

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drilling Bond M-046557

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' FSL 1980' FEL, SW $\frac{1}{4}$  SE $\frac{1}{4}$   
 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.  
 21-2

10. FIELD AND POOL, OR WILDCAT  
 UNDESIGNATED  
 Harley Dome

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA  
 Sec. 21, 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 drig. 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.  
 2550'

19. PROPOSED DEPTH  
 1760'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4895' GR

22. APPROX. DATE WORK WILL START\*  
 November 15, 1983

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#	1760'	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  
OCT 7 1983

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.

SIGNED Linda Conde TITLE Production Manager DATE October 6, 1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

TEST WELL WITH STIPULATIONS

C-3-2  
M  
10-18-83

BUREAU OF LAND MANAGEMENT  
Branch of Fluid Minerals  
University Club Building  
136 East South Temple  
Salt Lake City, Utah 84111

RE: Harley Dome 21-2  
NTL-6 Supplementary Information for  
APD, 9-331-C

Application for Ambra Oil & Gas Company, a Utah corporation, to drill in the SW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 21, 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	1000'

Jurassic	Morrison Brushy Basin	1250'
	Total Depth	1760'

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.

BLM

Page 2

October 5, 1983

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), caliper 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.

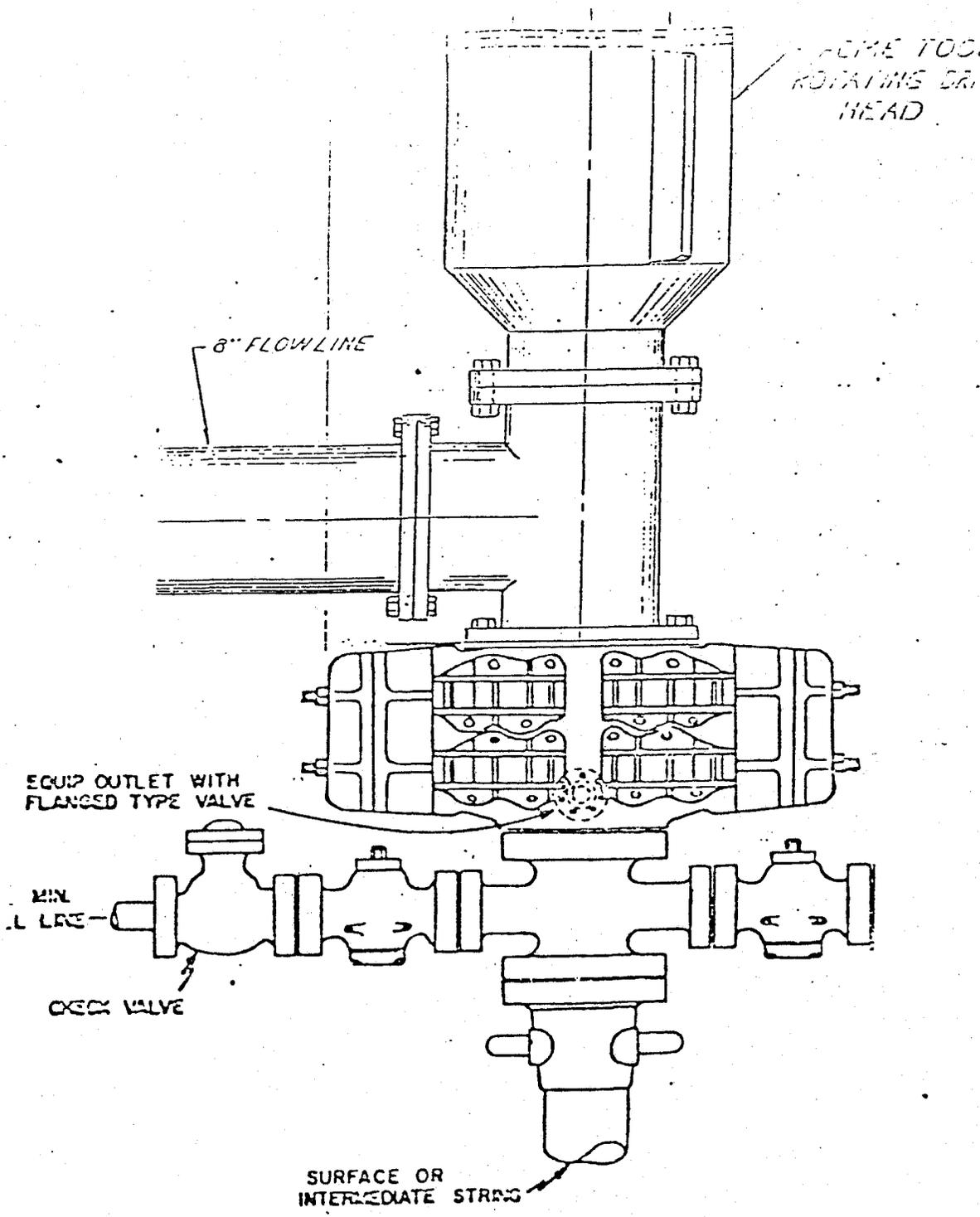
9. The maximum bottom hole pressure expected is 1500 psi. Flexibility provisions are the BOP and high-pressure fittings and couplings. No hydrogen sulfide problems are expected.

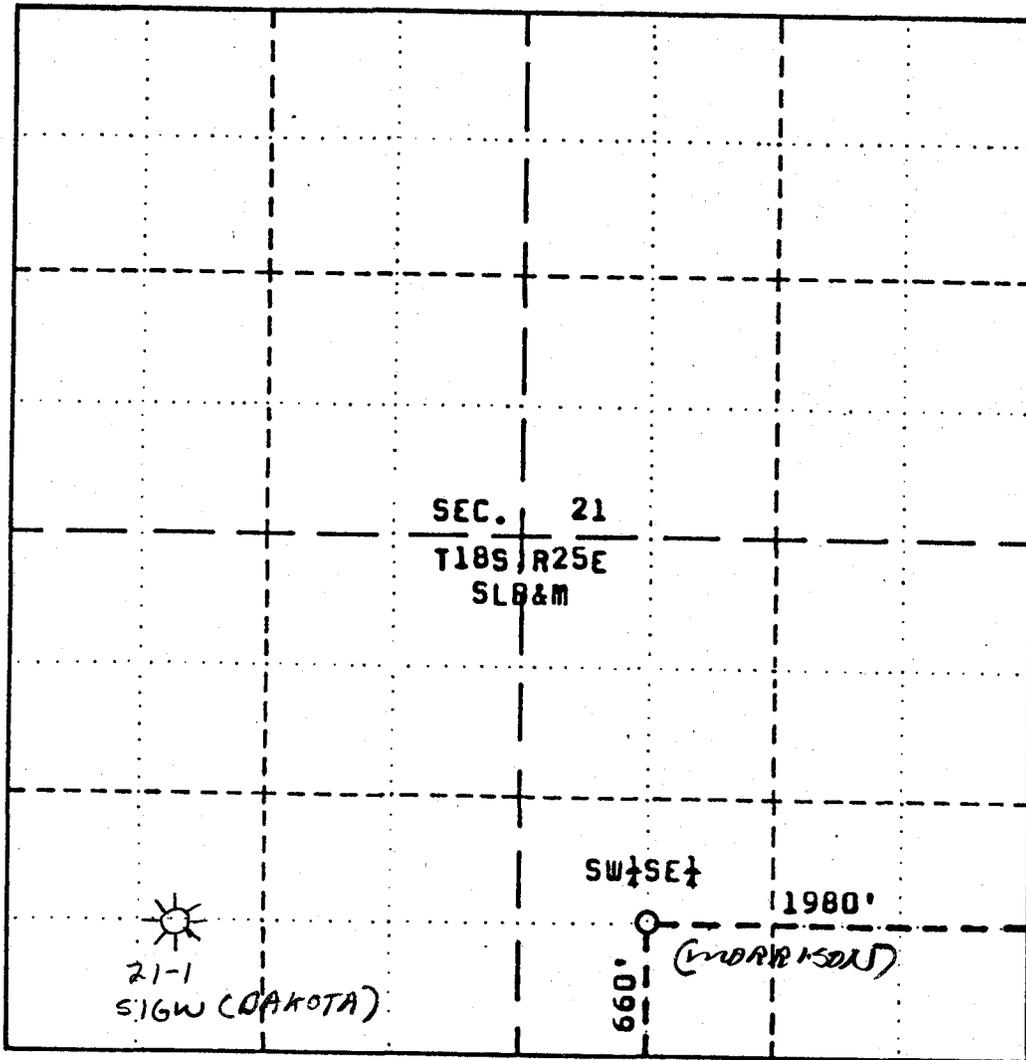
10. The approximate starting date is ✓ November 15, 1983, and drilling should take from five to ten days.

