

SCALE: 1" = 1000'

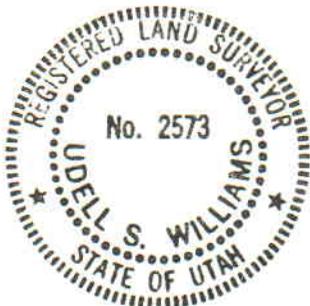
TXO NO. 232

Located South 660 feet from the North boundary and East 660 feet from the West boundary of Section 23, T20S, R23E, SLB&M.

North RP = 4702.0
 East RP = 4707.1
 South RP = 4712.0
 West RP = 4707.7

Elev. 4710

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



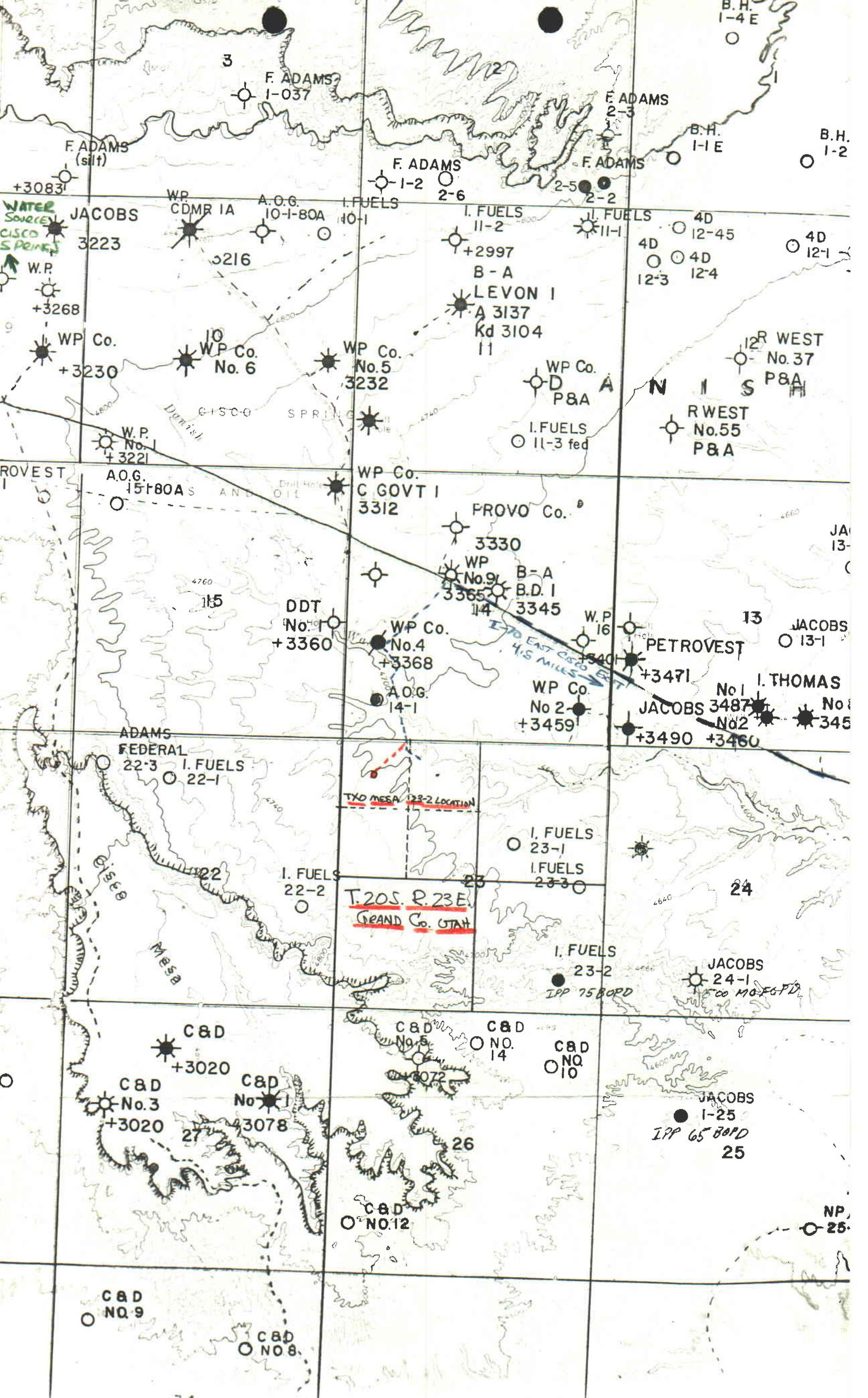
UDELL S. WILLIAMS

751 Rood Avenue
 GRAND JUNCTION, COLORADO 81501

PLAT OF
 PROPOSED LOCATION

TXO NO. 232
 NW 1/4 NW 1/4 SECTION 23
 T20S, R23E, SLB&M

SURVEYED BY: USW DATE: 9/26/80
 DRAWN BY: USW DATE: 9/27/80



F. ADAMS
1-037

F. ADAMS
(silt)

F. ADAMS
1-2

F. ADAMS
2-3

B.H.
1-1 E

B.H.
1-2

+3083

W.P.
CDMR IA

A.O.G.
10-1-80A

I. FUELS
10-1

2-6

I. FUELS
11-2

I. FUELS
11-1

4D
12-45

4D
12-1

WATER SOURCE
CISCO SPRINGS

JACOBS
3223

5216

+2997

B-A
LEVON I
A 3137
Kd 3104
11

4D
12-3

4D
12-4

W.P.
+3268

W.P. Co.
+3230

W.P. Co.
No. 6

W.P. Co.
No. 5
3232

W.P. Co.
D P&A

12 R WEST
No. 37
P&A

R WEST
No. 55
P&A

W.P.
No. 1
+3221

A.O.G.
15-1-80A S

SPRING

W.P. Co.
C GOVT I
3312

PROVO Co.

3330

W.P. No. 9
3365
B-A
B.D. 1
114 3345

W.P.
16

PETROVEST
+3471

13 JACOBS
13-1

DDT
No. 1
+3360

W.P. Co.
No. 4
+3368

A.O.G.
14-1

W.P. Co.
No. 2
+3459

JACOBS
No. 1 3487
No. 2 345
+3490 +3460

ADAMS
FEDERAL
22-3 I. FUELS
22-1

TXO MESA 23-2 LOCATION

I. FUELS
23-1

I. FUELS
22-2

T. 20S. R. 23E
GRAND CO. UTAH

I. FUELS
23-3

I. FUELS
23-2
IPP 7580PD

JACOBS
24-1
IPP 6580PD

C&D
+3020

C&D
No. 5
3072

C&D
NO. 14

C&D
NO. 10

C&D
No. 3
+3020

C&D
No. 1
3078

JACOBS
1-25
IPP 6580PD
25

C&D
NO. 12

NP
25

C&D
NO. 9

C&D
NO. 8

September 19, 1980

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

RE: NTL-6 Supplementary Information
for APD, 9-331-C
TXO Mesa 23-2

Attention: Mr. Ed Guynn

Application for Ambra Oil & Gas Company, a Utah Corporation, to drill in the NWNW of Section 23, T20S, R23E, Grand County, Utah is set forth on Form 9-331-C. 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	1345'	oil and gas
	Cedar Mountain	1625'	oil and gas
Jurassic	Morrison (Brushy Basin)	1717'	
