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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-2201
Form C-101
Revised 1-1-65

JAN 24 1979

O. C. C.
ARTESIA OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		5A. Indicate Type of Lease	
		STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
b. Type of Well		5. State Oil & Gas Lease No.	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		B-7244-30	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
		Empire Abo Pressure Maintenance Project	
2. Name of Operator		8. Farm or Lease Name	
Atlantic Richfield Company		Empire Abo Unit "K"	
3. Address of Operator		9. Well No.	
P. O. Box 1710, Hobbs, New Mexico 88240		131	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER L LOCATED 1500 FEET FROM THE South LINE		Empire Abo	
AND 600 FEET FROM THE West LINE OF SEC. 2 TWP. 18S RGE. 27E NMPM		12. County	
		Eddy	
13. Proposed Depth		19A. Formation	
6100'		Abo Reef	
21. Elevations (Show whether DT, RT, etc.)		20. Rotary or C.T.	
3517' GR		Rotary	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
GCA #8		2/1/79	
21B. Drilling Contractor			
Hondo Drlg. Co.			

23.

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	1000'	575	Circ to surf
7-7/8"	5-1/2" OD	15.5# K-55	6100'	1425	Circ to surf
					by 2-staging

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~~ *order R-5906*.

Blowout Preventer Program attached.

APPROVAL TIME
FOR 90 DAYS
DRILLING COMMENCED

EXPIRES 4-30-79

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.

I 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 1/23/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JAN 30 1979

CONDITIONS OF APPROVAL, IF ANY:

Minimum WCC time 18 hrs.

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

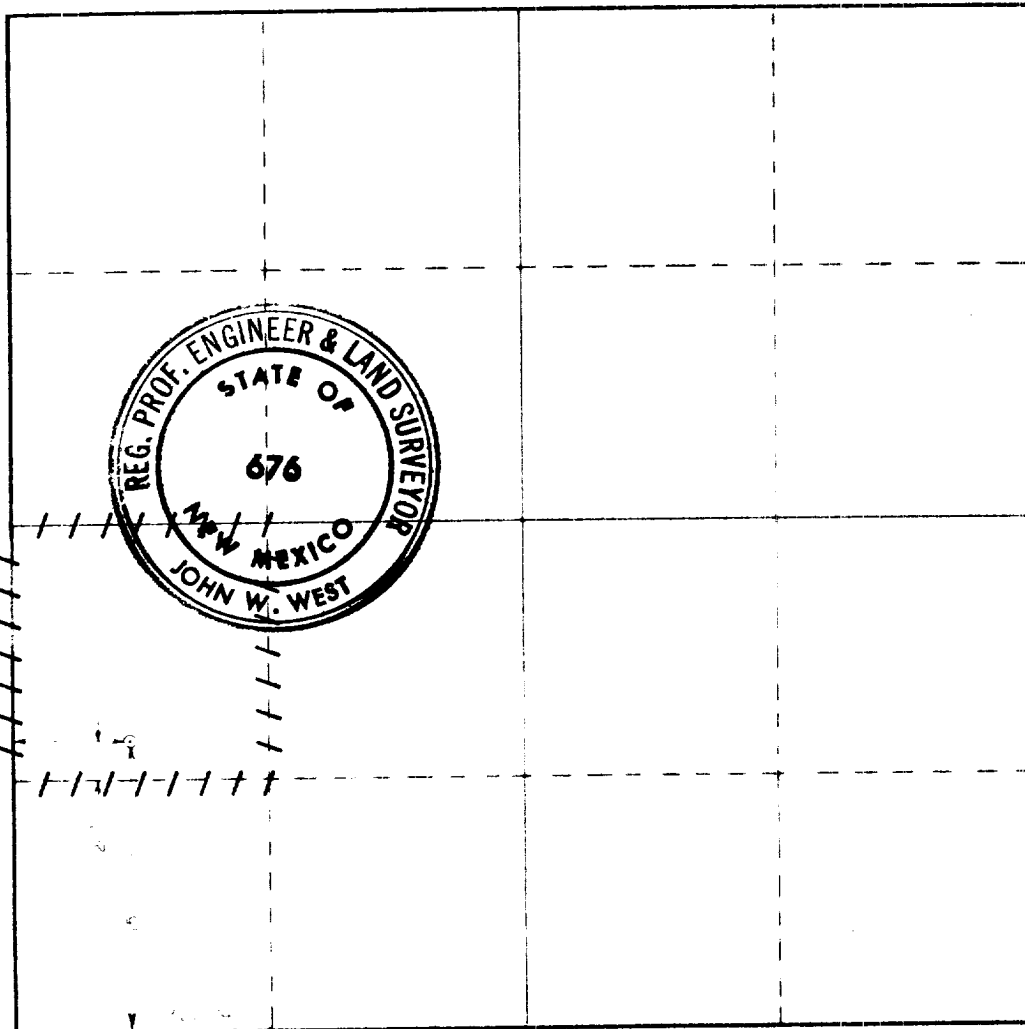
Atlantic Richfield Co.			Lease Empire Abo Unit K		Well No. 131
Section L	Section 2	Township 18-S	Range 27-E	County Eddy	
Age Location of Well: 1500 feet from the South line and 600 feet from the West line					
Original Elev. 3517.0	Producing Formation Abo Reef		Pool Empire Abo		Dedicated Acreage: 40 Acres

