

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M-046557 (Drilling Bond #)

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 Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 660' FEL 1980' FSL, NE 1/4 SE 1/4
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 U-49684

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NA

7. UNIT AGREEMENT NAME
 NA

8. FARM OR LEASE NAME
 Harley Dome

9. WELL NO.
 Harley Dome 17-1

10. FIELD AND POOL, OR WILDCAT
 Harley Dome Gas Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 17, T18S R25E

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles northwest of Mack, Colorado

15. 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
 5787

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 6700'

19. PROPOSED DEPTH
 2460' *MORRISON*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4945' GL

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24	160'	35 sx (cement to surface)
6-3/4"	4 1/2"	10 1/2	2460'	135 sx

Well will be drilled to test the Morrison Salt Wash formation.
 All shows encountered will be tested.

Blowout equipment to be used: 8" 900 series double gate shaffer hydraulic type LWS

RECEIVED
 JUN 15 1983

6-17-83
Yorvan Stout

DIVISION OF
 OIL, GAS & MINING

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

24. SIGNED Sinda Conde TITLE Production Manager DATE June 13, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BUREAU OF LAND MANAGEMENT
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Harley Dome 17-1
NTL-6 Supplementary Information for
APD, 9-331-C

Application for Ambra Oil & Gas Company, a Utah corporation, to drill in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 17, T18S R25E, Grand County, Utah is set forth on Form 9-331-C. The purpose of this letter is to present the additional information as required by the NTL-6 regulation.

1. Geologic Name of Surface Formation: Cretaceous Mancos Shale

2. Geological Formation Tops:

&

3. Cretaceous	Mancos Shale	Surface
	Dakota	1802'
	Cedar Mountain	1925'
Jurassic	Morrison Brushy Basin	1984'
	Morrison Salt Wash	2359'
	Total Depth	2460'

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

5. Pressure Control Equipment: BOP and manifold will be tested to 1000 psi prior to drilling out shoe joint. Pipe rams will be operational and tested daily. Blind rams will be operational and tested on trips. BOP and manifold will be visually inspected daily. All tests will be recorded on daily tour sheets. See BOP schematic.

6. Drilling and Circulating Medium: Operator plans to drill with air and air mist as far as possible. A water-based drilling fluid will be used in the event formation water is encountered, to control or kill oil or gas flows, and when running long string (4 $\frac{1}{2}$ ", 10 $\frac{1}{2}$ lb casing). It will consist of an invert polymer-type biodegradable mud at 8.2 lb per gallon. Weight and mud to 10 lb per gallon will be provided if required. Potassium chloride (KCl) D.G. chemical will be added as required.

7. Auxiliary Equipment: (1) Kelly Cock - Demco; (2) Floats at the bit sub and string; (3) No monitoring equipment on mud system; and (4) Sub on floor with a full-opening valve. The fill, kill, and choke lines will be attached to the wellhead below the BOP. The following auxiliary equipment will also be used:

- a. 6000# shut-off valve on stand pipe.
- b. One float at bit and two string floats.
- c. Sub 3 $\frac{1}{2}$ " IF to 2" valve for controlling blowouts when making round trips.

8. Testing, Logging, & Coring: Schlumberger or Gearhart. No DST's programmed. Electric logs will consist of dual induction laterlog (DIL), compensated neutron and formation density (CNFD), caliber log (CL), and sonic BHC. If casing is set, a cement bond log (CBL) and gamma ray log (GR) will be run. Drilling samples will be taken every 10 feet starting 100 feet above the Dakota formation. Microscope analysis will be done by a geologist.

9. The 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. The approximate starting date is July 1, 1983, and drilling should take from five to ten 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.

June 13, 1983
Date

Linda Conde
LINDA CONDE
Production Manager

June 13, 1983

BUREAU OF LAND MANAGEMENT
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: HARLEY DOME 17-1
Multipoint Requirements

1. Existing Roads

a. Proposed well site is staked.

b. Route and distance from nearest town. Well site is located approximately 20 miles northwest of Mack, Colorado. Exit at the Ranch Exit near mile post 219 on I-70 between Cisco, Utah and Mack, Colorado. Turn onto the frontage road north of I-70 and proceed along that road (north) for approximately $9\frac{1}{2}$ miles. This road parallels Westwater Creek. At the junction of this road with the Harley Dome County Road, turn right and go approximately .4 mile to a major intersection. Go through the intersection and continue north along the portion of the County Road that leads to Bryson Wash approximately 1.2 miles. Turn right at the first road to the right (southeast). Proceed approximately 2 miles until a water catchment of corrugated sheet metal is seen on the left. At this point the existing road becomes the access road to the proposed location. The length of the new access road is approximately 1050 feet to the southwest corner of the well pad. This new access road will be constructed according the Class III standards.

c. Access road is dotted in red. The existing roads are solid in blue.

d. Does not apply.

e. If a development well, list all the existing roads within a one-mile radius of well site. This is an exploratory well.

f. Plans for improvement and/or maintenance of existing roads. The operator will maintain existing roads according to Class III standards. Improvements to existing roads are necessary and will be done according to Class III standards. The total disturbed width will be 24 feet and the travel surface will be 16 feet.

