

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

April 4, 1978





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

Attn: Mr. J. D. Ramey

Re: Request for 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, 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 25 Unit wells at non-standard locations shown on the attached Exhibit 1.

The proposed non-standard locations meet 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."

The proposed drilling of these wells is 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,

ATLANTIC RICHFIELD COMPANY

J. L. Tweed,

District Engineer

IJN/agp

cc: Mr. Bill Gressett

New Mexico Oil Conservation Commission

Artesia, New Mexico

#### AtlanticRichf fldCompany

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

April 4, 1978

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

Attn: Mr. J. D. Ramey

Re: Notification of Offset Operators to
Proposed Non-Standard Drilling Locations
Within the Project Area of the ARCOEmpire Abo Unit
Pressure Maintenance Report
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," has notified all offset operators of the proposed non-standard locations with a complete application.

Attached are names and addresses of the offset operators to the proposed non-standard location and the date that they were notified.

Very truly yours

J. L. Tweed District Engineer

IJN/agp

ALL OFFSET OPERATORS to the

PROPOSED NON-STANDARD DRILLING LOCATIONS WITHIN THE PROJECT AREA OF THE ARCO-EMPIRE ABO UNIT PRESSURE MAINTENANCE PROJECT

All the following offset operators were notifed by registered mail April 4, 1978

DEPCO, Inc. 800 Central Odessa, Texas 79761

C. E. LaRue &
B. N. Muncy, Jr.
P. O. Box 196
Artesia, New Mexico 88210

C. O. Fulton
P. O. Box 1121
Artesia, New Mexico 88210

Herman Ledbetter 874 Amarillo Abilene, Texas 79602

J. B. Adamson P. O. Box 727 Artesia, New Mexico 88210

American Petrofina Co. of Texas P. O. Box 1311 Big Spring, Texas

Brunham and Company P. O. Box 257 Artesia, New Mexico 88210

Franklin, Aston, and Fair, Inc. P. O. Box 1090 Roswell, New Mexico 88201

Kincaid & Watson Drlg. Co. P. O. Box 498 Artesia, New Mexico 88210

William E. Jeffers P. O. Box 65 Artesia, New Mexico 88210

B & D Oil Company P. O. Box 804 Hobbs, New Mexico

Yates Drilling Company 207 South Fourth Artesia, New Mexico 88210

Marbob Energy Corporation Artesia, New Mexico 88210

## EXHIBIT 1

# ATLANTIC RICHFIELD COMPANY EMPIRE ABO UNIT PHASE V

UNIT WELL	LOCATION					ELEV G.L.
F-362	1850' FNL & 350' FEL	Sec.	34,	T-178,	R-28E	3674.6'
F-352	FNL &	Sec.	34,	T-178,	R-28E /	3670,31
F-353	FNL & 2350'	Sec.	34,	T-17S,	R-28E /	3661,4'
F-322	& 500° J	Sec.	33,	T-17S,	R-28E /	3665, 2'
G-333	જ	Sec.	34,	T-178,	R-28E /	3660,27
G-313	FSL & 2450'		33,	T-17S,	R-28E	3662,5
H-312	815' FSL & 2525' FEL	Sec.	33,	T-178,	R-28E	3664,91
H-302	1250' FSL & 1925' FWL	Sec.	33,	T-17S,	R-28E	3670.9'
H-303	800' FSL & 1340' FWL	Sec.	33,	T-178,	R-28E/	3665.61
H-294	1200' FSL & 700' FWL	Sec.	33,	T-17S,	R-28E/	3666,21
H-295	700' FSL & 10' FWL	Sec.	33,	T-178,	R-28E /	3666.4'
H-281	200' FSL & 660' FEL	Sec.	32	T-178,	R-28E /	3663, 4'
1-291	200' FNL & 350' FWL	Sec.	4,	T-18S,	R-28E	3662,7
1-283	175' FNL & 300' FEL	Sec.	ຜ	T-18S,	R-28E	3661.0'
J-234	1900' FNL & 2441' FEL	Sec.	9	T-18S,	R-28E /	3677.6
- J-212	1900' FNL & 100' FWL	Sec.	9	T-18S,	R-28E	3649,7'
J-213	1950' FNL & 1300' FWL	Sec.	9	T-18S,	R-28E	3647.8'
- J-214	2450' FNL & 400' FWL	Sec.	9	T-18S,	R-28E	3650.1'
J-203	2400' FNL & 700' FEL	Sec.	<b>—</b>	T-18S,	R-27E/	3650,91
✓ K-193	2150' FSL & 2450' FEL	Sec.	<b>–</b>	T-18S,	R-27E	3635, 41
K-194	1500' FSL & 2130' FEL	Sec.	Ή,	T-18S,	R-27E/	3618,37
- L-154	750' FSL & 2550' FEL	Sec.	7	T-18S,	R-27E	3553,4'
L-142	100' FSL & 1950' FWL	Sec.	8	T-18S,	R-27E /	3555,6'
L-143	1200' FSL & 1900' FWL	Sec.	8	T-18S,	R-27E /	3528,01
M-132	625' FNL & 175' FWL	Sec.	11,	T-18S,	R-27E /	3540,61

**AtlanticRichfieldCompany** 

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



July 28, 1978

Energy & Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501 JUL-31 1578

Attn: Mr. Joe Ramey

Re: Request for a change in Administrative Order NSL-937 Non-Standard Drilling Locations within the Project Area of ARCO-Empire Abo Unit, Eddy County, New Mexico

Gentlemen:

Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, acting on behalf of itself and other working owners, requests an amendment of administrative order NSL-937 dated April 26, 1978, inasmuch as the following:

- a. Unit well <u>J-213</u> located 1950' FNL & 1300' FWL, Section 6, T-185, R-28E is deleted
- b. Unit well <u>J-214</u> located 2450' FNL & 400' FWL, Section 6, T-18S, R-28E will be renamed "J-213"
- c. Unit well L-154 previously located at 750' FSL & 2550' FEL of Section 2, T-18S, R-27E is moved to a new location at 800' FSL & 2500' FEL of Section 2, T-18S, R-27E
- d. Unit well K-193 previously located at 2150' FSL & 2450' FEL of Section 1, T-18S, R-27E is moved to a new location at 2490' FSL & 2200' FEL of Section 1, T-18S, R-27E
- e. Unit well 1-261 is added at a location 1080' FNL & 1914' FWL Section 5, T-18S, R-28E

The above changes meet 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."

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Energy & Minerals Department

July 28, 1978 Page 2

The proposed drilling of these wells is necessary in order 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

IJN:ns

cc: Mr. Bill Gressett

New Mexico Oil Conservation Commission

Artesia, New Mexico

## OIL CONSERVATION COMMISSION artisia DISTRICT

hst. 937

OIL CONSERVATION BOX 2088 SANTA FE, NEW ME	الروه مسوقيهن الرواني الروانية	RE:	Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:			
I have exam	ined the application dated	H-C	1-78
for the atlante	c fichfield Co. Stator Lease a	ee attacy	hed list
		nd Well No	. Unit, S-T-R
and my recommend	ations are as follows:		
copprove	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
***************************************			
energy of the second se	n - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	You	rs very truly,
		_//	W. a. Gressett