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 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

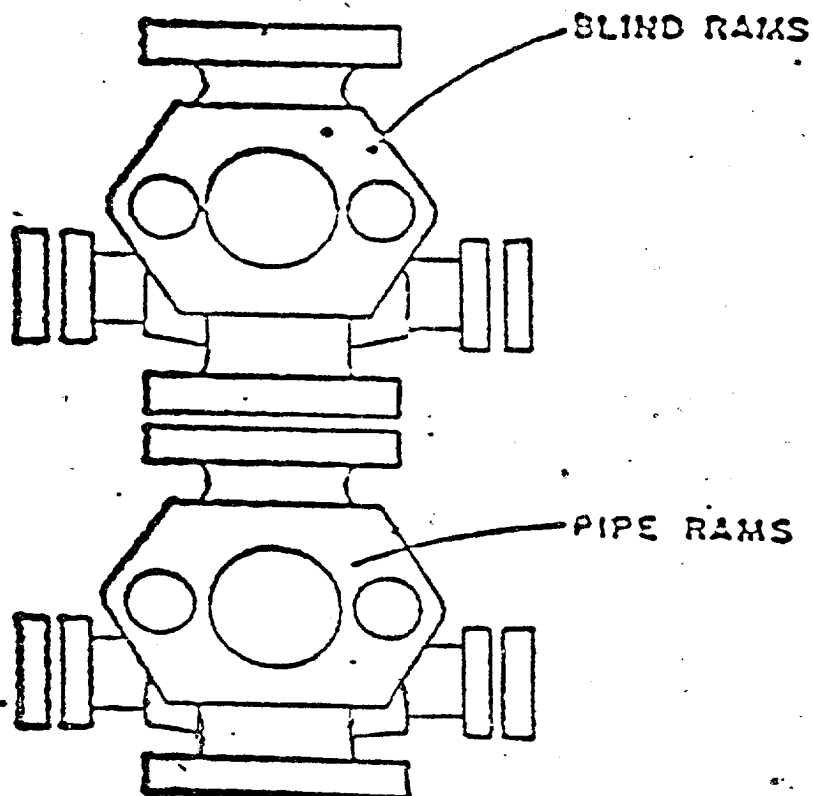
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name John W. West
Position Dist. Drlg. Supt.
Company Atlantic Richfield Company
Date 1/23/79

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 October 31, 1978
Registered Professional Engineer and/or Land Surveyor
John W. West
Certificate No. John W. West 676
Ronald J. Eidson 3239

1500 1200 900 600 300 0



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "K"

Well No. 131

Location 1500' FSL & 600' FWL
Sec 2-18S-27E, 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.

IT IS THEREFORE ORDERED:

Case #6409 12-20-78 DSN
Order R-5906 1-16-79

(1) That the applicant, Atlantic Richfield Company, is hereby authorized to directional drill four wells on its Empire Unit Area, Empire-Abo Pool, Eddy County, New Mexico, bottoming them at unorthodox locations as follows:

In Township 17 South, Range 28 East:

~~Well No. D-361, surface location 136 feet from the South line and 800 feet from the East line of Section 27, bottom-hole location 300 feet from the North line and 500 feet from the East line of Section 34 in Unit A;~~

~~Well No. E-392, surface location 959 feet from the South line and 2400 feet from the East line, bottom-hole location 600 feet from the North line and 2500 feet from the East line, Section 35 in Unit C.~~

In Township 18 South, Range 27 East:

~~Well No. K-131, surface location 1500 feet from the South line and 600 feet from the West line, bottom-hole location 1600 feet from the South line and 230 feet from the West line. Section 2 in Unit L; and~~

~~Well No. L-133, surface location 800 feet from the South line and 950 feet from the West line, bottom-hole location 1250 feet from the South line and 700 feet from the West line, Section 2 in Unit M.~~

(2) That all of the above wells would be bottomed at unorthodox locations within 150 feet of the described bottom-hole locations.

PROVIDED HOWEVER, that subsequent to the above-described directional drilling, should any of said wells be a true well, continuous multi-shot directional survey shall be run on each wellbore from total depth to the surface with shot points no more than 100 feet apart; that the operator shall cause a surveying company to forward a copy of the survey report directly to the Santa Fe office of the Division, Box 2608, Santa Fe, New Mexico, and that the operator shall notify the Division's Artesia District Office of the date and time said survey is to be commenced.

(3) That Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depths in addition to measured depths.