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.

October 6, 1983  
Date

Linda Conde  
LINDA CONDE  
Production Manager





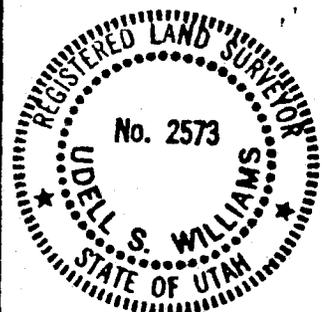
SCALE: 1" = 1000'

H.D. #21-2

Located North 660 feet from the South boundary and West 1980 feet from the East boundary of Section 21, T18S, R25E, SLB&M.

Elev. 4895

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. #21-2  
SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  SECTION 21  
T18S, R25E, SLB&M

SURVEYED BY: USW DATE: 9/17/83  
DRAWN BY: USW DATE: 9/17/83

October 5, 1983

BUREAU OF LAND MANAGEMENT  
Branch of Fluid Minerals  
University Club Building  
136 East South Temple  
Salt Lake City, Utah 84111

RE: Harley Dome 21-2  
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, go approximately .4 mile to a major junction, and then turn right again. Travel down the Harley Dome County Road (southeast) approximately 2.7 miles past a corral on the left and the access road to the Harley Dome 21-1 well. The access road to the location is approximately 1000 feet southeast of the Harley Dome 21-1 access road to the left. The length of the new access road is approximately 2000 feet to the west side of the well pad. This new access road will be constructed according to 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 radius includes the Harley Dome County Road.
- f. Plans for improvement and/or maintenance of existing roads. The operator will maintain existing roads according to Class III standards. No improvements to existing roads are required.

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-outs: 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 2000 feet in length from an existing road to the west side 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 2 inches of topsoil will be windrowed on the uphill side of the access road. All trees will be left in place where possible. Surface disturbance will be kept to a minimum. The access road will require no major cuts or fills.

3. Location of Existing Wells

a. See USGS topographic map.

b. Producing wells in a one-mile radius:

1. ✓ Sec. 21 Harley Dome 21-1; shut-in gas DAKOTA
2. Sec. 29 Texota 1-B; gas

c. Producing wells in a two-mile radius:

1. Sec. 27 Lansdale 8; gas

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 on the west side 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 on the west side 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 on the west side of the proposed location. See the attached 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 work will be within a 90-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 3.25 miles west of location. The temporary state water permit is attached.

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 anchored blowey line will be 125 feet long, centered, and angled down into the reserve pit. The blowey 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' (north-south) x 200' (east-west) drill pad with cuts and fills. The top 6" of soil material will be windrowed along the west side of the location. The access road will cut through the windrowed topsoil. Trees will be left standing where possible.

2. Mud tank, reserve pit, and trash cage. See well pad schematic. The 16' x 35' reserve/blouey pit will be located in the northwest corner 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) 48 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/blouey 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 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. 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.

Multipoint Requirements

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 90 days after abandonment with the exception of reseeded following BLM instructions (October 15 to November 15). In the event the well is completed as a dry hole, rehabilitation will take place within 90 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 90 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 juniper, sagebrush, rabbitbrush, and various grasses. Cattle and sheep graze the area in the fall and spring seasons.

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. The anticipated spud date and time will be reported to the Grand Resource Area office 24 hours prior to the actual spud.

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 is not required as the area has been previously cleared.

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.

6. A sign listing the company name, well name, legal description, and federal lease number will be placed on location during drilling activity.

12. Operator

Ambra 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 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.

October 6, 1983  
Date

Linda Conde  
LINDA CONDE  
Production Manager



UDELL S. WILLIAMS  
751 ROOD AVENUE  
GRAND JUNCTION, COLORADO 81501  
PHONE 303 - 243-4594

17 September 1983

COLORADO  
UTAH

Re: H.D. #21-2  
Sec. 21, T18S, R25E, SLB&M

Reference point Elevations

50' N = 4893.7  
100' N = 4892.5  
150' N = 4891.5

50' S = 4890.8  
100' S = 4888.9  
150' S = 4886.8

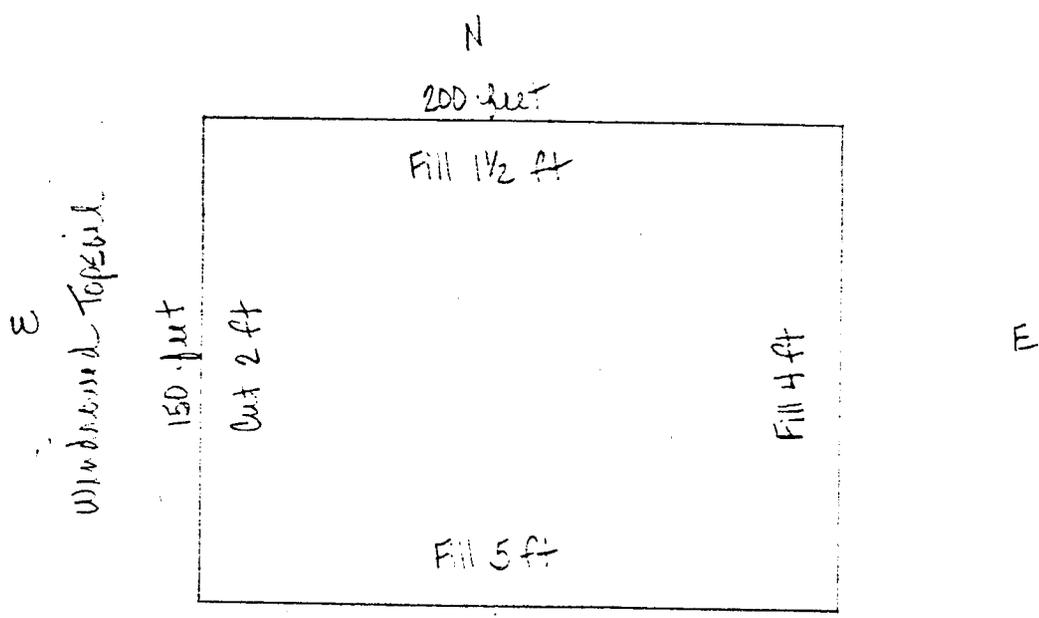
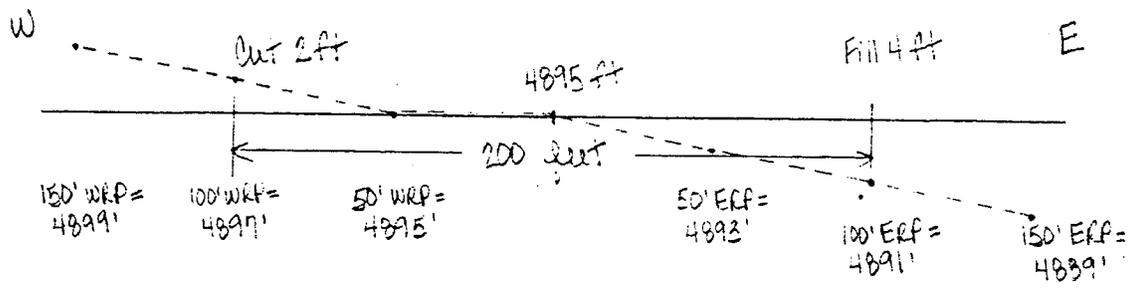
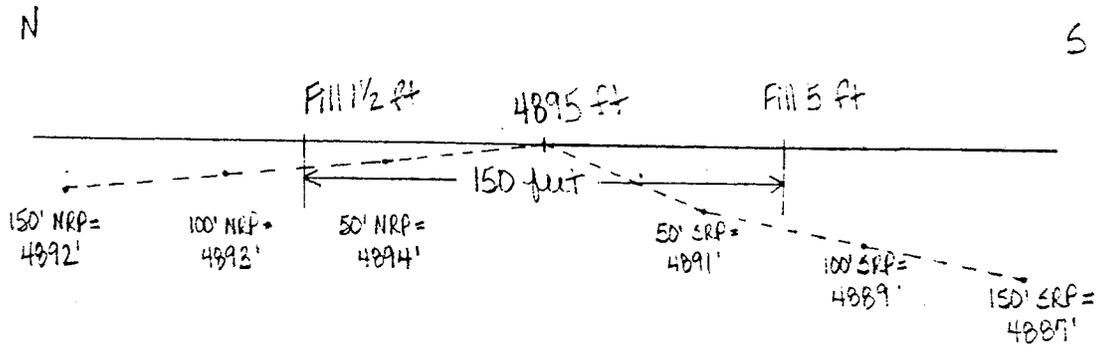
50' E = 4893.0  
100' E = 4890.9  
150' E = 4888.8

