AtlanticRichfieldCompany

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



September 1, 1975

ALL OFFSET OPERATORS

EMPIRE ABO UNIT

EDDY COUNTY, NEW MEXICO

RE: Redesignation of Unit Wells C-39, D-35, G-24, H-21, and I-18 to Gas Injection Wells

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, in accordance with Order No. R-4549-B, Rule 14 (3), under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," is hereby notifying you, as offset operator, of Atlantic Richfield Company's request before the New Mexico Oil Conservation Commission, for the redesignation of Empire Abo Unit Wells No. C-39, D-35, G-24, H-21, and I-18 to Gas Injection Wells.

Very truly yours,

J. I. Tweed

District Engineer

GAO/agp

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



September 1, 1975

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

Attention Mr. A. L. Porter, Jr.

#### Gentlemen:

Redesignation of Unit Wells C-39, D-35, G-24, H-21, and I-18 to Gas Injection Wells ARCO-Empire Abo Unit Pressure Maintenance Project Eddy County, New Mexico

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 designation of Unit Wells C-39, D-35, G-24, H-21, and I-18 to gas injection wells.

The redesignation of Unit Wells C-39, D-35, G-24, H-21, and I-18 to gas injection wells, meets all requirements of Order R-4549-B Rule 14, said wells 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 and provided that no well will be approved for gas or water injection when such well is located closer than 1650 feet to a tract which is not committed to the Unit and on which is located a well producing from the same common source of supply."

The redesignation of Empire Abo Unit Wells C-39, D-35, G-24, H-21, and I-18 is necessary to complete a more efficient injection pattern, promote the greatest ultimate recovery of reserves, prevent waste, and protect correlative rights.

Very truly yours,

J. L. Tweed

District Engineer - West Area

GAO:hr

Attachment

# OFFSET OPERATORS TO EMPIRE ABO UNIT WELLS C-39, D-35, G-24, H-21 and I-18

	Date Notif	fied
J. B. Adamson P. O. Box 186 Loco Hills, New Mexico 88255	September	1, 1975
B & D Oil Company P. O. Box 804 Hobbs, New Mexico 88240		11
Beatrice Bedingfield Drawer M Artesia, New Mexico 88210	11	**
C & K Petroleum, Inc. 607 Midland National Bank Bldg. Midland, Texas 79701	11	**
DEPCO, Inc. 800 Central Odessa, Texas 79761	. "	11
W. P. Dooley Drawer G Artesia, New Mexico 88210		**
Franklin, Aston & Fair, Inc. P. O. Box 1090 Roswell, New Mexico 88201	**	**
Kersey & Company 808 West Grand Artesia, New Mexico 88210	"	**
Larue & Muncy P. O. Box 196 Artesia, New Mexico 88210	**	**
Marbob Energy Corporation P. O. Box 304	**	. **
Artesia, New Mexico 88210  J. A. Yates 207 South Fourth Artesia, New Mexico 88210	**	11

Offset Operators to Empire Abo Unit Wells C-39, D-35, G-24, H-21, and I-18 Page 2

Date Notified

Samedan Oil Corporation 2207 Wilco Building Midland, Texas 79701

September 1, 1975

# **Insert**

# Color Page/Photo

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# LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

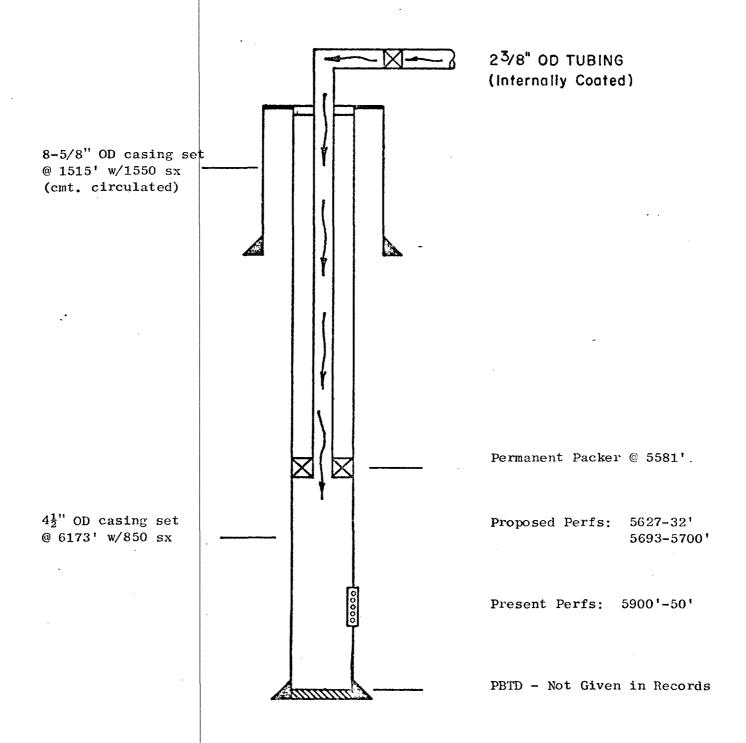
Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

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Opero		c Richfiel	d Company	,	Lease Empire Ab	o Unit I		Well No. 18
Unit	Letter	Section	Townsh	ip	Range	County		
	B 💆	1	18-	·S	27E	Edo	ly 	
Actua	il Footage Lo	teet from the	West	Maria and	660	5 h 5	North	
Grour	nd Level Elev.		ng Formation	line and	Pool	feet from the		line Dedicated Acreage:
	3611	Abo	Reef	**************************************	Empire	Abo		40 Acres
1.	. Outline tl	ne acreage de	edicated to	the subject we	ll by colored pen	cil or hachure	marks on tl	he plat below.
2.		han one leas nd royalty).	e is dedica	ted to the well	, outline each an	d identify the	ownership t	hereof (both as to working
3.				ownership is o on, force-pooli		vell, have the	interests of	all owners been consoli-
	X Yes	☐ No	If answer is	"yes;" type o	f consolidation _	Unitizat	tion	
		is "no," list if necessary.)		and tract desc	riptions which ha	ve actually be	en consolid	ated. (Use reverse side of
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	sion.		R-27-E				<del></del>	
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ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well I-18
(Formerly Amoco-US-Malco "F" #8)

1980' FWL & 660' FNL, Sec. 1, T-18-S, R-27-E
Eddy County, New Mexico
INJECTION WELL DIAGRAM



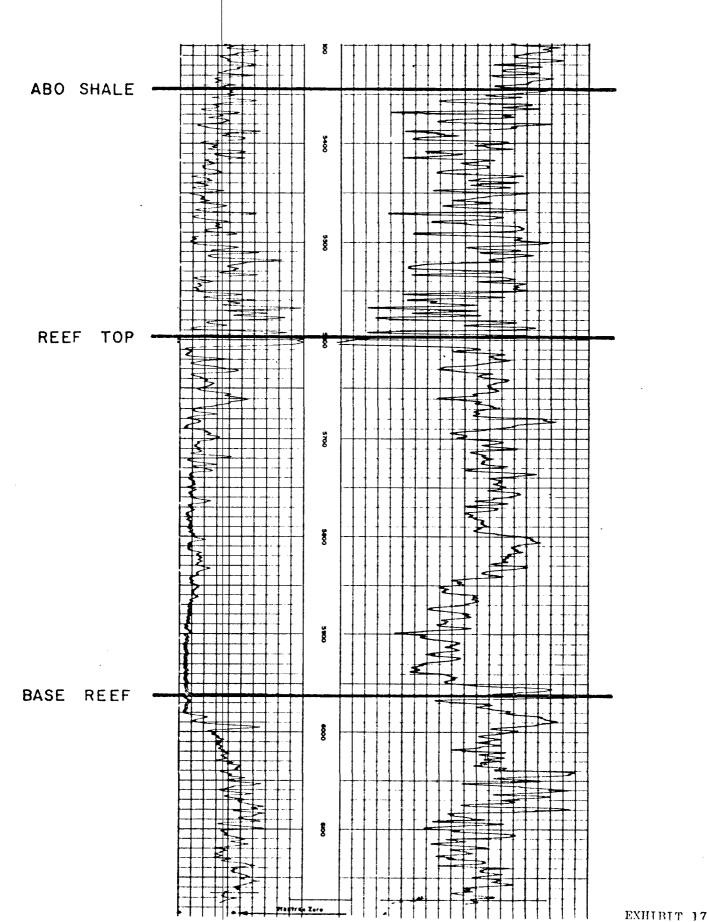
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. I 18

660' FNL 8 1980' FWL SEC. 1, T-18-S,R-27-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY — NEUTRON

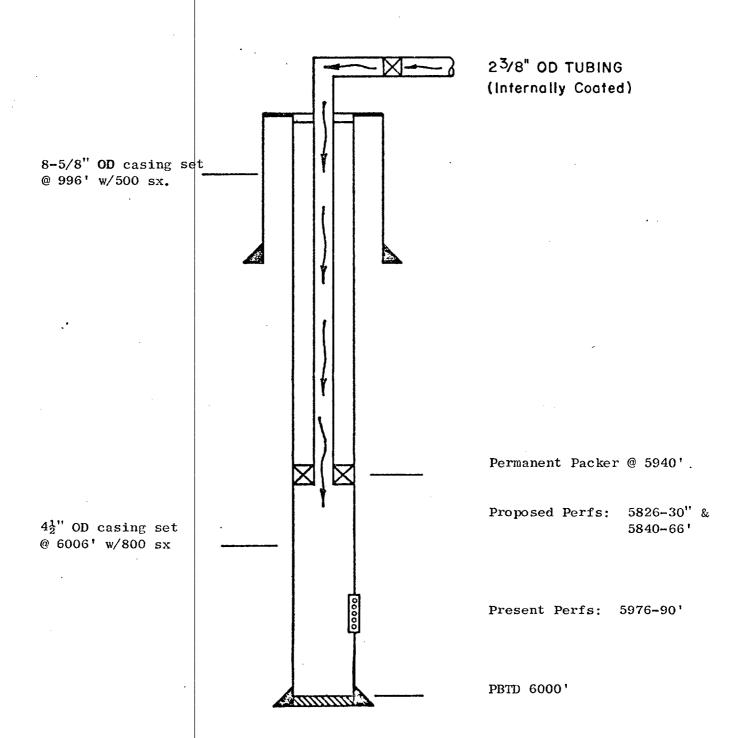


### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

		All distances must be	from the outer bow	daries of the Sect	ion.		
Operator Atlantic Ri	chfield Com	pa <b>ny</b>	Lease Empire	Abo Unit H	ł	Well No. 21	
Unit Letter Sect	1 -	ownship	Range 28	County	Eddy		
Actual Footage Location							
۱		uth line and	660	feet from th	e West	line	
Ground Level Elev.	Producing Format		Pool			Dedicated Acreage:	
3663	Abo Rec	e <b>f</b>	Emp	ire Abo		40 Acres	
1. Outline the ac	reage dedicated	to the subject w	ell by colored	pencil or hach	ure marks on t	he 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).							
		erent ownership is ization, force-pool		e well, have tl	ne interests of	f all owners been consoli-	
X Yes	No If answ	ver is "yes;" type	of consolidation	Unitiz	zation		
If answer is "i this form if nec		ners and tract des	criptions which	have actually	been consolid	ated. (Use reverse side of	
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	R-28-E				l	CERTIFICATION.	
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	1		ĺ		Date	tic Richfield Co.	
	i		1			t 20, 1975	
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660'			1		Date Survey	ved	
			! ! !		Registered and/or Lan	Professional Engineer d Surveyor	
					Certificate	No.	
9 330 660 100	1970 1550 1000		0 1800 10	1 500			

ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well H-21
(Formerly Amoco-State BE #1)
660' FSL & 660' FWL, Sec. 31, T-17-S, R-28-E
Eddy County, New Mexico
INJECTION WELL DIAGRAM



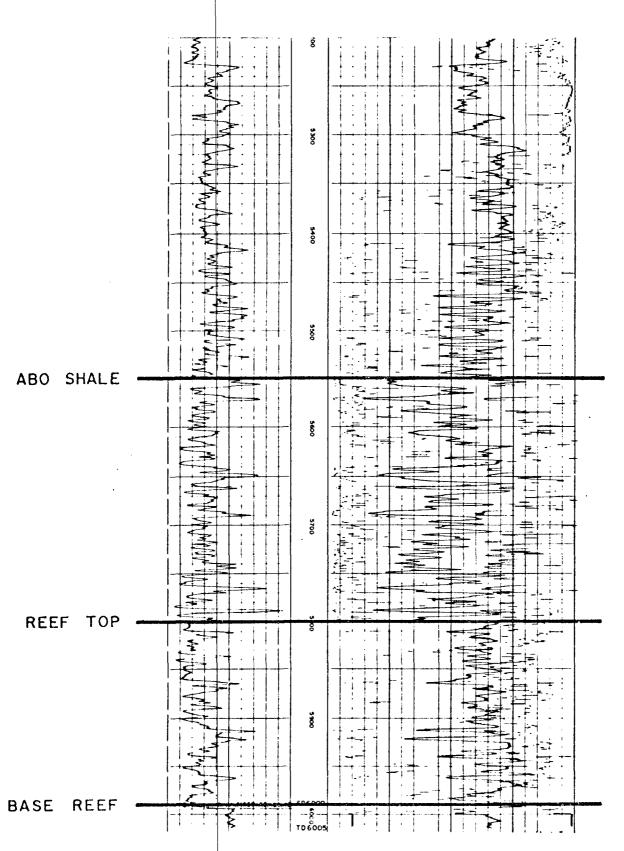
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. H 21

660' FSL & 660' FWL SEC. 31,T-17-S,R-26-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON

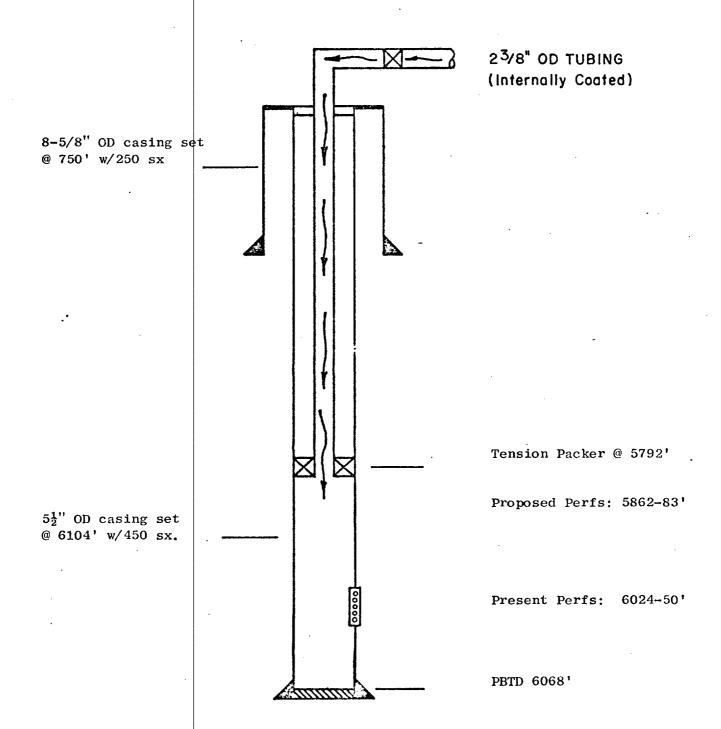


#### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

A					distances must be from the outer boundaries of the Section.							
Spen		Ric	hfield Co.		Lease Empire Abo Unit G					3	Well No. <b>24</b>	
Unit	Letter	Secti 31		Town	ship 17-S		Ran	<sub>де</sub> 28-Е	ldy			
Actual Footage Location of Well:  330 feet from the East						line and	165	0 fee	t from the	South	line	
Ground Level Elev: Producing Formation 3681 Abo Reef				Pool Pool					Dedicated Acreage: 40 Acres			
1	. Outline the	e acr	eage dedicat	ed t	the s	ubject w	ell by co	lored pencil o	r hachure	marks on th		
2	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	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?											
	X Yes		No If an	swer	is "ye	s;' type o	of consol	idationI	Initizat	ion		
	If answer i			wnei	s and	tract desc	riptions	which have ac	tually bee	en consolida	ted. (Use reverse side of	
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74		90 F			10. R					J. L.	Tweed	
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			ļ !					1		Company Atlant	ic Richfield Co.	
			1					1		Date August	20, 1975	
									1650,	shown on to notes of a under my s 30 is true an knowledge	rofessional Engineer	
	330 440									Certificate N	0.	

# ATLANTIC RICHFIELD COMPANY Empire Abo Unit Well G-24 (Formerly Hondo-Western-Yates-State "A" #9) 330' FEL & 1650' FSL, Sec. 31, T-17-S, R-28-E Eddy County, New Mexico INJECTION WELL DIAGRAM



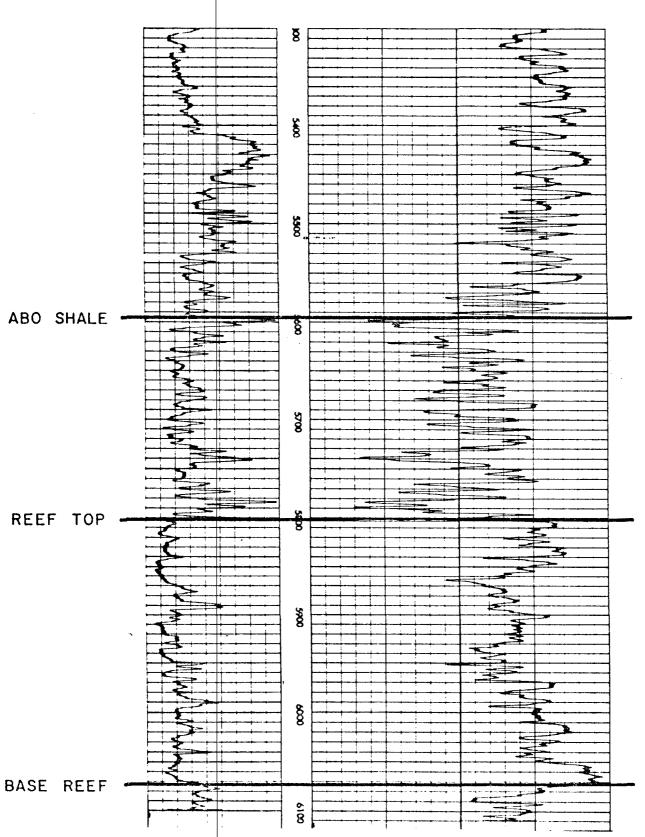
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. G 24

1650' FSL & 330' FEL SEC. 31,T-17-S,R-28-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON



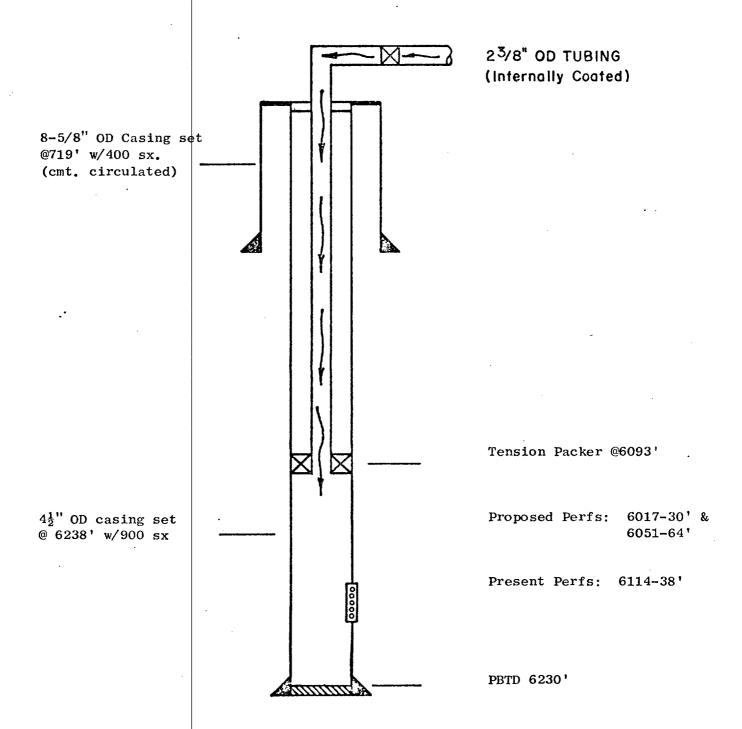
#### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Sperator Atlantic Richfield Compar			ny	Leas	Empire Abo U	Init	D		Well No.	
Unit Letter	_		nship		Range County					
<b>E</b> 0	<u> </u>	27		17-S	<u> </u>	28-E		Eddy		
Actual Footage Loc			out	1 line and		1980 feet	t from the	East		line
Ground Level Elev:		Producing For		1	Pool			Dedicated Acreage:		
3672		Abo Ree				Impire Abo				40 Acres
1. Outline th	e acı	reage dedica	ted	to the subject we	ell by	colored pencil of	r hachure	marks on th	e plat	below.
2. If more than one lease is dedicated to the well, outline each and interest and royalty).						lline each and ide	ntify the	ownership th	nereof	(both as to working
				ent ownership is ation, force-pooli			have the	interests of	all o	wners been consoli-
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# ATLANTIC RICHFIELD COMPANY Empire Abo Unit Well D-35 (Formerly Samedan-Walker-State #1) 330' FSL & 1980' FEL Sec. 27, T-17-S, R-28-E Eddy County, New Mexico INJECTION WELL DIAGRAM



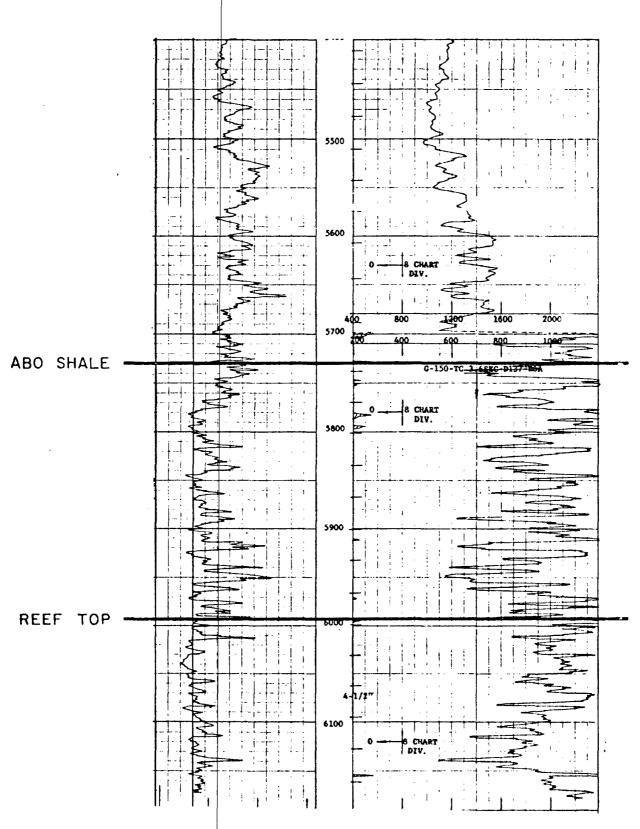
Empire Abo Unit Well No. D 35

330' FSL & 1980' FEL SEC. 27,T-17-S,R-28-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY — NEUTRON

ATLANTIC RICHFIELD COMPANY



#### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

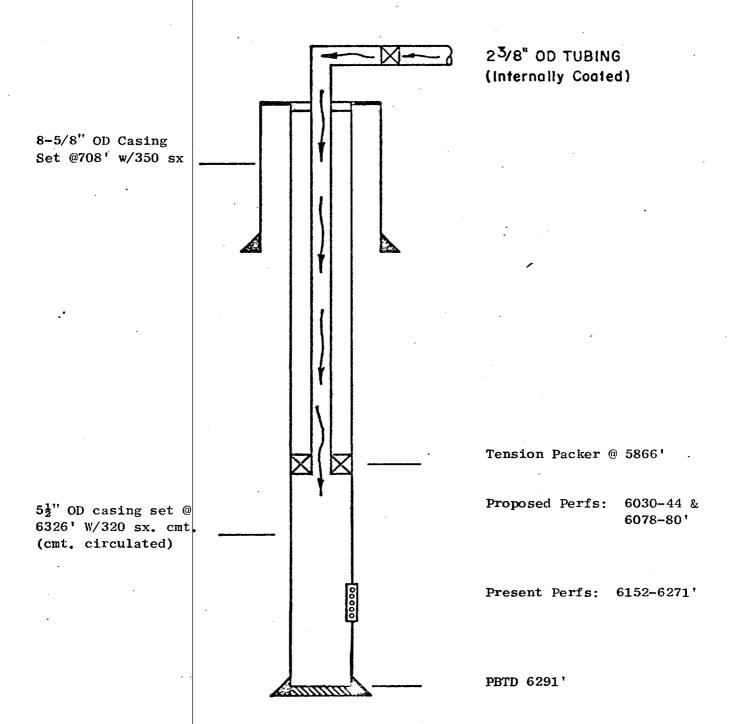
Form C-102 Supersedes C-128 Effective 1-1-65

	All distances must be	from the outer boundaries of the S	ection.				
Operator Atlantic Richfield Comp	any	Legse Empire Abo Unit	"c"	Well No. 39			
Unit Letter Section To	wnship 17-S						
Actual Footage Location of Well:		1000	774				
1650 feet from the Sou	11116 (111)	1980 feet from		line			
Ground Level Elev: Producing Format  3663 Abo R		Empire Abo	Dedicated Acreage:				
} <del></del>	<del></del>			Acres			
Outline the acreage dedicated     If more than one lease is de interest and royalty).				•			
3. If more than one lease of different dated by communitization, unit	zation, force-pool	ing. etc?		all owners been consoli-			
X Yes No If answ	er is "yes," type o	of consolidation <u>Unit</u>	lzation				
If answer is "no," list the own this form if necessary.)	<u> </u>						
No allowable will be assigned to forced-pooling, or otherwise) or sion.	until a non-standar						
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		     	tained here best of my	ertify that the information con- in is true and complete to the knowledge and belief.			
		 	Name J. L.	Tweed			
		i !	Position Distri	ict Engineer			
				tic Richfield Co.			
		1	Date August	20, 1975			
			shown on the notes of acunder my s	certify that the well location his plat was plotted from field ctual surveys made by me or upervision, and that the same d correct to the best of my and belief.			
			Date Surveyed	<del> </del>			
	1 3 4		Registered Prand S	rofessional Engineer Surveyor			
0 330 660 '20 1320 1650 1980 2	1	1500 1000 500	Certificate No	o.			

## ATLANTIC RICHFIELD COMPANY Empire Abo Unit Well C-39

(Formerly Hondo-Western-Yates-State "A" #24) 1650' FSL & 1980' FEL Sec. 26, T-17-S, R-28-E

Eddy County, New Mexico INJECTION WELL DIAGRAM



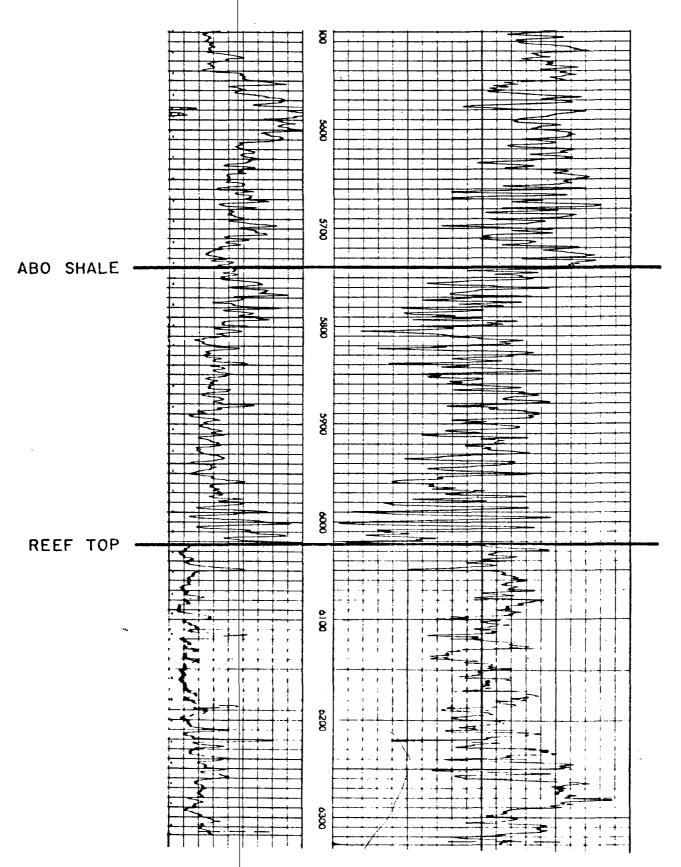
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. C 39

1650' FSL & 1980' FEL SEC. 26, T-17-S, R-28-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON



### OIL CONSERVATION COMMISSION OTHER DISTRICT

OIL CONSERVATION	COMMISSION		DATE	9-5-	75	
BOX 2088						······································
SANTA FE, NEW MEX	tco		RE:			
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