

# FILE NOTATIONS

Entered in MID File  \_\_\_\_\_  
Entered On 5 R Sheet \_\_\_\_\_  
Location Map Placed \_\_\_\_\_  
Card Indexed  \_\_\_\_\_  
IWR for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_  
Copy NID to Field Office \_\_\_\_\_  
Approval Letter \_\_\_\_\_  
Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Bore Well Completed \_\_\_\_\_  
OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
GW \_\_\_\_\_ DE \_\_\_\_\_ PA \_\_\_\_\_

Location Indexed \_\_\_\_\_  
Sand released \_\_\_\_\_  
State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log \_\_\_\_\_  
Electric Logs (No. ) \_\_\_\_\_  
E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GRN \_\_\_\_\_ Micro \_\_\_\_\_  
Lat \_\_\_\_\_ MI-L \_\_\_\_\_ Seis \_\_\_\_\_ Others \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 Ambra Oil & Gas Co.

3. ADDRESS OF OPERATOR  
 115 South Main, Suite 420, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 660' FNL, 660' FWL, Sec. 15, T20S, R 23E **NWNW**  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 6 MILES NORTH EAST OF CISCO

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE  
 520 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40 acres

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

19. PROPOSED DEPTH  
 2500'

20. ROTARY OR CABLE TOOLS  
 Rotary-air

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4787' GR *Reading Survey*

22. APPROX. DATE WORK WILL START\*  
 May 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	55-8 5/8" new	32 lbs.	160'	35 sacks (cement to surface)
6 3/4"	55-4 1/2" new	10.5 lbs.	2500'	65 sacks (cement to Mancos)

Well will be drilled to test the Entrada.  
 All shows encountered will be tested.

Blowout equipment to be used:

Hydrill Type GK, 10" B.O.P.  
 Tested to 5000 PSI  
 With a 500 series power accumulator  
*Will require hydraulically operated blind and pipe rams together with choke & kill line or lines of proper size & working pressure*

APPROVED BY THE DIVISION  
 OF OIL, GAS, AND MINING  
 DATE: 5-15-80  
 BY: M. J. Minder

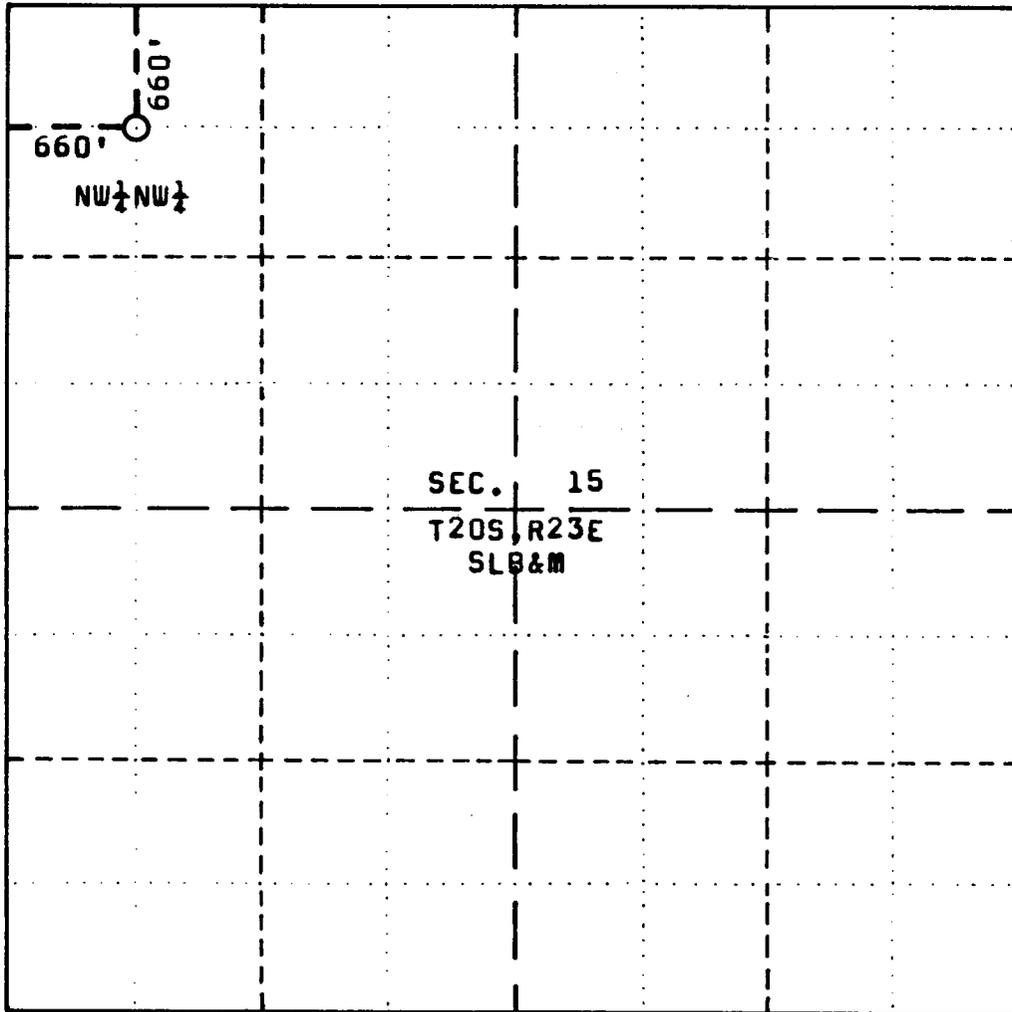
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED [Signature] TITLE Production Manager DATE 4-10-80

PERMIT NO. 43-019-30642 APPROVAL DATE 5/15/80

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



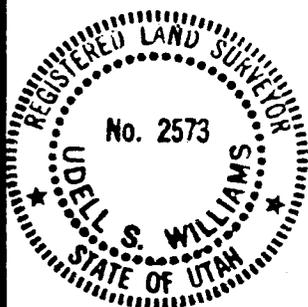
SCALE: 1" = 1000'

TX0 15-1

Located South 660 feet from the North boundary and East 660 feet from the West boundary of Section 15, T20S, R23E, SLB&M.