	Salt Wash	1981'	oil, gas, water
	Summerville	2292'	oil, gas, water
	Entrada	2352'	water
	Total Depth	2400'	

4. Casing program: See Form 9-331-C.

5. Pressure Control Equipment: Operator will use 8 5/8" good PSI spool with rigan torus BOP above spool. 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 a type 600 series rigan torus of 7 1/16" I.D. BOP will be tested every 24-hours during daily operations.

6. Drilling and circulating medium: Operator plans to drill with air and air mist as far as possible. Water base drilling fluid will be used in the event formation water is encountered and to control or kill oil or gas flows when running long string - 4 1/2" 10.5 lb. casing - mud invert polymer type bio-degradable mud 8.2 lb. per gallon. Weight and mud to 10 lb. per gallon if required will be provided. The addition of potassium (KCL) chloride D.G. chemical added as required.

7. Auxiliary equipment: (1) Kelly Cock - Demlo (2) floats at the bits - yes and string (3) monitoring equipment on mud system - none (4) sub on floor with a full opening valve. The fill, kill and choke lines will be attached to well head below BOP. Also auxiliary equipment to be used.

- a. 6,000# shut off valve on stand pipe.
- b. One float at bit and two string floats.
- c. Sub 3 1/2" IF to 2" valve for controlling blowouts for use when making round trips in event of well blowouts.

8. Testing, logging, coring: Schlumberger or Birdwell. No DST's programmed. Dual induction laterlog (DIL), compensated neutron & formation density (CNFD), caliber log (CL), sonic BHC. If casing is run, a cement bond log (CBL) and gamma ray (GRL). Drilling, take samples every 10' starting at 500' to TD. Microscope analysis will be done by a certified geologist. Drillers and penetration logs. No coring planned.

9. Maximum bottom hole pressure expected is 1500 PSI. Flexibility provisions are the BOP and high pressure fittings and couplings. No hydrogen sulfide problems are expected.

10. Drilling operations will begin November 1, 1980 and completion is anticipated in seven 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.