APR 5

1978

ARTESIA, OFFICE

## EXHIBIT 1

ATLANTIC RICHFIELD COMPANS EMPIRE ABO UNIT PHASE V	
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M-132	L-143	L-142	L-154	K-194	K-193	J-203	J-214	J-213	J-212	J-234	I-283	I-291	H-281	H-295	H-294	H-303	H-302	H-312	G-313	G-333	F-322	F-353	F-352	F≓362	ÞÈ.	UNIT WELL
625' FNL & 175' FWL	1200' FSL & 1900' FWL	100' FSL & 1950' F	750' FSL & 2550' F	1500' FSL & 2130'	2150' FSL & 2450'	2400' FNL & 700' F	2450' FNL & 400' F	1950' FNL & 1300'	1900' FNL & 100' F	1900' FNL & 2441'	175' FNL & 300' FEL	200' FNL & 350' FWL	200' FSL & 660' FEL	700' FSL & 10' FWL	1200' FSL & 700' F	800' FSL & 1340' F	1250' FSL & 1925'	815' FSL & 2525' F	2000' FSL & 2450'	2100' FSL & 1100'	2480' FNL & 500' F	2400' FNL & 2350'	1330' FNL & 1980'	1850' FNL & 350' F		LOCATION
	_	FWL Sec.	FEL Sec.	FEL Sec.	FEL Sec.	FEL Sec.	FWL Sec	FWL Sec.	FWL Sec.	FEL Sec.	L Sec.	L Sec.	L Sec.	Sec	FWL Sec.	FWL Sec.	FWL Sec.	FEL Sec.	FEL Sec.	FWL Sec.	FEL Sec.	FEL Sec.	FEL Sec.	FEL Sec		
c. 11,	2	c. 2,	c. 2,	c. 1,	c. <u>1</u> ,	c. 1,	c. 6,	c. 6,	c. 6,	c. 6,	с. 5	c. 4,	c. 32	c. 33,	c. 33,	c. 33,	c. 33,	c. 33,	c. 33,	c. 34,	c. 33,	c. 34,	c. 34,	c. 34,		
T-18S,	T-18S,	, T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-18S,	T-17S,	T-178,	T-17S,	T-17S,	T-17S,	T-17S,	T-17S,	T-17S,	T-17S,	T-17S,	T-17S,	T-17S,		
R-27E	R-27E	R-27E	R-27E	R-27E	R-27E	R-27E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E	R-28E		
3540,6'	3528.0'	3555.6'	3553.4'	3618.3	3635, 4	3650.9'	3650.1'	3647.8'	3649.7'	3677.6'	3661.0'	3662.7'	3663, 4'	3666,4'	3666.2'	3665.6'	3670.9'	3664.9'	3662.5'	3660.2'	3665, 2'	3661.4'	3670.3'	3674.6		ELEV G.L.

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

All distances must be from the outer boundaries of the Section l egge Operator Atlantic Richfield Co. Empire Abo Unif - F Township Romae County CONSER Section Unit Letter 17 South 34 28 East Actual Footage Location of Well: 1850 North 350 feet from the feet from the Ground Level Elev. Producing Formation Dedicuted Acreage: 3674.6 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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. 1.3J. Natour Fesition Operations Engineer 350 Atlantic Richfield Company March 22, 1978 I hereby certify that the well location shown on this plat was plotted from field under my supervision, and that the same true, and correct to the best of my knowledge and belief December 19, 1977 Registered Professional Engineer zertiticaté No.

660

Form CF102 Supersedes C-128

All distances must be from the outer boundaries of the Section Operator Atlantic Richfield Co Empire Abo Unit Township Range 'Init Letter County 17 South 28 East Eddy Actual Footage Location of Well: 1330 North 1980 East feet from the line and teet from the Ground Level Elev. Producing Formation Dedicated Acreage: 3670.3 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? If answer is "yes," type of consolidation \_\_\_\_Unitization X Yes 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 Natour I. J. Operations Engineer Company Atlantic Richfield Co. March 22, 1978 I hereby certify that the well location shown on this plat was plotted from field under my supervision, and that the same true and correct to the best of my knowledge and belief March 17, 1978 Registered Professional Engineer and/or Land Surveyor 676

1000

500

Ronald J. Eidson

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Ronald J. Eidson

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

All distances must be from the outer boundaries of the Section CONSERVATI Empire Abo Unit # F Atlantic Richfield Co. Township Unit Letter Section 17 South 28 East Eddy G 34 Actual Footage Location of Well: **2**350 East 2400 North line and feet from the feet from the Ground Level Elev. Producing Formation Dedicated Acreage: 3661.4 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? Unitization TX Yes 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 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. I. J. : Natour Position Operations Engineer Company Atlantic Richfield Company 260'-March 22, 1978 201 I heraby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or is true and correct to the best of my knowledge and belief. March 17, 1978 Date Surveyed Registered Professional Engineer 676

Form C-102 Supersedes C-128 R C C 1978

Operator		All distances ladar de la	Lease	- NONSER	Well-No.
	ic Richfield Co	Township	Empire Range	Abo Unit # F S.	100 N CO 322
'Init Letter	Section 33	1:7 South	28 East	Edd	*
Actual Footage Loc 2480	ation of Well:	North line and	500 tee	et from the <b>East</b>	line
Ground Level Elev.	Producing For		Pool		Dedicated Acreage:
3665.2					Acres
1. Outline th	e acreage dedica	ted to the subject we	ll by colored pencil o	or hachure marks on t	he plat below.
interest a	nd royalty).				hereof (both as to working
		lifferent ownership is d unitization, force-poolin		have the interests o	f all owners been consoli-
XYes	No If a	nswer is "yes" type of	consolidation	Unitiz	ation
	is "no," list the f necessary.)	owners and tract desci	riptions which have a	ctually been consolid	ated. (Use reverse side of
No allowa	ble will be assign				nmunitization, unitization, approved by the Commis-
				T	CERTIFICATION
	e E		ì		CERTIFICATION
			1	I hereby	certify that the information con-
	1		i		erein is true and complete to the
	1		\ 		ny knowledge and belief.
	1		1	0 8 Nome	f. Malsur
<u> </u>	+			1	Natour
	1		İ	Position	4 T 4
	1		i 	Company	ions Engineer
	į				ic Richfield Company
	l i		1	Date March	22 1078
	l		132	\$-500   March	22, 1978
	ı				
	! !		THE CONTRACTOR	l l	certify that the well location
	i		CONTENT & CANA	1 1	this plat was plotted from field actual surveys made by me or
	!		STATE OF STATE	1 1	supervision, and that the same
	1		E E	. [ ]	and correct to the best of my
	+		676	knowledg	e and belief.
	i		1 co   5	/    <sub>\ \</sub>	March 17, 1978
	1		OMEN TO	Date Survey	
	l I	· · · · · · · · · · · · · · · · · · ·	OAN W. WEST	Davies d	Desfarational Part
	i		1	and/or Lan	Professional Engineer 1 Surveyor
					Solv West
G 33C 660	90 1320 1650 198	0 2210 2240		Coffificate	No. John W. West 676
- 33C 86U	90 1320 1650 198	0 2310 2640 2000	1500 1000 8	00 0	Ronald J. Eidson 3239