2. Planned Access Road

1. Width: 16' travel surface, 24' disturbed width.

2. Maximum grades: $\frac{1}{2}$ to 1 degree. No waterbars are needed.

3. Turn-out: No turn-outs are needed.

4. Drainage design: small borrow pit on one side for drainage. Should production be established, the road will be upgraded to include ditch and crown.

5. No culverts are needed in this area. No major cuts or fills are required.

6. Surfacing material: none needed. The road will be lightly scraped on the surface.

7. Necessary gates, cattleguards, or fence cuts: none needed.

8. New or constructed roads. Operator will make use of existing roads in the area whenever possible. The new access road will be constructed approximately 1050 feet in length from an existing road to the southwest corner of the well pad and according to Class III standards. The width will be 16' travel surface, 24' disturbed width, scraped only on the surface. The top 4 inches of topsoil will be windrowed on the uphill side of the access road. Surface disturbance will be kept to a minimum. The surface is generally flat, requiring no major cuts or fills.

3. Location of Existing Wells

- a. See USGS topographic map.
- b. Producing wells in a one-mile radius: none
- c. Producing wells in a two-mile radius: none
- d. No water, disposal, or injection wells are in a one-mile radius.

4. Location of Existing and/or Proposed Facilities

a. 1. Tank batteries. If oil production is established, new tank batteries will be installed in the southwest corner of the proposed location and will be 125 feet from the wellhead.

2. Production facilities. If gas production is established, new production facilities will be installed in the southwest corner of the proposed location. All the above-ground production equipment will be painted using one of the approved colors provided by BLM personnel in their concurrence letter.

3. Oil gathering lines. None - only to tank at location if oil production is established.

4. Gas gathering lines. If the well qualifies for hook-up, Northwest Pipeline will run a lateral from their Grand Valley Line located in T18S R25E to the well.

5. Injection lines. None.

6. Disposal lines. None.

b. Any new facilities required in the event of production will be located in the southwest corner of the proposed location. See the enclosed 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 to hold 110% of the tank volume. Gas lines will be laid on the surface to the Grand Valley Line located in T18S R25E operated by Northwest Pipeline. A time schedule for this will be within a 60-day period upon completion of the well.

c. The reserve pit and any portion of the location and access road not needed for production or production facilities will be reclaimed as described in the rehabilitation section. All windrowed topsoil will be used in reclaiming unused areas.

5. Location and Type of Water Supply

a. Westwater Creek, approximately 3 miles west of location. We have applied for a state water permit.

b. 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, 30 miles west. Until production is established, the road will be a surface-scraped dirt road from the existing road to the proposed well location. No construction materials are planned or needed. This is flat desert land on a Mancos Shale formation. Bladed roads that are watered and packed down are the best roads for this area.

7. Method for Handling Waste Disposal

Cutting and drilling fluids will be discharged via air into the reserve pit. A portable chemical toilet will be on location for sewage. Garbage and waste materials will be placed in a trash cage and hauled out when work is completed. Produced fluids (oil and water) will go into tanks and pits, respectively. The blowby line will be 125 feet long, centered, and angled down into the reserve 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 the rig is moved out. If any waste material is to be burned, a burning permit will be obtained from the State Land Forestry and Fire Control office in Moab, Utah prior to burning.

8. Auxiliary Facilities

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

9. Well Site Layout

1. Cross section of 150' x 150' drilling pad with cuts and fills. The well location is relatively flat and requires minimum cuts and fills. Half of the top 6" of soil material will be windrowed on the south side of the location and half windrowed on the west side of the location. The topsoil will be windrowed separate from trees and vegetation.

2. Mud tank, reserve pit, and trash cages. See well pad schematic. The reserve/bloney pit will be located on the north side of the location. The pit will be fenced on 3 sides prior to drilling, and the fourth side will be fenced when drilling is completed. The fence will be 36" high of woven wire plus one strand of barbed wire for support.

3. See drawing.

4. Pits are to be unlined.

10. Restoration Plans

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the portable trash cage and will be hauled to a local town dumpsite. No trash will be left in the pits.

2. The operator or his contractor will notify the Grand Resource Area BLM Office in Moab, Utah (801-259-8193) four to eight hours prior to starting rehabilitation work that involves earthmoving equipment. The Grand Resource Area BLM Office in Moab will again be notified upon completion of restoration.

3. Prior to any dirtwork restoration of disturbed areas, the reserve/bloney pit will be dry and completely free of any trash or debris. Any such trash or debris will be removed from the pit and public lands.

4. All disturbed areas to be restored will be recontoured to blend with the surrounding area. The windrowed topsoil will be evenly distributed over the rehabilitated area. All rehabilitated areas will be scarified on the contour to a depth of 8 inches.

5. The rehabilitated area will be seeded from October 15 to November 15 or any other time that the Grand Resource Area Office approves. BLM personnel will supply the appropriate seed mixture in their concurrence letter. The seed mixture will be broadcast only. Following broadcast seeding, the area will be harrowed or dragged to assure seed cover. The stockpiled vegetation will then be scattered evenly over the reclaimed area and walked down with a dozer. Any reclaimed access roads will be blocked to prevent use.

