

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 ARCO Oil & Gas Company

Division of 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

2465' FEL & 1360' FSL (Unit Ltr J)

At proposed prod. zone

As above

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

3/4 mi So. of Maljamar Hwy 33, So. East 2-1/4 mi.

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

480

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

940' NE

19. PROPOSED DEPTH

4300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4050' Estimated

22. APPROX. DATE WORK WILL START*

Upon Approvals

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|----------------|-----------------|---------------|
| 11" | 8- 5/8" OD | 24# K-55 | 400' |
| 7- 7/8" | 4- 1/2" OD | 9.5# K-55 | 4300' |

QUANTITY OF CEMENT

325 sx Circ.

500 sx Estimate TOCO 2050'

Propose to drill an infill development well to the Grayburg San Andres to recover undrained areas within the Sinclair Maljamar Johns Waterflood Project.

Blowout Preventer Program attached.

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE Dist. Drlg. Supt.

DATE 9-20-79

APPROVED
AS AMENDED

NOV 06 1979

ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

ARCO Oil and Gas Comp.
Permian District - West Area
Post Office Box 1710
Hobbs, New Mexico 88240
Telephone 505 393 7163
George V. Ricks
Superintendent
Production & Drilling



October 17, 1979

United States Department of Interior
Geological Survey
P. O. Box 1157
Hobbs, New Mexico 88240

RECEIVED

OCT 17 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Re: Johns "B" DE #13
New Mexico Lease LC-059152(b)
Supplemental items to Drilling Permit

Gentlemen:

The following additional requirements for approval of Application for Permit to Drill the above referred well are listed.

1. Item 6 - Surface use Plan- Caliche for constructing roads and well pad will be obtained by contractor from an existing pit located in the SE/4, NE/4 Section 7-T18S-R35E, Lea County, (State of New Mexico pit).
2. Copy of approved copy NMOCD Administrative Order NSL-1083 attached.
3. Copy of letter to surface grazing permittee and plan of surface restoration by oil and gas lessee attached. No reply from Mr. Roy Lee Warren was received. Surface use and restoration plan will be in conformance with State of New Mexico requirements.

Sincerely yours,

L. D. Lane
District Drilling Supt.

LDL:DS:kd

Attachments



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

September 26, 1979

POST OFFICE BOX 2018
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

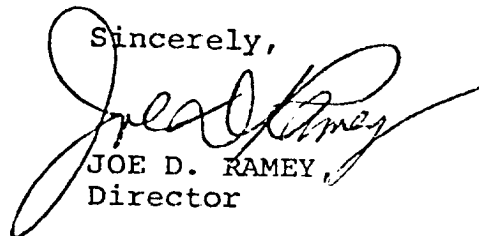
Administrative Order NSL-1083

Gentlemen:

Reference is made to your application for a non-standard location for your Johns "B" DE Well No. 13 located 1360 feet from the South line and 2465 feet from the East line of Section 24, Township 17 South, Range 32 East, NMPM; Maljamar Pool, Lea County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,



JOE D. RAMEY
Director

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Hobbs

ARCO Oil and Gas Company
Permian District West Area
Post Office Box 1710
Hobbs, New Mexico 88240
Telephone 505 393 7163
George V. Ricks
Superintendent
Production & Drilling



September 24, 1979

Mr. Roy Lee Warren
604 South 13th
Lovington, New Mexico 88260

Re: Surface Grazing Lease No. GT1385
Sec 24-17S-32E, Lea County (Maljamar Area)

Dear Mr. Warren:

Records indicate you hold a grazing permit from the State of New Mexico, Surface Grazing lease No. GT-1385.

ARCO Oil & Gas Company is Oil & Gas Lessee of this Federal mineral acreage and ARCO plans to drill the Johns "B" DE #13 soon,

The United States Department of Interior requires that the surface grazing permittee be notified as to the plan of surface restoration.

The Bureau of Land Management requires that the wellsite be cleared of all debris and pits closed and leveled after abandonment. All pits used during drilling will be fenced to protect livestock. If you are in agreement with surface use and restoration, please sign below and return one signed copy in the enclosed stamped addressed envelop.

Sincerely yours,

LeRoy Lane
District Drilling Supt.

In Agreement to above restoration of Surface

Roy Lee Warren
Surface Grazing Permittee

RECEIVED
NOV 13 1979
O.C.D. HOBBS, OFFICE

Consent form for