

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

Location abandoned: well never drilled

DATE FILED **2-3-83**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-36905** INDIAN

DRILLING APPROVED: **7-6-83 - GAS**

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: **1-18-84 LA**

FIELD: **396 Book Cliffs**

UNIT: **Book Cliffs**

COUNTY: **Grand County**

WELL NO. **Book Cliffs Unit #6** API #43-019-31079

LOCATION **1432 FSL** FT. FROM (N) (S) LINE. **1155 FWL** FT. FROM (E) (W) LINE. **NWSW** 1/4 - 1/4 SEC. **33**

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR |
|------|------|------|----------|------|------|------|----------|
|------|------|------|----------|------|------|------|----------|

18S 22E 33 TXQ PRODUCTION CORP.

There is no record on
file in this office, or the
Fed office of a change
in operator for this unit.
There is not a valid 1983
plan of development. ✓

Requested a copy of valid
PDS and change of operator
as per Karen Laurie Bow
2-7-83 303-861-4246

[Signature]

TXO is now unit operator
as per Bob Henrichs - BLM

✓ 7/6/83 Bob Henrichs, BLM advised
of operator change to
TXO Prod. Corp. ad.

17

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
 OIL WELL GAS WELL OTHER _____
 SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR
 TXO Production Corp. Attn: Karen P. Laurie *Bow*

4. ADDRESS OF OPERATOR
 1800 Lincoln Center Building, Denver, CO 80264

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 1432' FSL, 1155' FWL, Section 33-T18S-R22E
 At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 18 miles NW of Cisco, Utah

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
 1155'

8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2760'

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5802' GR

10. NO. OF ACRES IN LEASE
 640

11. PROPOSED DEPTH
 5225'

12. NO. OF ACRES ASSIGNED TO THIS WELL
 320

13. ROTARY OR CABLE TOOLS
 Rotary

14. APPROX. DATE WORK WILL START*
 April 1, 1983

15. LEASE DESIGNATION AND SERIAL NO.
 U-36905

16. IF INDIAN, ALLOTTEE OR TRIBE NAME
 - - -

17. UNIT AGREEMENT NAME
 Book Cliffs Unit

18. FARM OR LEASE NAME
 - - -

19. WELL NO.
 #6

20. FIELD AND POOL, OR WILDCAT
 Book Cliffs

21. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 33-T18S-R22E

22. COUNTY OR PARISH 23. STATE
 Grand Utah

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 24" | 16" | Corrugated Iron | 40' | 2 yards |
| 12 1/2" | 9 5/8" | 36# | 300' | 160 sacks |
| 8 3/4" | 7" | 20# | 1950' | 200 sacks |
| 6 1/4" | 4 1/2" | 10.5# | 5225' | 150 sacks |

RECEIVED
FEB 03 1983

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
DATE: 01/31/83
BY: [Signature]

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Ronald E. Dashner TITLE District Drilling Manager DATE January 31, 1983
 Ronald E. Dashner
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY: _____