50' W = 4894.6  
100' W = 4897.4  
150' W = 4899.4

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

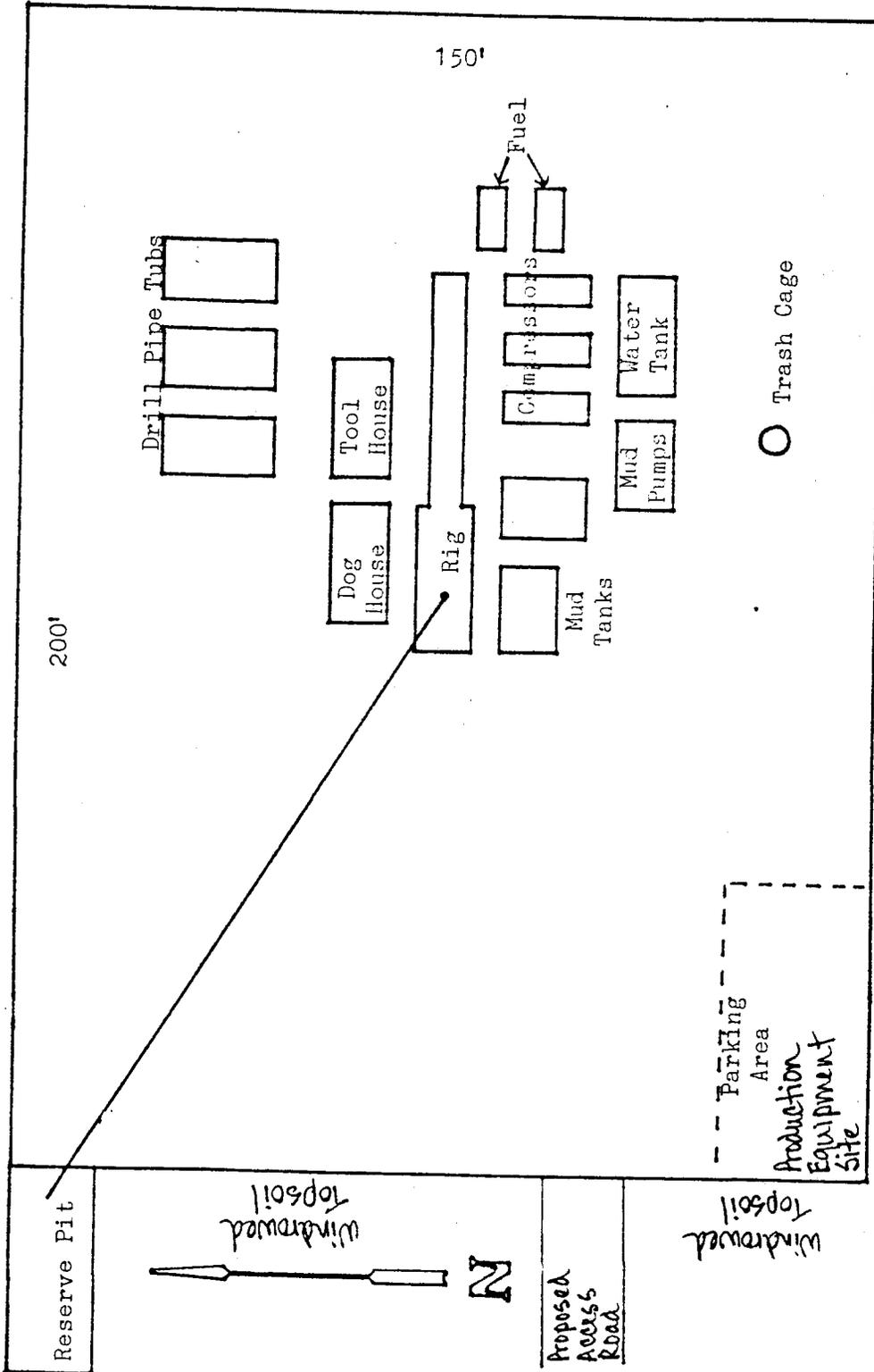
# Cut & Fill Diagram

Harley Dome 21-2



WELL PAD SCHEMATIC

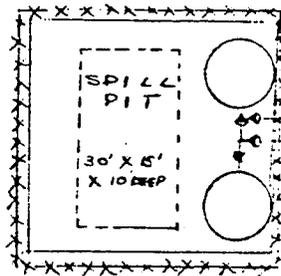
Harley Dome 21-2



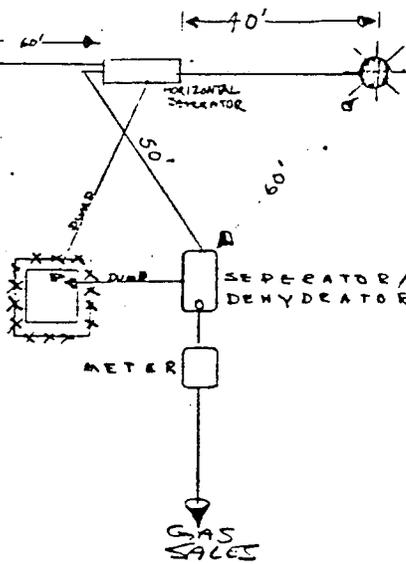
Scale: 1" = 30'

TANK BATTERY  
OIL SALES

FENCED  
AND  
FIRE  
BERMED



PIT 15'  
4' X 8' X  
4' DEEP



OIL AND/OR GAS  
SCALE 1" = 40'

HARLEY DOME QUADRANGLE  
UTAH—GRAND CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

4162 / SE  
(BAR X WASH)

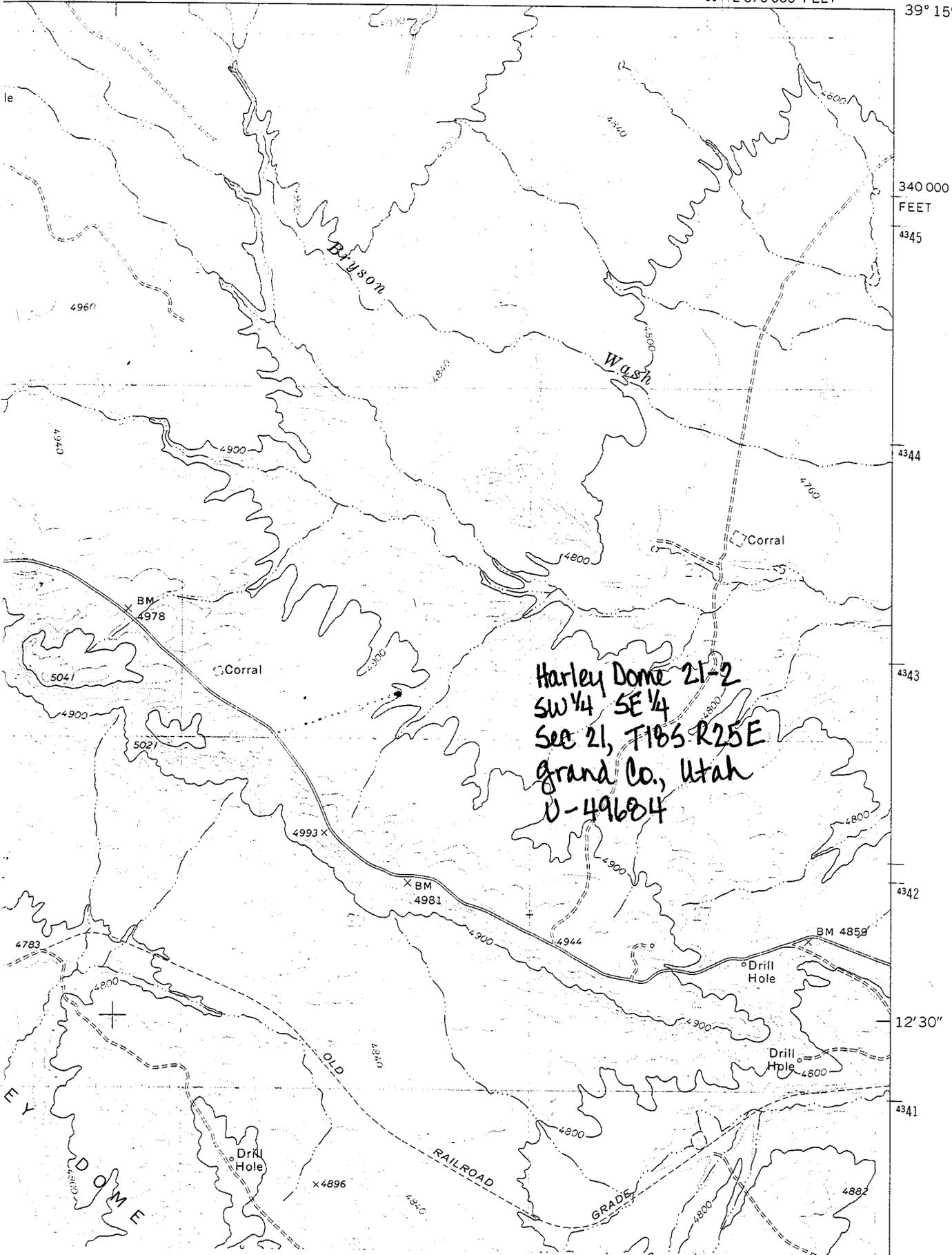
658 10'

