

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Atlantic Richfield Company

## 3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

1200' FSL &amp; 1250' FWL (Unit Ltr M)

At proposed prod. zone

same as above

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

2-1/2 mi South and 2 mi East Maljamar, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

1200'

## 16. NO. OF ACRES IN LEASE

160

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.

## 19. PROPOSED DEPTH

4300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

To be reported

## 22. APPROX. DATE WORK WILL START\*

July 15, 1974

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" OD	24#	400'	300 sx Circ. to Surf
7-7/8"	4-1/2" OD	9.5#	4300'	500 sx

Propose to drill well to test the Grayburg San Andres formation in accordance  
w/NMOCC Order No. R-3011-A.

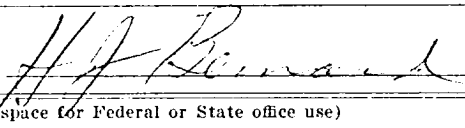
TRASH AND JUNK SHOULD BE  
BURIED IN A SEPARATE TRASH PIT

Diagram of Blow-Out Preventer program attached.

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



TITLE District Drlg. Supervisor

DATE June 27, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**

JUL 12 1974

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Atlantic Richfield Company</b>			Lease <b>Johns "A" 24 DE</b>		Well No. <b>6</b>
Unit Letter <b>M</b>	Section <b>24</b>	Township <b>17</b>	Range <b>32E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1200</b> feet from the <b>South</b> line and <b>1250</b> feet from the <b>West</b> line					
Ground Level Elev:	Producing Formation <b>Grayburg - San Andres</b>		Pool <b>Naljanar</b>		Dedicated Acreage:  Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.


**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Name \_\_\_\_\_

Position \_\_\_\_\_

**Dist. Dirg. Supv.**  
Company \_\_\_\_\_

**Atlantic Richfield Company**  
Date \_\_\_\_\_

**12/23/73**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed \_\_\_\_\_

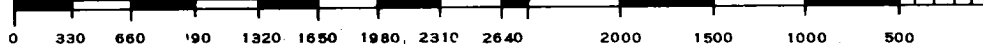
**Dec 27 - 1973**

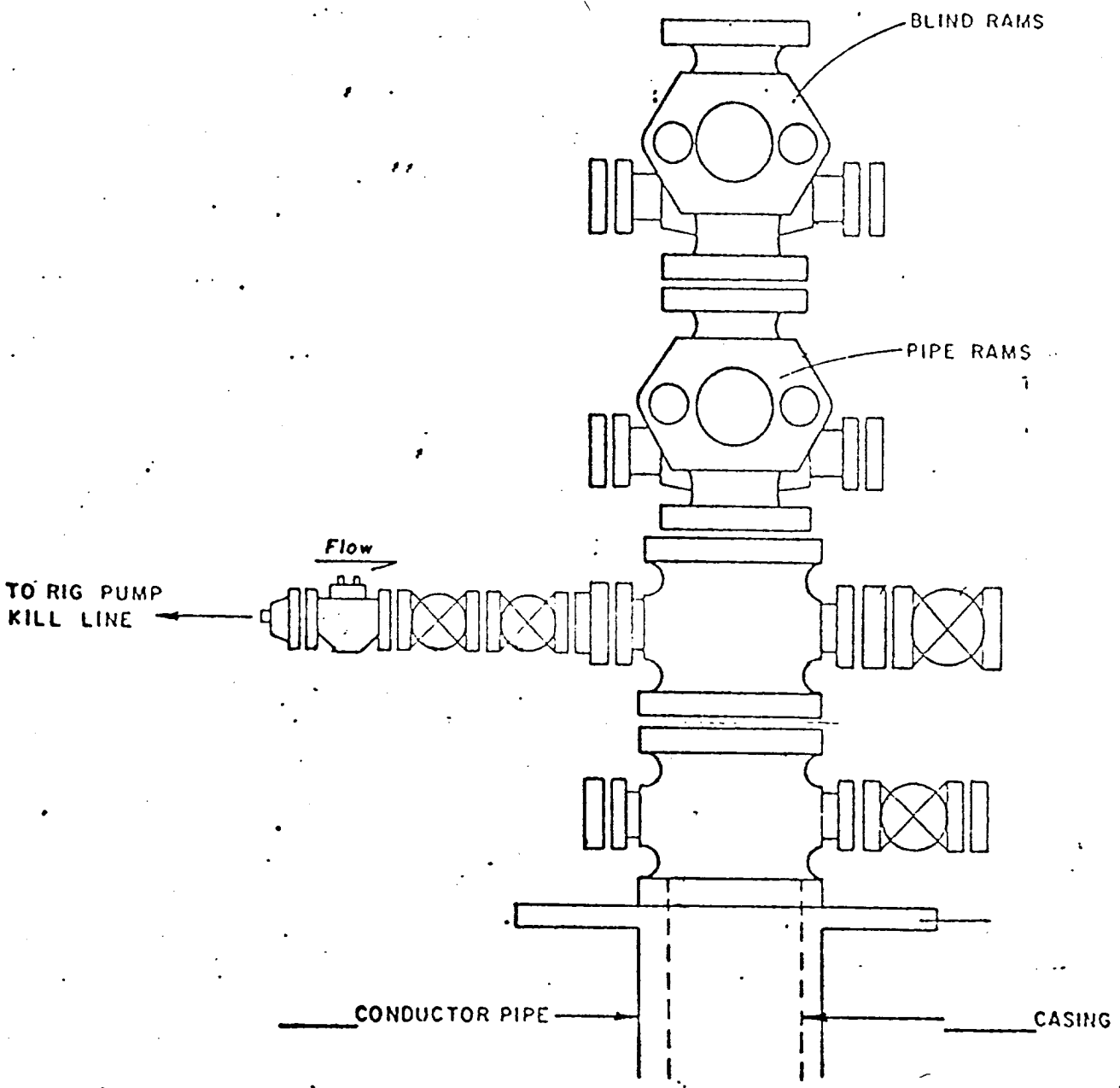
Registered Professional Engineer  
and/or Land Surveyor