WELL LOCATION AND ACREAGE DEDICATION PLAT - 0 0 1978

Atlantic Richfield Co.    Second   Second   Township	<u> </u>		T y	eq.5e		Well No.
Lectural transfers Localition of Well:  2100 teet from the South tane and 1100 teet from the West tone  3650.2 Producing Formation  3650.2 Producing Formation  3650.2 Producing Formation  3650.2 Producing Formation  2 If more than one lease is dedicated to the subject well by colored pencil or hacher marks on the plat below.  2 If more than one lease of different ownership 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?  X Yes  No If answer is "yes." type of consolidation	Operator Atlant	tic Richfield Co	•	Empire Ab	o Unit - G	
2100 text from the South the early 1100 text from the early 1100 text from 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 1. J. Natour  Poolution  Operations Engineer  Company  Allantic Richfield Company  Source of the first of the best of my knowledge and belief.	Unit Letter	1	·			<del>-</del>
2100 test from the South inne man 1100 test from the West Inne man 3660.2 Producing Formation Pool Desicated Accessed Accessed 260 Producing Formation Accessed Acces	<u> </u>	1	17 South	28 East	<u> </u> Edo	<u>Y</u>
Desirated Acresses 3660.2   Desirated Acresses 3660.2   Acres   Acre	1	_	outh line and	1100 tes	et from the West	line
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						<del></del>
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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:  I. J. Natour  Position  Operations Engineer  Company  Atlantic Richfield Company  One of the certify that the well location shown on this plan was platted from field notes at a catual surveys mode by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	1. Outline th	ie acreage dedica	ted to the subject well	by colored pencil	or hachure marks on	the plat below.
dated by communitization, inforce-pooling, etc?  X 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  I. J. Natour  Position  Operations Engineer  Company  Atlantic Richfield Company  Done  March 22, 1978  I hereby certify that the well lacation shown on this plat was platted 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.	interest a	nd royalty).				
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  I. J. Natour  Position  Operations Engineer  Company  Atlantic Richfield Company  Date  March 22, 1978  I hereby certify that the well lacation 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.	I .				have the interests	of all owners been consoli-
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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  I. J. Natour  Position  Operations Engineer  Company  Atlantic Richfield Company  Date  March 22, 1978  I hereby certify that the well location shown on this plat was platted 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.			1 1			
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Date Surveyed		-00		676	P Dec	ember 19, 1977
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Certificate No.					Certificate	No. 676
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Form ¢-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Empire Abo Unit & GENERALL Atlantic Richfield Co. Township Section County Unit Letter 33 28 East Eddy 17 South Actual Footage Location of Well: 2000 South East line and Ground Level Elev. Producing Formation Dedicated Acreage: 3662.5 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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. I. J. Natour Operations Engineer Atlantic Richfield Company March 22, 1978 I hernby 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. March 15, 1978 Registered Professional Engineer and/or Land Surveyor

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John W.

Ronald J. Eidson

R CG 1978 Form C-1102 Supersedes C-128 Effective 1-1-65

Ronald J. Eidson

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perator Empire Abo Unit 312 Atlantic Richfield Co. Township Ronge Init Letter Eddy 28 East 17 South Actual Footage Location of Well: East 815 South line and feet from the Dedicated Acreage: Producing Formation Ground Level Elev. 3664**.9** 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? If answer is "yes," type of consolidation \_\_\_ XYes 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. Natour I. J. Position Operations Engineer Atlantic Richfield Company March 22, 1978 I hereby certify that the well-focation notes of actual surveys made by me or is true and correct to the best knowledge and belief March 15, 76 Date Surveyed Registered Professional Engineer and/or Land Surveyor John W. 676

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Form C-102 CO 1978Supersedes C-128 CO 1978Ettective 1-1-65

Ronald J. Eidson

All distances must be from the outer boundaries of the Section Cherator # H Empire Abo Unit Atlantic Richfield Co. Range Unit Letter Eddy 17 South 28 East 33 Actual Footage Location of Well: 1925 West 1250 South line and feet from the teet from the Producing Formation Ground Level Elev. Dedicated Acreage: 3670.9 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? If answer is "yes," type of consolidation Unitization X Yes 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 I. J. Natour Position Operations Engineer Atlantic Richfield Company March 22, 1978 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me ar under my supervision, and that the same is true and correct to the best of my knowledge and belief. March 15, 1978 Registered Professional Engineer John W. West 676

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

John W.

Ronald J. Eidson

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All distances must be from the outer boundaries of the Section Empire Abo Unit# H Atlantic Richfield Co. Township Range Section Unit Letter 17 South **28** East 33 Actual Footage Location of Well: 1340 West South 800 line and feet from the Dedicated Acreage: Ground Level Elev. Producing Formation 3665.6 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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. I. J. Nätour Operations Engineer Company Atlantic Richfield Company March 22, 1978 hereby certify that the well location shown on this plat was platted 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. March 15, 1978 Date Surveyed Registered Professional Engineer and/or Land Surveyor

Form C-102
Supersedes C-128
G 197Effective 1-1-65

All distances must be from the outer boundaries of the Section Empire Abo Unit # H Atlantic Richfield Co. Section Township Unit Letter Eddy 17 South 28 East 33 M Actual Footage Location of Well: 700 West 1200 South feet from the feet from the Ground Level Elev. Pool Dedicated Acreage: Producing Formation 3666.2 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of 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. I. J. Natour Position Operations Engineer Attrantfc, Richfield Company March 22, 1978 I hereby certify that the well location shown on this plat was plotted from field under my supervision, and that the same knowledge and belief. 700 March 15, 1978 Date Surveyed Registered Professional Engineer John W. 676

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Ronald J. Eidson

All distances must be from the outer boundaries of the Section Empire Abo Unit # Atlantic Richfield Co. Township Unit Letter 28 East Eddy 17 South 33 М Actual Footage Location of Well: 10 West **700** South line and teet from the feet from the Ground Level Elev. Pool Producing Formation Dedicated Acreage: 3666.4 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? If answer is "yes," type of consolidation \_\_\_\_\_\_\_ Unitization X Yes 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. J. Natour Operations Engineer Atlantic Richfield Company March 22, 1978 I heraby certify that the well-location shown on this plat was plotted from field under my supervision, and that the same knowledge and belief. March 15, 1978 Date Surveyed 10 Registered Professional Engineer 676 2000

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Ronald J. Eidson

All distances must be from the outer boundaries of the Section Lease Operator Empire Abo Unit # H 281 Atlantic Richfield Co. Township Unit Letter Section Range 32 17 South 28 East Eddy Actual Footage Location of Well: 660 200 East feet from the line and teet from the Producing Formation Pool Ground Level Elev. Dedicated Acreage: 3663.4 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? Unitization No If answer is "yes," type of consolidation \_ X Yes 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 I. J. Natour Position Operations Engineer Atlantic Richfield Company March 22, 1978 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. March 15, 1978 Date Surveyed Registered Professional Engineer 200 John W. 676

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

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antic Richfield			pire Ab		SEN WETT NO. 291
Section 4	Township 18 South	Range 28 E	ast	County	ddy
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	<del> </del>	Pool			Dedicated Acreage:
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			e well, i	nave the interests o	f all owners been consoli-
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1 2251		<b>!</b>			CERTIFICATION
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f f		1		Position	ions Engineer
		1		Company	ic Richfield Company
1		; ; !		March	22, 1978
             	REG. PROG.	STATE OF MEXICO	SURVEYOR	shown on nates of under my is true of knowledg  Mc Date Survey	Professional Engineer
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Ronald J. Eidson

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Form C-102 Supersedes C-128 Effective 1-1-65 1978

		All distances must be from		the Section	Well No.
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That Letter	Section 5	Township 18 South	Range 28 East	County	Eddy
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	+			_ 🚽 📗	Name I. J. Natour
	l		1	2472	Position
	l I		1		Operations Engineer
	i		İ		Company Atlantic Richfield Company
	1		} \$		Date
			i		March 22, 1978
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	İ				notes of actual surveys made by me or under my supervision, and that the same
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	, 1	JOHN W. WEST			March 15, 1978  Date Surveyed
			 	2	Registered Professional Engineer and/or Land Surveyor
			) 		John W West
					Cartificate No. John W. West 676
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Supersedes C-128

