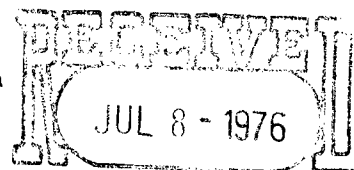


Atlantic Richfield Company North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631



July 2, 1976

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501
Attn: Mr. Joe Ramey



OIL CONSERVATION COMM.
Santa Fe

Re: Request for non-standard
drilling location within
the project area of the
ARCO-Empire Abo Unit Pres-
sure Maintenance Project
Eddy County, New Mexico

NSL-781

OK for
immediate approval

Gentlemen:

Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, acting on behalf of itself and the other participating working interest owners, requests administrative approval under the provisions of Order No. R-4549-B, Rule 14, under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," for the drilling of one unit well at a non-standard location (location shown on exhibits).

pursuant
to Rule
14 of
R-4549-B

The proposed drilling of the subject well at the non-standard locations meets all requirements of Order R-4549-B, Rule 14, said well being located "no closer than 660 feet to the outer boundary of said unit, nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary."

The proposed drilling of this well will be necessary to complete a more efficient producing pattern to conserve reservoir energy, promote the greatest ultimate recovery of unit reserves, prevent waste, and protect correlative rights.

Very truly yours,

J. L. Tweed

WWC/hkc

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631



July 2, 1976

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501
Attn: Mr. Joe Ramey

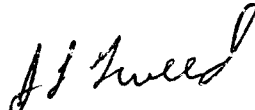
Re: Notification of offset operators to proposed non-standard drilling locations within the project area of the ARCO-Empire Abo Unit Pressure Maintenance Project, Eddy County, New Mexico

Gentlemen:

Atlantic Richfield Company, operator of the Empire Abo Unit Pressure Maintenance Project, in accordance with Order No. R-4549-B, Rule 14(3), under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," has notified all offset operators of the proposed non-standard location with a complete application.

Attached is a list of the offset operators to the proposed non-standard locations and the date they were notified.

Very truly yours,


J. L. Tweed

WWC/hkc

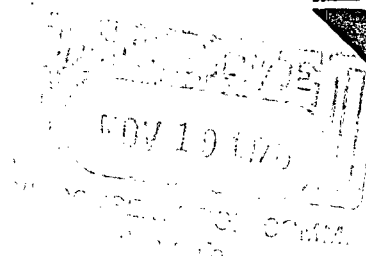
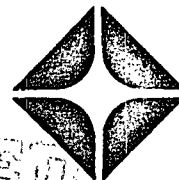
Enclosure

Atlantic Richfield Company

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

NSL-781

712



November 15, 1976

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. J. D. Ramey

Re: Correction of Typical Well Diagram
Infill Drilling Program
ARCO-Empire Abo Unit
Pressure Maintenance Project
Eddy County, New Mexico

Gentlemen:

Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project informs you of a correction to be made to the proposed producing well diagram that was included in previous drilling requests.

The diagrams that were used were for injection wells and not producing wells. The 2-3/8" OD tubing is not internally coated due to the frequency of cutting paraffin in Unit wells.

Enclosed is the list of infill wells that were requested with an incorrect proposed producing well diagram and a schematic of the correct proposed producing well diagram.

Very truly yours,

J. L. Tweed

REH/agp

cc: Mr. W. A. Gressett
N. M. O. C. C.
Artesia, New Mexico

ATLANTIC RICHFIELD COMPANY
EMPIRE ABO UNIT
Proposed Non-Standard Locations
Eddy County, New Mexico

Well Name & Number	Location	Phase III, Part B SUBMITTED 11/3/76	G.L. Elev.
Empire Abo Unit			
E-372	100' FNL & 1291.14' FWL	Sec. 35, T-17S, R-28E	3681.1'
E-401	90' FNL & 1296' FEL	Sec. 35, T-17S, R-28E	3669.1'
F-372	2490' FNL & 1100' FWL	Sec. 35, T-17S, R-28E	3676.8'
F-381	1900' FNL & 2260' FWL	Sec. 35, T-17S, R-28E	3679.0'
G-351	1850' FSL & 1650' FEL	Sec. 34, T-17S, R-28E	3663.2'
H-272	2481' FEL & 330' FSL	Sec. 32, T-17S, R-28E	3661.4'
H-292	1225' FWL & 180' FSL	Sec. 33, T-17S, R-28E	3665.7'
H-293	1248.88' FSL & 50' FWL	Sec. 33, T-17S, R-28E	3671.4'
H-311	2490' FEL & 313' FSL	Sec. 33, T-17S, R-28E	3661.4'
I-281	450' FEL & 700' FNL	Sec. 5, T-18S, R-28E	3659.8'
J-222	1350' FNL & 1572' FWL	Sec. 6, T-18S, R-28E	3656.7'
K-141	1370' FSL & 2445' FWL	Sec. 2, T-18S, R-27E	3521.0'
K-183	2370' FSL & 1510' FWL	Sec. 1, T-18S, R-27E	3694.0'
L-112	1186' FSL & 1372' FEL	Sec. 3, T-18S, R-27E	3516.7'
L-121	1186' FSL & 200' FEL	Sec. 3, T-18S, R-27E	3509.3'
L-153	90' FSL & 1456' FEL	Sec. 2, T-18S, R-27E	3585.0'
M-91	1300' FNL & 1220' FWL	Sec. 10, T-18S, R-27E	3507.7'
M-101	1100' FNL & 2170' FWL	Sec. 10, T-18S, R-27E	3506.8'
M-122	990' FNL & 1300' FEL	Sec. 10, T-18S, R-27E	3499.9'
N-91	2390' FNL & 940' FWL	Sec. 10, T-18S, R-27E	3596.3'

ATLANTIC RICHFIELD COMPANY
Empire Abo Unit
Proposed Non-Standard Locations
Eddy County, New Mexico

SUBMITTED 10/22/76

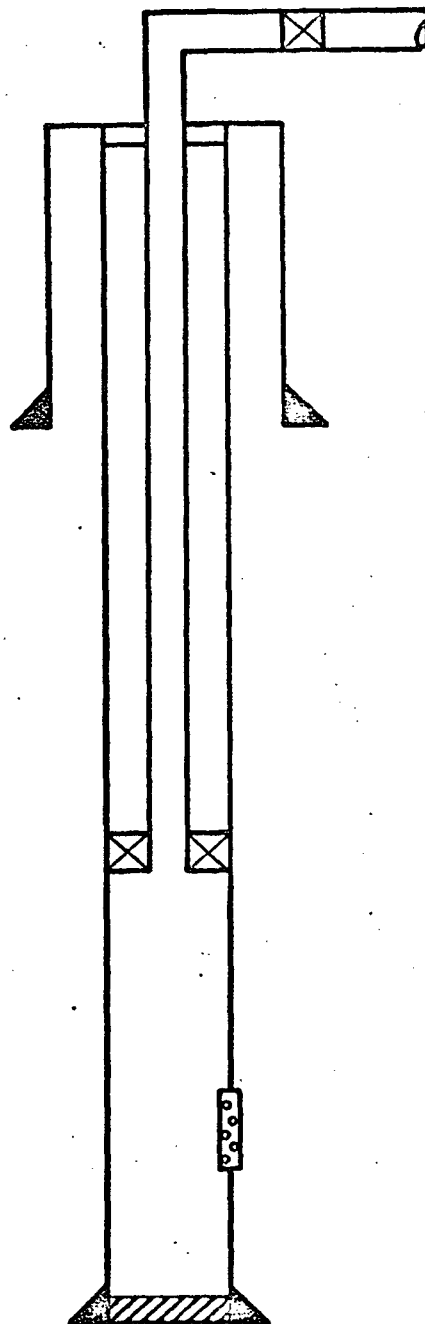
<u>WELL NAME AND NUMBER</u>	<u>LOCATION</u>
Empire Abo Unit F-332	2581.95' FNL & 150' FWL, Sec. 34, T-17S, R-28E
Empire Abo Unit F-361	1765' FNL & 1270' FEL, Sec. 34, T-17S, R-28E
Empire Abo Unit G-342	2400' FSL & 2080' FWL, Sec. 34, T-17S, R-28E

SUBMITTED 7/2/76

Empire Abo Unit K-191	1470' FEL & 1526' FSL, Sec. 1, T-18S, R-27E
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PROPOSED PRODUCING WELL DIAGRAM

Corrected Schematic



2 3/8" OD TUBING
(no internal coating)

Offset Operators to the Proposed Non-Standard
Drilling Location within the Project Area of the
Arco-Empire Abo Unit Pressure Maintenance Project

<u>Operator</u>	<u>Date of Notification</u>
1) Depco, Inc. 800 Central Odessa, TX 79761	July 2, 1976
2) Franklin, Aston and Fair, Inc. P. O. Box 1090 Roswell, NM 88201	July 2, 1976

Atlantic Richfield Company

Empire Abo Unit

Eddy County, New Mexico

<u>Well Name and Number</u>	<u>Location</u>
Empire Abo Unit "K" 191	1470' FEL & 1526' FSL, Section 1, T-18S, R-27E