6. If the proposed well is completed as a producer, any unused areas will be reclaimed as previously described.

7. After the rig is moved.

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

9. Rehabilitation of the well site area will be completed within 60 days after abandonment with the exception of reseeding following BLM instructions (October 15 to November 15). In the event the well is completed as a dry hole, rehabilitation will take place within 60 days after release of the drilling rig. In the event the well is completed as a commercial producer of oil and/or gas, unused portions of the well pad will be rehabilitated within 60 days after completion. All restoration will be as per BLM instructions.

11. Other Information

1. The location is part of the Green River desert area. Vegetation consists of sagebrush, rabbitbrush, and various grasses.

2. The Grand Resource Area office in Moab, Utah (801-259-8193) will be contacted 48 hours prior to commencing any work on public lands.

3. The operator's dirtwork and drilling contractors will be furnished with an approved surface-use plan and BLM stipulations prior to any work.

4. An archaeological survey was conducted by Curtis Martin of the Grand River Institute on June 3, 1983. A written report will be sent directly to the BLM Grand Resource Area office by the Grand River Institute.

5. If any subsurface cultural material is exposed during construction, work will stop immediately, and the Grand Resource Area Office will be notified. All persons in the area will be informed of possible prosecution if they disturb archaeological sites or remove artifacts.

12. Operator

Amtra Oil and Gas Company
American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101

Telephone: (801) 532-6640

Attention: Wesley 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

Harley Dome 17-1
Page 6
Multipoint Requirements

the work associated with the operations proposed herein will be performed by Ambra Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

June 13, 1983
Date

Linda Conde
LINDA CONDE
Production Manager

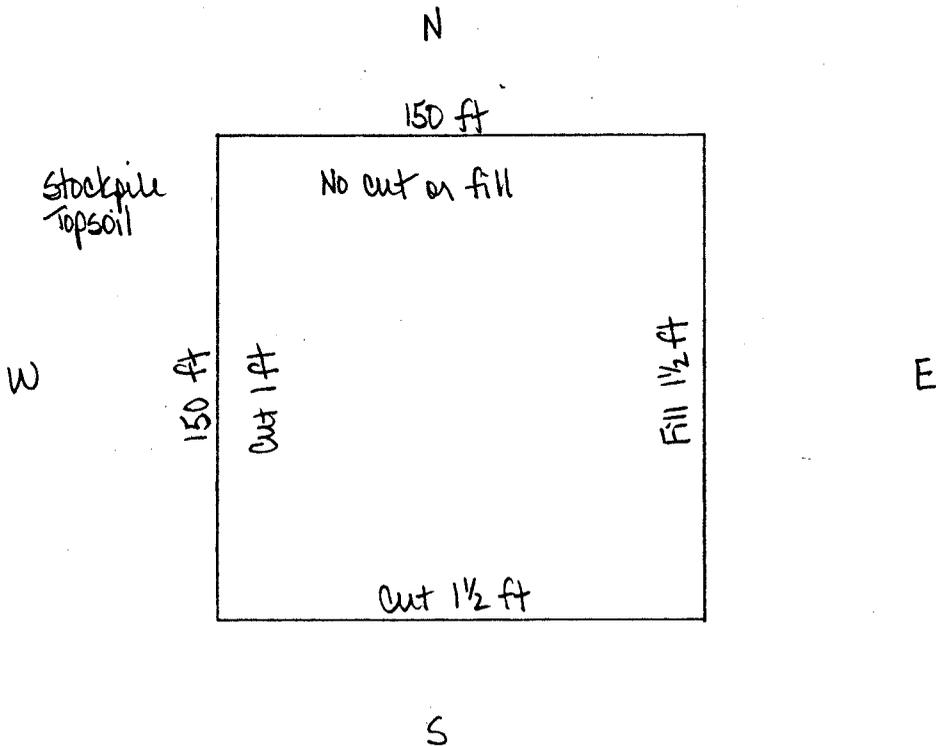
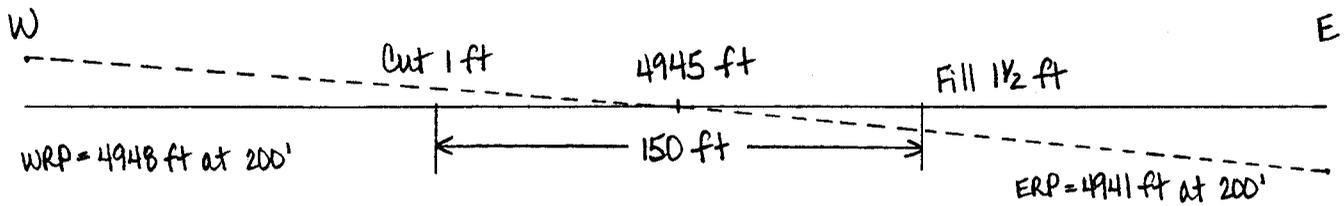
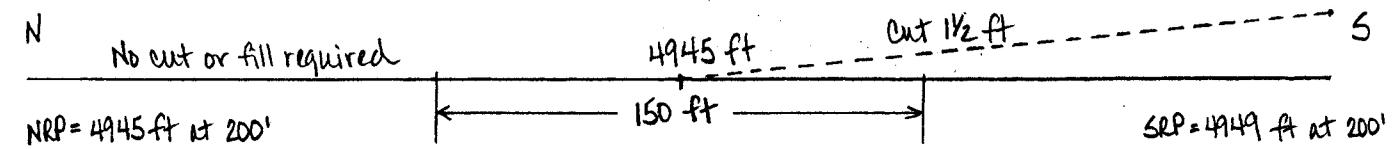
Cut & Fill Diagram