All distances must be from the outer boundaries of the Section Atlantic Richfield Co. Empire Abo Unit # Township Section Unit Letter 18 South G **2**8 East Eddy Actual Footage Location of Well: 1900 North 2441 East teet from the Ground Level Elev. Dedićated Acreage: Producing Formation 3677,6 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization No X Yes 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. Natour 160'-Operations Engineer Atlantic Richfield Company March 22, 1978 I heraby certify that the well location shown on this plat was plotted from field under my supervision, and that the same knowledge and belief. March 17, 1978 Registered Professional Engineer and/or Land Surveyor 676

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Ronald J. Eidson

Form C-102
10 (0 1978 Supersedes C-128
Effective 1-1-65

Ronald J. Eidson

All distances must be from the outer boundaries of the Section Atlantic Richfield Co. Empire Abo Unit # 212 Section Township Unit Letter 18 South 28 East Eddy Actual Footage Location of Well: 1900 100 line and West feet from the feet from the Ground Level Elev. Producing Formation Dedicated Acreage: 3649.7 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? No If answer is "yes," type of consolidation \_ Unitization X Yes 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. Natour J. Position Operations Engineer Company Atlantic Richfield Company March 22, 1978 I heraby 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 some knowledge and belief. March 16, 1978 Registered Professional Engineer John 676

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John W. West

Ronald J. Eideon

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WELL LOCATION AND ACREAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section Operator Empire Abo Unit # J Atlantic Richfield Co. 213 Township Unit | etter 18 South 28 East Eddy 6 Actual Footage Location of Well: 1300 West 1950 North feet from the feet from the Ground Level Elev. Producing Formation Pool Dedicated Acreage: 3647.8 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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. Natour J. Operations Engineer 1300 1423 Atlantic Richfield Company March 22, 1978 I hereby certify that the well location shown on this plat was plotted from field under my supervision, and that the same true and correct to the bast of my knowledge and beliaf. March 16, 1978 Date Surveyed Registered Professional Engineer and/or Land Surveyor

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

Ronald J. Eidson

All distances must be from the outer boundaries of the Section Empire Abo Unit # J Atlantic Richfield Co. Township Section Range County Unit Letter F 6 18 South 28 East Eddy Actual Footage Location of Well: 400 2450 West feet from the line and feet from the Ground Level Elev. Producing Formation Dedicated Acreage: 3650.1 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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 I. J. Natour Position Operations Engineer Atlantic Richfield Company March 22, 1978 400 <del>23</del>23 -210 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by is true and correct to the best of my knowledge and belief. March 16, 1978 Registered Professional Engineer and/or Land Surveyor 676

Form C-102 Supersedes C-128

John W. West

Ronald J. Eidson

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All distances must be from the outer boundaries of the Section Legse Operator Empire Abo Unit # January Atlantic Richfield Co. 203 Township Section Range County Unit Letter 18 South 27 East Eddy Actual Footage Location of Well: 2400 North 700 East feet from the line and teet from the line Ground Level Elev. Producing Formation Dedicated Acreage: 3650.9 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? Unitization If answer is "yes," type of consolidation \_ X Yes 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 Name I. J. Natour Operations Engineer Atlantic Richfield Company 1938 700 March 22, 1978 1253 I heraby certify that the well location shown on this plat was plotted from field is true and correct to the best of my March 16, 1978 Date Surveyed Registered Professional Engineer

2000

1500

1000

500

CC 1978

Ronald J. Eidnon

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

All distances must be from the outer boundaries of the Section Containing! Empire Abo Unit # K 193 Atlantic Richfield Co. Township Ronge Unit Letter 18 South 27 East Eddy Actual Footage Location of Well: 2450 2150 South East feet from the line and Ground Level Elev. Producing Formation Dedicated Acreage: 3635.4 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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 Operations Engineer Atlantic Richfield Company March 22, 1978 I hereby certify that the well location 187 shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same true and correct to the best of my knowledge and belief. 50 March 16, 1978 Registered Professional Engineer and/or Land Surveyor John W. West 676 330 1320 1660

Form C 102 Supersedes C-128

		<del></del>	to the outer boundaries of		· · · · · · · · · · · · · · · · · · ·
Operator Atlan	tic Richfield (		Empire Al	oo Unit - Jungen	Well No.
Init Letter J	Section	Township 18 South	Range 27 East	County	
Actual Footage Loc	ation of Well:	_		_	
1500	feet from the	South line and		eet from the	ast line
Ground Level Elev.	Producing F	ormation	Pool `		Dedicated Acreage:
3618.3	e acreage dedic	cated to the subject wel	l by colored pencil	or hachure marks on t	he plat below.
2. If more th	4.	•			thereof (both as to working
		different ownership is de unitization, force-poolin		, have the interests o	f all owners been consoli-
Yes Yes	□ No If	answer is "yes," type of	consolidation	Unitization	
this form i No allowat	f necessary.) ole will be assig	ned to the well until all	interests have been	consolidated (by con	nmunitization, unitization, approved by the Commis-
			ı	<del></del>	CERTIFICATION
	+		ATE ON THE SURVEY	Name I. J. Position	certify that the information con- prein is true and complete to the my knowledge and belief.  Natour  ions Engineer
	1		MEXICO	Atlant	ic Richfield Co.
	         		2130'	shown on nates of under my is true	certify that the well location this plat was plotted from field actual surveys made by me or supervision, and that the same and carrect to the best of my se and belief.
	 	1500		Registered and/or Lan	3/29/78 Professional Engineer
330 860 19	90 1320 1650 19	80 2310 2640 2000	1500 1000 1	Certificate 1	And I for

Form G-102 Supersedes C-12 Effective 1-1-65

All distances must be from the outer boundaries of the Section Well No... Operator Atlantic Richfield Co. Empire Abo Unit # L 154 Township Section Unit Letter 18 South 27 East Eddy Actual Footage Location of Well: 750 2550 East feet from the Ground Level Elev. Producing Formation Pool Dedicated Acreage: 3553.4 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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 I. J. Natour Operations Engineer Atlantic Richfield Company March 22, 1978 I heraby 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 true and correct to the best of my March 16, 1978 90' 2550 Registered Professional Engineer John 676

50Q

R US 1978

Ronald J. Eidson

3239

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

All distances must be from the outer boundaries of Empire Abo Unit # Atlantic Richfield Co. 142 Township Unit Letter County 2 18 South 27 East Eddy N Actual Footage Location of Well: 100 1950 West South feet from the Ground Level Elev Producing Formation Dedicated Acreage: 3555.6 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? Unitization If answer is "yes," type of consolidation \_\_\_ X Yes 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 Name I. J. Natour Position Operations Engineer Company Atlantic Richfield Company March 22, 1978 I heraby certify that the well location shown on this plat was plotted from field under my supervision, and that the same knowledge and belief. March 16, 1978 Date Surveyed Registered Professional Engineer John 676

2000

Form C-102
1978 Supersedes C-128
Ettective 1-1-65

Ronald J. Eidson

3239

All distances must be from the outer boundaries of the Section Sperator Atlantic Richfield Co. Empire Abo Unit # Township Section Range Init Letter 2 18 South 27 East Eddy Actual Footage Location of Well: 1200 South 1900 West line and teet from the Ground Level Elev. Producing Formation Dedicated Acreage: 3528.0 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? If answer is "yes," type of consolidation \_\_\_\_\_\_ Unitization X Yes 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 Name I. J. Natour Position Operations Engineer Company Atlantic Richfield Company March 22, 1978 I hernby certify that the well-location shown on this plat was plotted from field under my supervision, and that the same is true and correct to the best of my knowledge and belief. March 16, 1978 Date Surveyed Registered Professional Engineer Certificate No 676