**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.

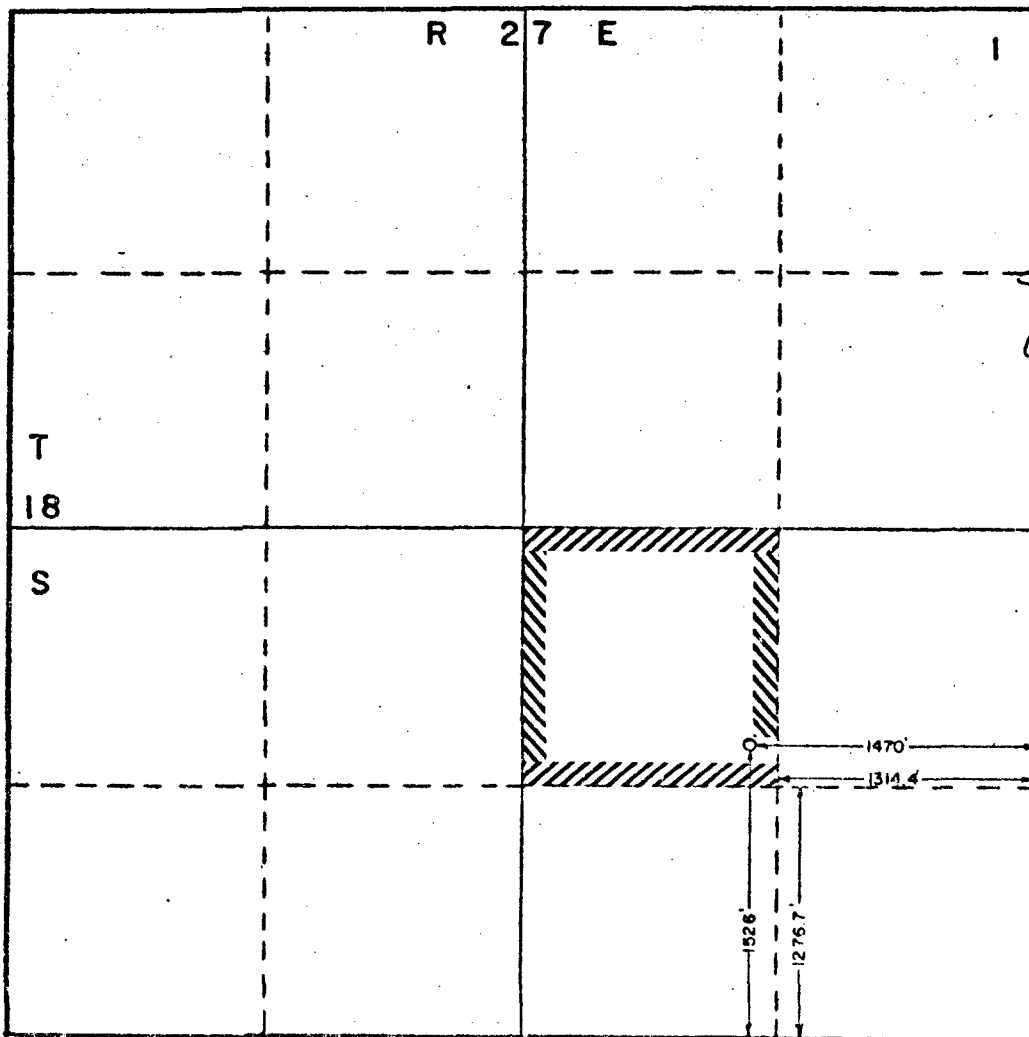
Operator ATLANTIC RICHFIELD CO.			Lease EMPIRE ABO K		Well No. 191
Unit Letter J	Section 1	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 1470 feet from the East line and 1526 feet from the South line					
Ground Level Elev. 3627.4	Producing Formation Abo Reef	Pool Empire Abo		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.

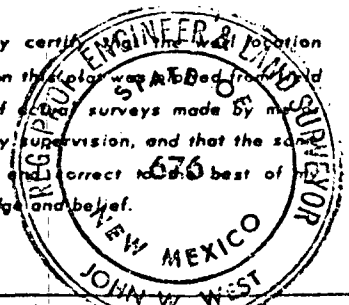


CERTIFICATION

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

Name _____
 Position _____
Drilling Supervisor
 Company
Atlantic Richfield Company
 Date
June 29, 1976