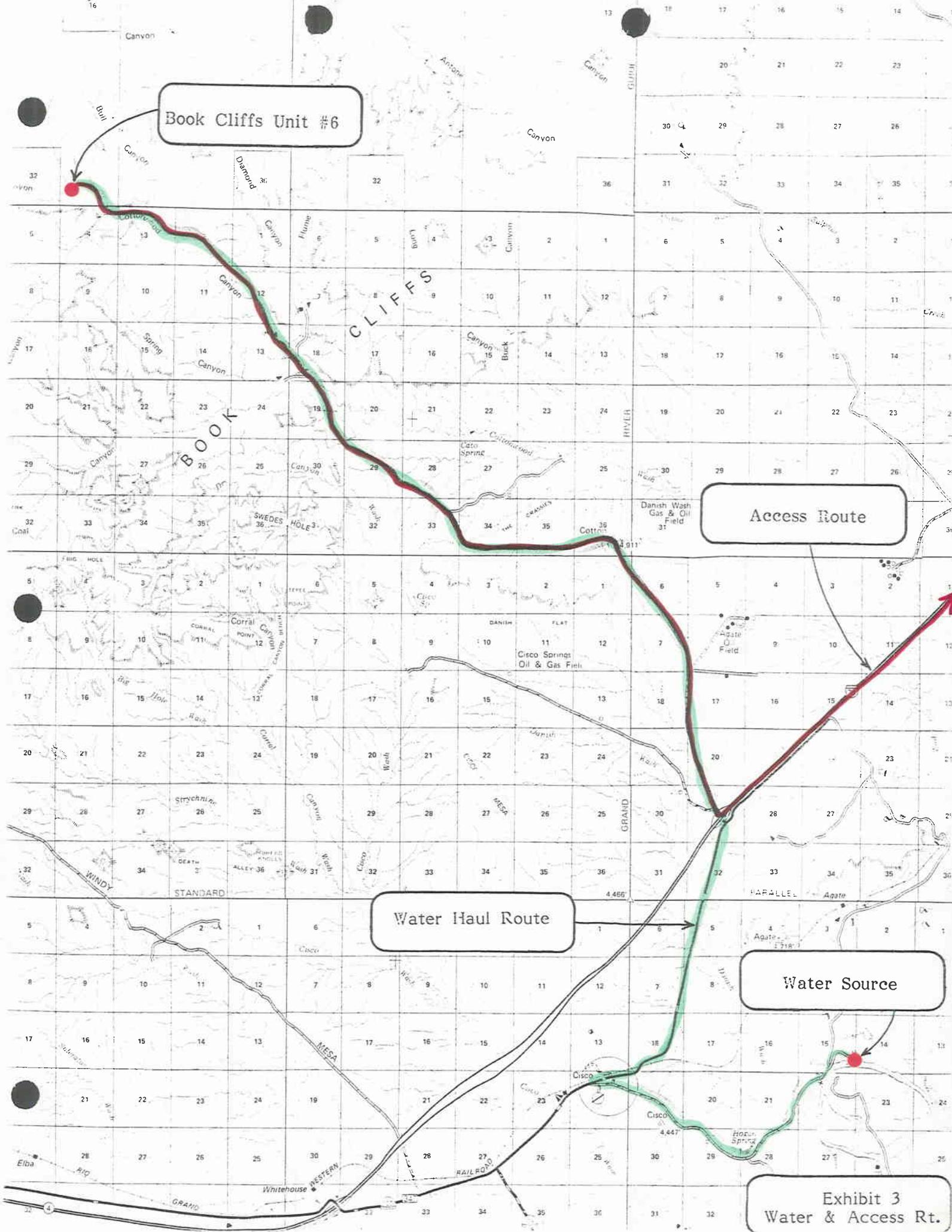
Book Cliffs Unit #6

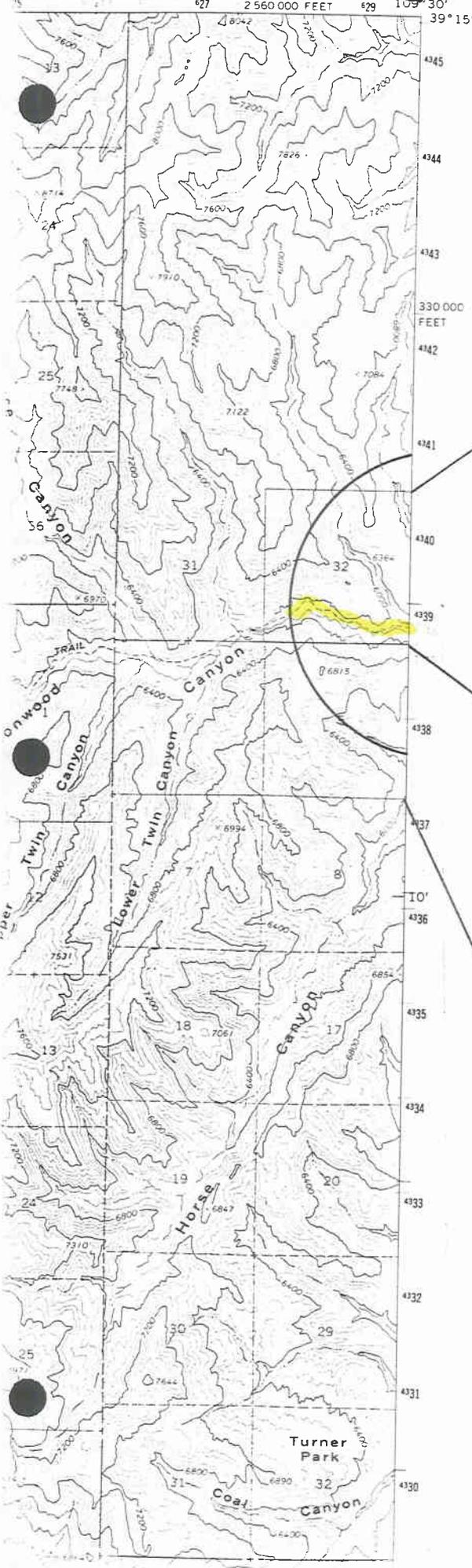
Access Route

Water Haul Route

Water Source

Exhibit 3
Water & Access Rt.



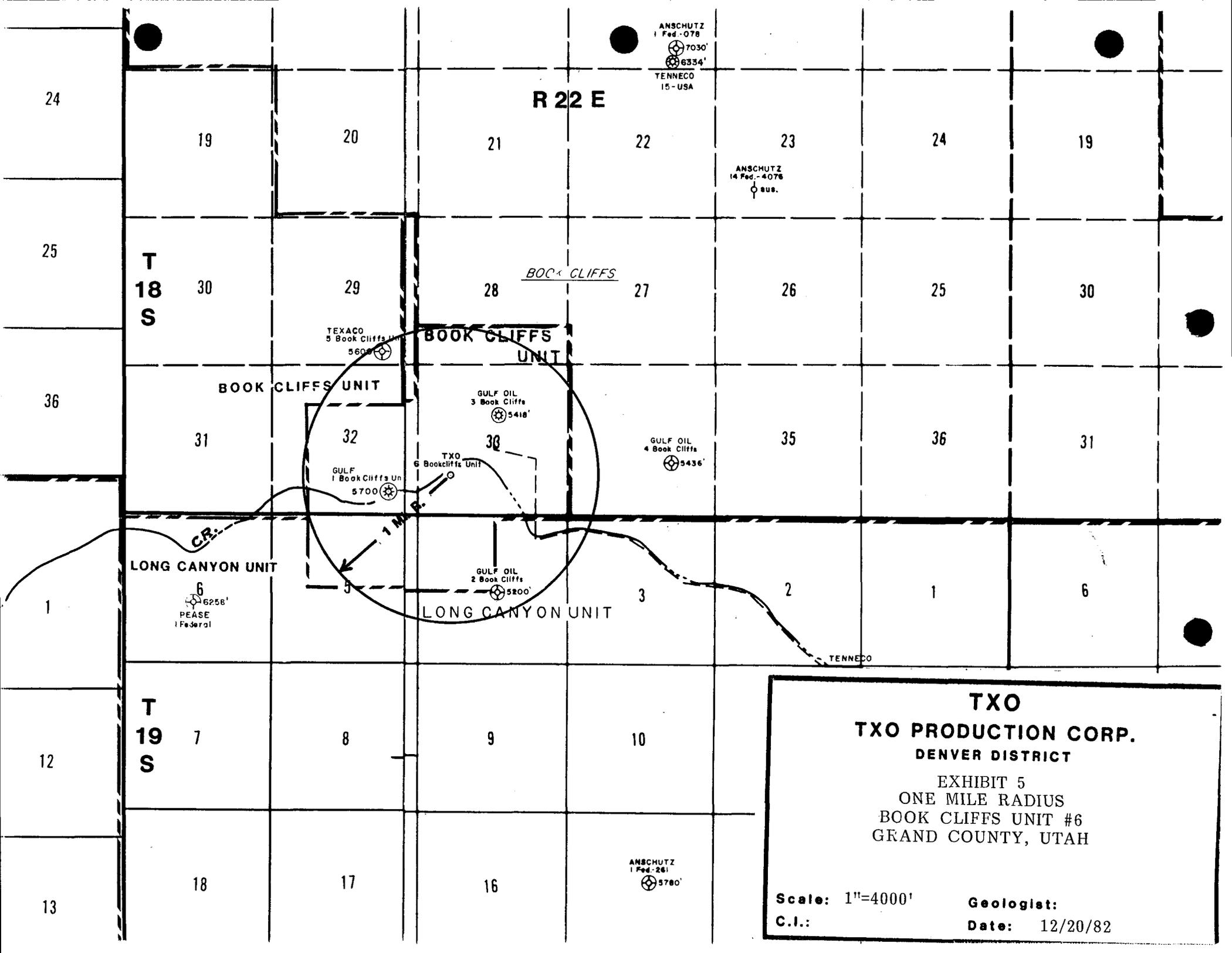


Book Cliffs Unit #6

Existing Road

T 12 S
R 22 E
4062 II
SEG0 CANYON 1-62 500

EXHIBIT 4
EXISTING ROADS & ACCESS ROAD
Map Sources: Flume Canyon, 7.5' and
Sego Canyon, 15' USGS topo quads.