1500

7 0 0 1978 Supersedes C-128
Effective 1-1-65

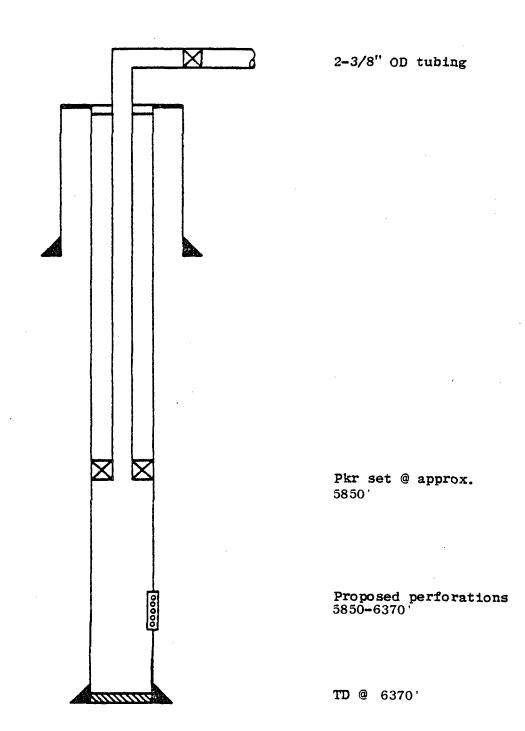
All distances must be from the outer boundaries of the Section Well No. ... 1.edse Atlantic Richfield Co. Empire Abo Unit # 132 Section Township Init Letter 18 South D 27 East Eddy Actual Footage Location of Well: 625 North 175 West teet from the line and teet from the Ground Level Elev. Producing Formation Pool Dedicated Acreage: 3540.6 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? Unitization X Yes 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 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. I. J. Natour Position Operations Engineer Atlantic Richfield Company March 22, 1978 I hereby certify that the well location shown on this plat was platted from field is true and correct to the best of my knowledge and belief. March 16, 1978 Date Surveyed Registered Professional Engineer John W.

#### PROPOSED PRODUCING WELL DIAGRAM

#### ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-362 1850' FNL & 350' FEL, Sec. 34, T-17S, R-28E

Eddy County, New Mexico



8-5/8" casing set @ 750' (cmt. circ.)

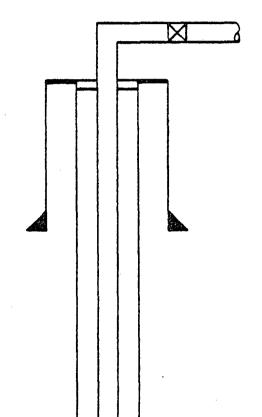
5-1/2" casing set @ 6370' (cmt. circ.)

#### PROPOSED PRODUCING WELL DIAGRAM

#### ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-352 1330' FNL & 1980' FEL, Sec. 34, T-17S, R-28E

Eddy County, New Mexico



2-3/8" OD tubing

8-5/8" casing set @ 600' (cmt. circ.)

Pkr set @ approx. 5850'

5-1/2" casing set @ 6275' (cmt. circ.) Proposed perforations 5900-6275'

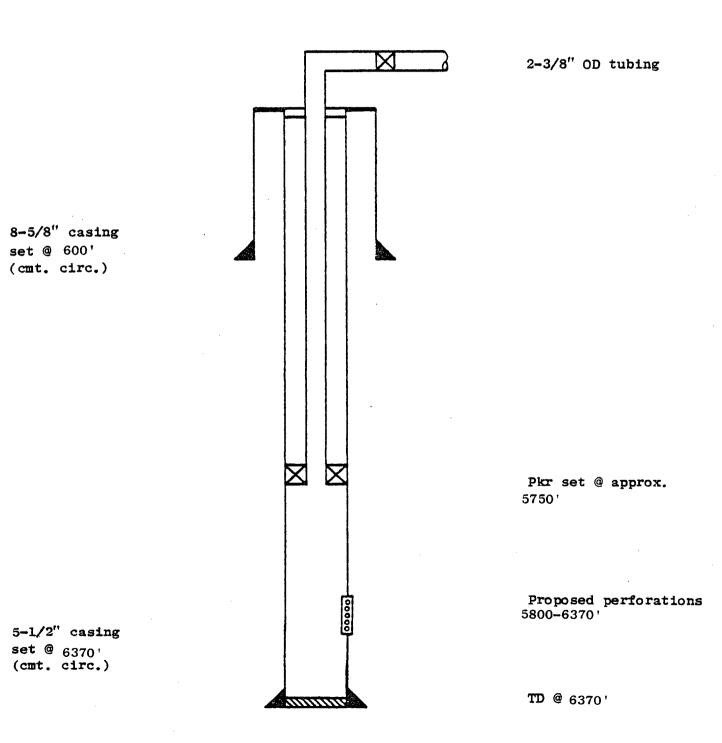
TD @ 6275'

#### PROPOSED PRODUCING WELL DIAGRAM

#### ATLANTIC RICHFIELD COMPANY

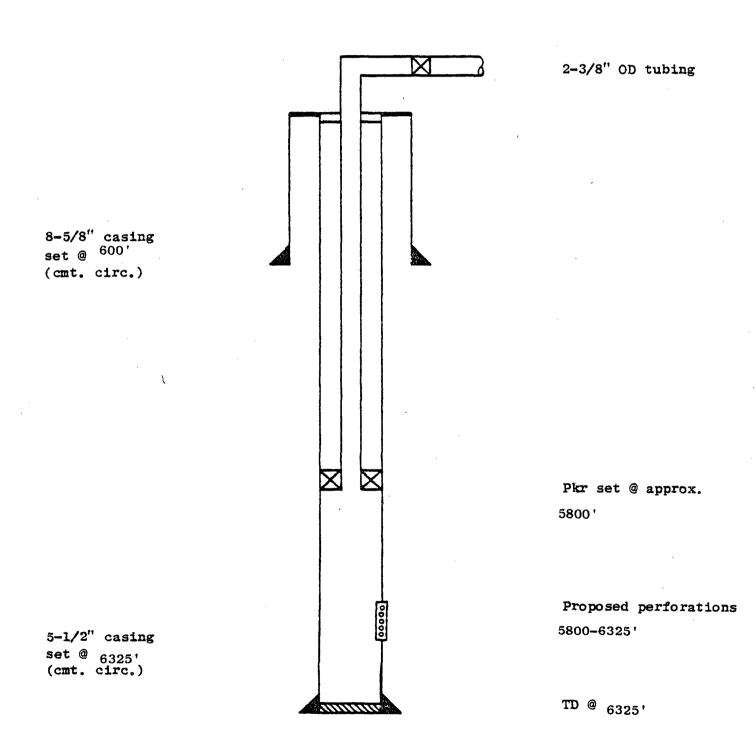
Empire Abo Unit Well F-353 2400' FNL & 2350' FEL, Sec. 34, T-17S, R-28E

Eddy County, New Mexico



### ATLANTIC RICHFIELD COMPANY

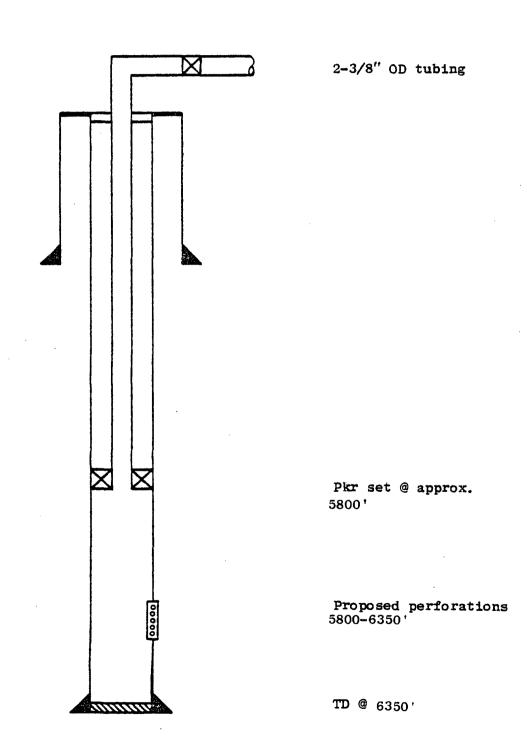
Empire Abo Unit Well F-322
2480' FNL & 500' FEL, Sec. 33, T-17S, R-28E
Eddy County, New Mexico



# ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well  $_{G-333}$  2100' FSL & 1100' FWL, Sec. 34, T-17S, R-28E

Eddy County, New Mexico



8-5/8" casing set @ 600' (cmt. circ.)

