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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name J. R. Hardin	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 1	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wildcat - San Andres	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>17S</u> RGE. <u>38E</u> NMPM		12. County Lea	
19. Proposed Depth 5900'		19A. Formation San Andres	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3653.3' GR	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor not selected	22. Approx. Date Work will start 12/22/82

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
23"	16" OD cond pipe		30'	3 yds Redi-mix	Surface
11"	8-5/8" OD	24# K-55	400'	150 sx	Circ to surface
7-7/8"	5 1/2" OD	15.5# K-55	5900'	1165 sx	Circ to surface

Propose to drill a wildcat well and test the producing capabilities of the San Andres formation.

Blowout Preventer diagram attached

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6/20/83
UNLESS DRILLING UNDERWAY

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 Blair P. Lawrence Title Drlg. Engr. Date 12/16/82

(This space for State Use)

ORIGINAL SIGNED BY

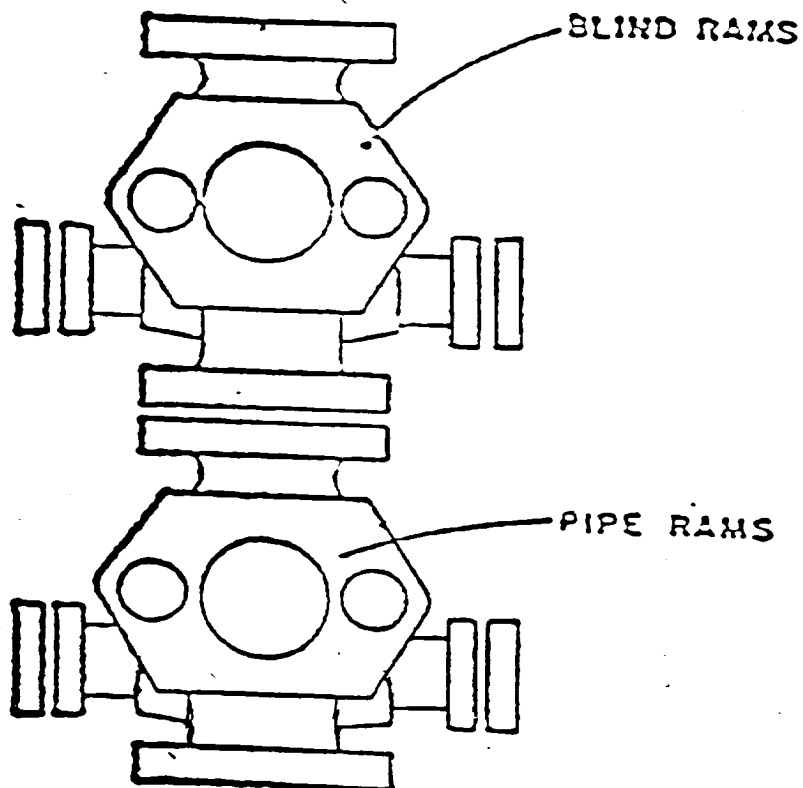
APPROVED BY JERRY SEXTON TITLE DISTRICT SUPER. DATE DEC 20 1982

CONDITIONS OF APPROVAL

RECEIVED

DEC 17 1982

C.C.N.
HOSERS OFFICE



ARCO Oil & Gas Company

Division of Atlantic Richfield Company

Blow Out Preventer Program

Lease Name J. R. Hardin

Well No. 1

Location 660' FNL & 660' FWL

Sec 25-17S-38E, Lea County

BOP to be tested when installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION F.

Form O-100
Supersedes O-100A
Effective 1-1-81

All data must be from the original survey.

Division of Atlantic Richfield Co.
ARCO OIL AND GAS CO.

J.R. HARRIS

D 25 17 SOUTH 38 EAST LEA

660 NORTH 660 WEST

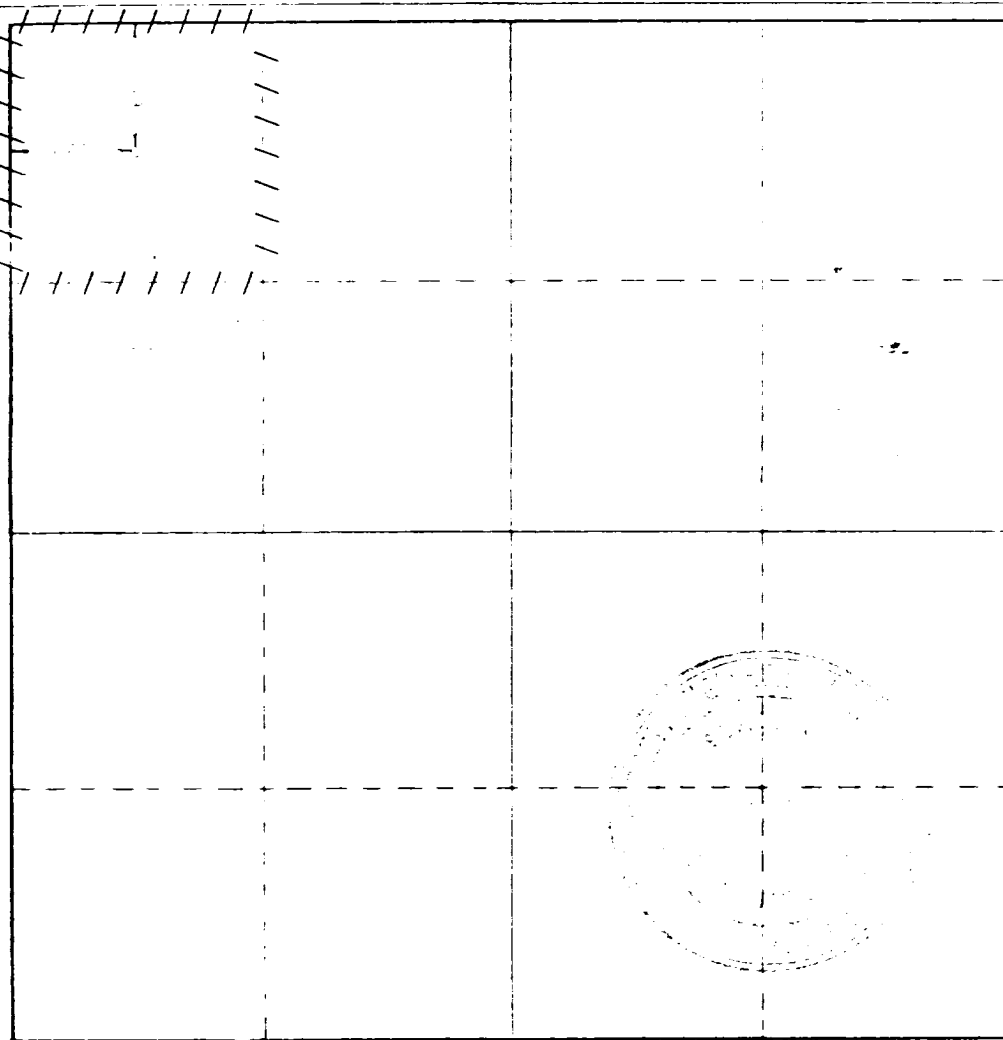
3653.3 San Andres Wildcat 40

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

Roland P. Lawrence

Drlg. Engr.

For my ARCO Oil and Gas Co.,
Div of Atlantic Richfield Co.

Date
12/16/82

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
12-13-82

Registered Professional Engineer
No. 12176

John W. West

Certificate No.
JOHN W. WEST N.M. #676

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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DEC 17 1982
O.C.A.
HOBBE OFFICE