659

660

661 2 670 000 FEET 109° 07' 30"

39° 15'



Harley Dome 21-2  
SW 1/4 SE 1/4  
Sec 21, T18S R25E  
Grand Co., Utah  
U-49684

HARLEY DOME

340 000  
FEET

4345

4344

4343

4342

12' 30"

4341

OPERATOR AMBARA OIL & GAS CO DATE 10-13-83

WELL NAME HARLEY DOME 21-2

SEC SW SE 21 T 18S R 25E COUNTY GRAND

43-019-31106  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

WATER OK - # 58984 (01-181)

✓ TOO CLOSE TO # 21-1 WHICH IS SIGN IN SAME SECTION (DAKOTA)

SEE ATTACHED YELLOW SHEET FOR STIPULATION

CHIEF PETROLEUM ENGINEER REVIEW:

10/19/83 Contiguous to 102-16B Spaced  
Same Reservoir at well  
Dakota Perm Compl. not authorized

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

DATE: 10-18-83

BY: [Signature]

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT \_\_\_\_\_  c-3-a \_\_\_\_\_ CAUSE NO. & DATE \_\_\_\_\_

c-3-b \_\_\_\_\_  c-3-c \_\_\_\_\_  c-3-e

SPECIAL LANGUAGE:

(see attached yellow sheet)

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FILED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER *NO*

UNEF *NO*

c-3-b

c-3-c

BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
OIL, GAS AND MINING  
OF UTAH DIVISION OF  
APPROVED BY THE STATE

CHECK DISTANCE TO NEAREST WELL. *TOO CLOSE TO 21-1*

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.

*MARNIE*

Approval to drill the Harley Dome 21-2 test well is void unless there is full compliance with the following stipulations:

- 1- The Dakota formation is not authorized for completion or production.
- 2- ~~Completion of the test well shall~~ a hearing will be required before the BOARD within 60 days to either extend the spacing requirements <sup>in the Order of Case</sup> # 102-1615 to include sec 21-185, 25E Grand County, or to separate <sup>the</sup> geological formations for State wide spacing considerations.
- 3- Simultaneous production from both wells in the section is not authorized unless otherwise authorized by the BOARD after hearing.

This permit expires without further notice one (1) year from its effective date, if drilling has not commenced.

In the event the well is completed for production in the Morrison formation;

Left msg with Marnie  
for Linda or Wes to  
return my call re  
the 21-1 516W which is  
already in Sec 21.

Yours  
10-18-83

October 18, 1983

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

RE: Well No. Harley Dome 21-2  
SWSE Sec. 21, T. 18S, R. 25E  
660' FSL, 1980' FEL  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well on said location is hereby granted in accordance with Rule C-3(e), General Rules and Regulations and Rules of Practice and Procedure. Approval to drill the Harley Dome 21-2 well is void unless there is full compliance with the following stipulations: (1) The Dakota formation is not authorized for completion or production; (2) In the event the well is completed for production in the Morrison formation, a hearing will be required before the Board within 60 days to either extend the spacing requirements in the order of Cause No. 102-16B to include Sec. 21, T. 18S, R.25E, Grand County, or to separate the geological formations for Statewide spacing considerations; (3) simultaneous production from both wells in the section is not authorized unless otherwise authorized by the Board after hearing. This permit expires without further notice one (1) year from the effective date, if drilling has not commenced.

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.

Ambra Oil & Gas Company  
Well No. Harley Dome 21-2  
Page 2  
October 18, 1983

The API number assigned to this well is 43-019-31106.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Minerals  
Encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drilling Bond M-046557

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' FSL 1980' FEL, SW $\frac{1}{4}$  SE $\frac{1}{4}$

At proposed prod. zone

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.

2550'

19. PROPOSED DEPTH

1760'

20. ROTARY OR CABLE TOOLS

Rotary

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

4895' GR

22. APPROX. DATE WORK WILL START\*

November 15, 1983

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#	1760'	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**  
NOV 14 1983

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 Linda Conde TITLE Production Manager DATE October 6, 1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

/s/ Kenneth V. Rhea **ASSISTANT MANAGER** TITLE \_\_\_\_\_ DATE 11-1-83

CONDITIONS OF APPROVAL, IF ANY:

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

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Ambra Oil & Gas Company

Well No. 21-2

Location Sec. 21, T. 18 S., R. 25 E.

Lease No. U-49684

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Lynn Jackson

Office Phone: 801-259-6111 Home Phone: \_\_\_\_\_

City: Moab, State: Utah

Resource Area Manager's Address and contacts are:

Address: Old Sand Flat Road, P.O. Box M Moab, Utah

Your contact is: Elmer Duncan

Office Phone: 259-8193 Home Phone: \_\_\_\_\_

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/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.

3. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
  - d. Date was placed in a producing status.
  - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13.

---

---

---

---

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

SEED MIXTURE

<u>Grasses</u>		<u>lbs/acre</u>
Oryzopsis hymenoides	Indian ricegrass	1
Hilaria jamesii	Curlygrass	1
 <u>Forbs</u>		
Sphaeralcea coccini	Globemallow	1
 <u>Shrubs</u>		
Atriplex confertifolia	Shadscale	1
Ceretoides lanata	Winter fat	$\frac{1}{5}$

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (October-December).



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

### SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

#### Recommended Color

<input checked="" type="checkbox"/>	Sand Beige	(5Y 6/3)
<input checked="" type="checkbox"/>	Desert Brown	(10YR 6/3)
<input type="checkbox"/>	Carlsbad Canyon	(2.5Y 6/2)
<input type="checkbox"/>	Slate Gray	(5Y 6/1)
<input type="checkbox"/>	Sudan Brown	(2.5Y 4/2)
<input type="checkbox"/>	Brush Brown	(10YR 5/3)
<input type="checkbox"/>	Juniper Green	
<input type="checkbox"/>	Shale Green	(5Y 4/2)
<input type="checkbox"/>	Yuma Green	(5Y 3/1)
<input type="checkbox"/>	Largo Red	(2.5Y 5/6)
<input type="checkbox"/>		

These colors were selected by the Rocky Mtn. Five State Interagency Oil and Gas committee) to be used as standard environmental colors. The states involved with this committee are Colorado, Montana, New Mexico, Utah and Wyoming.

The paint names referred to above are manufactured by Kansas Paint and Color Company, Wichita, Kansas. Numbers in parenthesis ( ) refer to Munsell Soil Color Charts. Since manufacturer's names vary for paint colors any paint with an equal Munsell color notation can be substituted.