Sept. 24, 1980
Date

Wesley Pettingill
Wesley Pettingill
Exploration Manager

September 19, 1980

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

RE: TXO Mesa 23-2
Multipoint Requirements to
Accompany APD

Attention: Mr. Ed Gynn

1. Existing Roads

- a. Proposed well site is staked. See surveyors plot.
- b. Route and distance from nearest town. East exit from Cisco/Bookcliff exit on I-70. Four miles northwest towards Bookcliff on main Cisco Springs road. Go past the Browndirt #1 well on the south side of the road to the next main access road heading south which will take you to the Willard Pease Cisco Springs #4 well. From the Pease location you head southwest on the TXO 14-1 access road until you come to a dry wash. At this point, we will use the TXO Mesa 23-1 existing Access road. We will follow this road 1500' due Southeast until we come to the small dry wash. On the south side of this dry wash we will construct a new and surface scraped access road 900' in length west southwest to the TXO Mesa 23-2. It will basically follow the dry wash bed and rise up a gentle 20' bank to the well pad location. This is approximately a 3% grade.
- c. Access road is color coded in red with the existing road color coded in blue on the enclosed topo map.
- d. Does not apply.
- e. If a development well, list all the existing roads within a one-mile radius of well site. This includes the main county road which heads from the SENW and crosses cross section 14. This also includes the Willard Pease Cisco Springs #4 access road. To the northwest of our location is a dry hole access road to the Cullen #1 well, which has not been reclaimed, but has been revegetated by the natural forces of the area. The existing roads we intend to use are marked on the AEC topo map in blue. This road is a surface scraped mancos shale base.

2. Planned Access Roads

1. Width: 15' bladed out on flat land.

- 2, Maximum grades: four degrees
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. Location of culverts and brief description of any major cuts and fills. No culverts needed or wanted in this area. No dry wash cuts are anticipated if we use the existing TXO Mesa 23-1 access road. A dry wash cut has already been initiated by the existing access road.
6. Surfacing material: none needed. Land will be disturbed little. With correct road building procedures, we will need no additional material.
7. Necessary gates, cattleguards, or fence cuts: none needed.
8. New or reconstructed roads: As previously described in point 2, we will make use of the existing TXO Mesa 23-1 access road. We will follow this road until it crosses the dry wash, approximately 1500' southeast from the TXO Mesa 14-1 well. Upon crossing this wash, we will construct a new road 900' west southwest to the TXO Mesa 23-2 location. This road will be surface scraped 15' wide with small borrow pits on each side for proper drainage. Any needed cuts and fills will be done in accordance with proper BLM procedure and/or as per the on-site inspection. We will have an approximately 3% grade to the well location.

3. Location of Existing Wells

a. See USGS topo map

b. Producing wells in a one-mile radius:

1. Sec 14 Willard Pease #4; oil
2. Sec 14 Willard Pease #9, gas
3. Sec 14 Boardwalk/Ambra Browndirt #1; gas
4. Sec 14 Ambra TXO 14-1; oil
5. Sec 14 Willard Pease #2; abandoned oil
6. Sec 15 Willard Pease C Govt. #1; oil & gas
7. Sec 23 TXO Mesa 23-1; being drilled

c. Producing wells in a two-mile radius:

1. Sec 9 Willard Pease #1 405; oil & gas
2. Sec 10 U V Industries #4; oil & gas
3. Sec 10 Willard Pease #6; oil & gas
4. Sec 10 Willard Pease #1; gas
5. Sec 10 Willard Pease #5; oil & gas
6. Sec 11 Boardwalk/Ambra Levon #1; oil & gas
7. Sec 11 A W Cullen #2; gas
8. Sec 13 Isabelle Thomas #8; gas

9. Sec 13 Jacobs #1; gas
10. Sec 13 Jacobs #2; gas
11. Sec 13 Petrovest; gas
12. Sec 27 C & D #3; gas
13. Sec 27 C & D #1; oil & gas
14. Sec 27 C & D; Oil & gas

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: The operator maintains an oil tank battery on the Levon #1 well in Sec. 11. They also maintain a pump jack and single tank on the TXO 14-1. These tank batteries will not be used if production is established with this well. New tank batteries will be installed on the TXO Mesa 23-2 if oil production is established.

2. Production facilities: Operator maintains a 3-stage separator on the Levon #1 well in Section 11. They also maintain a pump jack on the TXO 14-1 in Section 14 and a 2-stage separator on the Browndirt well in Section 14. None of these production facilities can be utilized if production is established on the TXO Mesa 23-2. If we have production, such equipment will be installed.

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

4. Gas gathering line: Northwest Pipeline Grand Gas'Collectin System with several trunk collection lines in this immediate area. Closest trunk is at the Browndirt #1 well approximately 3,000' north northeast in Section 14. No line will be laid to this well unless gas production is established.