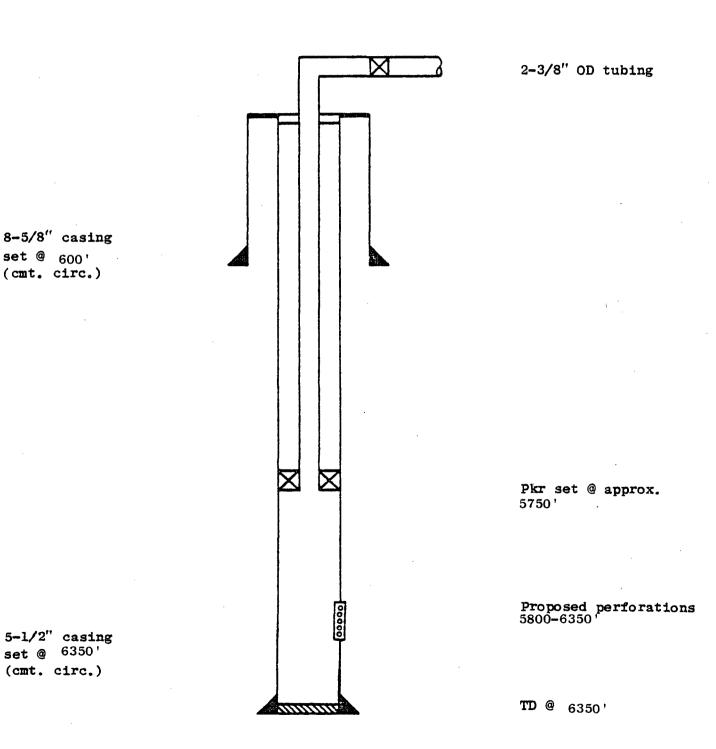
5-1/2" casing set @ 6350' (cmt. circ.)

### ATLANTIC RICHFIELD COMPANY

set @ 600'

Empire Abo Unit Well G-313

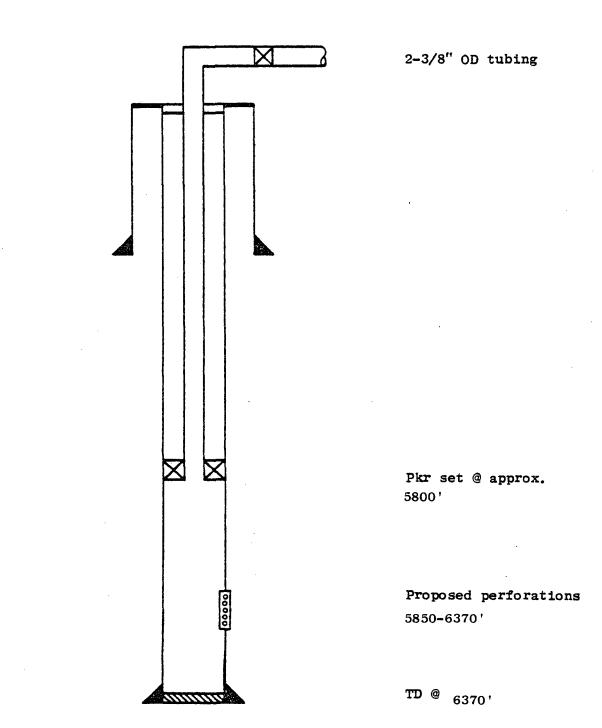
2000' FSL & 2450' FEL, Sec. 33, T-17S, R-28E Eddy County, New Mexico



## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-312 815' FSL & 2525' FEL, Sec. 33, T-17S, R-28E

Eddy County, New Mexico



8-5/8" casing set @ 600' (cmt. circ.)

5-1/2" casing set @ 6370' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well  $_{H-302}$  1250' FSL & 1925' FWL, Sec. 33, T-175, R-28E

Eddy County, New Mexico

2-3/8" OD tubing Pkr set @ approx. 5700' Proposed perforations 5800-6300' TD @ 6300'

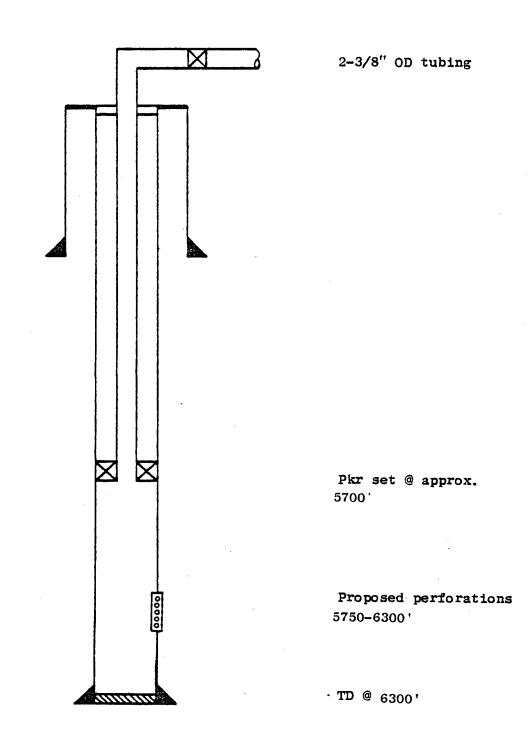
8-5/8" casing set @ 600' (cmt. circ.)

5-1/2" casing set @ 6300' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well  $_{H-303}$  800' FSL & 1340' FWL, Sec. 33, T-175, R-28E

Eddy County, New Mexico



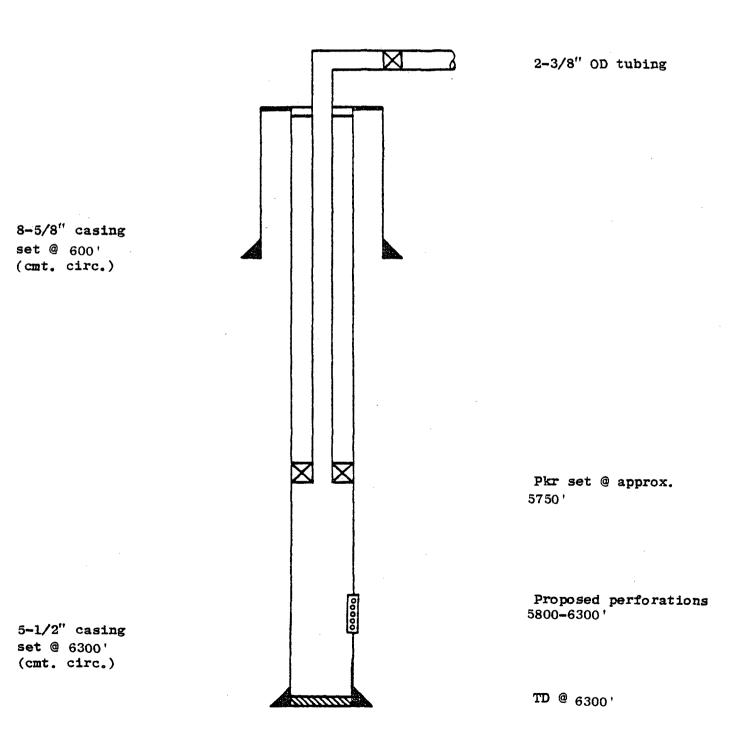
8-5/8" casing set @ 600' (cmt. circ.)