## 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.

BUREAU OF LAND MANAGEMENT  
Branch of Fluid Minerals  
University Club Building  
136 East South Temple  
Salt Lake City, Utah 84111

RE: Harley Dome 21-2  
NTL-6 Supplementary Information for  
APD, 9-331-C

Application for Ambra Oil & Gas Company, a Utah corporation, to drill in the SW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 21, 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	1000'
Jurassic	Morrison Brushy Basin	1250'
	Total Depth	1760'

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.

BLM

Page 2

October 5, 1983

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), caliper 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.

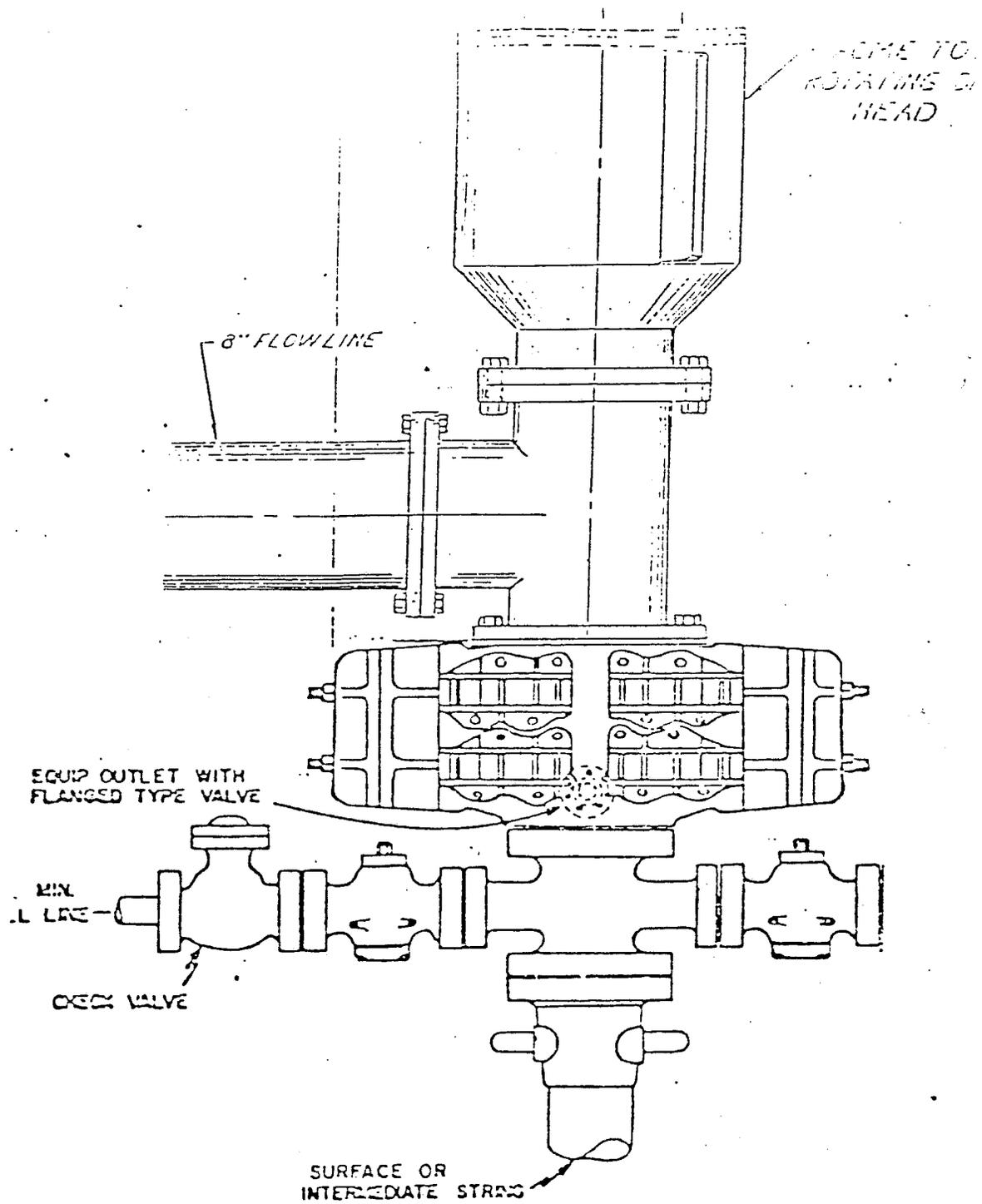
9. The maximum bottom hole pressure expected is 1500 psi. Flexibility provisions are the BOP and high-pressure fittings and couplings. No hydrogen sulfide problems are expected.

10. The approximate starting date is November 15, 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.

October 6, 1983  
Date

Linda Conde  
LINDA CONDE  
Production Manager



October 5, 1983

BUREAU OF LAND MANAGEMENT  
Branch of Fluid Minerals  
University Club Building  
136 East South Temple  
Salt Lake City, Utah 84111

RE: Harley Dome 21-2  
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, go approximately .4 mile to a major junction, and then turn right again. Travel down the Harley Dome County Road (southeast) approximately 2.7 miles past a corral on the left and the access road to the Harley Dome 21-1 well. The access road to the location is approximately 1000 feet southeast of the Harley Dome 21-1 access road to the left. The length of the new access road is approximately 2000 feet to the west side of the well pad. This new access road will be constructed according to 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 radius includes the Harley Dome County Road.

f. Plans for improvement and/or maintenance of existing roads. The operator will maintain existing roads according to Class III standards. No improvements to existing roads are required.

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 2000 feet in length from an existing road to the west side 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 2 inches of topsoil will be windrowed on the uphill side of the access road. All trees will be left in place where possible. Surface disturbance will be kept to a minimum. The access road will require no major cuts or fills.

3. Location of Existing Wells

a. See USGS topographic map.

b. Producing wells in a one-mile radius:

1. Sec. 21 Harley Dome 21-1; shut-in gas DAKOTA
2. Sec. 29 Texota 1-B; gas

c. Producing wells in a two-mile radius:

1. Sec. 27 Lansdale 8; gas

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 on the west side 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 on the west side 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.

Multipoint Requirements

5. Injection lines. None.

6. Disposal lines. None.

b. Any new facilities required in the event of production will be located on the west side of the proposed location. See the attached 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 work will be within a 90-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 3.25 miles west of location. The temporary state water permit is attached.

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 anchored blowey line will be 125 feet long, centered, and angled down into the reserve pit. The blowey 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' (north-south) x 200' (east-west) drill pad with cuts and fills. The top 6" of soil material will be windrowed along the west side of the location. The access road will cut through the windrowed topsoil. Trees will be left standing where possible.

2. Mud tank, reserve pit, and trash cage. See well pad schematic. The 16' x 35' reserve/blouey pit will be located in the northwest corner 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) 48 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/blouey 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 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. 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 90 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 90 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 90 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 juniper, sagebrush, rabbitbrush, and various grasses. Cattle and sheep graze the area in the fall and spring seasons.

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. The anticipated spud date and time will be reported to the Grand Resource Area office 24 hours prior to the actual spud.

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 is not required as the area has been previously cleared.

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.

6. A sign listing the company name, well name, legal description, and federal lease number will be placed on location during drilling activity.