5. Injection lines: none

6. Disposal lines: none

b. 1-If new facilities are contemplated in the event of production: See the enclosed 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 Browndirt #1 4" trunk line (all on lease) operated by Northwest Pipeline. A time schedule for this will be within a 60-day period upon completion of the well.

c. 1-Plan for rehabilitation of disturbed area: no longer needed for operation after construction. 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. Cisco Springs in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 4, T20S, R23E. We have applied for the state water permit. Permit has not yet been approved.
- b. State method of transporting water: 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.

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 a burn cage then burned and hauled out 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 blouey line will be 125' long, centered and angled down into a trench pit. It will be anchored. The blouey 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

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. Surface soil will be stock piled on north side of location 12" high.

2. Mud tank, reserve, burn and trash pits, see drawing.
3. See drawing
4. Pits are to be unlined.

10. Restoration Plans

1. Backfill of pits and all surface holes will be completed and will be leveled to the original contour of the land before drilling. Waste disposal will be accomplished as follows: all portable waste will be burned and buried in the waste pit. All other trash will be hauled out of the area.

2. Revegetation and rehabilitation: the grounds including the access road will be conditioned and revegetated and seeded as per BLM requirements, that being regrading of the surface soil and reseeding to take place from October 15 to November 15.

3. After the rig is moved.

4. If there is oil in the pit, we will either remove it or install overhead flagging.

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 instruction (October 15 to November 15). We will restore location back to original condition before rig is moved in.

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 2 3/4 miles northwest 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

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.

9-24-80

Date

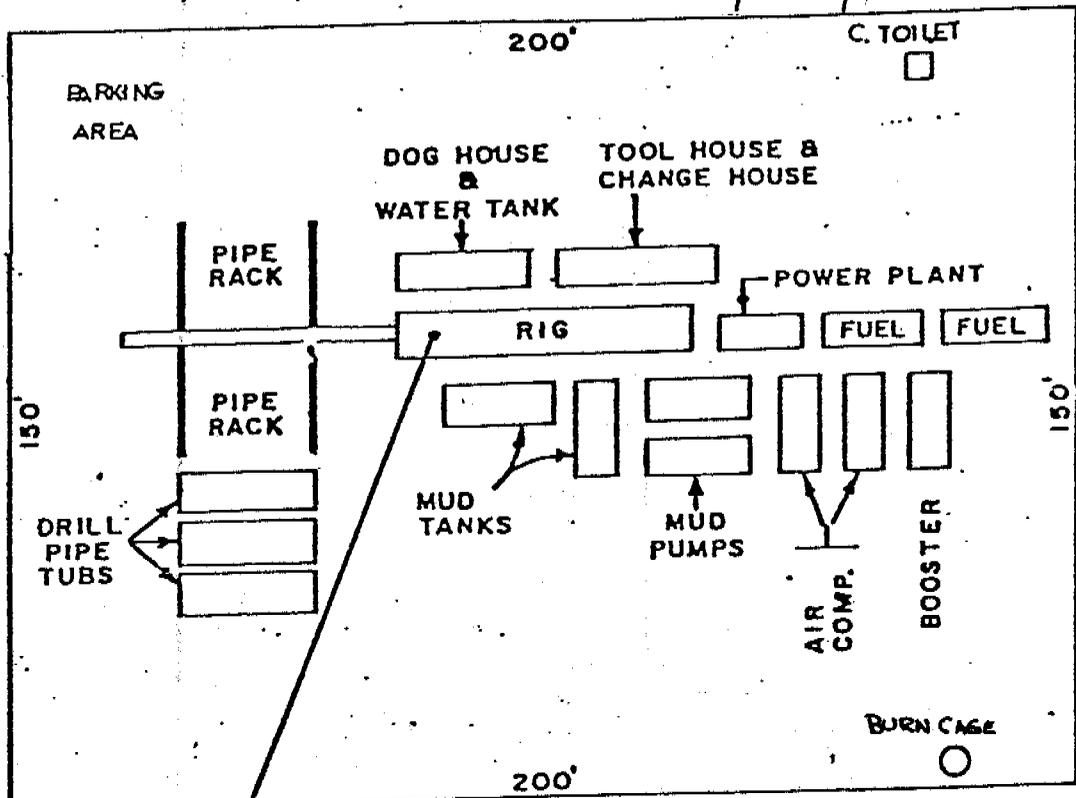


Kerry M. Miller
Production Manager



SCALE: 1" = 40'

PROPOSED ROAD



TOP SOIL STOCKPILE 12' HIGH

BARRING AREA

PIPE RACK

DOG HOUSE & WATER TANK

TOOL HOUSE & CHANGE HOUSE

C. TOILET

POWER PLANT

RIG

FUEL

FUEL

150'

PIPE RACK

DRILL PIPE TUBS

MUD TANKS

MUD PUMPS

AIR COMP.

BOOSTER

150'

BURN CASE

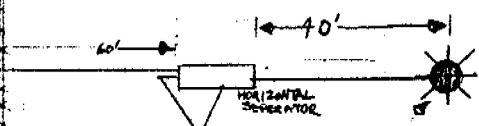
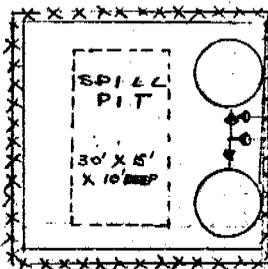
200'

PIT



TANK BATTERY
OIL SALES

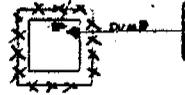
FENCED
AND
FIRE
BERMED



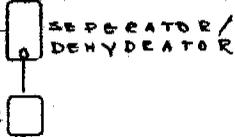
OIL AND/OR GAS

SCALE 1" = 40'

PIT IN
40' X 8' X
4\"/>



METER



GAS
SALES

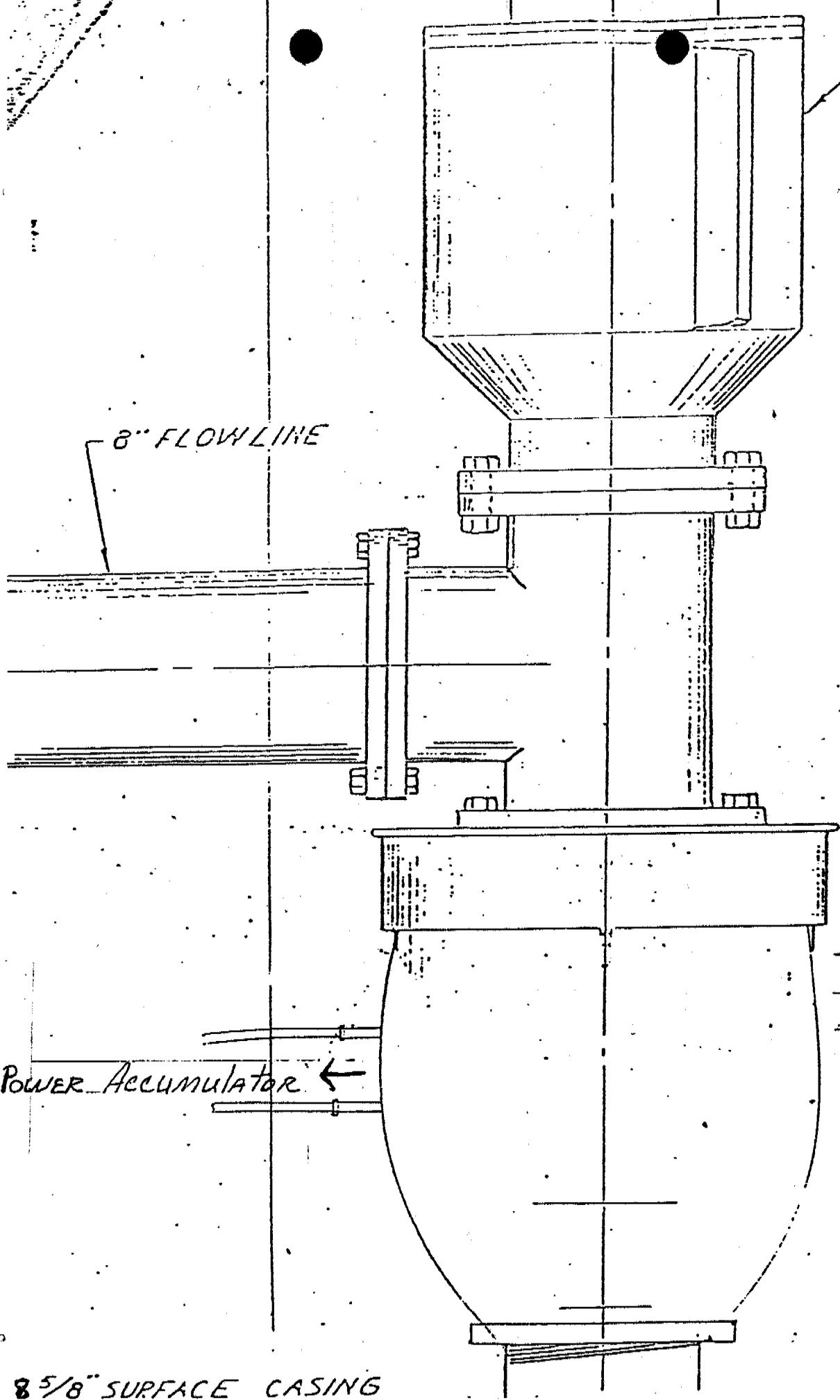
ROTATING
HEAD

8" FLOWLINE

RIGAN TORUS
UNYP CLOSING
B.O.P.

POWER ACCUMULATOR ←

8 5/8" SURFACE CASING



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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Ambra TXO Mesa 23-2

Project Type Development Gas Test

Project Location 660' FWL, 860' FNL, Sec. 23, T20S, R23E, Grand Co, Utah

Date Project Submitted October 14, 1980

FIELD INSPECTION

Date November 25, 1980

Field Inspection
 Participants

Wes Pettingill - Ambra

Leonard Lewis - Galley Construction

Elmer Duncan, Mical Walker - BLM

Glenn Doyle - U.S.G.S.

Craig Ivie - Northwest Pipeline

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

February 13, 1981
 Date Prepared

Glenn M. Doyle
 Environmental Scientist

I concur

2/23/81
 Date

E. [Signature]
 District Supervisor

(Rec 2/23/81)

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2		6	11/25/80	
2. Unique characteristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2	6			
7. National Register historic places	1-1/29/81								
8. Endangered/threatened species	1-1/29/81								
9. Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached

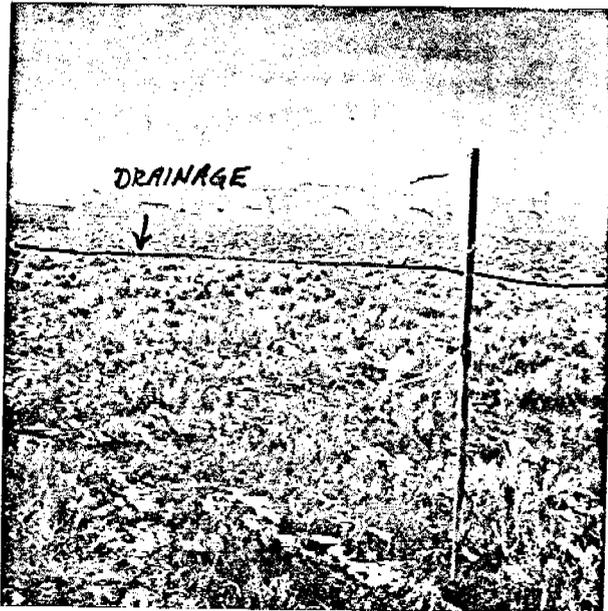
COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement

Site-specific Stipulations

- 1.) Move the location 200 feet due south to significantly reduce the cuts and fills
- 2.) Rotate the location 90° counter-clockwise in order to aim the blooie line away from the access
- 3.) Fence reserve pit on three sides prior to drilling and on the fourth side once the rig moves off
- 4.) Operator will spray water into the end of the blooie line to control this point source of fugitive dust emissions



AMBRA TXO MESA 23-2

ORIGINAL LOCATION



AMBRA TXO MESA 23-2

REVISED LOCATION - 200' SOUTH

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 48 hours prior to beginning construction of access road and pad.

Stockpile the surface twelve inches of topsoil in a wind-row on the north west quadrant of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

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 and USGS U USFS publication).

If production is obtained, all production facilities will be painted. (See enclosed suggested colors to paint Oil & Gas Production Facilities).

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the pre-drill field examination -

Access -

- 1) The new road construction will be approximately 900 feet long. It goes westerly from TX0 Well #23-1 in NE/NW Section 23 to TX0 Well 23-2 in NW/NW Section 23, T. 20 S., R. 23 E., SLB&M. This road will be surface scraped to a maximum travel surface of fifteen feet in width.
- 2) Low water-crossings will be installed at each drainage.
- 3) Top soils and vegetation removed from the road surface will be wind-rowed along the north side of the road.
- 4) If the well is a producer, the access road will be up-graded according to BLM standards of the yellow "Oil & Gas" pamphlet (A BLM-USGS - USFS publication).
- 5) If the well is a non-producer, the access road will be closed to travel ripped or disced, topsoils replaced and seeded by drilling. (Seed species mixture enclosed).

Location -

- 1) Turn the rig layout 90 degrees counter clockwise to lay along ridge top and put blooey pit to east side of the location.
- 2) Move rig layout 200 feet south to get it higher on ridge and keep the location out of a natural drainage channel.
- 3) Pit(s) will be fenced on three sides during the drilling operation, using 48 inches high woven wire with a strand of barbed wire along the top for support. Pit(s) will be fenced on the fourth side prior to rig removal.
- 4) If the well is a non-producer, the location will be cleaned up, the whole site ripped or disced, topsoils replaced and the pad seeded by drilling the seed into the ground.