Harley Dome 17-1

Section 17, T18S R25E

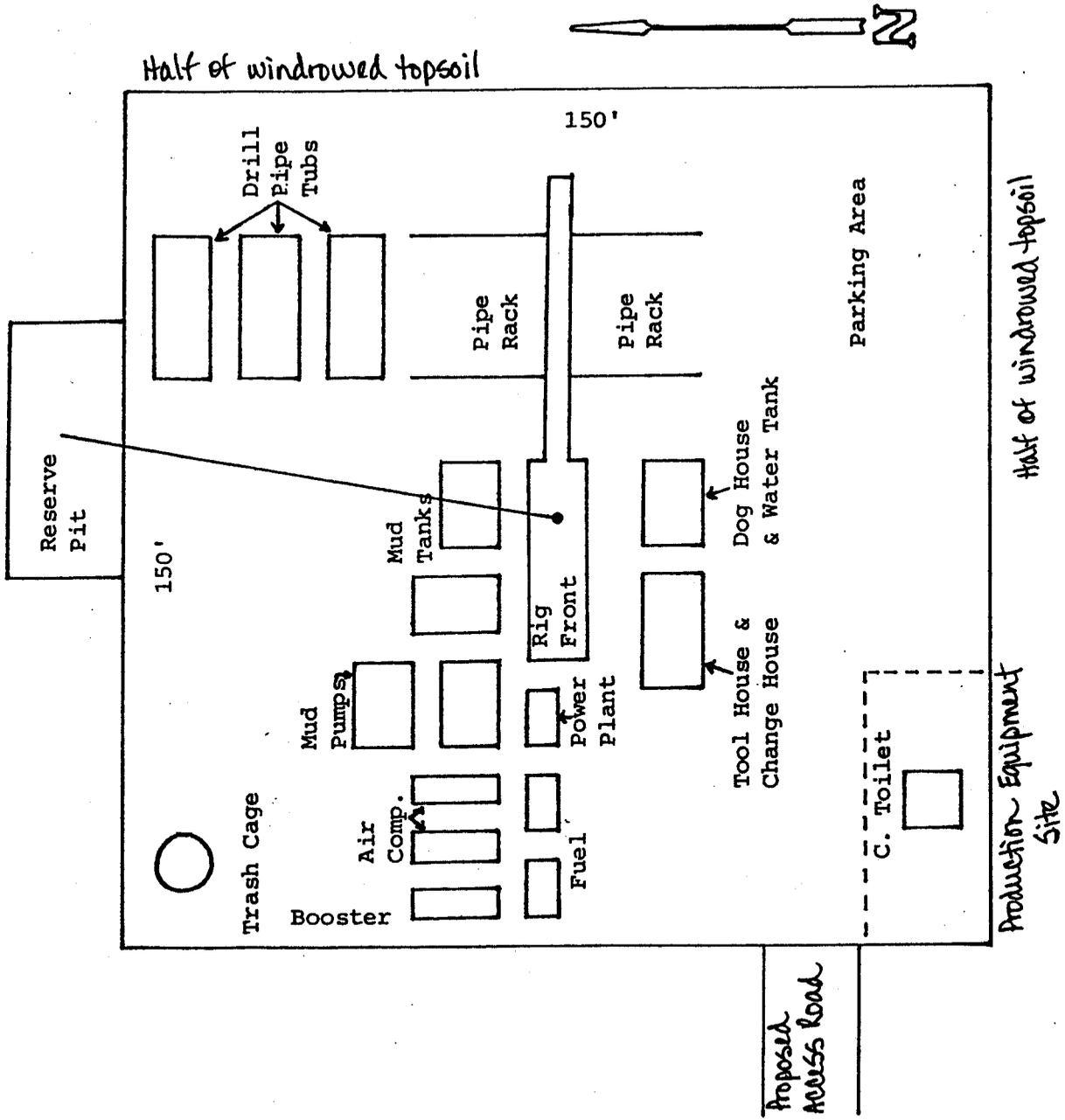
well Pad Dimensions - 150' x 150'

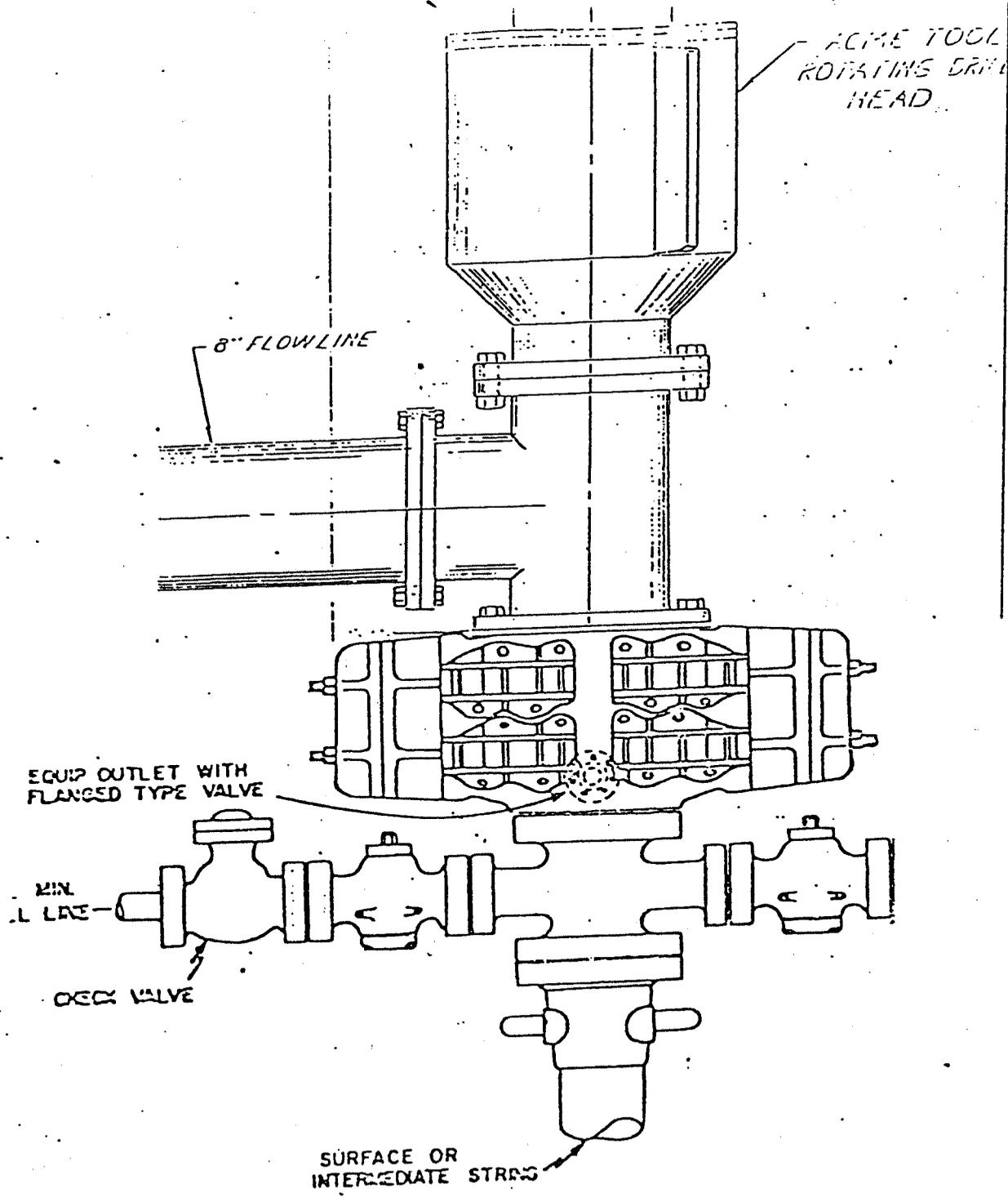
Horizontal Scale: 1" = 60'
Vertical Scale: 1" = 12'