TXO
TXO PRODUCTION CORP.
 DENVER DISTRICT

EXHIBIT 5
 ONE MILE RADIUS
 BOOK CLIFFS UNIT #6
 GRAND COUNTY, UTAH

Scale: 1"=4000'
 Geologist:
 C.I.:
 Date: 12/20/82

R22E

R23E

Unit Boundary

Book Cliffs Unit #6

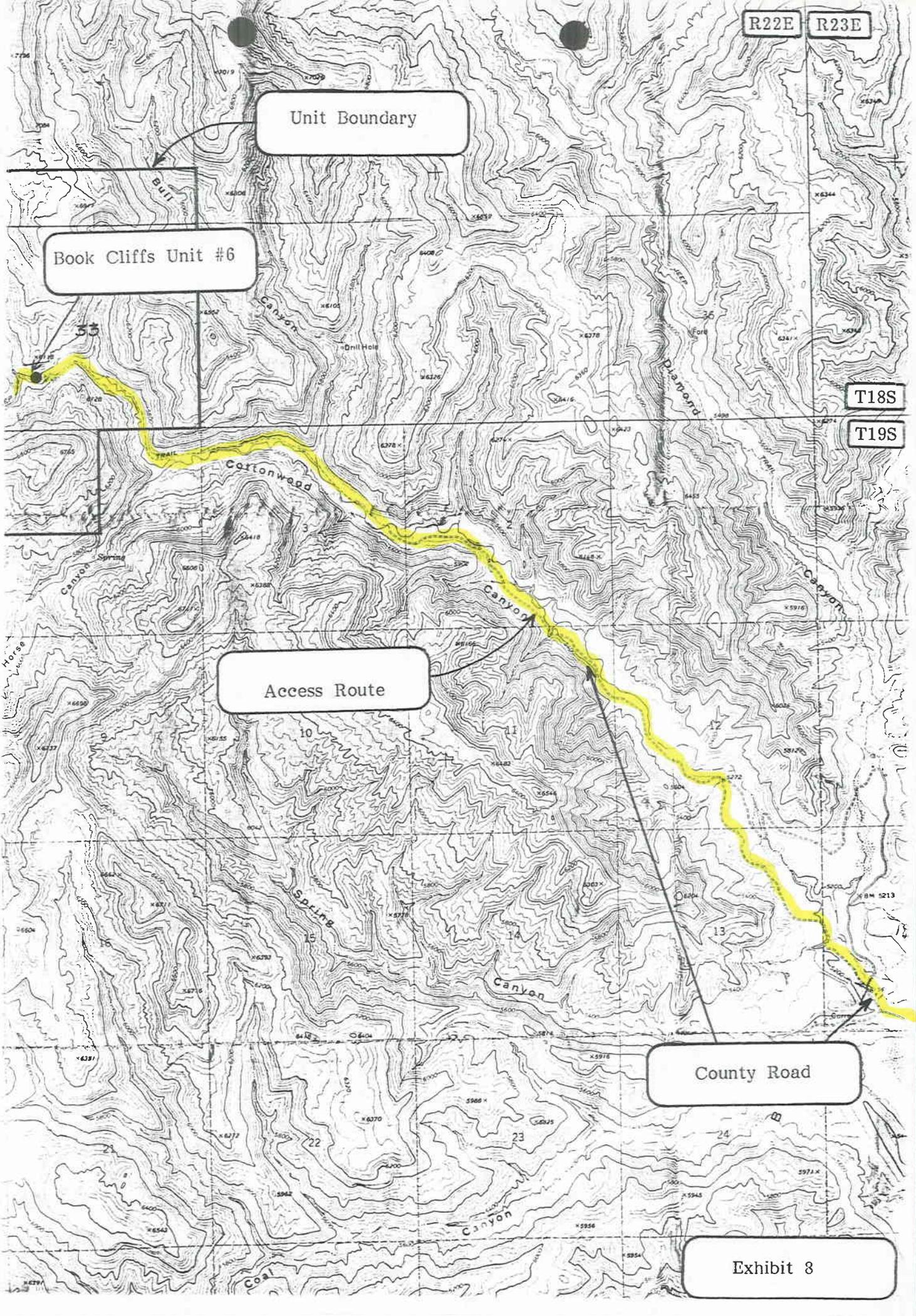
T18S

T19S

Access Route

County Road

Exhibit 8



9-331 C ADDENDUM
Book Cliffs Unit #6
Section 33-T18S-R22E
Grand County, Utah

1. SURFACE FORMATION: Mesaverde

2. ESTIMATED FORMATION TOPS:

| | |
|-------------|-------|
| Buck Tongue | 1340' |
| Castlegate | 1550' |
| Mancos | 1750' |
| Dakota Silt | 4950' |
| Morrison | 5160' |
| Total Depth | 5225' |

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Gas Zone: Dakota 4950'

Water may be encountered in the Mesaverde formation.

4. CASING PROGRAM AS PER FORM 9-331 C.

5. PRESSURE CONTROL EQUIPMENT:

A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.

B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.

C. The equipment in A and B will be pressure-tested to 2000 psi before drilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

6. MUD PROGRAM:

0-300' Air or air mist. If necessary, will use spud mud at 8.8-9.2#/gal., vis. 28-32 sec. API.

300'-TD Air or air mist. If necessary, will use 3% KCl mud at 8.6-8.8#/gal., vis. 35-45 sec. API.

7. AUXILIARY EQUIPMENT:

A. A kelly cock will be used.

- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. DISFL-GR from TD to surface. FDC-SNP-GR-CAL from TD to 2000' uphole. If logged wet: FDC-CNL-GR-CAL from TD to 2000' above TD.
- C. No DST's are planned.

9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H₂S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

10. ANTICIPATED STARTING DATES:

| | |
|-------------------------------|----------------|
| Start location | April 1, 1983 |
| Spud date | April 5, 1983 |
| Complete drilling | April 15, 1983 |
| Completed, ready for pipeline | April 30, 1983 |

- 11. Productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.