SEED MIXTURE

Species		lbs/acre
<u>Grasses</u>		
Oryzopsis hymenoides	Indian Rice Grass	1
Hilaria jamesii	Curley Grass	1
<u>Forbs</u>		
Sphaeralcea coccinea	Globemallow	1
<u>Shrubs</u>		
Atriplex confertifolia	Shadscale	1
Artemisia spinescens	Bud Sage	<u>1</u>
	Total	5

FROM: : DISTRICT GEOLOGIST , SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-4440

OPERATOR: Ambra O & G WELL NO. TXO Mesa 23-2

LOCATION: C ½ NW ½ NW ½ sec. 23, T. 20 S, R. 23 E, SLM
Grand County, Utah

1. Stratigraphy: Operator tops seem reasonable

Mancos	surface		
Dakota	1545'		
Cedar Mtn.	1625'	Summerville	2290'
Brushy Basin	1715'	Entrada	2350'
Salt Wash	1980'	<u>TA</u>	<u>2400'</u>

2. Fresh Water:

Possible in near surface Mancos sandstones. Useable water probably occurs in Mancos sandstones, especially Ferron member (~1400' depth). Dakota may also contain useable water.

3. Leasable Minerals:

Minor coal in the Dakota (thin & lenticular beds).

4. Additional Logs Needed: Suite is adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

DEC 10 REC'D

Signature: Gregory W. Wood Date: 11 - 1 - 80



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

- Dynasty Green (Sears)
- Tumbleweed (Pratt & Lambert)
- Desert Tan -----
- Sage Gray (Pratt & Lambert)

Bookcliffs Region:

- Sage Gray (Pratt & Lambert)
- Sea Life (Pratt & Lambert)
- Dynasty Green (Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO

3100
(U-603)

JAN 28 1981

Memorandum

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

From: Acting Area Manager, Grand

Subject: Ambra Oil & Gas Company
TXO Mesa 23-2, Lease #U-44440
NW/NW Section 23, T. 20 S., R. 23 E., SLB&M
Grand County, Utah

On November 25, 1980 a representative from this office met with Glenn Doyle, USGS, and Wes Pettingill agent of the Ambra Oil & Gas Company for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, 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 or fauna are indicated in the area.

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

M. Scott Pedler

Enclosures: (3)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities

U. S. GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
RECEIVED

JAN 29 1981

GRAND JUNCTION, COLORADO

** FILE NOTATIONS **

DATE: Oct 10, 1980
OPERATOR: Amstar Oil & Gas Co.
WELL NO: TXO Lease #23-2
Location: Sec. 23 T. 20S R. 23E County: Marion

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-019-30714

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued in Case 102-14B 9/26/79

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 102-14B 9/26/79 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 Drill Plotted on Map

Hot Line Approval Letter Written

P.I.

October 17, 1980

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

Re: WellNo. TXO Mesa 23-2
Sec. 23, T. 20S, R. 23E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated September 26, 1979.

Should you determine that it will be necessary to plug and abandon this well, 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 number assigned to this well is 43-019-30714.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight /ka
Cleon B. Feight
Director

/ka
cc: USGS



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

March 30, 1981

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

Re: SEE ATTACHED SHEET

Gentlemen:

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

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application.) If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

SANDY BATES
CLERK-TYPIST

ATTACHED SHEET:

WELL NO. BROWNDIRT #2
Sec. 14, T. 20S. R. 23E.
GRAND COUNTY, UTAH

WELL NO. BROWNDIRT #3
Sec. 14, T. 20S. R. 23E.
GRAND COUNTY, UTAH

WELL NO. TUMBLEWEED #21-2
Sec. 21, T. 20S. R. 21E.
GRAND COUNTY, UTAH

WELL NO. TXO MESA #23-2
Sec. 23, T. 20S. R. 23E.
GRAND COUNTY, UTAH

WELL NO. TUMBLEWEED #27-3-80-B
Sec. 27, T. 20S. R. 21E.
GRAND COUNTY, UTAH

WELL NO. TUMBLEWEED #27-6
Sec. 27, T. 20S. R. 21E.
GRAND COUNTY, UTAH

WELL NO. TXO SPRINGS #9-1
Sec. 9, T. 20S. R. 23E.
GRAND COUNTY, UTAH

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 Location not drilled
2. NAME OF OPERATOR
AMBRA OIL & GAS COMPANY
3. ADDRESS OF OPERATOR
115 South Main, #420, SLC, UT 84111
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660 FNL 660 FWL, Sec. 23, T20S,
AT TOP PROD. INTERVAL: R23E
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) Not drilled | <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
N/A
9. WELL NO.
Txo Mesa #23-2
10. FIELD OR WILDCAT NAME
Cisco Springs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T20S, R23E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)

