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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

MAY 31 1979

**O. C. C.
ARTESIA, OFFICE**

30-015-22911

Form C-101
Revised 1-1-65 Amended

5A. Indicate Type of Lease	STATE ☒ FEE ☐
5. State Oil & Gas Lease No.	647-349 647-351

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Approval Status	
		Empire Abo Pressure Maintenance Project	
b. Type of Well		8. Name of Operator	
DRILL ☒	DEEPEN ☐	Empire Abo Unit "F"	
OIL WELL ☒	GAS WELL ☐	9. Well No.	
OTHER ☐		391	
1. Name of Operator		10. Field and Pool, or Well Unit	
ARCO Oil & Gas Company ✓ Division of Atlantic Richfield Company		Empire Abo	
3. Address of Operator		11. Locality	
P. O. Box 1710, Hobbs, New Mexico 88240		Eddy	
4. Location of Well		12. Proposed Depth	
UNIT LETTER G	LOCATED 1545	6300'	
FEET FROM THE North	LINE	14A. Formation	
AND 1625	FEET FROM THE East	Abo Reef	
LINE OF SEC. 35	TWP. 17S	14B. Rotary or C.T.	
REF. 28E	N. 100M	Rotary	
21. Elevations (Show whether DT, KT, etc.)		22. Approx. Date Work will start	
3680.6' GR		5/29/79	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
GCA #8		Hondo Drilg. Co.	

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	750'	675	Circ to surf
7-7/8"	5-1/2" OD	15.5# K-55	6300'	1425	Circ to surf
					by 2 staging

Note: This is an amended Form C-101 to correct the Section from 33 to Section 35.

Propose to drill a development well in the Empire Abo Pressure Maintenance Project to more economically recover remaining reserves. Authority to drill above non-standard location by approval of Administrative Order NSL-999. ✓

Blowout Preventer Program attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 9-4-79

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.

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

Signed [Signature] Title Dist Drlg Supt. Date 5/30/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUN 4 1979

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 Atlantic Richfield Co.		Lease Empire Abo Unit - F		Well No. 391
Section Letter G	Section 35	Township 17-S	Range 28-E	County Eddy
Actual Footage Location of Well: 1545 feet from the North line and 1625 feet from the East line				
Ground Level Elev. 3680.6	Producing Formation Abo Reef	Pool Empire Abo	Dedicated Acreage 40	

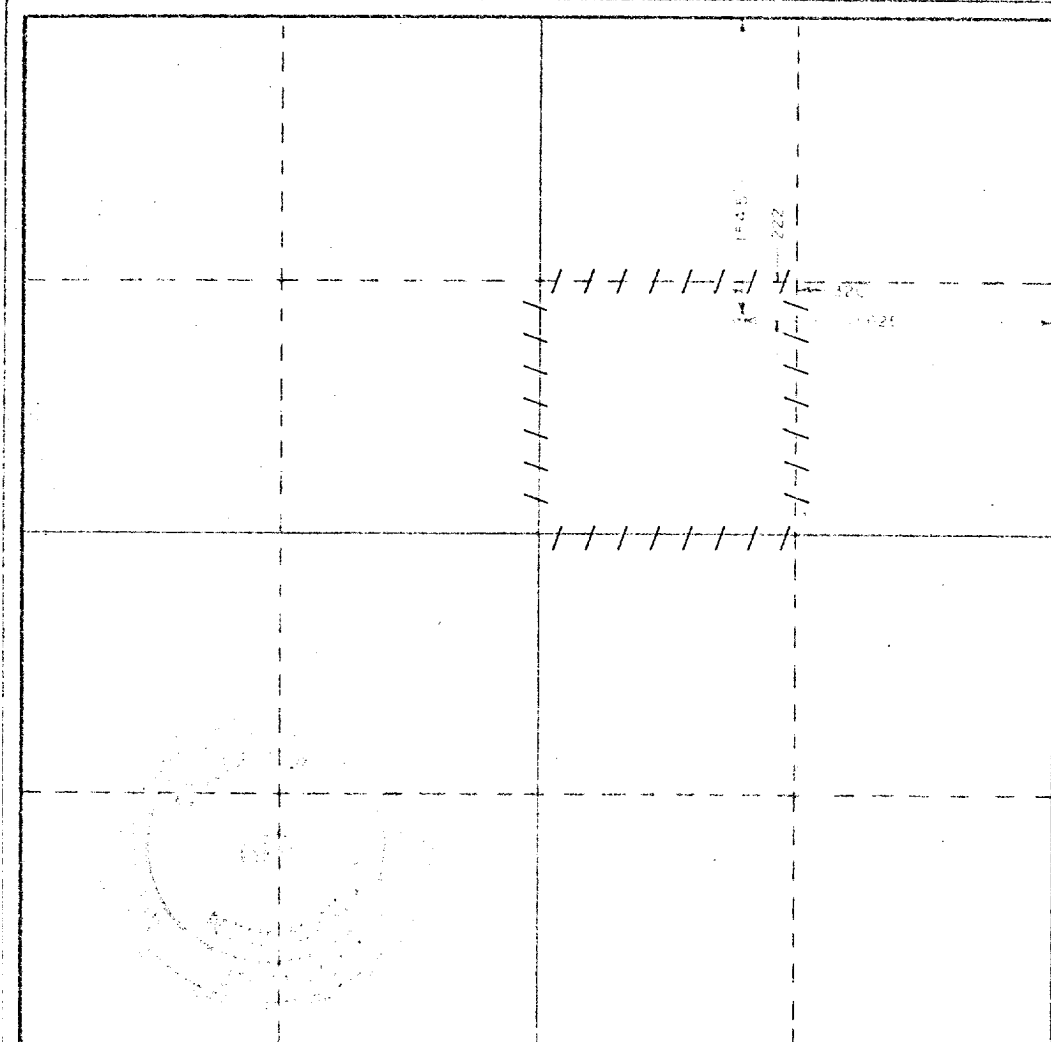
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Amended C-102 to correct Section