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



Date Surveyed
June 26, 1976

Registered Professional Engineer and/or Land Surveyor

John W. West
 Certificate No. **676**

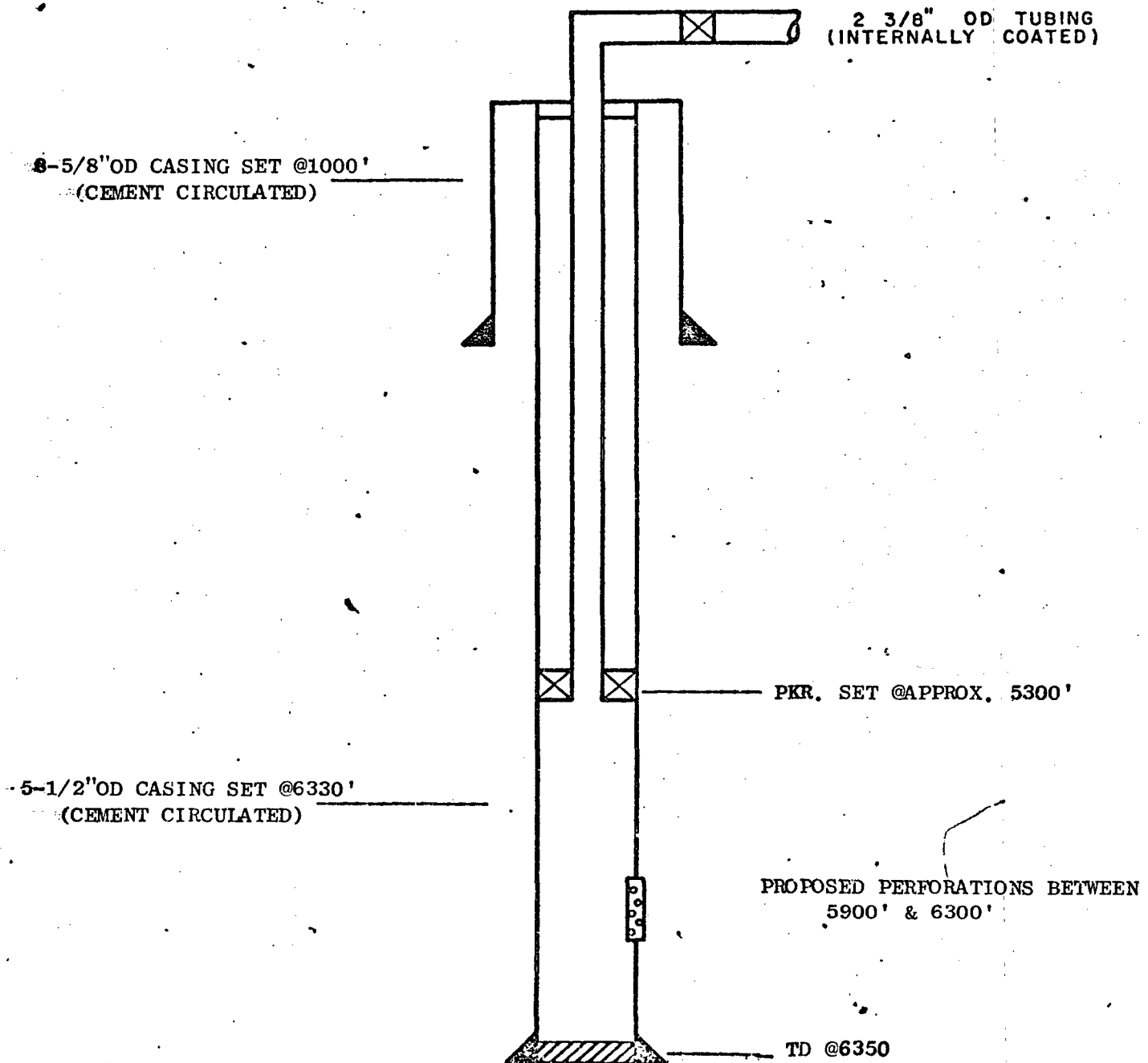
PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

EMPIRE ABO UNIT WELL K-191

1470' FEL & 1526' FSL SEC-1, T-18S, R-27E

EDDY COUNTY, NEW MEXICO



Geophysical Report

Auth



Petroleum Information

CORPORATION

A Subsidiary of F. I. Nelson Company

WEEK ENDING

JUNE 26, 1976

NEW MEXICO

DISTRICT

SHEET

#1

COMPANY	COUNTY	LOCATION	CONTR. CO.	TYPE CREW	WORKING UNDER	STATION
Atlantic	Lea	Sec 25, T21S, R35E	Co. Crew #25	"DINOSEIS"	Kirkman	Hobbs
Gulf	Lea	Sec 35, T23S, R35E	SSC Party "M"	"VIBROSEIS"	Jim Bowser	NR
Amoco	Roosevelt	T5S, R33E	TXC #355	"VIBROSEIS"	John Marshall	Portales
Amoco		MOVED TO TX	GSC #102	"VIBROSEIS"	Roger Neilson	
Phillips		MOVED TO TX	Petty-Ray #806	"VIBROSEIS"	Brasseal	