WELL PAD SCHEMATIC

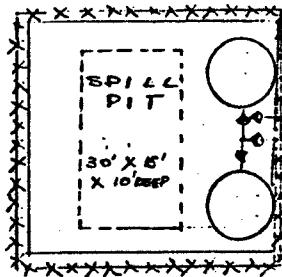
Harley Dome 17-1
Section 17, T18S R25E



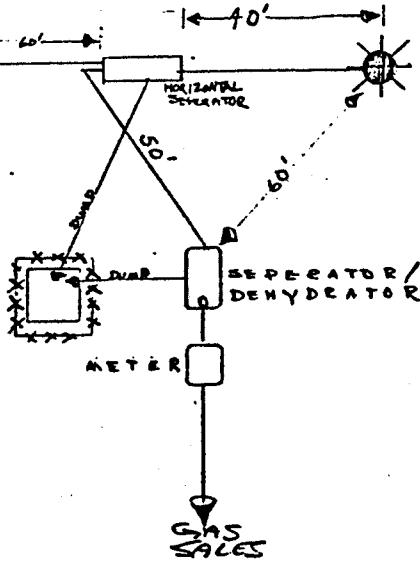


TANK BATTERY
OIL SALES

FENCED
AND
FIRE
BERMED



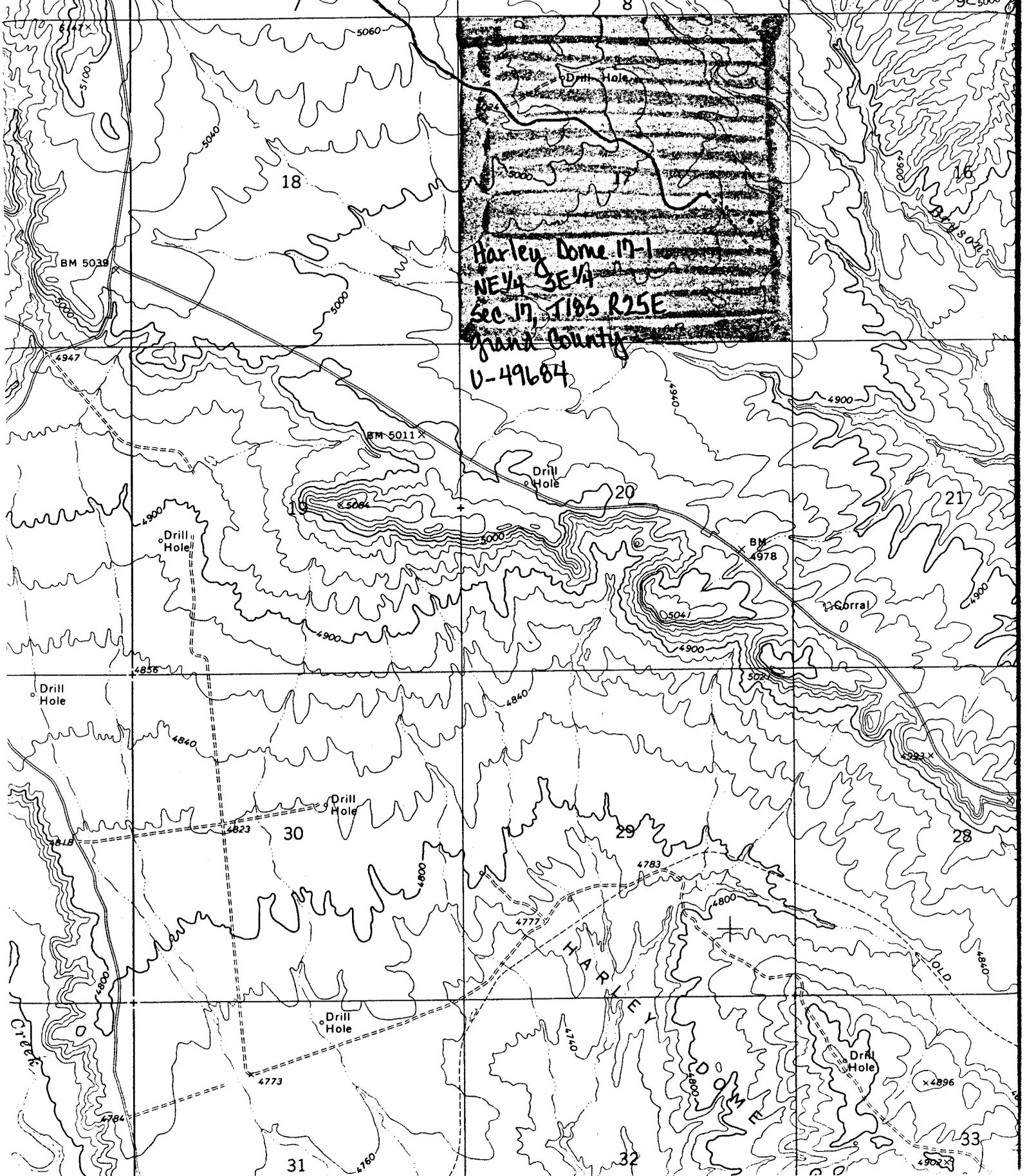
PIT IN
20' X 8' X
4' DEEP



OIL AND/OR GAS

SCALE 1" = 40'

R. 24 E. R. 25 E. 656 4162 1 SW (BRYSON CANYON) 657 658 10' 659



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

M-046557 (Drilling Bond #)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
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RECEIVED
 JUN 16 1983
 SALT LAKE CITY, UTAH