12. Operator

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

Telephone: (801) 532-6640

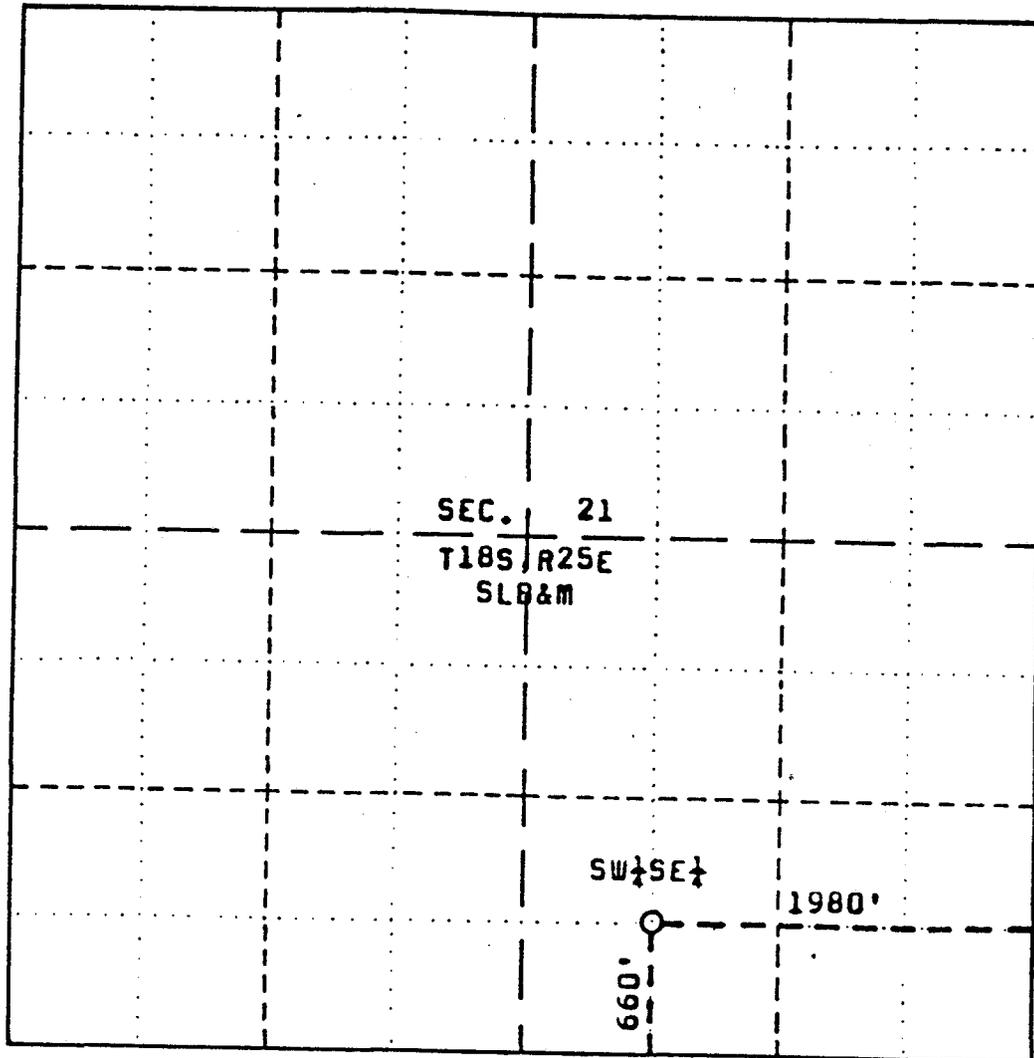
Attention: Wesley Pettingill

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 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.

October 6, 1983  
Date

Linda Conde  
LINDA CONDE  
Production Manager



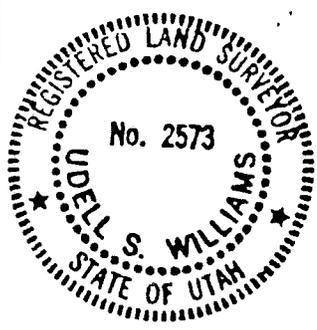
SCALE: 1" = 1000'

H.D. #21-2

Located North 660 feet from the South boundary and West 1980 feet from the East boundary of Section 21, T18S, R25E, SLB&M.

Elev. 4895

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAY 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 Road Avenue  
GRAND JUNCTION, COLORADO 81501

PLAY OF  
PROPOSED LOCATION  
H.D. #21-2  
SW 1/4 SE 1/4 SECTION 21  
T18S, R25E, SLB&M

SURVEYED BY: USW DATE: 9/17/83  
DRAWN BY: USW DATE: 9/17/83



UDELL S. WILLIAMS  
751 ROOD AVENUE  
GRAND JUNCTION, COLORADO 81501  
PHONE 303 - 243-4594

17 September 1983

COLORADO  
UTAH

Re: H.D. #21-2  
Sec. 21, T18S, R25E, SLB&M

Reference point Elevations

50' N = 4893.7  
100' N = 4892.5  
150' N = 4891.5

50' S = 4890.8  
100' S = 4888.9  
150' S = 4886.8

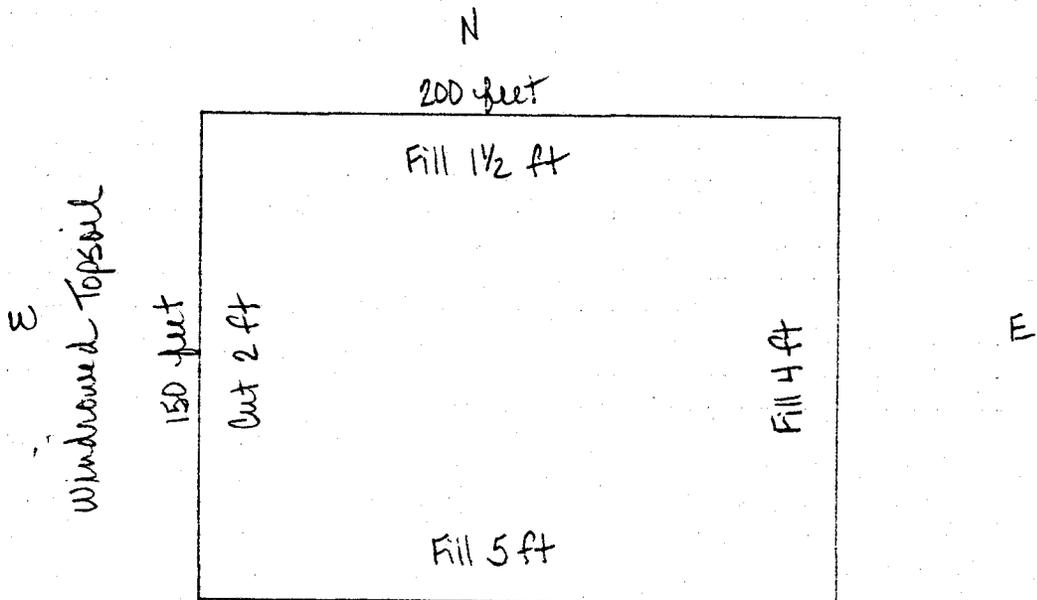
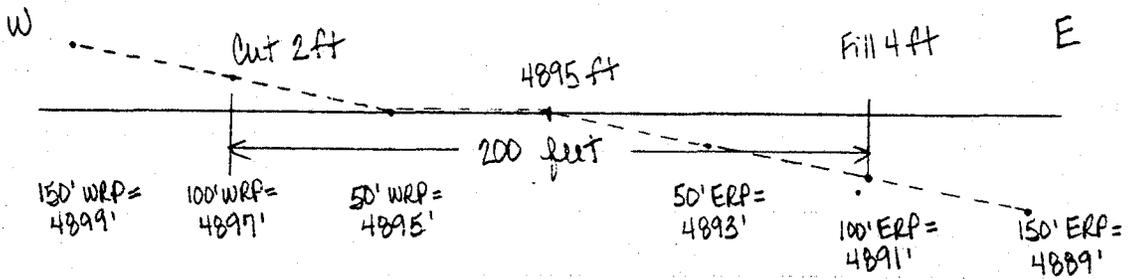
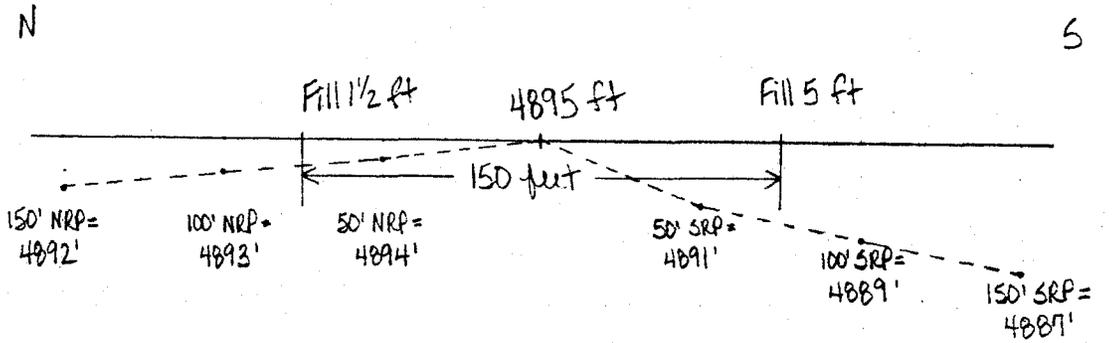
50' E = 4893.0  
100' E = 4890.9  
150' E = 4888.8