3. The BLM will be notified 24 hours before dirt work is complete to schedule a pre-spud inspection.
4. The location is in a critical mule deer wintering range. Construction will be allowed between April 1 and November 1.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Ronald E. Dashner
District Drilling Engineer
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 690-5658 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

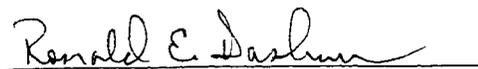
✓ Karen Laurie
Environmental Scientist
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 477-2072 - Residence

13. CERTIFICATES

The following statement is to be included in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and 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 TXO Production Corp. and its contractors, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: January 31, 1983



Ronald E. Dashner
District Drilling Engineer

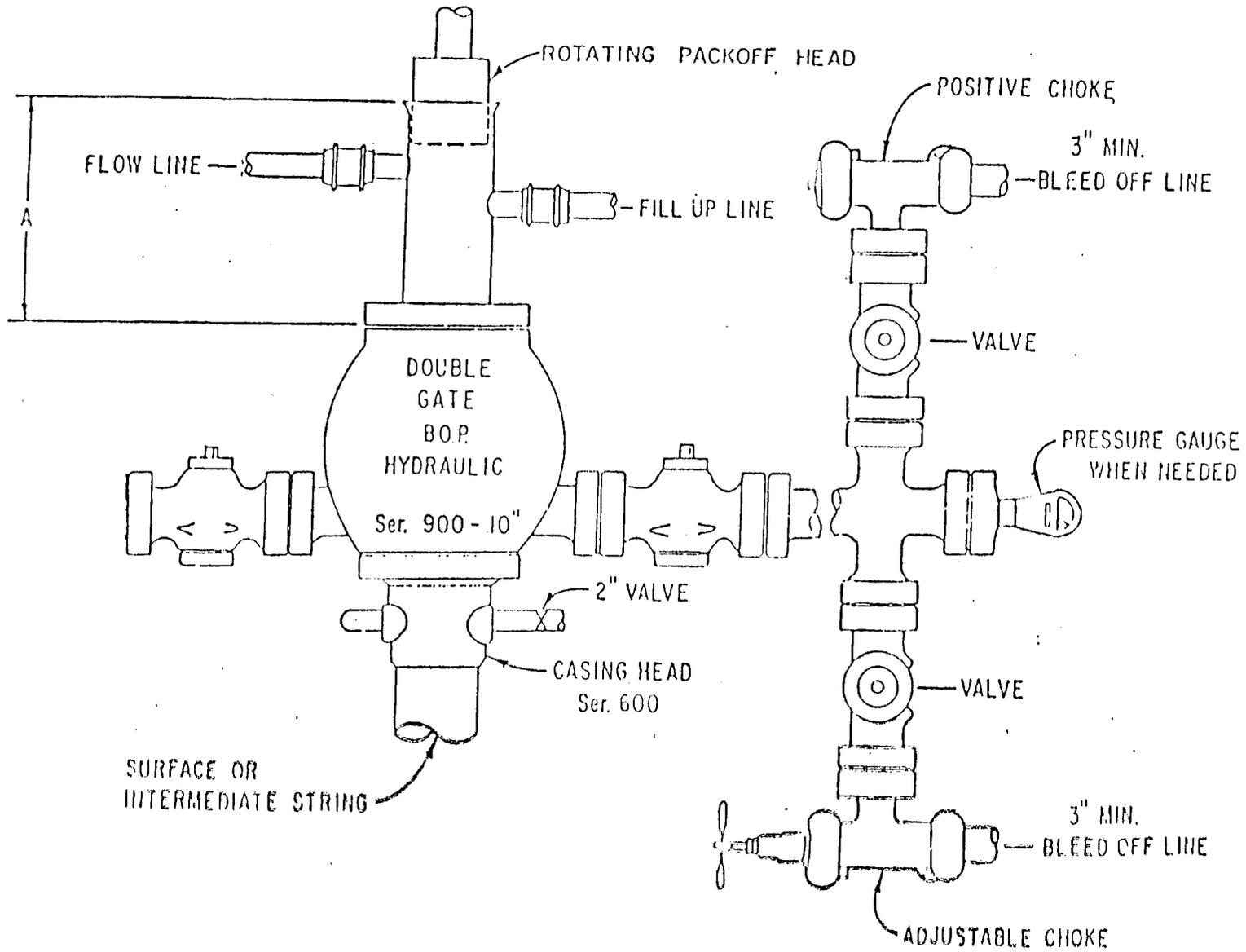
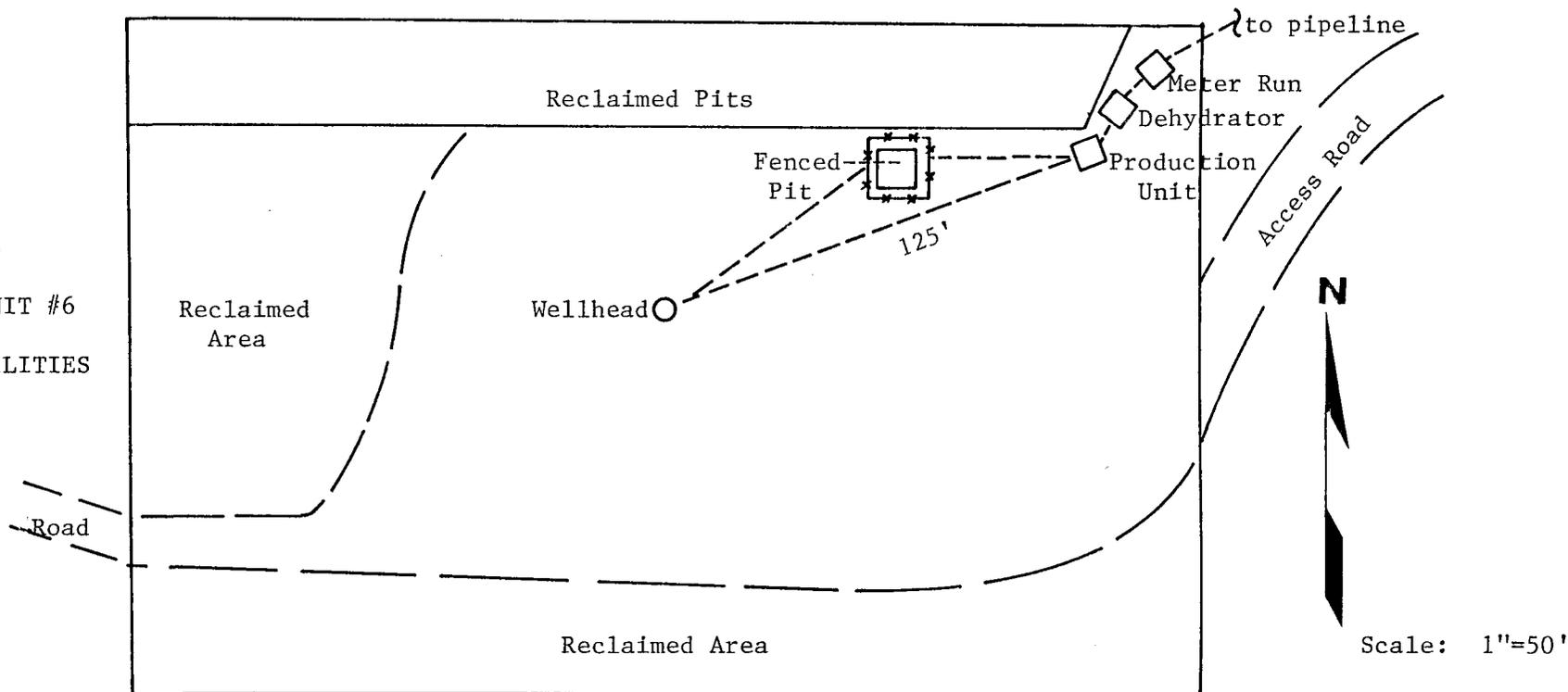


