

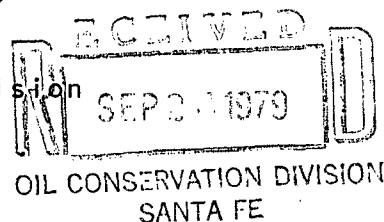
ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100

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



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

Gentlemen:

ARCO Oil & Gas Company respectfully 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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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LC 059152-B	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		Sinclair Maljamar John	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	DE Waterflood Project	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	8. Form or Lease Name	
OTHER <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/>	Johns "B" DE	
2. Name of Operator		9. Well No.	
ARCO Oil & Gas, A Division of Atlantic Richfield Company		13	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1710, Hobbs, New Mexico		Maljamar Grbg SA	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 2465 FEET FROM THE East LINE		Lea	
AND 1360' FEET FROM THE South LINE OF SEC. 24 TWP. 17S RGE. 32E NMPM			
18. Proposed Depth		19A. Formation	20. Rotary or C.T.
4300'		Graybg-SA	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4050' Estimated			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.

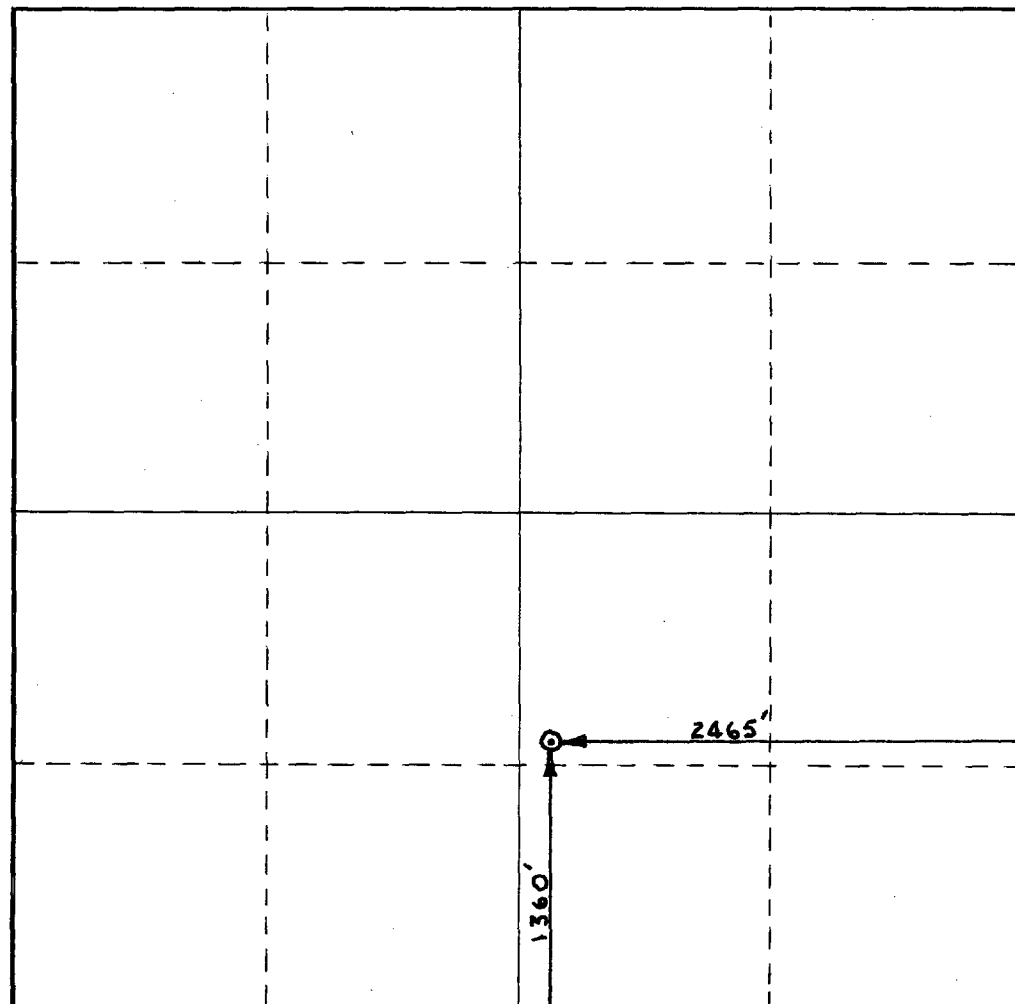
Operator ARCO OIL & GAS COMPANY, A Division of Atlantic Richfield		Lease Johns "B" DE		Well No. 13
Unit Letter J	Section 24	Township 17S	Range 32E	County Lea
Actual Footage Location of Well: 2465 feet from the East line and 1360 feet from the South line				
Ground Level Elev:	Producing Formation Graybg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