*[Signature]*

Certificate No. \_\_\_\_\_

**648**





North American Producing Division

Permit to Drill Application

Permit to Drill Application

U. S. Geological Survey

Hobbs, New Mexico 88240



June 28, 1974

U. S. Geological Survey

P. O. Box 1157

Hobbs, New Mexico 88240

Re: Johns "A" 24 (DE) #6  
1200' FSL & 1250' FWL  
Sec. 24, T17S, R32E  
Lea County, New Mexico

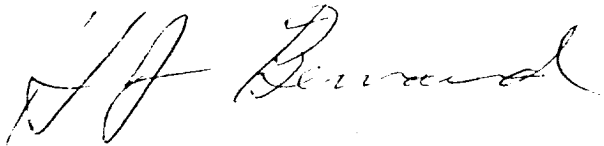
Application for Permit to Drill:

1. We will exit off State Highway 31 to the Southwest. Attached is Exhibit #1 on which Sec. 24 is outlined in red.
2. Planned access Roads:  
We will build 550' of new road as indicated on Exhibit #2. The road will be 12' wide w/6" caliche compacted.
3. Location of existing wells:  
Both Exhibit #1 & #2 show existing wells.
4. Lateral roads to well locations:  
These roads are shown on both Exhibit #1 & #2.
5. Location of Tank Battery:  
Tank battery is located at the approximate center of Sec. 24. Shown on Exhibit #2.
6. Location and type of water supply:  
The fresh water for the surface hole and for cementing will be trucked in. The brine water will be produced water on the lease obtained from tank battery.
7. Methods for handling waste disposal:  
All solid waste from the drilling operation will be buried.
8. Location of camp:  
No camp intended.
9. Location of Airstrip:  
No airstrip intended.

U. S. Geological Survey  
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10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.  
Rig will have engines facing south and "V" door and racks to the east shown on plat #3.
11. Plans for restoration of the surface:  
The pits will be filled and leveled. All not used area will be restored to as near the original condition as possible.
12. Any other information that may be used to evaluate the impact on environment.

The area is sand, with rolling sand dunes. The pits will be plastic lined to contain its contents.

A handwritten signature in cursive script, appearing to read "H. J. Bernard".

H. J. Bernard  
District Drilling Supervisor

HJB:rm

Attachments