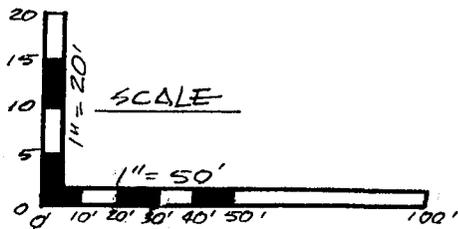
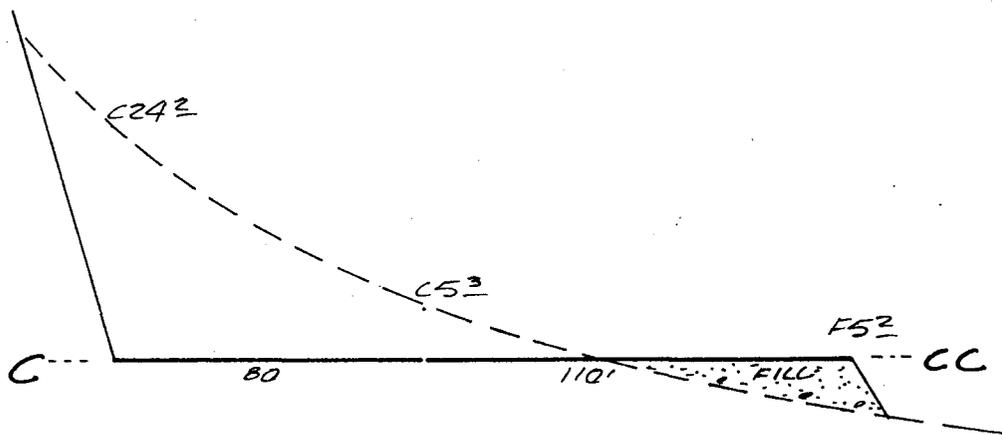
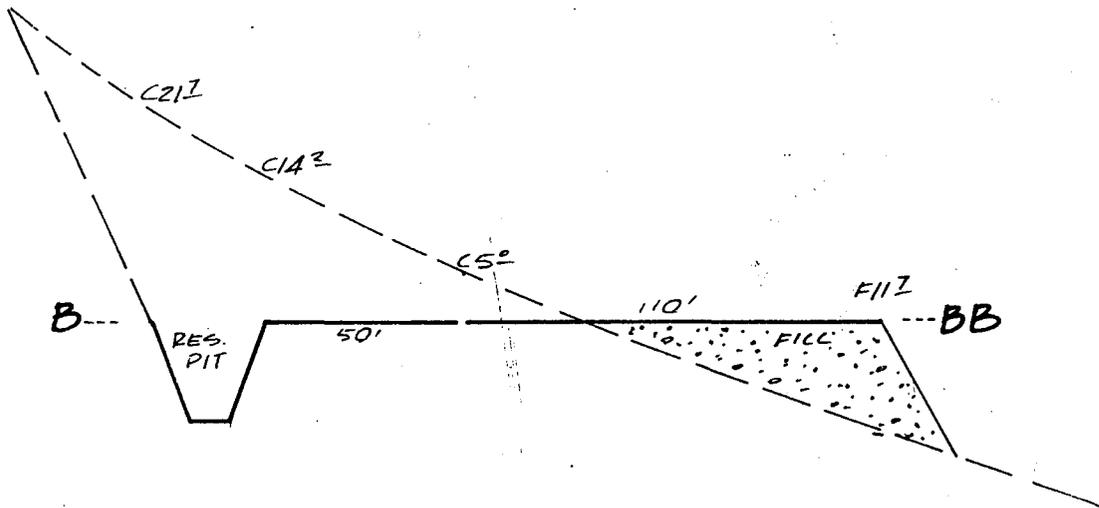
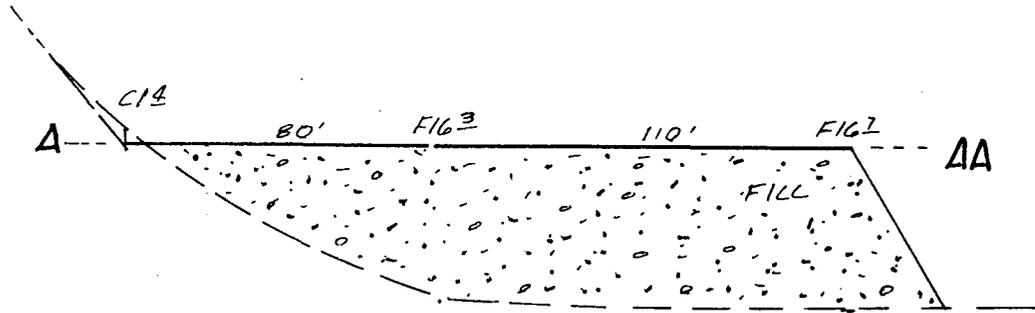
EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM

EXHIBIT 6
BOOK CLIFFS UNIT #6
PRODUCTION FACILITIES



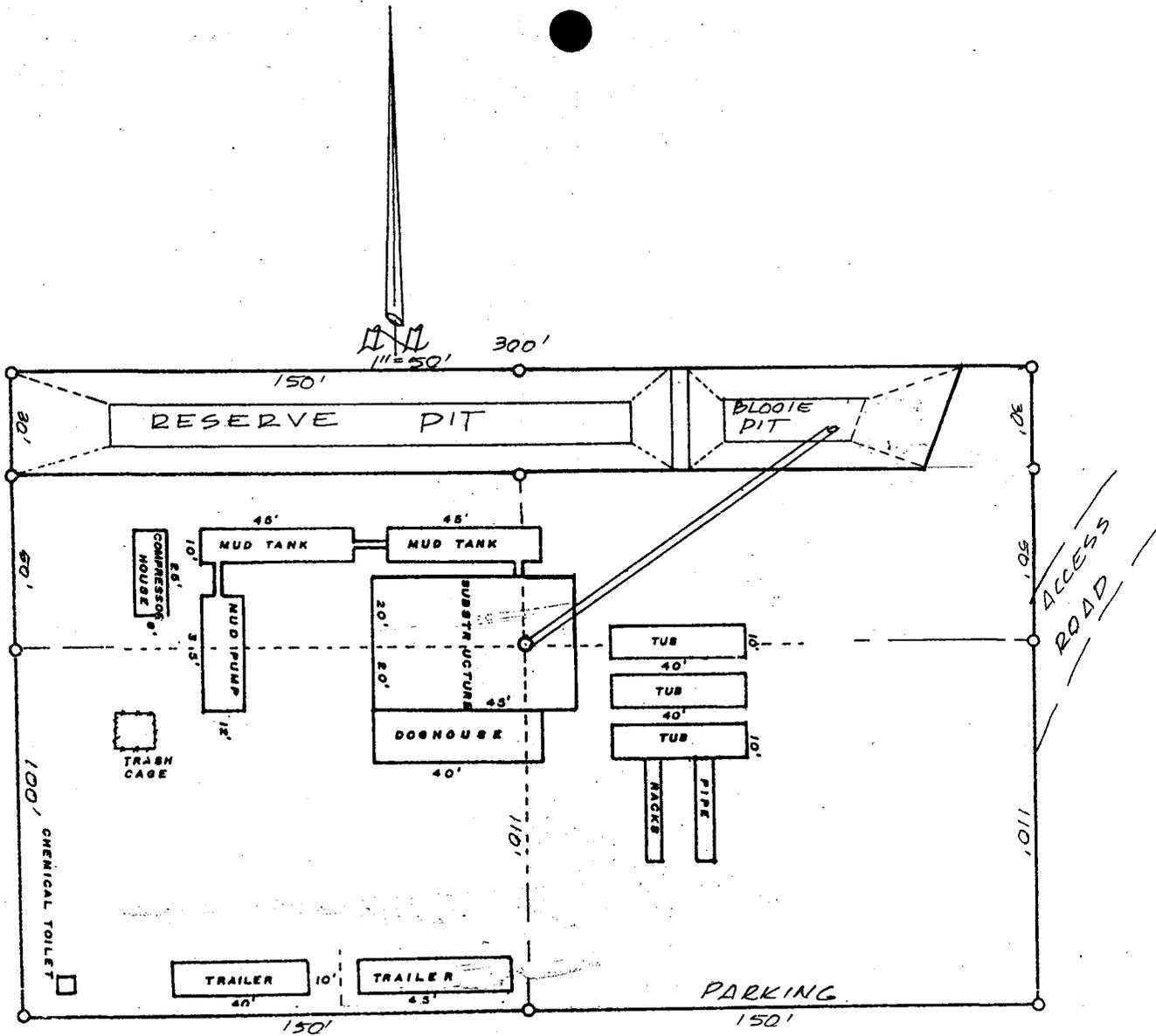
- 1) Pits will be 10' x 10' x 6' deep and will be surrounded by a fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shutdown system will be installed.
- 5) The separator will be an ASME coded vessel.

CROSS-SECTIONS.
BOOKCLIFF UNIT # 6



TXO PRODUCTION CORP.
BOOKCLIFF UNIT # 6

Exhibit 7b
Cross Sections



PREPARED BY
ENERGY SURVEYS & ENG'R. CORP.

TXD PRODUCTION CORP.
BOOKCLIFF UNIT # 6
GRAND COUNTY, UTAH

TXO PRODUCTION CORP.
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: January 31, 1983

WELL NAME: Book Cliffs Unit #6

LOCATION: 1432' FSL, 1155' FWL, Section 33-T18S-R22E, Grand County, Utah.

FEDERAL OIL & GAS LEASE NO.: U-36905 (Issued November 11, 1959)

NOTE: This Plan incorporates stipulations discussed at the joint field inspection on January 5, 1983.

1. EXISTING ROADS

- A. Proposed well site as staked: Refer to Exhibit 2. The well has been staked 1432' FSL and 1155' FWL in Section 33-T18S-R22E.
- B. Route and distance from nearest town or locatable reference point to where proposed access route leaves existing road: From Interstate 70 and the East Cisco exit, proceed northward on the right fork. Drive on the main road 12.3 miles to a fork. Take the right fork 0.1 mile to another fork. Take the left fork straight ahead (northwest) up Cottonwood Canyon for about 5.4 miles to the staked location.
- C. Access route to location color coded in red and labeled: Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow: Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: About 2.2 miles of existing road will be flat bladed, if necessary, to allow passage of rig trucks and well servicing vehicles. A culvert will be installed in the crossing 0.4 mile from the location. The road will not be widened or otherwise upgraded until it is determined if the well will be an economic producer. If commercial production is established, some minimal upgrading of the road may be necessary. Refer to Exhibits 4 and 8.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: Since the access route utilizes existing roads, no new access road will be required. Refer to Exhibit 8.

The entire access route is a County Road; hence, no Federal right-of-way is required.

3. LOCATION OF EXISTING WELLS

Exhibit 6 is a one-mile radius locating and identifying the following:

- A. Water Wells-None
- B. Abandoned Wells-Texaco 5 Book Cliffs Unit, Sec. 29-18S-22E
Gulf Oil 2 Book Cliffs Unit, Sec. 4-19S-22E
- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-Gulf Oil 3 Book Cliffs Unit, Sec. 33-18S-22E
Gulf Oil 1 Book Cliffs Unit, Sec. 32-18S-22E
- G. Shut-in Wells-None
- H. Injection Wells-None
- I. Monitoring or Observation Wells for Other Reasons-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Exhibit 5 is a one-mile radius locating the following existing facilities owned by the lessee/operator:

- 1. Tank Batteries-None
- 2. Production Facilities-None
- 3. Oil Gathering Lines-None
- 4. Gas Gathering Lines-None
- 5. Injection Lines-None
- 6. Disposal Lines-None

B. If new facilities are contemplated in the event of production, show:

- 1. Proposed location and attendant lines in relation to the well pad:
Refer to Exhibit 6.
- 2. Dimensions of facilities: Refer to Exhibit 6.
- 3. The production facilities will include a production pit, a blowdown pit, a production unit, and, if necessary, a dehydrator. These facilities will be painted either a dark green or light tan in accordance with BLM-specified colors. The facilities will be located as shown on Exhibit 6. The pit will be located in cut, will contain all water production, and will be built in accordance with NTL-2B specifications. All connection work will be done by an oil field service company using standard oil field materials.
- 4. Protective devices and measures to protect livestock and wild-life: The water production pit will be fenced with four strand barbed wire to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be obtained from the Colorado River in Section 15-T21S-R24E, Grand County, Utah. TXO Production Corp. has applied for a miscellaneous surface water appropriations permit to obtain water from this location and anticipates approval in the near future.
- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler, along the routes shown in green on Exhibit 3.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of materials to construct a level location. Prior to constructing location, vegetation will be stripped and this material will be stockpiled off the southeast corner of the pad. Topsoil will be stockpiled off the southeast corner of the pad on the old existing road, for later use during rehabilitation on the disturbed areas. No additional material will be needed.
- B. Identify if from Federal or Indian Land: The affected land is Federal and under the management of the Bureau of Land Management.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: Materials other than that supplied by cuts on location should not be required to construct the pad and road. Approximately 16,016 cubic yards of material will be derived from cuts on location and approximately 12,968 cubic yards of fill are needed. Excess fill material will be used to ramp the new access. Refer to Exhibit 7a.
- D. Show any needed access roads crossing Federal or Indian Lands: The access is via existing county roads which cross Federal lands. Refer to Exhibit 8.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in a tank.
- B. Drilling fluids will be contained and disposed of in a tank. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracturing fluids will be directed to a tank.
- D. Sewage: A portable chemical toilet will be on location during operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.