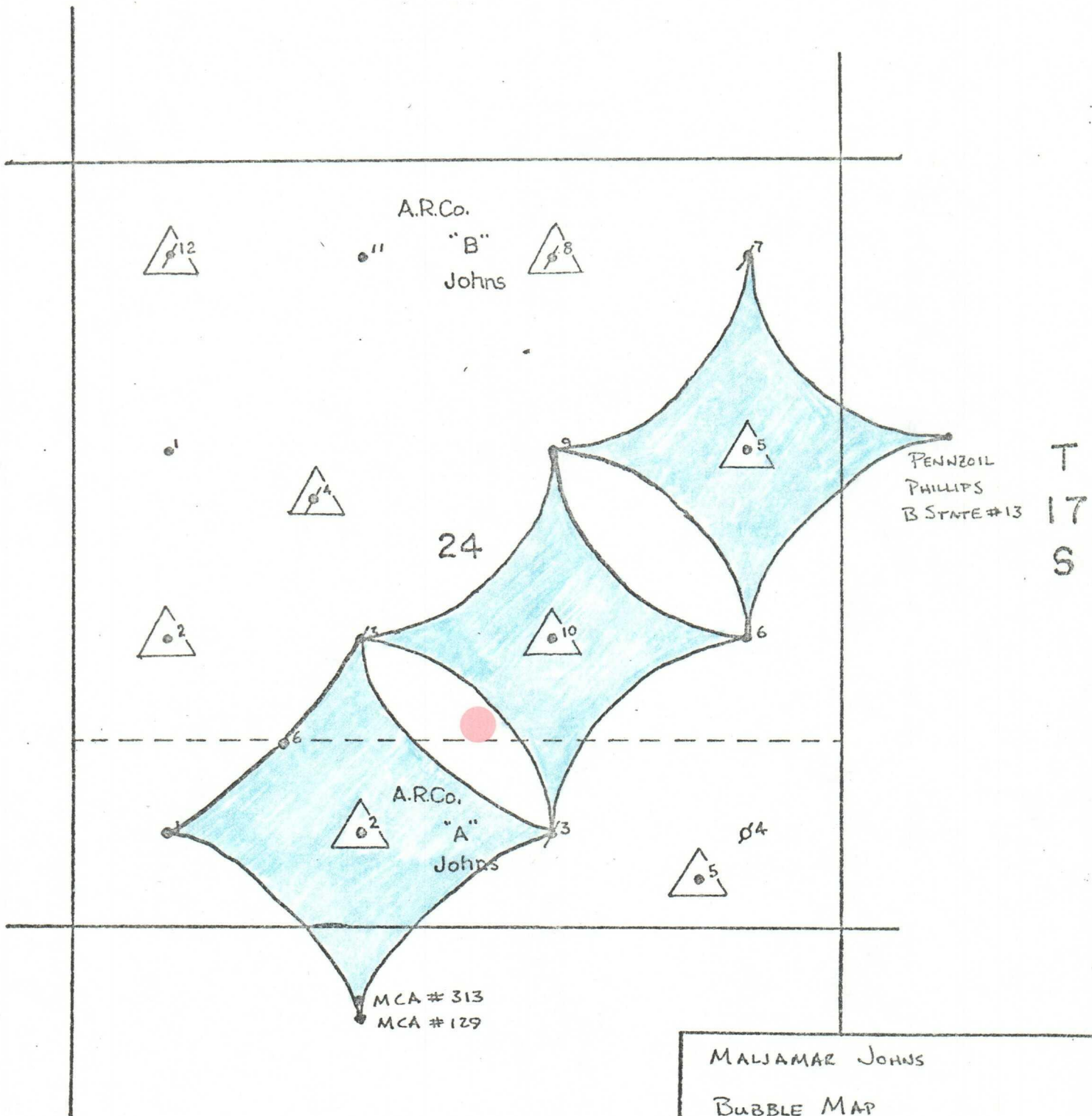
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor



Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



MALJAMAR JOHNS

BUBBLE MAP

-  PROPOSED LOCATION
-  FLOOD REGION

R 32 E