

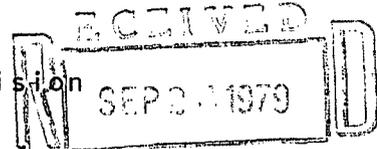
ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100

*NSL
Rule 104 F
Maljamar Pool
Immediate* 1083



September 19, 1979

New Mexico Oil Conservation Division
Department of Energy & Minerals
P. O. Box 2088
Santa Fe, New Mexico 87501



OIL CONSERVATION DIVISION
SANTA FE

RE: Maljamar Johns "B" DE #13
Non-standard Location

Gentlemen:

ARCO Oil & Gas Company respectively requests administrative approval of a non-standard location (40 acres) located 2465' FEL and 1360' FSL, Sec. 24, T17S, R32E, Lea County, New Mexico.

The proposed well is a development well in the Grayburg San Andres formation being drilled to more economically recover reserves in the ARCO Maljamar Johns waterflood. Calculations reveal that the proposed well needs to be drilled to recover reserves that will be in an unswept area of the waterflood. Significant reserves can be recovered from this bubble.

Request also comes from the fact that power lines exist on the surface at the desired location. Therefore, we request that the location be moved to the above mentioned non-standard location. There are no offset operators within the required distance of the proposed location. We appreciate your consideration of this matter.

Thank You.

Sincerely,

J. L. Tweed

TDM:ad

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Geological Survey - Artesia

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-66

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
LC 059152-B

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
ARCO Oil & Gas, A Division of Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico

4. Location of Well
UNIT LETTER **J** LOCATED **2465** FEET FROM THE **East** LINE
AND **1360'** FEET FROM THE **South** LINE OF SEC. **24** TWP. **17S** RGE. **32E** NMPM

7. Unit Agreement Name
Sinclair Maljamar Johns DE Waterflood Project

8. Form or Lease Name
Johns "B" DE

9. Well No.
13

10. Field and Pool, or Wildcat
Maljamar Grbg SA

12. County
Lea

18. Proposed Depth
4300'

19A. Formation
Graybg-SA

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
4050' Estimated

21A. Kind & Status Plug. Bond

21B. Drilling Contractor

22. Approx. Date Work will start
Upon approval

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"OD	24# K-55	400'	325 sx Circ	
7-7/8"	4-1/2"OD	9.5# K-55	4300	500sx	

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.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed _____ Title _____ Date _____

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.

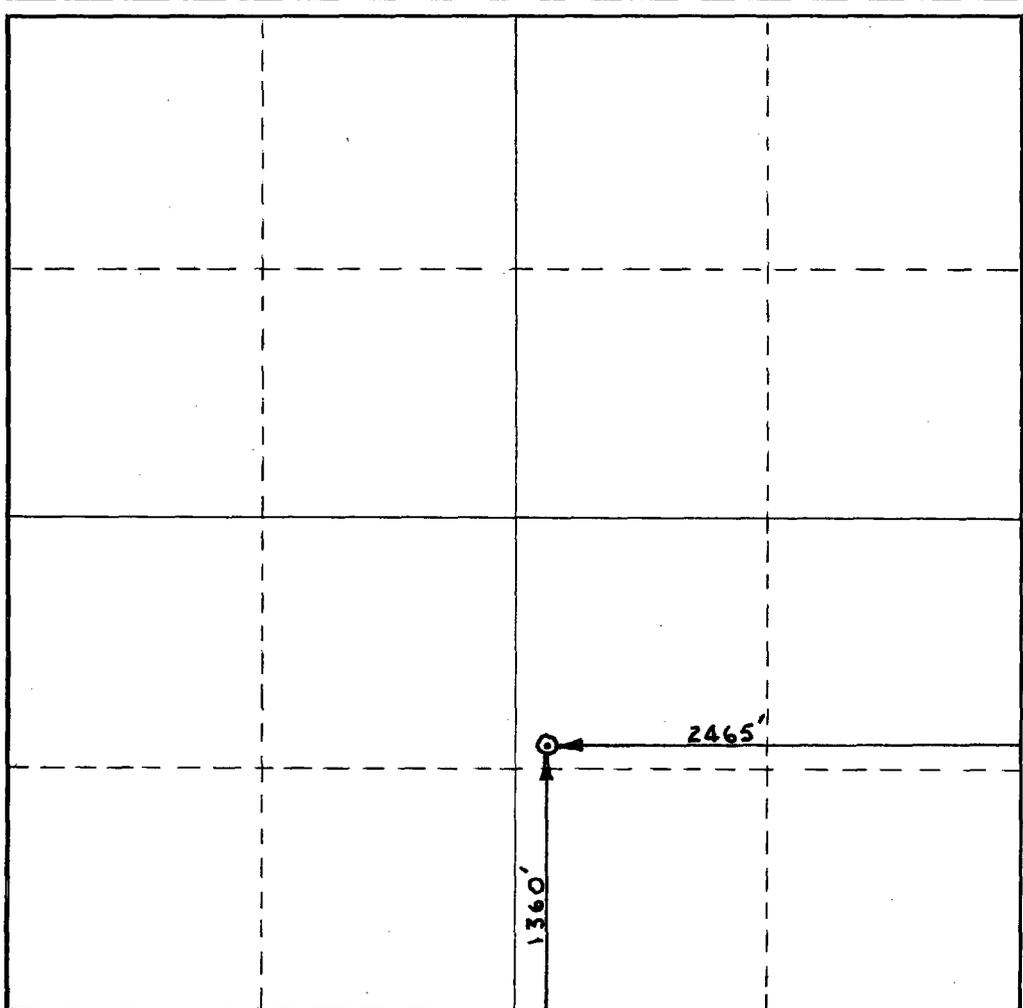
Operator ARCO OIL & GAS COMPANY, A Division of Atlantic Richfield		Lease Johns "B" DE			Well No. 13
Unit Letter J	Section 24	Township 17S	Range 32E	County Lea	
Actual Footage Location of Well: 2465 feet from the East line and 1360 feet from the South line					
Ground Level Elev:	Producing Formation Graybg San Andres		Pool Maljamar	Dedicated Acreage: 40 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 Unitization

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

ARCO OIL & GAS COMPANY

Company

9-18-79

Date

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