CERTIFICATION

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

Name John W. West

Position Dist Drlg Supt.

Company ARCO Oil & Gas Co.

Div. of Atlantic Richfield Co.

Date 5/30/79

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 November 1, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West

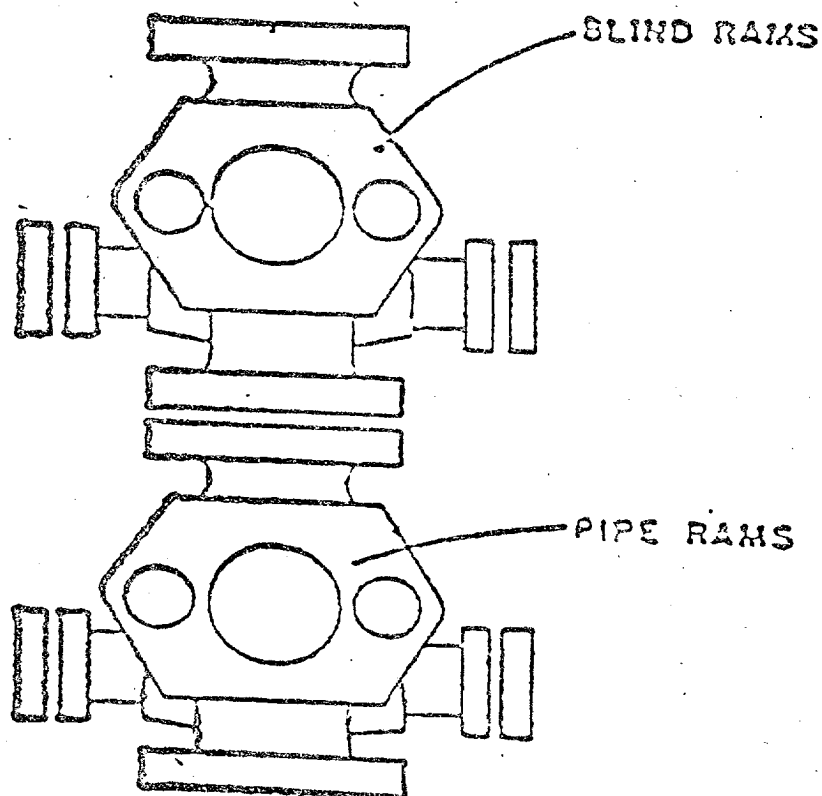
Certificate No. John W. West

676

Ronald J. Eldson

3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "F"

Well No. 391

Location 1545' FNL & 1625' FEL
Sec 35-17S-28E, Eddy County

BOP to be tested before 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.