Elev. 4787

Grand County, Utah



SURVEYOR'S 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

*Udell S. Williams*  
UTAH R.L.S. NO. 2573



**UDELL S. WILLIAMS**  
751 Rood Avenue  
GRAND JUNCTION, COLORADO 81501

PLAT OF  
PROPOSED LOCATION

TX0 15-1  
NW 1/4 NW 1/4 SECTION 15  
T20S, R23E, SLB&M

SURVEYED BY: USW DATE: 4/4/80  
DRAWN BY: USW DATE: 4/19/80

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-44440

OPERATOR: Ambra Oil & Gas Company

WELL NO. TXO 15-1-80A

LOCATION: ½ NE ½ NE ½ sec. 21, T. 20S., R. 23E., SLM

Grand County, Utah

1. Stratigraphy:

Mancos	surface	Salt Wash	3015'
Dakota	2670'	Summerville	3315'
Cedar Mtn.	2710'	Entrada	3365'
Buckhorn	2860'	<u>TD</u>	<u>2500'</u> ?? (operator must mean 3500')
Morrison	2890'		

2. Fresh Water:

Fresh water may be encountered in sandstone units of the Mancos to ~500'. Slightly saline water may be encountered in the Dakota and the Cong. member of the Cedar Mtn.

3. Leasable Minerals:

Prospectively valuable land for coal.  
The coal exists as thin, lenticular beds in the Dakota and is currently subeconomic.

4. Additional Logs Needed: Site is adequate.

5. Potential Geologic Hazards: None anticipated

6. References and Remarks:

Signature: Gregory W Wood Date: 5-26-80

United States Department of the Interior  
Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date July 15, 1980

Operator Ambra Oil & Gas Co. Well No. TXO 15-1-80A  
Location 660' FNL 660' FWL Section 15 Township 20S Range 23E  
County Grand State Utah Field/Unit Cisco Springs  
Lease No. U-44440 Permit No. \_\_\_\_\_

Prepared by: Glenn M. Doyle  
Environmental Scientist  
Grand Junction, Colorado

Joint Field Inspection Date: June 19, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Kerry Miller</u>	<u>Operator</u>
<u>Elmer Duncan</u> <i>4 People picture</i>	<u>Bureau of Land Management</u>
<u>Glenn M. Doyle</u>	<u>U. S. Geological Survey</u>
_____	_____
_____	_____
_____	_____
_____	_____

Related Environmental Documents:

BLM-Moab, Book Mountain Unit Resource Analysis.

*Admin Compil ?  
Ped 150 x 200  
Pit 10 x 60  
450' x 15' new access  
0.84 ac  
25' buffer to flow line in case 7.2  
Loc Layout + rotated 180°  
160' Sur CS9 ?  
Cond 9 Report pg 6 & 7  
1-5*



be rotated so that the blow line is aimed away from the pipeline. A 180° rotation would achieve this.

2. Drilling
3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - Regional topography is flat desert and rolling hills grading to the talus-flanked Book Cliffs.

PARAMETER

A. Geology - Surface is Mancos Shale. Other formations are listed in the 10-Point Subsurface Plan.

Information Source: Application to Drill.

1. Other Local Mineral Resources to be Protected: Potential for coal to be encountered in Dakota Formation. It is anticipated that the beds are thin and lenticular and therefore subcommercial.

Information Source: ME, District Geologist.

2. Hazards:

a. Land Stability: Location and access built on Mancos Shale. Material is stable, provided the slopes are moderate and moisture content is low.

Information Source: Field observation.

b. Subsidence: Subsidence can occur with the withdrawal of oil, gas, and/or water.

Information Source: Keller, Edward A., 1976, Environmental geology, Charles E. Merrill, 488 pp.

c. Seismicity: Seismic risk: low. Statistically, greatest damage would be moderate, corresponding to intensity VII of Modified Mercalli Intensity Scale, 1931.

Information Source: von Hake, Carl A., Earthquake History of Utah, NOAA. Perkins, David M., 1974, Seismic risk maps, Reprint of Earthquake information bulletin, 6(6) Nov-Dec.; Algermissen, S. T., and Perkins, David M., 1977, Earthquake hazards map of the United States, Reprint from Earthquake Information Bulletin, 9(1) Jan-Feb., 4 pp.

d. High Pressure Zones/Blowout Prevention: No high pressure zones expected. Blowout prevention systems detailed in APD.

Information Source: Application to Drill.

## B. Soils

1. Soil Character: No detailed soil surveys done in area. Changes in soil fertility, horizons, slope stability, etc., cannot be predicted. Soils are considered nitrogen-poor, alkalic soils that support the salt-desert community.

Information Source: Field observation.

2. Erosion/Sedimentation: Erosion/sedimentation would increase as would runoff potential. Extent of increases unpredictable without site-specific studies being done.

Information Source: Field observation.

C. Air Quality - Wellsite lies in Class II attainment area. No Class I attainment areas are near, or adjacent to, proposed location.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

D. Noise Levels - Ambient noise levels temporarily elevated. Personnel safety could be jeopardized. Wildlife would avoid area.

Information Source: Field observation.

## E. Water Resources

### 1. Hydrologic Character

a. Surface Waters: A moderately deep, intermittent wash parallels the north end of the proposed wellsite. If wellsite construction extends into this wash, a diversion ditch must be built to insure adequate flow around the pad.

Information Source: Field observation.

b. Groundwaters: Contamination to groundwaters through commingling with drilling fluids is possible.

Information Source: Field observation.

## 2. Water Quality

a. Surface Waters: Impacts to surface water quality are judged as insignificant, provided the operator maintains a fluid-tight reserve pit.

Information Source: Field observation.

b. Groundwaters: Operator proposes 160' of surface casing. Commingling of drilling fluids with potentially usable water could render groundwater unusable. Pits would be unlined.

Information Source: Application to Drill and Field observation.

## F. Flora and Fauna

### 1. Endangered and Threatened Species Determination

Based on the formal comments received from the Bureau of Land Management on July 14, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Construction would remove about .84 acre of vegetation increasing potential for non-point erosion and decreasing soil fertility.

Information Source: Field observation.

3. Fauna: Vegetation removal reduces wildlife habitats and food sources. Deer are not known to winter in the area. No known migratory bird nesting areas, strutting or breeding grounds, or fish-spawning areas would be impacted by proposed action.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

## G. Land Uses

1. General: Oil and gas operations, recreation, and grazing are major land uses. Amount and quality of land available to livestock, wildlife, and recreationists would be reduced during well life.

Information Source: Field observation.