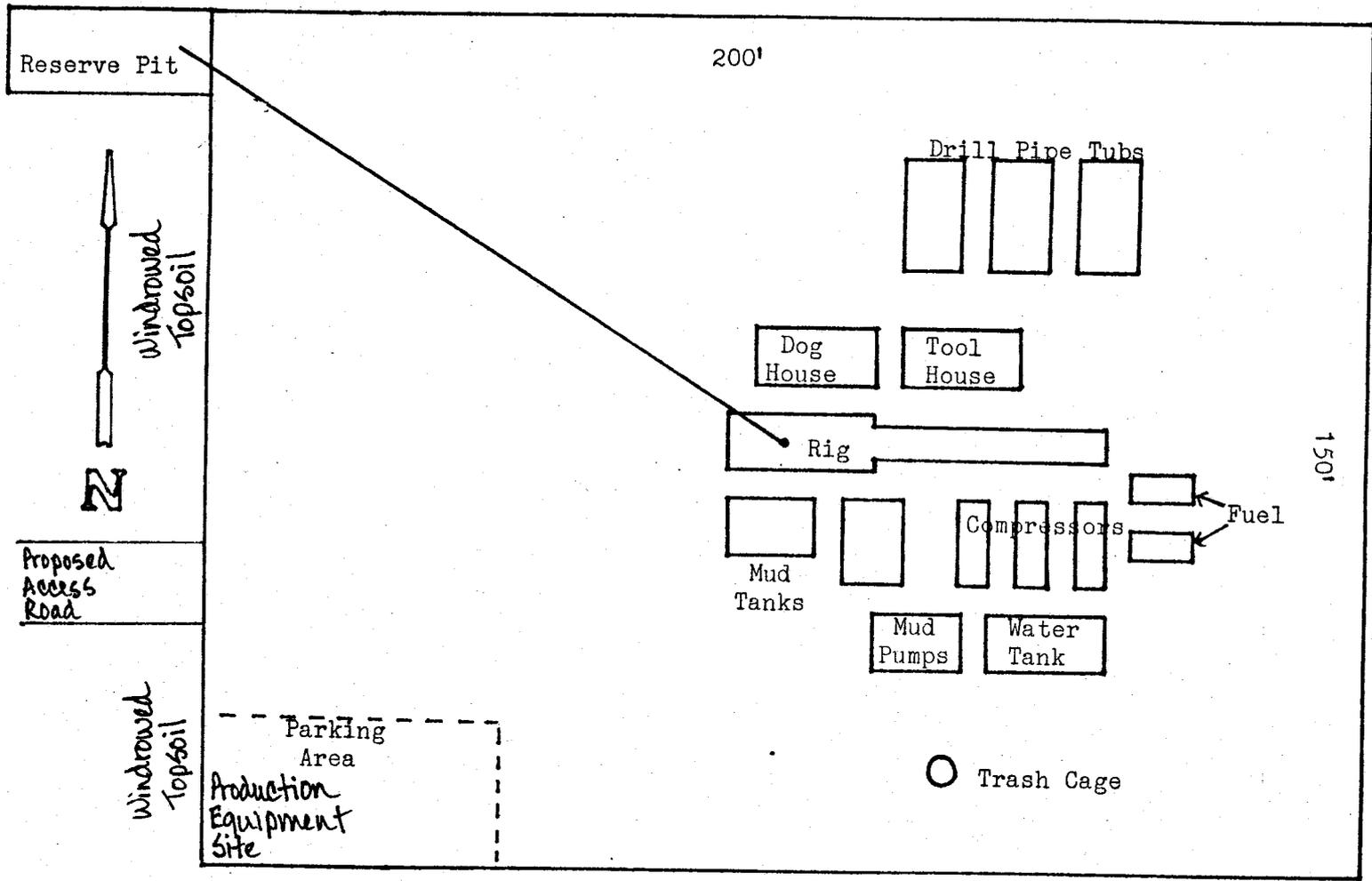
50' W = 4894.6  
100' W = 4897.4  
150' W = 4899.4

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

# Cut & Fill Diagram

Harley Dome 21-2



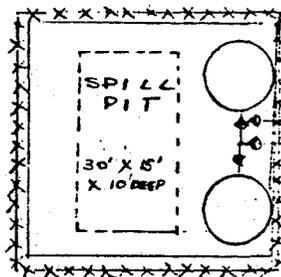


Scale: 1" = 30'

WELL PAD SCHEMATIC  
 Harley Dome 21-2

TANK BATTERY  
OIL SALES

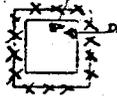
FENCED  
AND  
FIRE  
BERMED



OIL AND/OR GAS

SCALE 1" = 40'

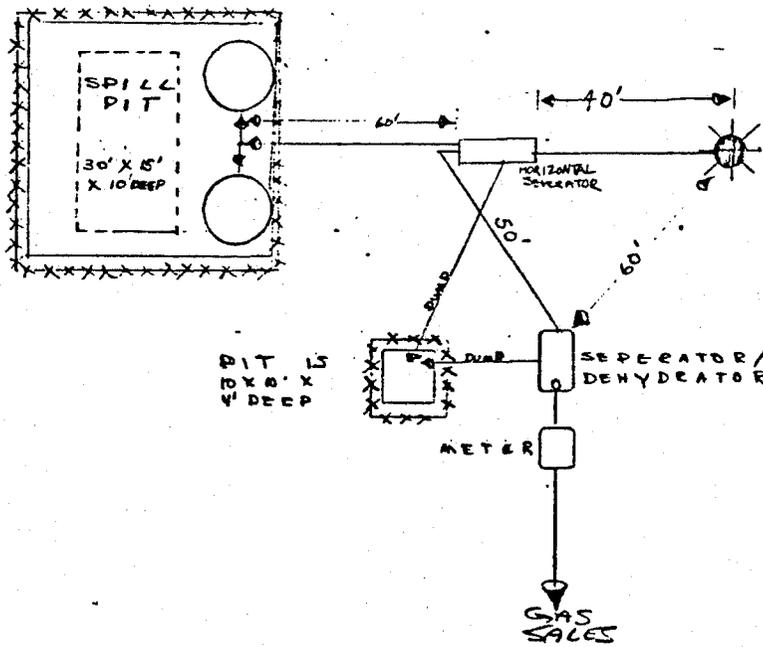
PIT  
43' X 8' X  
4' DEEP



METER

SEPERATOR/  
DEHYDRATOR

GAS  
SALES





STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Water Rights

RECEIVED AUG 1 1983

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

July 29, 1983

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

RE: Temporary Application 58984 (01-181)

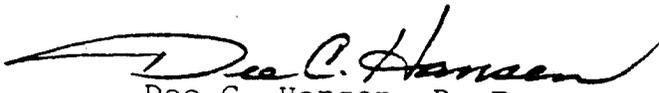
Gentlemen:

Enclosed is a copy of your approved Temporary Application Number 58984 (01-181). This is your authority to construct your works and to divert the water for the uses described.

This application will expire December 31, 1983, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it, is with the Area Engineer, Mark Page. The telephone number is 637-1303.