(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 location has not been drilled. The well will be drilled within 6 months of this notice.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Kent A. Swanson TITLE Geologist DATE April 3, 1981

(This space for Federal or State office use)

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

Amber
P

NOTICE OF SPUD

Caller: Miss ~~Pat~~ Pittingill

Phone: _____

Well Number: TXO ^{meas} 23-2

Location: NW NW Sec. 23 20S-23E

County: Grand County State: Utah

Lease Number: U-44410

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 6.9.81 5:30 P.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 11" surface hole

Rotary Rig Name & Number: Shiner #3

Approximate Date Rotary Moves In: 6.7.81

FOLLOW WITH SUNDRY NOTICE

Call Received By: DM

Date: 6.9.81

RECEIVED
JUN 10 1981

DIVISION OF
OIL, GAS & MINING

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

SUBMIT IN DUPLICATE
(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR **American Plaza III
47 West 2nd South, Suite 510, Salt Lake City, Utah 84101**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **660' FWL 860' FNL NWNW**
At top prod. interval reported below
At total depth

14. PERMIT NO. **43-019-30714** DATE ISSUED **10-15-80**

5. LEASE DESIGNATION AND SERIAL NO.
U-04440

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
TXO Mesa

9. WELL NO.
TXO Mesa 23-2

10. FIELD AND POOL, OR WILDCAT
Greater Cisco Field

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NWNW Sec. 23, T20S, R23E

12. COUNTY OR PARISH
Grand 13. STATE
Utah

15. DATE SPUNDED **6/9/81** 16. DATE T.D. REACHED **6/13/81** 17. DATE COMPL. (Ready to prod.) **P & A** 18. ELEVATIONS (DF, REB, RT, CR, ETC.)* **4710' G.L.** 19. ELEV. CASINGHEAD **Same**

20. TOTAL DEPTH, MD & TVD **2520'** 21. PLUG, BACK T.D., MD & TVD **P & A** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
N/A 25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, CNL, FD 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"	24.0	160'	11"	35 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
P & A		P & A

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

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

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 **Rebecca Sledge** TITLE **Production Clerk** DATE **9-23-81**

*(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 report 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.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Dakota	1700'	1700'
			Cedar Mtn.	1773'	1773'
			Morrison (brushy)	1993'	1993'
			" (Salt W.)	2148'	2148'



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

December 14, 1981

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

Re: Well No. TXO #15-4.
Sec. 15, T. 20S, R. 23E
Grand County, Utah
(August- November 1981)

Well No. TXO Mesa 23-2
Sec. 23, T. 20S, R. 23E
Grand County, Utah
(July - November 1981)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC- 1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

CARI FURSE
CLERK TYPIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 21 1983
DIV. OF OIL, GAS & MINING

Form Approved.
Budget Bureau No. 42-R1424

PIA

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 dry

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' FWL 860' FNL, 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 NO. 440

6. INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
TXO

9. WELL NO.
23-2

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T20S R23E

12. COUNTY OR PARISH Grand

13. STATE Utah

14. API NO.
43-019-30714

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4710' 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.)*

Well was plugged on June 14, 1981 as follows: Plug #1 2200'-2000' with 40 sx
Plug #2 1700'-1500' with 40 sx
Plug #3 220'-120' with 20 sx

A regulation plug and abandon marker is set with a 10-sack surface plug.

Another sundry notice will be sent when the site is ready for final inspection.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE:
BY: Ft.

Subsurface Safety Valve: Manu. and Type

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

SIGNED Jinda Conde TITLE Production Mgr. DATE October 21, 1983

(This space for Federal or State office use)

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug
Use "APPLICATION FOR PERMIT—" for such operations.)

RECEIVED

MAY 17 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMBRA OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR
47 West 200 South, Suite 510, Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1120' FEL 932' FSL, SE $\frac{1}{4}$ SE $\frac{1}{4}$

14. PERMIT NO.
43-019-30543

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4652' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-42223

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Inland Fuels

9. WELL NO.
Inland Fuels 23-2

10. FIELD AND POOL, OR WILDCAT
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T20S, R23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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 on October 23, 1984 in the following manner:

Pull all 4 $\frac{1}{2}$ " casing and set following cement plugs:

- #1 1431' - 1231' with 24 sacks Class "H"
- #2 200' - 100' with 23 sacks Class "H"
- #3 50' - surface with 17 sacks Class "H"

10# mud between plugs.

This location has been rehabilitated and reseeded according to BLM stipulations and is now ready for final inspection.

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

SIGNED Jennifer J. Winterton TITLE Production Clerk

DATE 5/16/85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side