2. Affected Floodplains and/or Wetlands: N/A

Information Source: Field observation.

H. Aesthetics: Operation would not blend with natural surroundings. Most likely unappealing to recreationists. Impact duration: life of well.

Information Source: Field observation.

I. Socioeconomics: The effect of one well on local and regional population and economy would be considered minor. If major discovery, then consider: Population increase, community services taxed, resources depleted, cumulative impacts multiply, pipelines and transportation routes expand.

Information Source: Field observation.

J. Cultural Resources Determination: Based on the formal comments received from the Bureau of Land Management on July 14, 1980, we determine that there would be no effect on cultural resources subject to no stipulations. Information Source: Bureau of Land Management.

K. Adequacy of Restoration Plans: Rehabilitation plan judged as adequate. Problems hampering restoration: a) Area subject to short growing season; b) limited precipitation during growing season; and c) generally, very little topsoil which has limited organic matter and is low in fertility.

Information Source: David Oberwager, Env. Spec. (Reclamation), USGS-AOSO. G. Doyle, Environmental Scientist, USGS.

#### Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

#### Adverse Environmental Effects:

1. If approved as proposed:

a. About .84 acre of vegetation would be removed, increasing and accelerating erosion potential.

b. Pollution of groundwater systems <sup>could</sup> would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

d. The potential for fires, leaks, spills of gas and oil or water exists.

e. During construction and drilling phases of the operation, noise and dust levels would increase.

- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to Danish Wash would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
- i. Other:
- 1) As proposed, blooie line is directed at surface-laid pipeline. Definite safety hazard.
  - 2) Wellpad would encroach upon pipeline. Safety hazard.
  - 3) Fill in the wash to the north would increase sediment load, block natural flow and cause additional, excessive erosion of the wash banks and the wellpad perimeter.
  - 4) Both cattle and sheep could be endangered by toxic or hazardous fluids in the reserve pit if it is not properly fenced.

## 2. Conditional approval

- a. All adverse impacts described in section one above would occur, except
- 1) By rotating the location 180° and providing a minimum 25' buffer zone between the pipeline and the west edge of the wellpad, safety hazards would be minimized.
  - 2) By either preventing fill from entering the wash to the north or constructing a diversion ditch, erosion/sedimentation would be minimized while natural flow would be maintained.
  - 3) By fencing the reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off, hazards posed by fluids to livestock and wildlife would be mitigated.

### Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. ~~See attached Lease Stipulations.~~

2. See attached BLM Stipulations.
3. Rotate layout 180°.
4. Construct diversion ditch on north side of wellpad if fill spills over into the wash during construction.
5. Fence reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off.

Controversial Issues and Conservation Division Response: None known.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).

*E. L. S. [Signature]*

District Engineer  
U. S. Geological Survey  
Conservation Division  
Oil & Gas Operations  
Salt Lake City 1

AUG 08 1980

Date



*Ambra TXO 15-1-80A  
Sec. 15, T20S, R23E, Grand  
Co., Utah*

Glenn

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-44440OPERATOR: Ambra Oil & Gas CompanyWELL NO. TXO 15-1-80ALOCATION: ½ NE ½ NE ½ sec. 21, T. 20S., R. 23E, SLM  
Grand County, Utah

## 1. Stratigraphy:

Mancos	surface		
Dakota	2670'	Salt Wash	3015'
Cedar Mtn.	2710'	Summerville	3315'
Buckhorn	2860'	Entrada	3365'
Morrison	2890'	<u>TD</u>	<u>2500'</u> ?? (operator must mean 3500')

## 2. Fresh Water:

Fresh water may be encountered in sandstone units of the Mancos to ~500'. Slightly saline water may be encountered in the Dakota and the Cong. member of the Cedar Mtn.

## 3. Leasable Minerals:

Prospectively valuable land for coal.

The coal exists as thin, lenticular beds in the Dakota and is currently subeconomic.

4. Additional Logs Needed: Site is adequate.5. Potential Geologic Hazards: None anticipated

## 6. References and Remarks:

20 MAY 1980

Signature: Gregory W WoodDate: 5-26-80



# United States Department of the Interior

IN REPLY REFER TO  
3100  
(U-603)

BUREAU OF LAND MANAGEMENT

Moab District  
Grand Resource Area  
P.O. Box M  
Moab, Utah 84532

## Memorandum

To: Oil and Gas Office, USGS Conservation Division  
P.O. Box 3768, Grand Junction, Co. 81502

From: Area Manager, Grand

Subject: Ambra Oil and Gas Co.  
TXO 15-1-80A Lease U-44440  
NWNW Sec. 15, T 20 S., R. 23 E. SLB&M  
Grand County, Utah

On 6-19-80 a representative met from this office with Glen Doyle, USGS, and Kerry Miller agent of the Ambra Oil and Gas Co. for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora and fauna are indicated in the area.

Please forward the enclosed information to Ambra Oil & Gas Co.

*C. Delano Backus*

Enclosures: (3)  
1-Reclamation Procedures  
2-Seed Mixture



Save Energy and You Serve America!

14 JUL REC'D

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

- 1 Contact this office at least 24 hours prior to beginning construction of access road and pad.
- 2 Stockpile the surface 12' of topsoil in a wind-row on the North East quadrant of the location.
- 3 The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.
- 4 Notify the BLM District Archeologist if cultural material from sub-surface deposits is exposed during the operation.
- 5 The trash cage will be at the location and fenced with fine mesh wire during drilling operations.
- 6 The "blooey" line will be centered and directed into the pit.
- 7 If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS & USFS publication).
- 8 If production is obtained, the production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.
- 9 Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.
- 10 Production facilities and pipeline route are approved on this location under lease rights.
- 11 As agreed upon at the Pre-drill field examination:  
Access Route-  
Blade the East-West road in N $\frac{1}{2}$  Section 15 T. 20 S., R. 23 E. (This portion of the access is parallel to a Northwest gas pipeline. The pipeline will be avoided with blading). The South-North road in NWNW Section 15 will not be bladed. Low water crossings will be installed in two drainage channels on this section of the road.
- 12 Well Location-  
At least a 25 foot buffer zone will be reserved between the edge of the pad and the Northwest pipeline. Pad size in the submitted multi-point plan shows 150 feet wide X 200 feet long. The disturbed area of the pad will be 100 feet X 100 feet only. The reserve pit will be fenced with woven 48" high wire and a strand of barbed wire along the top for support. Access to the pad will be at the Southwest quadrant.