Yours truly,

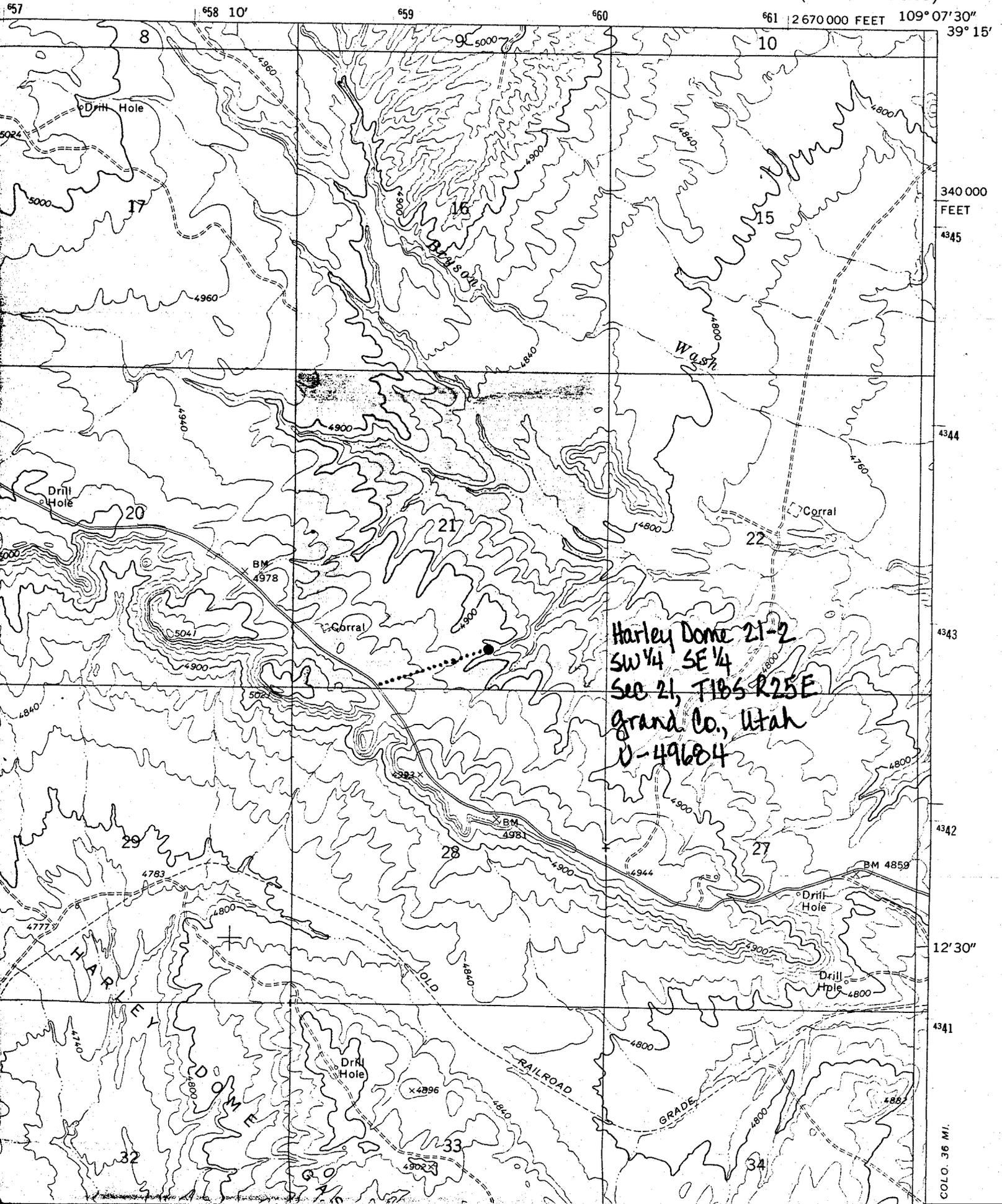
  
Dee C. Hansen, P. E.  
State Engineer

DCH:slm

Enclosure

HARLEY DOME QUADRANGLE  
UTAH—GRAND CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

4162  
16ARX



Harley Dome 21-2  
SW 1/4 SE 1/4  
Sec 21, T18S R25E  
Grand Co., Utah  
U-49684

340 000  
FEET

4345

4344

4343

4342

12'30"

4341

COLO. 36 MI.

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

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.  
21-2

10. FIELD OR WILDCAT NAME  
Harley Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T18S R25E

12. COUNTY OR PARISH 13. STATE  
Grand Utah

14. API NO.  
43-019-31106

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4895' GR

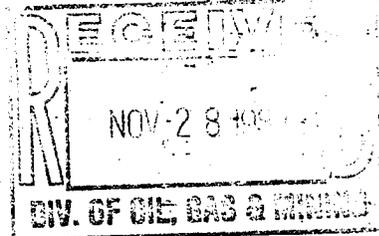
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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) <input checked="" type="checkbox"/> Change in Surface Casing	

(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.)\*

The surface casing will be ✓ 7-5/8" rather than the 8-5/8" reported on Form 9-331-C, Application to Drill.



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

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

SIGNED Junda Conde TITLE Production Mgr. DATE November 25, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE OF UTAH DIVISION OF OIL, GAS, AND MINING \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: AMBRA OIL & GAS COMPANY

WELL NAME: HARLEY DOME 21-2

SECTION SWSE 21 TOWNSHIP 18S RANGE 25E COUNTY GRAND

DRILLING CONTRACTOR STARNER

RIG # 3

SPUDDED: DATE 12-18-83

TIME 2:30 PM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Reba

TELEPHONE # 532-6640

DATE 12-19-83 SIGNED AS

NOTICE OF SPUD

Company: Ambrua

Caller: Reba

Phone: 532-6640

Well Number: 21-2

Location: Sec. 21 - 185-25E

County: Grand State: Utah

Lease Number: U-49684

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 12-18-83 2:30 PM

Dry Hole Spudder/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_

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

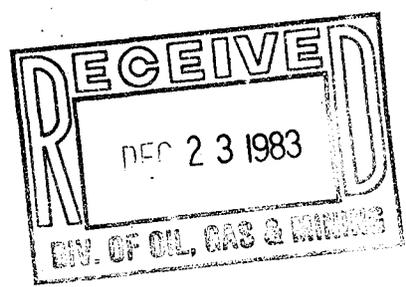
Rotary Rig Name & Number: Stanner # 3

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: De Lois

Date: 12-19-83



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. 21-2	
10. FIELD OR WILDCAT NAME Harley Dome	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T18S R25E	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO. 43-019-31106	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4895' 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.)  
660' FSL 1980' FEL, SW $\frac{1}{4}$  SE $\frac{1}{4}$   
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:		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) Spud Report, Change in Surface Casing			

(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 18, 1983 at 2:30 p.m. by Starner Drilling, Rig #3.

There was 160' of 8-5/8" surface casing.

**RECEIVED**  
DEC 30 1983

**DIVISION OF  
OIL, GAS & MINING**

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 December 24, 1983

(This space for Federal or State office use)

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



# 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.)

**37. SUMMARY OF POROUS ZONES:**

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Mancos Shale	Surface					
Dakota	1020'					
Morrison	1250'					
TD	1600'					

38.

**GEOLOGIC MARKERS**

**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.)  
660' FSL 1980' FEL, SW $\frac{1}{4}$  SE $\frac{1}{4}$   
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:		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)			

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.  
21-2

10. FIELD OR WILDCAT NAME  
Harley Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T18S R25E

12. COUNTY OR PARISH Grand 13. STATE Utah

14. API NO.  
43-019-31106

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4895' 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 determined to be dry on December 27, 1983. Verbal plugging orders as given by the BLM Branch of Fluid Minerals are as follows:

- Plug #1 1000'-800' with 60 sx cement
- Plug #2 300'-100' with 48 sx cement

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

**ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: Jan 30 1984 Ft.  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED Jinda Conde TITLE Production Mgr. DATE January 30, 1984

(This space for Federal or State office use)

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



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771  
March 1, 1984

Ambra Oil & Gas Company  
Attn: Linda Conde  
47 W 200 S #510  
Salt Lake City, Utah 84101

RE: Well No. Harley Dome #21-2  
API #43-019-31106  
Sec. 21, T. 18S, R. 25E.  
Grand County, Utah

Dear Linda:

We received your "Well Completion Report and Log" dated ~~August 19, 1983~~ <sup>Jan 30 84</sup> on the above well stating that this well had been completed ~~May 1, 1983~~ <sup>12/27/83</sup>. It indicated this well has been plugged and abandoned. However, this office has not received the appropriate "Sundry Notice" of subsequent abandonment.

Rule D-2 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Division. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If an attempt was made to part any casing, a complete report of the method used and results obtained must be included.

Enclosed is the necessary Sundry Notice form for your convenience in fulfilling these requirements. Please submit the completed form to this office as soon as possible.

Thank you for your prompt attention to this matter.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj

Enclosure

cc: Dianne R. Nielson, Director  
Harold Balthrop, Associate Director  
Ronald J. Firth, Chief Engineer

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. 21-2	
10. FIELD OR WILDCAT NAME Harley Dome	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T18S R25E	
12. COUNTY OR PARISH Grand	13. STATE Utah
14. API NO. 43-019-31106	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4895' GR	

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' FSL 1980' FEL, SW $\frac{1}{4}$ 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)			

(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 27, 1983 with the following plugs:

Plug #1 1000'-800' with 60 sx cement  
Plug #2 300'-100' with 48 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 this 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: