16	080S	220E	4304732583	13727	State	WI	A	
GLEN BENCH ST 6-16	16	080S	220E	4304732549	13727	State	WI	A	
GLEN BENCH ST 7-16	16	080S	220E	4304732582	13727	State	WI	A	

# Wellbore Diagram

**API Well No:** 43-047-32755-00-00 **Permit No:**  
**Company Name:** SHENANDOAH ENERGY INC  
**Location:** Sec: 30 T: 8S R: 22E Spot: NWNW  
**Coordinates:** X: 628708 Y: 4439577  
**Field Name:** NATURAL BUTTES  
**County Name:** Uintah

**Well Name/No:** GLEN BENCH 4-30-8-22

### String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	62	17.5		
SURF	62	13.375		
HOL2	410	12.25		
II	410	8.625	24	410
HOL3	5000	7.875		
PROD	5000	5.5	15.5	5000
T1	4725	2.875		

### Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	410		G	300
PROD	5000		LT	135
PROD	5000		PC	390
SURF	62	0	G	160

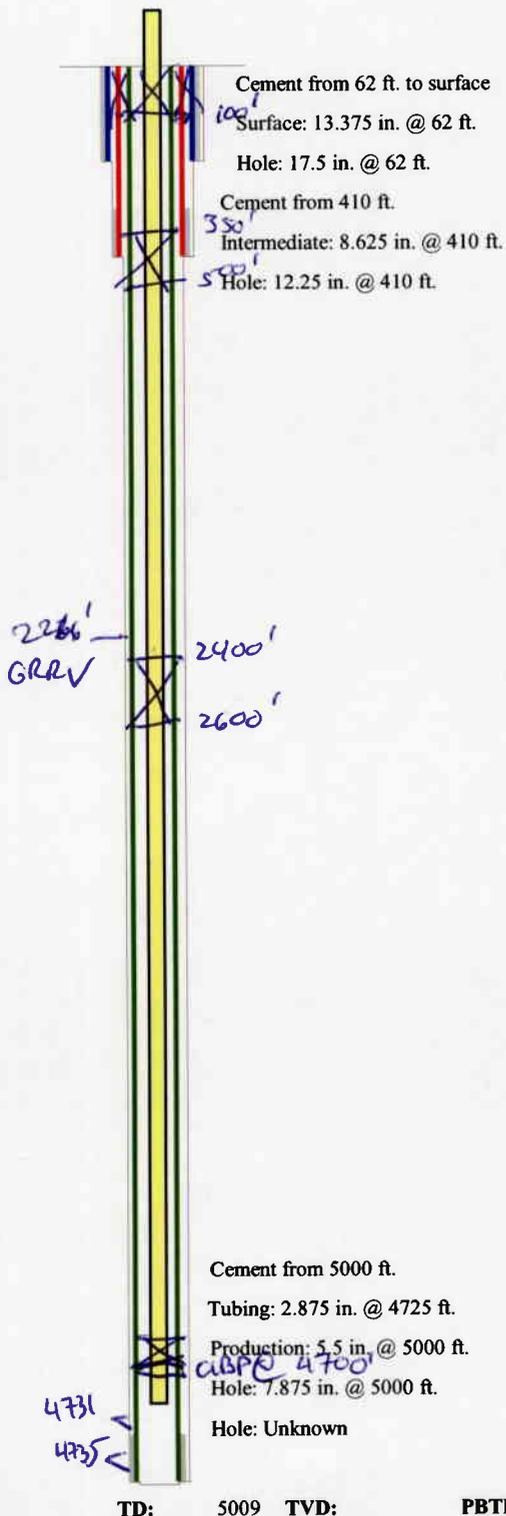
### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4731	4735			

### Formation Information

Formation	Depth	Formation	Depth
UNTA	0		
GRRV	2266		

*BMSGW ≈ ± 750' - 1000'*



**TD:** 5009 **TVD:** **PBTD:**



# 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  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Glen Bench Enhanced Recovery Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Glen Bench Enhanced Recovery Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Glen Bench Enhanced Recovery Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Glen Bench Enhanced Recovery Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File – Glen Bench Enhanced Recovery Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

**JUL 07 2003**

3104 (932.34)WF  
Nationwide Bond ESB000024

**NOTICE**

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

**Name Change Recognized**

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFU



6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **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: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** 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: 8/28/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 8/28/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

WELL NAME	CA No.	SEC TWN RNG	API NO	Unit:	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS			*	GLEN BENCH UNIT			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries 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: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** 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: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
 GLEN BENCH (ENHANCED RECOVERY) UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 8D-20-8-22	GB 8D-20-8-22	SENE	20	080S	220E	4304737665	15977	Federal	GW	DRL
WHITE RIVER U 16-9	WR 16-9	SWSE	09	080S	220E	4304715081	4915	Federal	OW	S
GLEN BENCH 31-30	GLEN BENCH 31-30	NWNE	30	080S	220E	4304731008	13727	Federal	OW	P
NGC 13-20	GB 13-20	NWSW	20	080S	220E	4304731355	13727	Federal	OW	P
GLEN BENCH FED 22-20	GB 22-20	SENE	20	080S	220E	4304731356	13727	Federal	WI	A
FED 31-20	GB 31-20	NWNE	20	080S	220E	4304731433	13727	Federal	OW	P
ANTELOPE DRAW 2-17-4C	GB 2-17	SESW	17	080S	220E	4304731555	13727	Federal	OW	P
ANTELOPE DRAW 3-17-3C	GB 3-17	SESE	17	080S	220E	4304731556	13727	Federal	OW	S
GLEN BENCH 8-19	GB 8-19	SENE	19	080S	220E	4304732476	13727	Federal	OW	P
GLEN BENCH 4-30-8-22	GB 4-30-8-22	NWNW	30	080S	220E	4304732755	13727	Federal	OW	S
GLEN BENCH U 15-19-8-22	GB 15-19-8-22	SWSE	19	080S	220E	4304732756	13727	Federal	WI	A
OU GB 1G-19-8-22	OU GB 1G-19-8-22	NENE	19	080S	220E	4304734696	13727	Federal	OW	S
OU GB 2W-30-8-22	GB 2ML-30-8-22	NWNE	30	080S	220E	4304735080	14816	Federal	GW	P
GB 8ML-17-8-22	GB 8ML-17-8-22	SENE	17	080S	220E	4304737995		Federal	GW	APD
WHITE RIVER U 43-16	WR 43-16	NENW	16	080S	220E	4304731354	5170	State	OW	S
WHITE RIVER U 45-16	GB 45-16	NENE	16	080S	220E	4304731399	13727	State	OW	P
GLEN BENCH ST 6-16	GB 6-16	SENE	16	080S	220E	4304732549	13727	State	WI	A
GLEN BENCH ST 7-16	GB 7-16	SWNE	16	080S	220E	4304732582	13727	State	WI	A
GLEN BENCH ST 12-16	GB 12-16	NWSW	16	080S	220E	4304732583	13727	State	WI	A
GLEN BENCH U 11-16-8-22	GB 11-16-8-22	NESW	16	080S	220E	4304732857	13727	State	OW	P
GB 1MU-16-8-22	GB 1MU-16-8-22	NENE	16	080S	220E	4304734656	14251	State	GW	P
OU GB 7W-16-8-22	OU GB 7W-16-8-22	SWNE	16	080S	220E	4304734659	13747	State	GW	P

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		<b>9. API NUMBER:</b> attached
COUNTY: Uintah		<b>10. FIELD AND POOL, OR WILDCAT:</b>
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

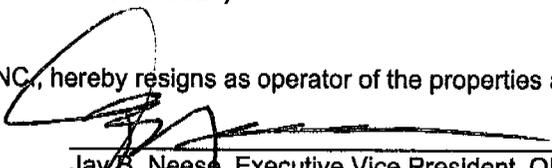
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

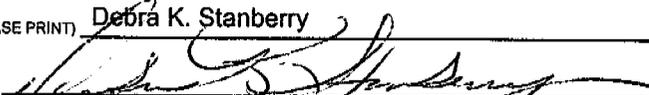
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

  
Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

  
Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE  DATE 3/16/2007

(This space for State use only)

**RECEIVED**  
**APR 19 2007**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Starberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

(This space for State use only)

**RECEIVED**  
**APR 19 2007**  
DIV. OF OIL, GAS & MINING



# 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  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Glen Bench Enhanced Recovery Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Glen Bench Enhanced Recovery Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Glen Bench Enhanced Recovery Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Glen Bench Enhanced Recovery Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Glen Bench Enhanced Recovery Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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.  
see attached list

6. If Indian, Allottee or Tribe Name  
see attached list

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other see attached list		7. If Unit of CA/Agreement, Name and/or No. see attached list
2. Name of Operator Questar Exploration and Production Company		8. Well Name and No. see attached list <b>GB 4-30-8-22</b>
3a. Address 11002 East 17500 South, Vernal, UT 84078-8526	3b. Phone No. (include area code) (435) 781-4341	9. API Well No. see attached list <b>43 047 32755</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See attached list <b>8S 22E 30</b>		10. Field and Pool or Exploratory Area see attached list
		11. Country or Parish, State Utah, Utah

12. CHECK THE 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 type="checkbox"/> Plug and Abandon	<input checked="" 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Questar Exploration and Production Company (QEP) requests approval for 12 month temporary abandonment status for the attached list of wells.

QEP believes these wells have uphole gas potential and plan to test these wells for future production. Due to the current natural gas prices it is uneconomic to perform the work at this time. It is anticipated that a wellhead price of \$5.00/MCF will be sufficient to justify the work. It is anticipated that these wells will be in TA status for up to two years.

These wells will be placed on production or plugged and abandoned based on the results of these tests.

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**JUL 30 2009**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lucius McGillivray		Title Associate Petroleum Engineer
Signature		Date 07/28/2009

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

Approved by	Title <b>Ret. Eng.</b>	Date <b>7/7/10</b>
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 <b>DOG m</b>	Federal Approval of This Action is Necessary

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

(Instructions on page 2) \* Based on discussions w/ BLM - Ryan Angus & Plan of Action agreed upon by BLM

Wells with uphole gas potential											
API #	Field	Well Name	Well #	Lease #	Tribe	Status	QTR	SEC	TWN	RNG	Last Prod
4304734248	Wonsits Valley	WV	12W-12-8-21	UTU0806	Ute	TA	NWSW	12	8S	21E	Mar '06
4304734469	Wonsits Valley	WV	8W-7-8-22	UTU022158	N/A	SI	SENE	7	8S	22E	never
4304715258	Redwash	RW	21-18B	UTU0116	N/A	TA	NENW	18	7S	23E	Aug '04
4304731556	Glen Bench	GB	3-17	UTU65276	N/A	SI	SESE	17	8S	22E	Jul '04
4304730199	Redwash	RW	13-27B	UTU0933	N/A	TA	NWSW	27	7S	23E	Aug '04
4304733994	Wonsits Valley	SU	13W-5-8-22	UTU76508	N/A	SI	SWSW	5	8S	22E	Dec '05
4304734279	Wonsits Valley	WV	12w-14-8-21	UTU0807	Ute	SI	NWSW	14	8S	21E	Dec '04
4304735099	Wonsits Valley	SG	11SG-23-8-22	UTU9645	N/A	SI	NESW	23	8S	22E	May '04
4304715423	Wonsits Valley	WV	2-29-7-22	UTU76507	N/A	DSI	NESW	29	7S	22E	never
4304715295	Redwash	RW	43-24B	UTU082	N/A	TA	NESE	24	7S	23E	Sep '01
4304730259	Redwash	RW	43-26B	UTU0566	N/A	TA	NESE	26	7S	23E	Aug '04
4304715081	White River	WR	16-9	UTU43915	N/A	SI	SWSE	9	8S	22E	Nov '98
4304730344	Redwash	RW	12-36B	UTU0566	N/A	TA	SWNW	36	7S	23E	Dec '05
4304730311	Redwash	RW	12-26B	UTU0566	N/A	TA	SWNW	26	7S	23E	Apr '05
4304732755	Glen Bench	RW (GB)	4-30-8-22	UTU9617	Ute	OSI	Lot 8	30	8S	22E	never '97

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: (New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	--

CA No.		Unit:		GLEN BENCH ENH REC				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- 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: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1 TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
PHONE NUMBER: (303) 672-6900		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY: Attached		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:  
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*  
 Utah State Bond Number: ~~965003033~~  
 Fee Land Bond Number: ~~965003033~~ } *965010695*  
 BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED *6/13/2010*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
**GLEN BENCH ENH REC**  
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GLEN BENCH 31-30	30	080S	220E	4304731008	13727	Federal	OW	P	
WR 43-16	16	080S	220E	4304731354	5170	State	OW	P	
GB 13-20	20	080S	220E	4304731355	13727	Federal	OW	S	
GB 45-16	16	080S	220E	4304731399	13727	State	OW	P	
GB 31-20	20	080S	220E	4304731433	13727	Federal	OW	P	
GB 2-17	17	080S	220E	4304731555	13727	Federal	OW	P	
GB 3-17	17	080S	220E	4304731556	13727	Federal	OW	TA	
GB 8-19	19	080S	220E	4304732476	13727	Federal	OW	P	
GB 4-30-8-22	30	080S	220E	4304732755	13727	Federal	OW	S	
GB 11-16-8-22	16	080S	220E	4304732857	13727	State	OW	P	
GB 1MU-16-8-22	16	080S	220E	4304734656	14251	State	GW	P	
OU GB 7W-16-8-22	16	080S	220E	4304734659	13747	State	GW	P	
OU GB 1G-19-8-22	19	080S	220E	4304734696	13727	Federal	OW	P	
GB 2ML-30-8-22	30	080S	220E	4304735080	14816	Federal	GW	P	
GB 8D-20-8-22	20	080S	220E	4304737665	15977	Federal	GW	P	
GB 13AML-17-8-22	17	080S	220E	4304739227		Federal	GW	APD	C
GB 4DML-20-8-22	20	080S	220E	4304739228		Federal	GW	APD	C
GB 12DML-20-8-22	20	080S	220E	4304739229		Federal	GW	APD	C
GB 16BML-19-8-22	19	080S	220E	4304739233		Federal	GW	APD	C



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Robert Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-9617
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GLEN BENCH ENH REC
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> GB 4-30-8-22
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY	<b>9. API NUMBER:</b> 43047327550000
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, Ut, 84078	<b>PHONE NUMBER:</b> 303 595-5919 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1230 FNL 0513 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 30 Township: 08.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>7/1/2016</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

QEP ENERGY COMPANY REQUESTS APPROVAL TO PLUG AND ABANDON THE GB 4-30-8-22. PLEASE SEE ATTACHED PROCEDURES TO PLUG AND ABANDON. FINAL RECLAMATION OF THIS SITE WILL COMMENCE WITHIN ONE YEAR OF PLUGGING THE WELL.

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

Date: \_\_\_\_\_  
 By: *Derek Dunt*  
 April 28, 2016

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Jan Nelson	<b>PHONE NUMBER</b> 435 781-4331	<b>TITLE</b> Permit Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/26/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047327550000**

**A minimum 100' cement plug shall be placed on CIBP for Plug #1 as required by R649-3-24-3.2.**

<b>P&amp;A Wellbore</b>
-------------------------

<b>Well Name:</b>	<b>GB 4-30-8-22</b>	<b>AFE:</b>	
<b>Field:</b>	<b>Natural Buttes</b>	<b>Well Code:</b>	<b>301109101</b>
<b>Location:</b>	NW NW Sec 30 Twp 8s Rge. 22E		
<b>County:</b>	Uintah	<b>State:</b>	Utah
<b>API:</b>	43-047-32755		
<b>WI:</b>	100.00%		
<b>NRI:</b>	78.39%		

<b>Well Data:</b>	<b>TD:</b>	5,009	<b>PBTD:</b>	4,946
	<b>GL:</b>	4,751	<b>KB:</b>	4,763

**Casing & Cementing:**

**Surface:** 12 1/4" Hole Size  
8-5/8" 24#, J-55 set @ 410'.  
Cement w/ 300 sks

**Production:** 7 7/8" Hole Size  
5-1/2" 15.5# J-55 set @ 5000'  
Cement w/ 525 sks  
TOC @ ~ 870'

**Perforations:** 4731'-35' Open

**Operation:** P&A wellbore

**Program:**

MIRU service unit, kill well if necessary, ND WH and NU BOP  
POOH w/ 2-7/8" tubing  
RU Wireline, RIH w/ CIBP and set @ ±4,650', RD wireline  
RIH with open ended to top of CIBP  
Fill hole with a minimum 9 ppg fluid, if well was dead, water may be used to fill the hole  
RIH w/ 2-7/8" tubing and spot 35' cement on top of CIBP  
Pull up 19 stands and reverse circulate to clear tubing  
Fill wellbore w/ displacement fluid (containing corrosion inhibitor and biocide)  
Green River Top - POOH with tubing to 2166', balance a cement plug from 2166' to 2366'  
Pull up 19 stands and reverse circulate to clear tubing  
POOH w/ 2-7/8" tubing  
RU wireline, perforate the casing at 460', RD wireline  
RIH with 2-7/8" tubing, Attempt to circulate up annulus with fluid  
Pump cement down casing and up annulus, or until good returns are seen at surface  
Ensure 3' of working space to cut off wellhead later  
RD Floor, ND BOP  
Cut off wellhead 3' below ground and weld on a dry hole marker  
GPS wellhead location and note on report  
Clean up location, RDMO

P&A Wellbore

FIELD: Natural Buttes

TD: 5009 ' PBD: 4946 '

Start Date: 1/6/10 Finish Date: 1/9/10

Well: Glen Bench Federal # 4-30-8-22

KB: 4763 ' GRD: 4751 '

Current Well Status:

Location: NW NW Sec 30 Twp 8s Rge

API#: 43-047-32755

Uintah County, Utah

Reason for Pull/Workover:

Wellbore Schematic

Surface casing

Size: 8 5/8"  
Weight 24#  
Grade: J-55 LTxC  
Cmtd w/ 300 SXS, class G

Hole size: 12 1/4"  
Set @ 410' (G.L.)

TOC @ 870'

EXCLUDED PERFS

OPEN PERFS

GR Top @ 2,266'

CIBP w/ 35' CMT  
Set @ 4,650'

4731'-4735'

Production Casing

Size: 5 1/2"  
Weight 15.5#, J-55  
Cmtd w/ 525 SXS  
Set @ 5000'  
Hole size 7 7/8"

PBD @ 4946 '  
Float Collar @ 4955 '  
TD @ 5009 '

Tubing Landing Detail:

Description	Size	Footage	Depth
KB to Tbg Head			
60 jts. 2-7/8" J-55 tbg.			
notch collar			

TUBING INFORMATION

Condition:

New: \_\_\_\_\_ Used: \_\_\_\_\_ Rerun: \_\_\_\_\_

Grade: J-55

Weight (#/ft): 6.5

Wellhead Detail:

7 1/16" 2000# \_\_\_\_\_

7 1/16" 3000# \_\_\_\_\_

7 1/16" 5000# \_\_\_\_\_

Other: \_\_\_\_\_

Hanger: Yes  No \_\_\_\_\_

SUMMARY:

RIH w/CIBP and set @ 4,650'

Circulate a minimum of 35' of cement on top of CIBP

POOH with tubing to 2166', balance a cement plug from 2166' to 2366'

RU wireline, perforate the casing at 460', RD wireline

RIH with 2-7/8" tubing. Attempt to circulate up annulus with fluid

Pump cement down casing and up annulus, or until good returns are seen at surface

Ensure 3' of working space to cut off wellhead later

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