- F. Protective Devices: The flare pit (if necessary) will be fenced with four strands of barbed wire and flagged to protect animals.
- G. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and refuse will be removed from the location and hauled to a sanitary landfill.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: None planned.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7b.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7c.
- C. Rig orientation, parking area: Refer to Exhibit 7c.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, levelling, contouring, and waste disposal: Upon completion of the well, the site will be cleared of all debris and the mouse and rat holes will be filled. Disturbed areas of the pad not needed for production facilities will be graded to an appearance consistent with the natural contours. These areas will then be covered with topsoil, disked and reseeded with a seed mixture recommended by BLM. If the well is not commercially productive, the entire pad will be reclaimed as described above.

If the well is not commercially productive, that portion of the access road requested by BLM to be rehabilitated will be covered with topsoil, disked and reseeded with a BLM-recommended seed mixture. Shrubby plants removed during road construction will be scattered randomly along the road to provide a natural appearance, control erosion and enhance seed production.

- B. If any oil is in the pit, it will be removed or overhead flagging will be installed.
- C. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately April 30, 1983, and will be completed within approximately one year.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The location is in a canyon bottom. The soil is probably a deep, mature loam. Vegetative cover is about 65 to 70 percent and includes the following species: pinyon pine (Pinus edulis), juniper (Juniperus sp.), big

sagebrush (Artemisia tridentata), rabbitbrush (Chrysothamnus nauseosus), tamarisk (Tamarix pentandra), and native grasses. Cottonwood trees are present in the general vicinity of the location. Fauna in the area may include deer, mountain lion, coyotes, small mammals, and birds. No endangered species are known to occur in the area.

- B. Other surface-use activities and surface ownership of all involved lands: The location is in a Federal oil and gas unit, held by production. The unit encompasses the following lands:

T18S, R22E:

Section 28: S 1/2 S 1/2,
Section 33: All

T19S, R22E:

Section 4: Lots 3, 4, S 1/2 NW 1/2,
Section 5: Lots 1, 2, 3, SW 1/4 NE 1/4,
S 1/2 NW 1/4.

Surface ownership of all lands in the unit is Federal.

The proposed location is in close proximity to a Wilderness Study Area, dropped from further consideration by the BLM, but under appeal. The proposed project will not affect the WSA; hence, it meets all non-impairment criteria.

- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: The location is in the drainage bottom of Cottonwood Canyon. The stream in this canyon is fed by a spring and apparently flows continuously in this part of the canyon. An archeological survey was conducted and there were no significant cultural sites found. Results were forwarded to the Moab BLM office. There are no occupied dwellings in the vicinity.
- D. Other on-site changes to original plans:
1. The pad dimensions will be modified as follows to reduce the amounts of cut and fill (see Exhibit 7a):
 - a. The NW corner of the pad will be rounded and the pit will be doglegged.
 - b. Southern stakes will mark the toe of the fill and width of the dog house side of the pad will be reduced approximately 25 feet.
 - c. The distance from the wellhead to the pit will be reduced to 40 feet.
 2. Where the pad will cover the pipeline, the pipe will be wrapped and buried, and the operator, Northwest Pipeline Corp., will be notified.

OPERATOR TXO PRODUCTION CORP DATE 3-7-83

WELL NAME BOOK CLIFFS UNIT #6

SEC NWSW 33 T 18S R 22E COUNTY Grand

43-019-31079
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

| | | | | |
|--------------------------|-------|--------------------------|----|--------------------------|
| <input type="checkbox"/> | INDEX | <input type="checkbox"/> | HL | <input type="checkbox"/> |
| <input type="checkbox"/> | NID | <input type="checkbox"/> | PI | <input type="checkbox"/> |
| <input type="checkbox"/> | MAP | <input type="checkbox"/> | | <input type="checkbox"/> |

PROCESSING COMMENTS:

RTF. ✓ 7/6/83 ✓

APPROVAL LETTER:

SPACING: A-3 BOOK CLIFFS UNIT c-3-a _____ CAUSE NO. & DATE

c-3-b c-3-c

SPECIAL LANGUAGE:

(Water)

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERAL MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
OIL & GAS OPERATIONS
U-36905 RECEIVED U-036905

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- - FEB 3 1983

7. UNIT AGREEMENT NAME
BOOK CLIFFS UTAH

8. FARM OR LEASE NAME
- - -

9. WELL NO.
#6

10. FIELD AND POOL, OR WILDCAT
Book Cliffs

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Section 33-T18S-R22E

12. COUNTY OR PARISH 13. STATE
Grand Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
April 1, 1983

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

3. NAME OF OPERATOR
TXO Production Corp. Attn: Karen P. Laurie

4. ADDRESS OF OPERATOR
1800 Lincoln Center Building, Denver, CO 80264

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1432' FSL, 1155' FWL, Section 33-T18S-R22E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 18 miles NW of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1155'

16. NO. OF ACRES IN LEASE
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2760'

19. PROPOSED DEPTH
5225'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5802' GR

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 24" | 16" | Corrugated Iron | 40' | 2 yards |
| 12 1/2" | 9 5/8" | 36# | 300' | 160 sacks |
| 8 3/4" | 7" | 20# | 1950' | 200 sacks |
| 6 1/4" | 4 1/2" | 10.5# | 5225' | 150 sacks |

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Ronald E. Dashner TITLE District Drilling Manager DATE January 31, 1983
(This space for Federal or State office use)