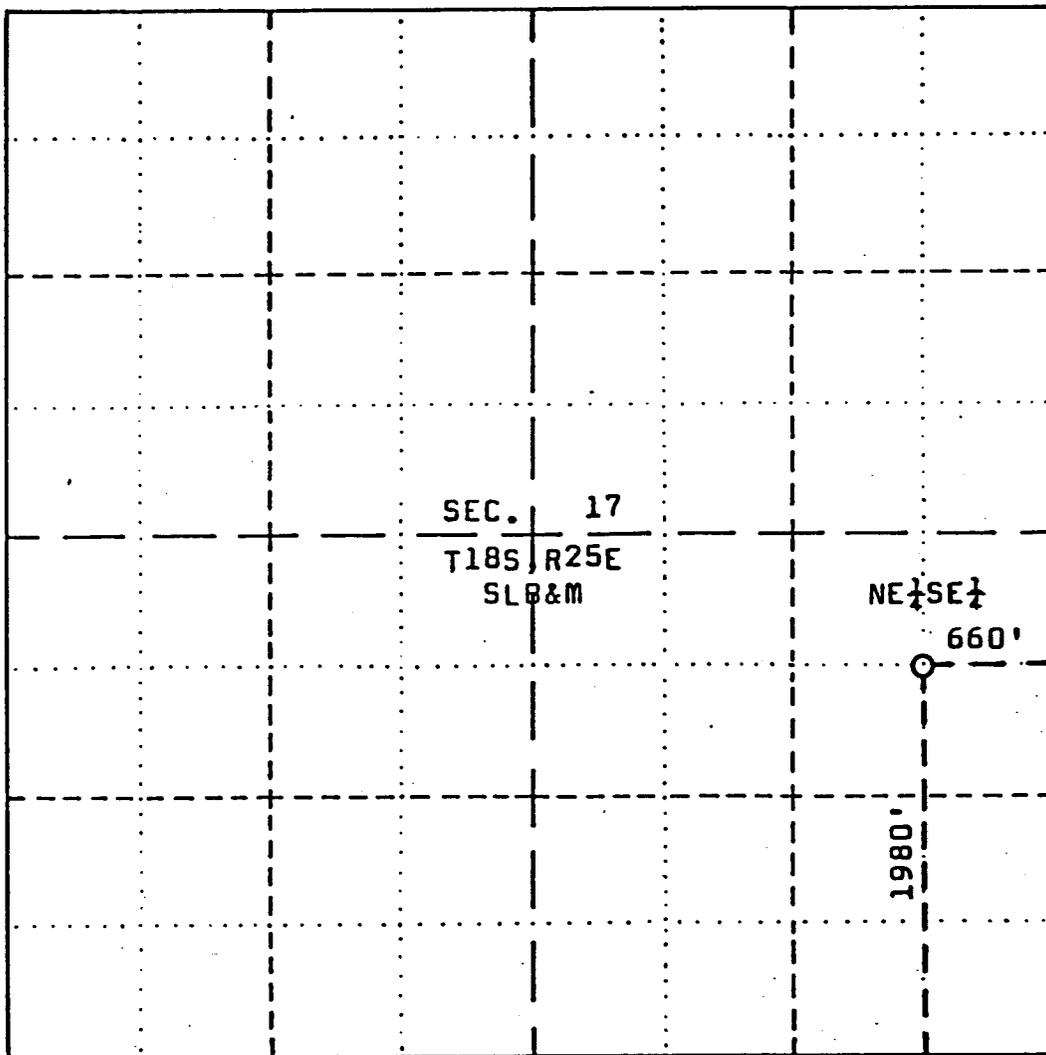
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24. SIGNED Sinda Conde TITLE Production Manager DATE June 13, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE for E.W. Guynn DATE _____
 CONDITIONS OF APPROVAL, IF ANY: Chief, Branch of Fluid Minerals



SEC. 17
T18S, R25E
SLB&M

NE 1/4 SE 1/4
660'

1980'

SCALE: 1" = 1000'

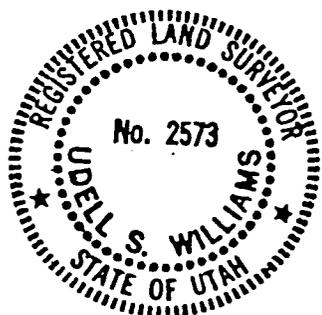
H.D. #17-1

Located North 1980 feet from the South boundary and West 660 feet from the East boundary of Section 17, T18S, R25E, SLB&M.

N RP 200' = 4945
S RP 200' = 4949
E RP 200' = 4941
W RP 200' = 4948

Elev. 4945

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

H.D. #17-1
NE 1/4 SE 1/4 SECTION 17
T18S, R25E, SLB&M

SURVEYED BY: USW DATE: 5/27/83
DRAWN BY: USW DATE: 5/27/83

SEED MIXTURE

Species

Grasses

lbs/ac

Hilaria jamesii
Oryzopsis hymenoides

Galleta (Curlygrass)
Indian ricegrass

1
2

Forbs

Sphaeralcea coccinea

Scarlet globemallow

.5

Shrubs

Eurotia lanata

Winterfat (Whitesage)

1

Atriplex canescens

Fourwing saltbush
(White greasewood)

2

6.5 lbs/ac

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.), however, if the company desires, once the reserve pit is dry, rehabilitation AND reseeding can commence. This may allow or fascilitate completion of the location while the earthmovinquipment is still on location.



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.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

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

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

OPERATOR AMBARA OIL & GAS CO

DATE 6-17-23

WELL NAME HARLEY DODIE 17-1

SEC NESE 17 T 18S R 25E COUNTY SARASOTA

43-019-31071
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

No wells within 4960'

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

water

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

June 17, 1983

Ambra Oil & Gas Company
47 West 2nd South, Suite 510
Salt Lake City, Utah

RE: Well No. Harley Dome 17-1
1980 FSL, 660 FEL
NESE 17, T.18S, R.25E
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. A copy of the Utah Division of Water Rights (8010533-6071) approval for temporary diversion of Westwater Creek must be submitted prior to spudding, otherwise this approval is void.