*rotate location 180°.*

<u>SPECIES</u>		<u>LB/ACRE</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian Rice Grass	1
Hilaria jamesii	Curley Grass	1
<u>Forbs</u>		
Sphaeralcea coccini	Globe Mallow	1
<u>Shrubs</u>		
Artiplex confertifolia	Shadscale	1
Ceretoides lanata	Winter Fat	1
		<hr style="width: 10%; margin-left: auto; margin-right: 0;"/> 5

# RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
  - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
  - a. Lay berms into centers.
  - b. Use cut material for fill areas.
  - c. Lay stockpiled surface soil over top of pads and spread evenly.
  - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
  - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

\* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).



# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

SERIAL NO.:

Moab District Office, Moab, Utah

U-44440

and hereby designates

NAME:

ADDRESS:

Andra Oil & Gas Company  
Prudential Savings and Loan Building, 115 South Main,  
Salt Lake City, Utah 84111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 23 East, Grand County, Utah

Section 9: W/2EE/4, N/2NW/4;

Section 10: NW/4NE/4;

Section 14: SW/4SW/4;

Section 15: N/2NW/4, E/2SE/4;

Section 22: NE/4NE/4;

Section 23: N/2NW/4.

containing 520.00 acres, more or less.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

TEXAS OIL & GAS CORP.

By: M.E. Cochran  
(Signature of lessee)

M.E. Cochran-- Vice-President  
1800 Lincoln Center  
Denver, CO 80264

(Address)

February 11, 1980

(Date)

March 27, 1980

U.S. Geological Survey  
2000 Admin. Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

RE: NTL-6  
Supplementary Information  
for APD, 9-331-C

Attn: Mr. Ed Gynn

Application for Ambra Oil & Gas Co., a Utah Corporation, to drill in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 15, T20S, R23E, Grand County, Utah is set forth on Form 9-331C. This letter is to set forth the additional information required on the NTL-6 regulation.

1. Geologic name of surface formation: Cretaceous Mancos shale.

2. & 3. Geologic tops and formation depths:

Cretaceous	Mancos shale	surface
	Dakota	1,610' oil & gas
	Cedar Mountain	1,715' oil & gas
Jurassic	Morrison	1,875'
	Salt Wash	2,160' oil, gas, water
	Summerville	2,390' oil, gas, water
	Entrada	2,440' water

4. Casing program: See form 9-331C

5. Pressure control equipment: Operator will use 8 5/8" good PSI spool with Rigen Torus BOP. An 8 5/8" 5,000 PSI spool will be used above BOP. A rotating head will be used above the flow line spool. The BOP is bag type, 10" G.K. hydril 1,500 with a 500 series power connection. BOP will be tested every 24 hours during daily operations.

6. Drilling and circulating medium: The drilling rig has a Gardner Denver air compressor and will drill with air and air mist into pay sands. In the event high gas or oil pressures are encountered, a weighted salt base mud will be used to control pressures and keep well under control.

7. Auxiliary equipment: (1) Kelly Cock incorporated in the rig. (2 & 3) not required. (4) safety sub with fill opening valve to be stabbed into drill pipe when Kelly is not on string.

8. Testing, logging, coring: No D.S.T.'s programmed. Operator will drill to T.D. and set 4 1/2" casing if oil or gas saturated sands are present. Well cuttings will be taken at each 10 foot interval and checked by a certified geologist for shows of oil and/or gas and logged for lithologic and stratigraphic evaluation. When T.D. is reached, well bore will be logged by Schlumberger with CNFD and DIL surveys. No coring is programmed.

9. Operator anticipates normal pressures, not to exceed 1,000 lbs. at 2,500'. No hydrogen sulfide problems are expected.

10. Drilling operations will begin May 15, 1980 and completion is anticipated in five working days.

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

5-9-80  
Date

*James M. Williams* Production Manager  
Name and Title

U.S. Geological Survey  
2000 Admin. Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

RE: Petro 15-1  
Multipoint Requirements  
to Accompany APD

Attention: Mr. Ed Guynn

1. Existing Roads

a. Proposed well site is staked. See surveyors plot.

b. East exit from Cisco/Bookcliff exit on I-70. Five miles NW towards the Bookcliffs on the main Cisco Springs road. Go past the Browndirt well on the south side of the road. Proceed to the second main (Cisco Mesa) access road to the SW (left) just past the A W Cullen #1 well. Follow this road (Northwest Pipeline 6" line parallel to it) 350 yards until you come to the Northwest Pipeline lateral A1 dehydrator (painted desert gold). Turn NW (right) and proceed 150 yards to the well pad location. The well pad access road will cross two small dry washes with no grade on either side. These washes are less than 2' wide and 2' deep. The well pad access road also crosses the Northwest Pipeline lateral A1, which is on the west edge of the road.

c. Access road is color coded in red with the existing road color coded in blue on the enclosed topo map.

e. This includes the main county road which heads from the SENW and crosses cross Sec. 14, the SWSW of Sec. 5, S $\frac{1}{2}$  Sec. 5, NW $\frac{1}{4}$  of Sec. 15, south through Sec. 16, and crosses the N $\frac{1}{2}$ NW $\frac{1}{4}$  (S $\frac{1}{2}$  of our lease, N $\frac{1}{2}$ NW $\frac{1}{4}$ ). The Willard Pease #4 access road and the Ambra Oil & Gas TXO 14-1-80A right-of-way access road in Sec. 14. On the east edge of Sec. 15 there is the Willard Pease Govt. #1 access road which then goes through Sec. 6 to the Willard Pease #5 and U. V. Ind. #4. The Ambra Oil & Gas TXO 10-1 access road in Sec. 10. In Sec. 9 is the Cisco Spring access road.

f. Plans for improvement and/or maintenance of existing roads. In the event of production, operator will work to maintain a graded and an improved road year-round. This will require cooperation with the other operators in the area to maintain this road.