5-1/2" casing set @ 6300' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-294

1200' FSL % 700' FWL, Sec. 33, T-17S, R-28E Eddy County, New Mexico



## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-295

700' FSL & 10' FWL, Sec. 33, T-17S, R-28E Eddy County, New Mexico

2-3/8" OD tubing Pkr set @ approx. 5700 ' Proposed perforations 5750-6300' TD @ 6300' .

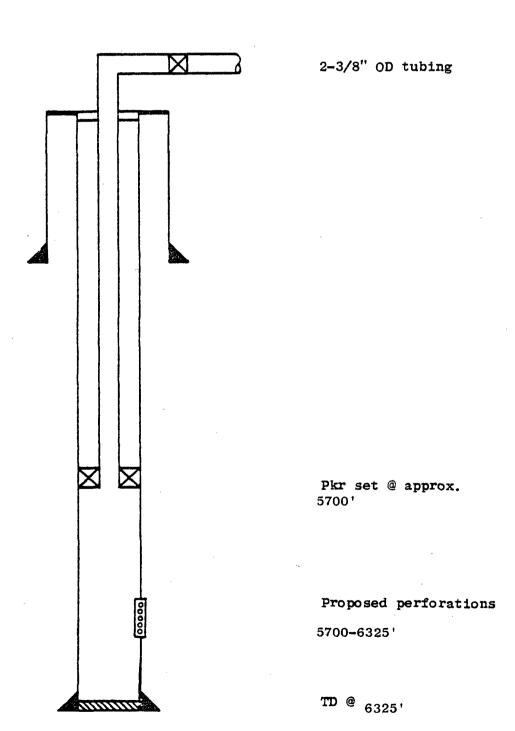
8-5/8" casing set @ 600' (cmt. circ.)

5-1/2" casing set @ 6300' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-281

200' FSL & 660' FEL, Sec. 32, T-17S, R-28E Eddy County, New Mexico



8-5/8" casing set @ 600' (cmt. circ.)

5-1/2" casing set @ 6325' (cmt. circ.)

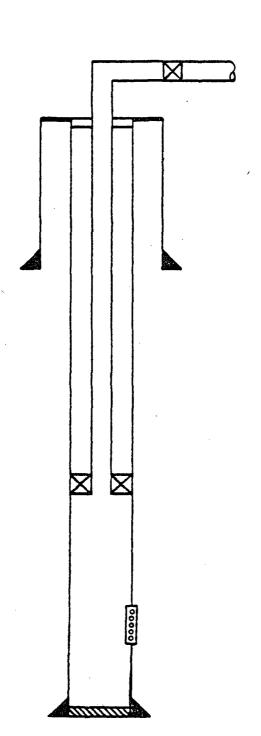
## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well I-291

200' FNL & 350' FWL, Sec. 4, T-18S, R-28E Eddy County, New Mexico

8-5/8" casing set @ 600' (cmt. circ.)

5-1/2" casing set @ 6350' (cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.

5900'

Proposed perforations

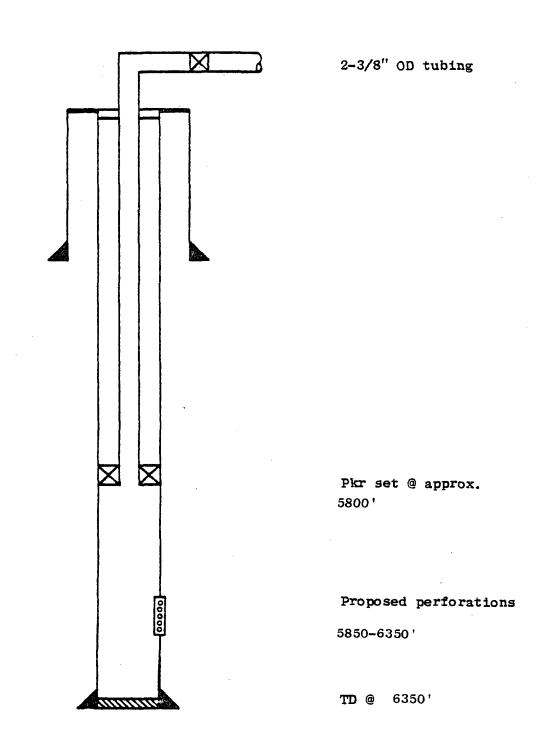
5950-6350'

TD @ 6350'

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well I-283

175' FNL & 300' FEL, Sec. 5, T-18S, R-28E Eddy County, New Mexico



8-5/8" casing set @ 550' (cmt. circ.)

5-1/2" casing set @ 6350' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-234

1900' FNL & 2441' FEL, Sec. 6, T-18S, R-28E Eddy County, New Mexico

2-3/8" OD tubing Pkr set @ approx. 5700' Proposed perforations 5800-6250' TD @ 6250'

8-5/8" casing set @ 550' (cmt. circ.)

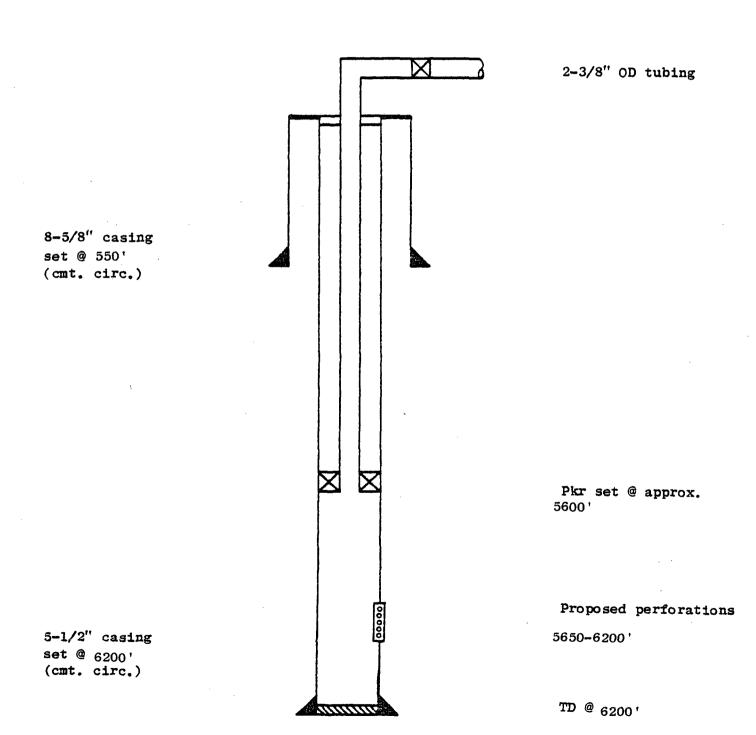
5-1/2" casing set @ 6250' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-212

1900' FNL & 100' FWL, Sec. 6, T-18S, R-28E

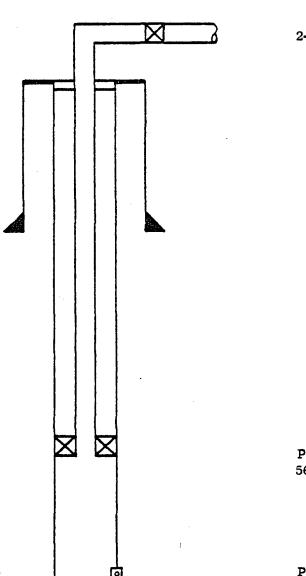
Eddy County, New Mexico



## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-213

1950' FNL & 1300' FWL, Sec. 6, T-18S, R-28E Eddy County, New Mexico



2-3/8" OD tubing

8-5/8" casing set @ 550' (cmt. circ.)