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

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

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

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

The API number assigned to this well is 43-019-31071

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Encl.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: AMBRA OIL & GAS COMPANY

WELL NAME: HARLEY DOME 17-1

SECTION NESE 17 TOWNSHIP 18S RANGE 25E COUNTY GRAND

DRILLING CONTRACTOR Starner

RIG # 3

SPODDED: DATE 12-14-83

TIME 3:00 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Linda Conde

TELEPHONE # 532-6640

DATE 12-15-83 SIGNED AS

NOTICE OF SPUD

Company: Imperial

Caller: Linda

Phone: _____

Well Number: 17-1

Location: NE SE 17-185-25E

County: Grand State: Utah

Lease Number: 71-49684

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 12-14-83 3 PM

Dry Hole Spudded Rotary _____

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

Rotary Rig Name & Number: Starnow #3

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: Al Lois

Date: 12-15-83

**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.)

5. LEASE U-49684	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
7. UNIT AGREEMENT NAME NA	
8. FARM OR LEASE NAME Harley Dome	
9. WELL NO. 17-1	
10. FIELD OR WILDCAT NAME Harley Dome	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T18S R25E	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO. 43-019-31071	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4945' GR	

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' FEL 1980' FSL, NE $\frac{1}{4}$ SE $\frac{1}{4}$
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

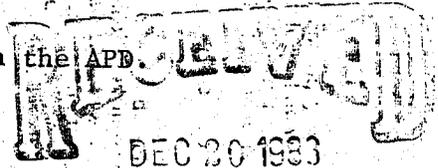
REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
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 type="checkbox"/>	<input type="checkbox"/>
Spud Report, Change in Surface Casing (other)	

(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 rotary spudded on December 14, 1983 at 3:00 p.m. with an 11" hole by Starner Drilling, Rig #3.

Surface casing is 8-5/8", 24#, as originally reported on the APD.



**DIVISION OF
OIL, GAS & MINING**
Set @ _____ 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 December 16, 1983

(This space for Federal or State office use)

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

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.

5. LEASE DESIGNATION AND SERIAL NO.
U-49684

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Harley Dome

9. WELL NO.
17-1

10. FIELD AND POOL, OR WILDCAT
Harley Dome

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 17, T18S R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

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
47 W. 200 S., Suite 510 Salt Lake City, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FEL 1980' FSL NE $\frac{1}{4}$ SE $\frac{1}{4}$
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-019-31071 DATE ISSUED 7/28/83

15. DATE SPUNDED 12/14/83 16. DATE T.D. REACHED 12/17/83 17. DATE COMPL. (Ready to prod.) -- 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4945' GR 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 2500' 21. PLUG. BACK T.D., MD & TVD -- 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY 0-2500' ROTARY TOOLS CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Formation Density 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
8-5/8"	24#	172' KB	11"	--

29. LINER RECORD

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

30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number) NA

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION 12/18/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged and Abandoned 12/18/83 WELL STATUS (Producing or shut-in) shut-in

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

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

35. LIST OF ATTACHMENTS
Electric Logs

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

SIGNED Jinda Conde TITLE Production Manager DATE December 30, 1983

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE U-49684 ✓	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
7. UNIT AGREEMENT NAME NA	
8. FARM OR LEASE NAME Harley Dome	
9. WELL NO. 17-1	
10. FIELD OR WILDCAT NAME Harley Dome	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T18S R25E	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO. 43-019-31071	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4945' GR	

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 gas 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.)
660' FEL 1980' FSL, NE¼ SE¼

AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*
- (other)

SUBSEQUENT REPORT OF:

-
-
-
-
-
-
-
-
-
-

RECEIVED
JAN 31 1984

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

**DIVISION OF
OIL, GAS & MINING**

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 determined to be non-commercial on December 18, 1983. Verbal orders to plug by the BLM, Branch of Fluid Minerals, Salt Lake City, are as follows:

- Plug #1 2300'-2000' with 60 sx cement
- Plug #2 223'-123' with 30 sx cement

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

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/30/83
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Juda Conde TITLE Production Mgr. DATE December 30, 1983

(This space for Federal or State office use)

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

PVA
12.17.83

UTAH STATE
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

INSPECTION RECORD - ABANDONMENT

Date 3-22-84
Location (T-R-S) 18S25E17
Field Area _____
County Grand
State UT
Inspector Moore

WELL NAME Harley Dome 17-1
Operator Ambra Oil & Gas
Contractor & Rig _____
Lease Number U-49684
Type of Well* _____
INC Issued _____

	YES	NO
1. Plugs spotted across perforations if casing set?		
2. Plugs spotted at casing stubs?		
3. Open hole plugs spotted as specified?		
4. Retainers, bridge plugs, or packers set as specified?		
5. Cement quantities as specified?		
6. Method of verifying and testing plugs as specified?		
7. Pipe withdrawal rate satisfactory after spotting plug?		
8. All annular spaces plugged to surface?		

Plug tested: No Pressured Tagged
If tested, which plug(s) _____

Cement and mechanical plug placement data (attach service company report if available): _____

Cement plug spotting method: _____

Operation(s) witnessed: _____

Additional Remarks: Recent restoration and scarification.
marker set.
Have not received P/A Notice

* Dry hole, depleted producer, service, water well, etc.

**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 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' FEL 1980' FSL, NE $\frac{1}{4}$ SE $\frac{1}{4}$
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 type="checkbox"/>		<input checked="" type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
U-49684

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Harley Dome

9. WELL NO.
17-1

10. FIELD OR WILDCAT NAME
Harley Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T18S R25E

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

14. API NO.
43-019-31071

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4945' 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 on December 19, 1983 with the following plugs:

- Plug #1 2300'-2000' with 60 sx cement
- Plug #2 223'-123' with 30 sx cement

A regulation plug and abandon marker was set with a 10-sack surface plug on January 31, 1984. The location was also reclaimed at that time.

When the well 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 April 23, 1984

(This space for Federal or State office use)

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