2. Planned Access Roads

1. Width: 15' bladed out on flat land.
2. Maximum grades: one degree
3. Turnout: Access road is straight, no turnouts needed
4. Drainage design: small borrow pits on each side for easy drainage. Road is flagged and center lined.
5. 160' south of the well pad, the access road must cut two small dry washes less than 2' deep and 2' wide with a flat hard bottom. We will have to make a 5' cut on each side of each wash. We will stock pile the fill on the four adjacent corners of the wash. No culverts are needed or required in this area.
6. None needed. Land will be disturbed little. With correct road building procedures, we will need no additional material.
7. None needed, no fence cuts, etc.
8. Only the well access road, which is surface scraped 15' wide and approximately 150 yards long. Two small dry wash cuts, as described in item 2.5.

3. Location of Existing Wells

- a. see USGS topo map
- b. Producing wells in a one-mile radius:
  1. Sec 9 Willard Pease #1-506, oil & gas
  2. 9 Willard Pease (SENE), gas
  3. 9 Jacobs (NENE), oil & gas
  4. Sec 10 Willard Pease Cardmoore #1A, oil & gas (shut-in)
  5. 10 Willard Pease #6, oil & gas
  6. 10 Willard Pease #5, oil & gas
  7. Sec 11 Tenneco (SWSW), oil & gas
  8. Sec 15 Willard Pease C Govt. 1, gas
- c. Producing wells in a two-mile radius:
  1. Sec 4 Willard Pease #143, gas
  2. Sec 10 Ambra Oil & Gas TXO 10-1-80A, temp. abandoned
  3. Sec 11 Boardwalk/Ambra Levon #1, oil & gas
  4. Sec 14 Boardwalk/Ambra Browndirt, gas
  5. 14 Willard Pease #9, gas
  6. 14 Willard Pease #4, oil, (shut-in)
  7. 14 Ambra Oil & Gas TXO 14-1, oil

d. Abandoned and shut-in wells are marked with industry standard symbols. There are no water, disposal or injection wells within a one-mile radius.

4. Location of Existing and/or Proposed Facilities

a. 1. Tank batteries: Operator maintains an oil tank battery on the Levon #1 well in Sec. 11. This tank battery will not be used if production is established with this well. New tank batteries will be installed on the 15-1 location if oil production is established. The operator is currently drilling a well in Sec. 14 and if oil production is established, a separate tank battery will be installed on the 15-1 location.

2. Production facilities: Operator maintains a 3-stage separator on the Levon #1 well in Sec. 11. They also maintain a 2-stage separator on the Browndirt well in Sec. 14. Neither of these production facilities can be utilized if production is established on the 15-1. If we have production, such equipment will be installed. Operator is currently drilling a well in Sec. 14 and will install such production equipment if necessary if production is established with this well.

3. Oil gathering line: none - only tank at location if oil production is hit.

4. Gas gathering lines: Northwest Pipeline Grand Gas Collection System with several trunk collection lines in this immediate area. Closest trunk in area is from Cisco Dome which crosses 150 yards south of the location on this lease. Also, the Northwest Pipeline lateral trunk A1 crosses within 80' of the well pad on the west side.

5. none

6. none

b. a. If new facilities are contemplated in the event of production: a sundry notice will be submitted to the USGS and BLM area office with an exact sketch of the area showing planned production facilities. All open and exposed pits will be fenced to protect livestock and wildlife and an earthen fire bunker will be built around any tanks. Gas lines will be laid on the surface to the main 6" grand gas collection system operated by Northwest Pipeline. A time schedule for this will be within a 60-day period upon completion of the well and subject approval of the sundry notice and any subsequent right-of-way.

c. 1. Pits will be fenced until fluid evaporates and then filled in. That will be reseeded anywhere from October 15 to November 15 as required by the BLM. The seeding mixture prescribed by the BLM will be used. The surface area is flat, however, this area will be graded to the original contours. Also note, construction and rehabilitation will be limited to the original well pad. All stock pile surface soil will be graded back over location after contouring for subsequent reseeded.

5. Location and type of Water Supply

- a. Dalgarno Transport of Grand Junction, Colorado. They maintain private water usage permits and we buy our water from them. The water is trucked in from Grand Junction by the same.
- b. Water tank truck.
- c. No water well is planned or needed.

6. Source of Construction Materials

The location will be on Federal land so if any sand or gravel is needed it will be brought into the area from a private source in Thompson, Utah, 21 miles west. Until production is established, the road will be surface scraped dirt road from the existing road to the proposed well location. However, no construction materials are planned or needed. This is a flat desert land on Mancos shale formations. Bladed roads that are watered and packed down are the best roads in this area. When disturbed a great deal, the road is poor and not easy to travel. When lightly bladed with borrow pits on the side for drainage no materials are needed.

7. Method for Handling Waste Disposal

Cuttings and drilling fluids will be discharged via air into reserve pit. Portable chemical toilet will be on location for sewage. Garbage and waste materials will go in trash pits, fenced with mesh screen then burned and buried when work is completed. Location will be cleaned and all materials not burned will be hauled away. Produced fluids (oil and water) will go into tanks and pits, respectively. The blowby line will be 125' long, centered and angled down into a trench pit. It will be anchored. The blowby line will be misted while drilling with air. The area will be free of trash and debris when rig is moved out.

8. Auxiliary Facilities

None other than a trailer and dog house. No camp or air strip required.

9. Well Site Layout

See detailed diagram enclosed

1. Cross section of drill pad with cuts and fills 200' x 200'. Well location is relatively flat and requires minimum cuts and fills. Any cuts and fills needed will be determined at on-site inspection.

2. See drawing.

3. See drawing.

4. If there is oil in the pit, we will either remove it or install overhead flagging. Upon completion of drilling operation, if there is any fluid in the pit, the forth side will be fenced the same as in item 9.4 until all fluids evaporate, then will be backfilled and recontoured.

5. Rehabilitation of the well site area will be completed within 60 days after the spud date. With the exception of the reseeding following BLM instructions (Oct. 15 go Nov. 15). We will restore location back to original condition before rig is moved out.

11. Other Information

The location is part of the Green River desert area. No trees grow on the Mancos shale valley only sagebrush and shad. Cattle graze the area in fall and spring seasons. There is no water and very little vegetation. Cisco Springs is 4 miles to the southwest with practically no dwellings and no evidence of historical, cultural nor archeological value. There will be no other surface use.

12. Operator

Ambra Oil & Gas Company  
115 South Main, Suite 420  
Salt Lake City, Utah 84111

Telephone - (801) 532-6640

Attention - Mr. Kerry Miller, Mr. Wes Pettingill

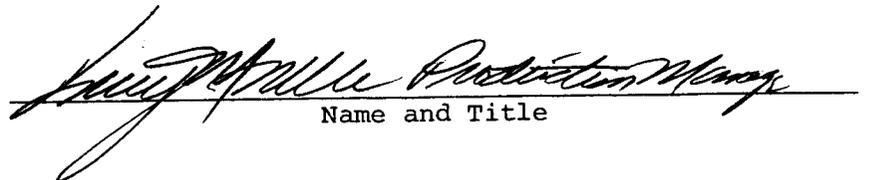
13. Certification

The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative as identified in item 12 of the plan.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; 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 AMBRA OIL & GAS COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

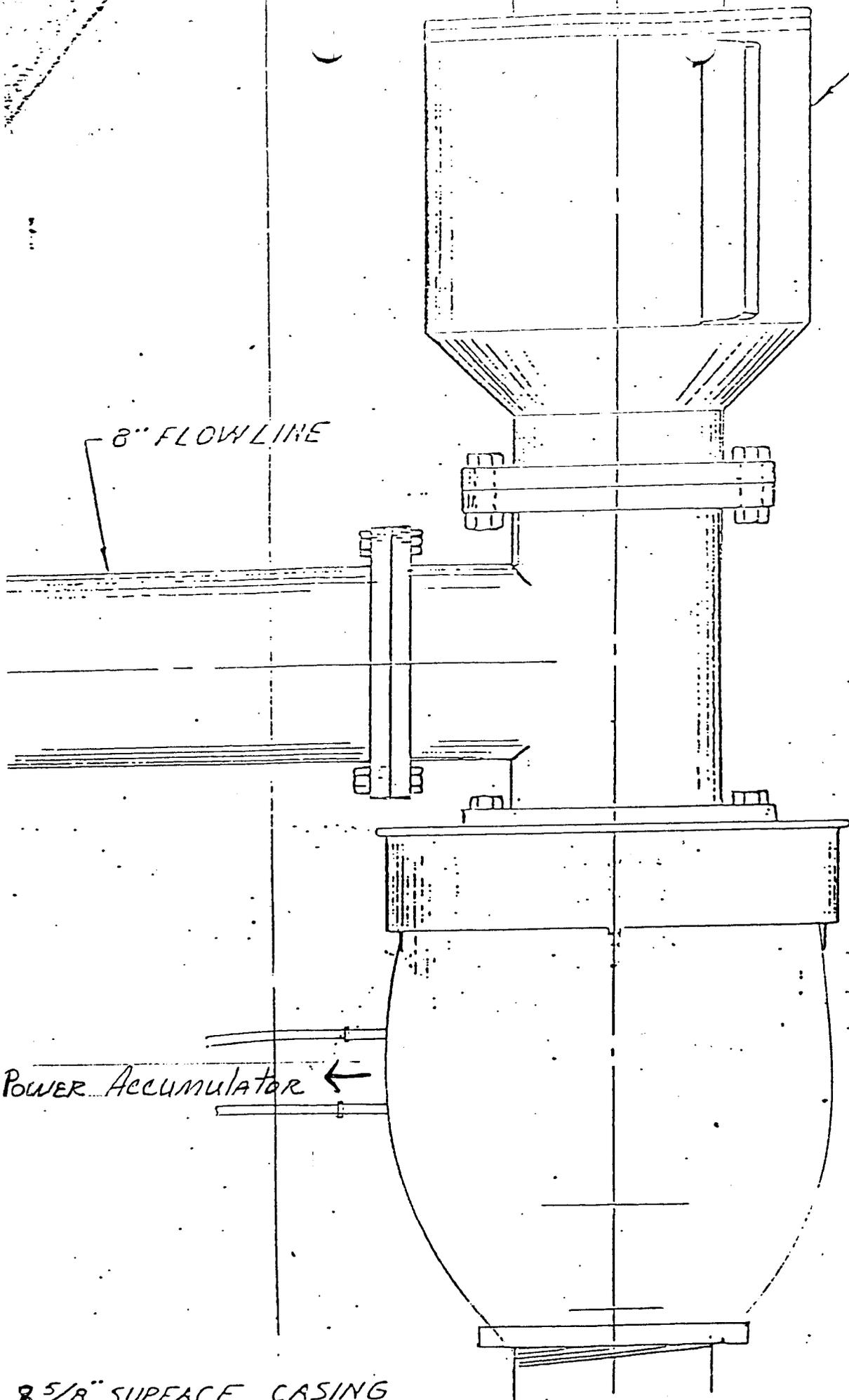
5-9-80

Date

  
Name and Title

ROTATING HEAD

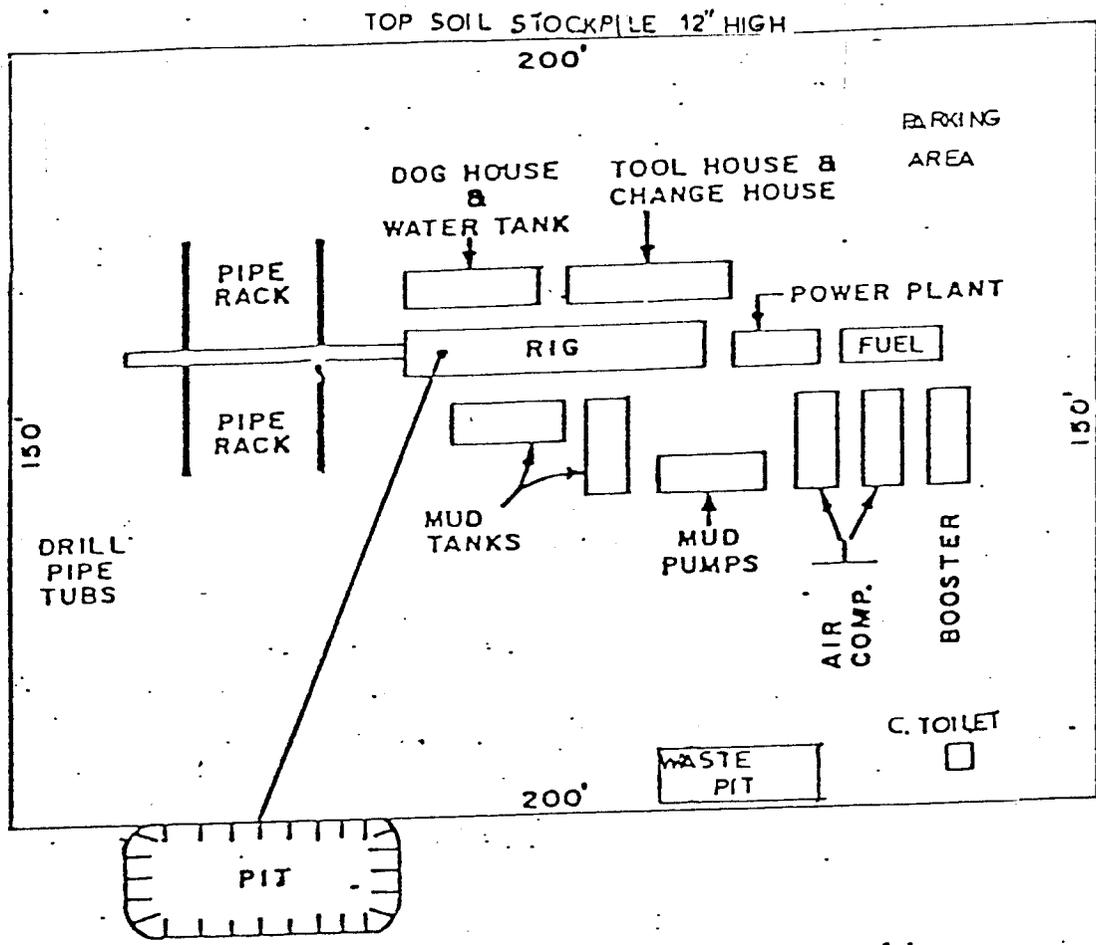
8" FLOWLINE



RIBAN TORUS  
(UNP CLOSING  
B.O.P.)

POWER ACCUMULATOR ←

8 5/8" SURFACE CASING



SCALE: 1" = 40'

43-DM-30642

\*\* FILE NOTATIONS \*\*

DATE: April 10, 1980

Operator: Ambra Oil & Gas Company

Well No: TXD 15-1-80A

Location: Sec. 15 T. 20S R. 23E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-DM-30642

CHECKED BY:

Geological Engineer: \_\_\_\_\_

Petroleum Engineer: M. J. Menden 5-15-80

Director: \_\_\_\_\_  
*on gas spacing on lease - forwarding survey plat 4/10/80 - a*

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B 11/15/79

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation 3rd

Plotted on Map

Approval Letter Written   
*Wm*

PI

May 22, 1980

Ambra Oil and Gas Company  
115 South Main, Suite 420  
Salt Lake City, Utah 84111

Re: Well No. TXO 15-1-80A, Sec. 15, T. 20S, R. 21E., Grand County, Utah  
Well No. Tumbleweed #27-3-80B, Sec. 27, T. 20S, R. 21E., Grand County, Utah  
Well No. Tumbleweed #21-1-80B, Sec. 21, T. 20S, R. 21E., Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 1979.

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

MICHAEL T. MINDER- Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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 numbers assigned to these wells are #TXO 15-1-80A: 43-019-30642; Tumbleweed #27-3-80B: 43-019-30643; Tumbleweed #21-1-80B: 43-019-30644.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
P Petroleum Engineer

/b:tm

cc: USGS

*Sflow*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355

5. LEASE DESIGNATION AND SERIAL NO.

U-44440

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

TXO

9. WELL NO.

TXO 15-1-80A

10. FIELD AND POOL, OR WILDCAT

*(Greater Cisco Area)*  
Cisco Springs

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

Section 15  
T20S, R23E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. PERMIT NO. DATE ISSUED

43-09-30642 | 9/15/80

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.

2. NAME OF OPERATOR

Ambra Oil and Gas Company

3. ADDRESS OF OPERATOR

115 South Main, Suite 420, Salt Lake City, DIVISION OF

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) OIL, GAS & MINING

At surface 660' FNL, 660' FWL, Section 15, T20S, R23E

At top prod. interval reported below

At total depth

*North North West*

15. DATE SPUNDED

10/4/80

16. DATE T.D. REACHED

10/9/80

17. DATE COMPL. (Ready to prod.)

12/13/80

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

4787' GR

4797' KB

20. TOTAL DEPTH, MD & TVD

2605' TD

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

2100'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

Air

CABLE TOOLS

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

2070 - 2076 Cedar Mountain

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cement Bond Log, Compensated Neutron-Formation Density, Dual Induction

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32 lbs.	160'	11"	35 sacks 10-2 RFC	
4 1/2"	10.5 lbs.	2100'	6 3/4"	115 sacks 10-2 RFC	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	2085	None

31. PERFORATION RECORD (Interval, size and number)

2070 to 2076 1/2 inch  
2 shots per foot, 13 shots total

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	1000 Gallon Diesel & 350 lbs. KCL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12/13/80	Flowing	S.I.					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/13/80	24 hrs.		→	10 BBLs			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50 lbs.	300 lbs.	→	10 BBLs			38	

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

TEST WITNESSED BY

Larry Dagleish

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 Manager*

DATE

1-12-81

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
Dakota	1851	1892	Sandstone, Water Sandstone, Oil Sandstone, Water	Mancos	Surface 1744 1816 1851 1920 2080 2319	
Cedar Mt.	2070	2076		"G" Marker		same
Salt Wash	2420	2436		Dakota Silt Dakota Sand Cedar Mt. Shale Morrison Salt Wash		same same same same same same

February 11, 1981

Ambra Oil and Gas Company  
115 South Main Street  
Suite 420  
Salt Lake City, Utah 84111

RE: Well No. TXO #15-1-80A  
Sec. 15, T. 20S, R. 23E.,  
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office January 12, 1981, from above referred to well indicates the following electric logs were run: Cement Bond Log, Compensated Neutron-Formation Density, Dual Induction. As of today's date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

*Barbara Hill*  
BARBARA HILL  
WELL RECORDS

/bjh

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
AMBRA OIL & GAS COMPANY

3. ADDRESS OF OPERATOR  
47 West 2nd South, Suite 510, SLC, UT 84101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
 AT SURFACE: Sec. 15, T20S R23E  
 AT TOP PROD. INTERVAL: 660' FNL, 660' FWL  
 AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Temporary Abandonment	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE  
U-44440

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
TXO

9. WELL NO.  
TXO 15-1

10. FIELD OR WILDCAT NAME  
Cisco Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 15, T20S R23E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30642

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4787' GR 4797' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

Request permission to temporarily abandon this well. We are planning plugging operations.