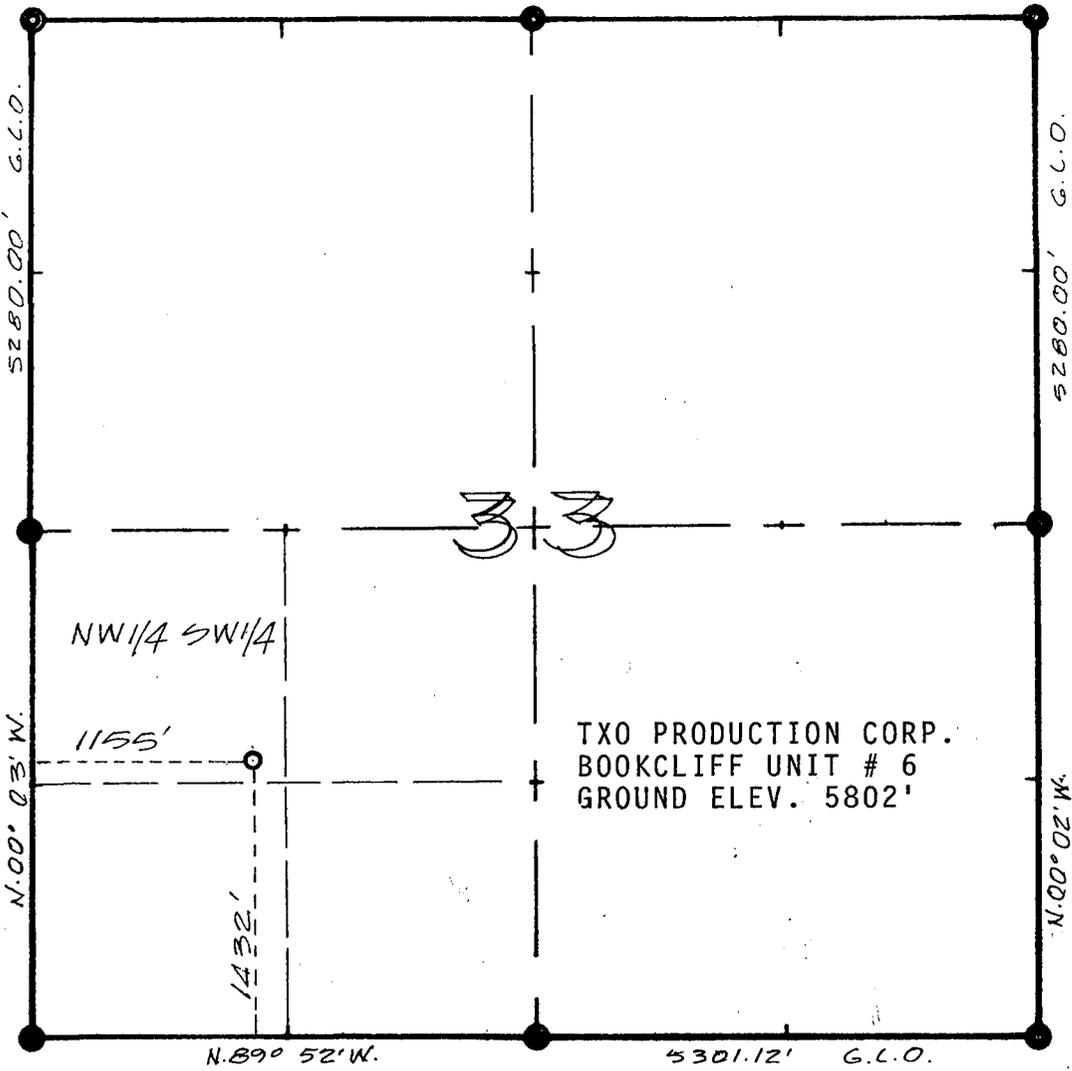
PERMIT NO. APPROVED BY W.P. Martin APPROVAL DATE E. W. Guynn
DATE MAY 26 1983
CONDITIONS OF APPROVAL, IF ANY: District Oil & Gas Supervisor

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State OIG



SCALE

0 500 1000'

LEGEND

- STANDARD LOCATION OF G.L.O. CORNERS.
- G.L.O. CORNERS FOUND.
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

1962 G.L.O. PLAT

FLUME CANYON, UTAH QUADRANGLE, USGS

BEARINGS ARE BASED ON THE GLO BEARING BETWEEN THE SW COR. AND THE W 1/4 COR.

THIS WELL LOCATION PLAT WAS PREPARED FOR TXO PRODUCTION CORP.
AS REQUESTED BY PAUL URBAN, **TO LOCATE THE**
BOOKCLIFF UNIT # 6, 1432' E.S.L. & 1155' F.W.L.,
IN THE NW 1/4 SW 1/4, **OF SECTION** 33, **T.** 18 S., **R.** 22 E. **OF THE S.L.M. P.M.**
GRAND **COUNTY,** UTAH



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Exhibit 2
Survey Plat

Larry D. Becker
UTAH L.S. NO. 4189

| | | | | |
|----------|----------|---|---------|------------|
| SURVEYED | 9-21-82 | ENERGY SURVEYS & ENGINEERING CORP. 1156 BOOKCLIFF AVE. NO 4 GRAND JUNCTION, CO. 81501 973 846-7221 | SCALE | 1" = 1000' |
| DRAWN | 10-20-82 | | JOB NO. | |
| CHECKED | 10-21-82 | | SHEET | OF |

TXO Production Corporation
Well No. 6
Section 33, T. 18 S., R. 22 E.
Grand County, Utah
Book Cliffs Unit
Lease U-036905

Supplemental Stipulations

- 1) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesaverde formation. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

July 6, 1983

TXO Production Corporation
Attn: Karen P. Bow
1800 Lincoln Center Building
Denver, Colorado 80264

RE: Well No. Book Cliffs Unit #6
NWSW Sec. 33, T.18S, R.22E
1432 FSL, 1155 FWL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. A copy of the Utah Division of Water Rights (801-533-6071) approval for use or purchase of drilling water must be submitted to this office prior to spudding, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31079.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Oil & Gas Operations
Enclosure



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 4, 1984

TXO Production Corporation
Attn: Paul Urban
1800 Lincoln Center Bldg.
Denver, Colorado 80264

Re: Well No. Book Cliffs #6
API #43-019-31079
1432' FSL, 1155' FWL NW/SW
Sec. 33, T. 18S, R. 22E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

If spudding has not occurred within one year of the date of approval for this well, approval to drill is rescinded.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CJ/cj

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

January 18, 1984

RECEIVED
JAN 20 1984

Ms. Claudia Jones
Utah Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

**DIVISION OF
OIL, GAS & MINING**

Re: Book Cliffs Unit #6
API #43-019-31079
Section 33-T18S-R22E
Grand County, Utah

Dear Ms. Jones:

TXO Production Corp. has no immediate plans to drill the referenced well. If the decision is made to drill this well sometime in the future, TXO will file a new Application for Permit to Drill with your office.

Enclosed is a copy of this letter and a self-addressed envelope. Please acknowledge receipt of this letter by signing in the space provided below and returning in the enclosed envelope.

Very truly yours,

TXO PRODUCTION CORP.



Karen P. Bow
Environmental Scientist

KPB/gbp

Received and Acknowledged:

Utah Division of Oil, Gas & Mining

by: _____

Date: _____