5-1/2" casing set @ 6200' (cmt. circ.) Pkr set @ approx. 5600'

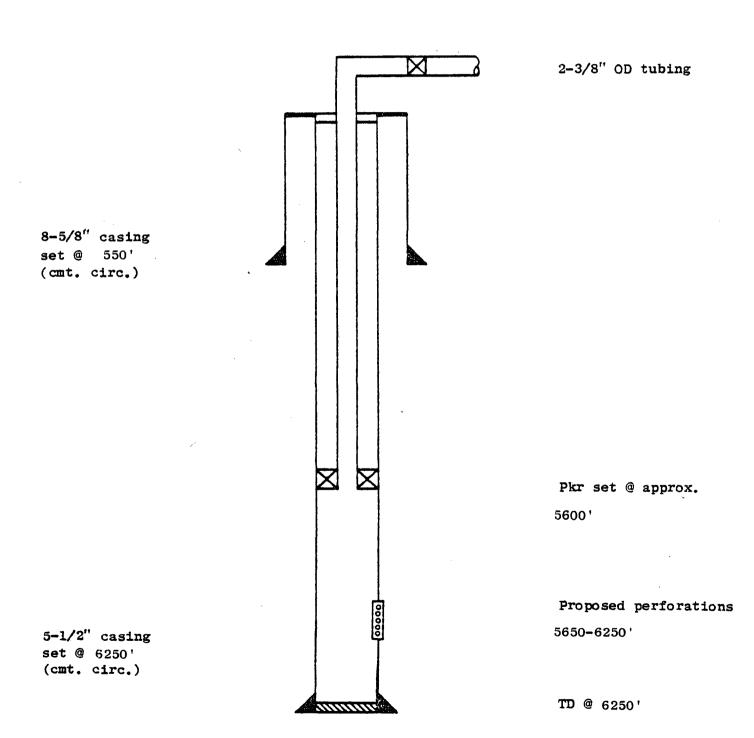
Proposed perforations 5650-6200'

TD @ 6200'

#### ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-214

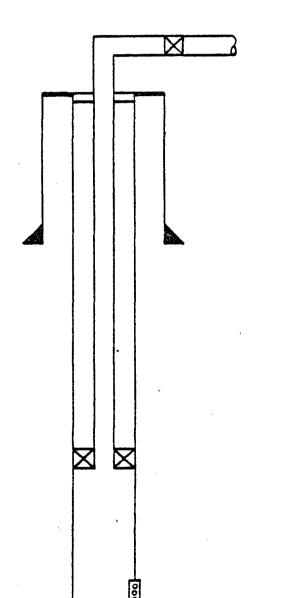
2450' FNL & 400' FWL, Sec. 6, T-18S, R-28E Eddy County, New Mexico



### ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-203

2400' FNL & 700' FEL, Sec. 1, T-18S, R-27E Eddy County, New Mexico



2-3/8" OD tubing

5-1/2" casing set @ 6225'

(cmt. circ.)

8-5/8" casing set @ 1000' (cmt. circ.)

Pkr set @ approx.

5600'

Proposed perforations 5650-6225'

TD @ 6225'

### ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-193

2150' FSL & 2450' FEL, Sec. 1, T-18S, R-27E Eddy County, New Mexico

2-3/8" OD tubing Pkr set @ approx. 58501 Proposed perforations 5900-62251 TD @ 6225'

8-5/8" casing set @ 1000' (cmt. circ.)

5-1/2" casing set @ 6225' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-194

1500' FSL & 2130' FEL, Sec. 1, T-18S, R-27E

Eddy County, New Mexico

2-3/8" OD tubing Pkr set @ approx. 60001 Proposed perforations 6050-6300'

TD @ 6300'

8-5/8" casing set @ 1000' (cmt. circ.)

5-1/2" casing set @ 6300' (cmt. circ.)

## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-154
750' FSL & 2550' FEL, Sec. 2, T-18S, R-27E

Eddy County, New Mexico

2-3/8" OD tubing Pkr set @ approx. 5**7**50' Proposed perforations 5800-6200' TD @ 6200'

8-5/8" casing set @ 1000' (cmt. circ.)

5-1/2" casing set @ 6200' (cmt. circ.)

## ATIANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-142

100' FSL & 1950' FWL, Sec. 2, T-18S, R-27E

Eddy County, New Mexico

Pkr set 5850'

2-3/8" OD tubing

5-1/2" casing set @ 6200' (cmt. circ.)

8-5/8" casing set @ 1000' (cmt. circ.)

Pkr set @ approx. 5850'

Proposed perforations

5900-62001

TD @ 6200'

# ATLANTIC RICHFIELD COMPANY

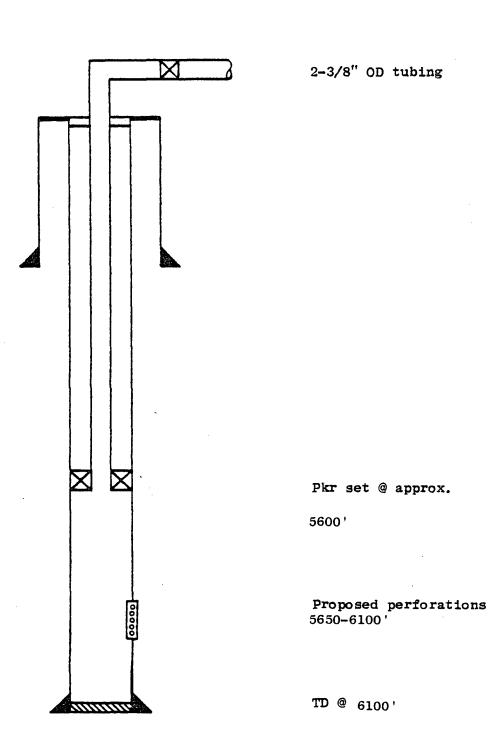
Empire Abo Unit Well L-143

1200' FSL & 1900' FWL, Sec. 2, T-18S, R-27E

Eddy County, New Mexico

8-5/8" casing set @ 1000' (cmt. circ.)

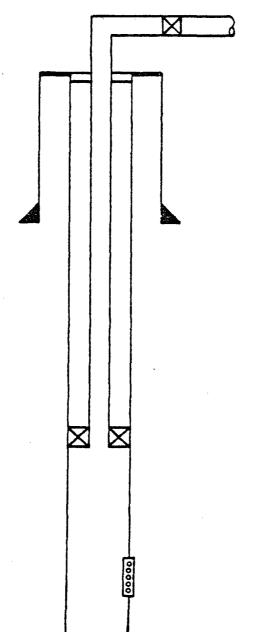
5-1/2" casing set @ 6100' (cmt. circ.)



## ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-132

625' FNL & 175' FWL, Sec. 11, T-18S, R-27E Eddy County, New Mexico



2-3/8" OD tubing

Pkr set @ approx. 5900 '

Proposed perforations 5950-62001

TD @ 6200'

5-1/2" casing set @ 6200' (cmt. circ.)

8-5/8" casing set @ 1000' (cmt. circ.)