APPROVED BY THE STATE  
 OIL, GAS AND MINING  
 DATE: 6/4/82  
 BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE PRODUCTION MANAGER DATE May 28, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

April 22, 1983

Ambra Oil & Gas Company  
47 West 200 South, Suite # 510  
Salt Lake City, Utah 84101

Re: Well No. Tumbleweed # 21-1-80B  
Sec. 21, T. 20S, R. 21E.  
Grand County, Utah

Well No. TXO # 15-1-80A ✓  
Sec. 15, T. 20S, R. 23E.  
Grand County, Utah

Well No. Federal # 23-2  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Well No. Ambra IF # 23-5  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR 84101  
47 W. 200 S., Suite 510 Salt Lake City, UT

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL 660' FWL, NW $\frac{1}{4}$  NW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-44440 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
TXO

9. WELL NO.  
TXO 15-1-80A

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 15, T20S R23E

12. COUNTY OR PARISH 13. STATE  
Grand Utah

14. API NO.  
43-019-30642

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4787' GL

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)	<input checked="" type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

Cast iron bridge plug was set at 1800' with 1 sack cement on May 26, 1983. Plug and abandon marker will be set with 10 sacks cement.

We plan surface restoration in the fall when we can reseed. A follow-up report on surface restoration will be submitted.

*BLM Approval is necessary and supersedes State of Utah Acceptance*

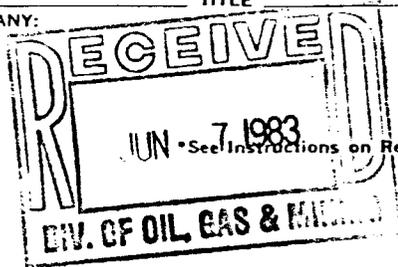
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 6/3/83  
BY: [Signature]

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

SIGNED Jinda Conde TITLE Production Manager DATE June 3, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



This document contains information that is exempt from public release under the provisions of the Freedom of Information Act, 5 U.S.C. 552, and the Privacy Act, 5 U.S.C. 552a.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR 84101  
47 W. 200 S., Suite 510 Salt Lake City, UT

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL 660' FWL, NW $\frac{1}{4}$  NW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
U-44440

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
TXO

9. WELL NO.  
TXO 15-1-80A

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 15, T20S R23E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30642

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4787' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

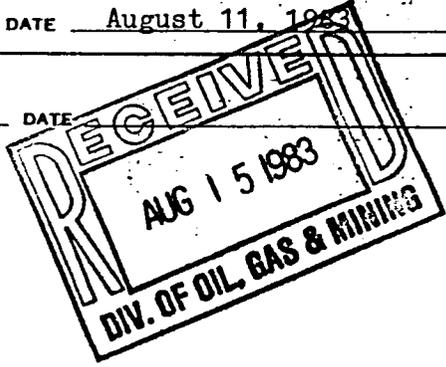
Set cast iron bridge plug at 1800' with 20 sacks cement. This will result in a 250' cement plug from 1800' to 1550'. A 15 sack cement plug will be set in the annulus between the 4 $\frac{1}{2}$ " and 8-5/8" casing. A regulation plug and abandon marker will be set with a 10 sack surface plug.

We plan surface restoration in the fall when we can reseed. A follow-up report on surface restoration will be submitted.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

APPROVED BY THE STATE \_\_\_\_\_ TITLE Production Mgr. DATE August 11, 1983  
OF UTAH DIVISION OF \_\_\_\_\_ (This space for Federal or State office use)  
OIL, GAS, AND MINING  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
BY: \_\_\_\_\_



*BLM (FEDERAL) Approval is necessary & supersedes St. of Ut. Acceptance.*

\*See Instructions on Reverse Side

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. oil well  gas well  other

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AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input checked="" type="checkbox"/>
(other) <input type="checkbox"/>	

5. LEASE  
U-44440

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
TXO

9. WELL NO.  
15-1-80A

10. FIELD OR WILDCAT NAME  
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 15, T20S R23E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30642 *CDMPN*

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4787' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

This well was plugged with the following procedure:

A cast iron bridge plug was set at 1800' with 20 sacks cement. A 15-sack cement plug was set in the annulus between the production and surface casing. A regulation plug and abandon marker was set with a 10-sack surface plug on January 23, 1984. This location was reclaimed on February 9, 1984.

When this location is ready for final inspection, another sundry notice will be submitted.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Jinda Conde TITLE Production Mgr. DATE May 3, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**

**MAY 4 1984**

\*See Instructions on Reverse Side

**DIVISION OF OIL  
GAS & MINING**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION**

EA #427-80  
Sec. 15  
T. 20 S  
R. 23 E

0		
	15	

**INDIVIDUAL WELL RECORD**

SLB & Mer.  
API # 43-019-30642  
Ref. No. 116

**PUBLIC LAND:**

Date September 28, 1981

Land office Utah State Utah  
Serial No. 44440 County Grand  
Lessee Texas Oil and Gas Corp. Field Cisco Springs  
Operator Ambra Oil & Gas Co. District Salt Lake City  
Well No. 15-1-80A Subdivision NW 1/4

Location 660' FNL & 660' FNL Sec 15 T20S R23E

Drilling approved Sept. 15, 1980 Well elevation 4787 Gr. feet  
Drilling commenced October 5, 1980 Total depth 2605 PB 2100 feet  
Drilling ceased October 9, 1980 Initial production 10 BOPD  
Completed for production Dec. 13, 1980 Gravity A. P. I. 38  
Abandonment approved November 9, 1988 Initial R. P. Pumping

Geologic Formations FAN Approval 7-10-92 Productive Horizons  
Surface Lowest tested Name Depths Contents

Mancos Salt Wash Cedar Mountain 2070-76 011  
(2 SPF)

**WELL STATUS**

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1980										Spud TD 2605		POW
1984					SRA rec'd 5/3/84							Monthly Report TA
1988											SRA Approval 11/9/88	

REMARKS Geologic Markers: See well file  
Casing Record: 2 5/8" cc @ 160' w/35' sx  
4 1/2" cc @ 2100' w/115' sx

**RECEIVED**

**AUG 18 1992**

4-922