

COUNTY	LEA	FIELD	Langlie Mattix	DATE	NM
PR	ARCO OIL & GAS CO.			NPI	30-025-25070
4	LEASE	Andrews, Duthie "WN" Com.		MAP	
	Sec 19, T23S, R37E			COORD	
	660 FNL, 1980 FEL of Sec			RE	11-1-30 NM
	9 mi SW/Eunice			RESPD	12-30-80
SG				RE	1-18-81
8 5/8-418-300 SX	WELL CLASS: INIT DX FIN DO			LSE. CODE	
4 1/2-3700-350 SX	FORMATION	DATUM	FORMATION	DATUM	
2 3/8-3646					
	TD 3700 (QUEN)			PBD 3695	

IP (Queen) Perfs 3386-3684 P 7 BOPD + 7 BW. Pot based on 24 hr test. GOR 20,428; gty (NR)

CONTR OPRSELEV 3328 GL sub-s

11-2-81 F.R.C. 11-7-81 OWWO
PD 3695 WO (Queen)
(Orig. Atlantic Richfield Co. #4 Andrews, Duthie
"WN" Com. cmp 11-27-75 thru (Queen) Perfs
3463-3606, OTD 3700, OPB 3673)
TD 3700; PBD 3695; Complete
DO to 3695
Perf (Queen) @ 3386, 3390, 3394, 3398, 3436, 3440,
3446, 3452, 3456, 3483, 3487, 3561, 3566, 3570,
3575, 3583, 3588, 3618, 3621, 3630, 3634, 3638,
3642, 3648, 3652, 3656, 3660, 3666, 3679, 3684
Acid (3386-3684) 3000 gals
Frac (3386-3684) 18,000 gals gel + 15,000
gals CO₂ + 57,000# sd
11-7-81 COMPLETION ISSUED

11-1-30 NM
1C 30-025-70606-81

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COUNTY	LEA	FIELD	Langlie Mattix	STATE	NM
OPR	ATLANTIC RICHFIELD CO.			API	30-025-25070
2	4	LEASE	Andrews, Duthie WN Com.	SERIAL	1-5-17 NM
	Sec 19, T-23-S, R-37-E			MAP	
	660' ENL, 1980' FEL of Sec			CO-ORD	
	9 mi S & 1 mi W/Eunice			ELEV	
	8-3-75	CMP	11-27-75	FIN	DC
SND				WELL CLASS:	INT.
CSG				FORMATION	DATUM
	8 5/8" at 418' w/300 sx				
	4 1/2" at 3700' w/350 sx				
				TD	3700' (QUEEN)
				PBD	3673'
IP (Queen) Perf 3463-3606' F 574 MCF/DPD + 3 PD + 3 KW. Pdc base on 24 hr test thru 48/64" chb. GOR 191,333; Grav 38.6; CP Pkr; IP 80#					
				OPR'S ELEV	3328' CL
				PD	3700' RT

E.R. 7-21-75
 (Seven Rivers)
 1-31-76 AMEND FIELD NAME: Formerly reported as Jalmat
 8-4-75 Drlg 925'
 8-11-75 TD 3700'; MORT
 8-18-75 TD 3700'; PBD 3673'; Swbd Ld
 Perf (Yates) @ 2895', 2900', 2905', 2910', 2915',
 2920', 2925', 2930', 2940', 2945', 2950', 3020',
 3025', 3030', 3035' w/1 SPI
 Acid (2895-3035') 1500 gals
 Swbd 10 BW in 1 hr (2895-3035')
 Acid (2895-3035') 2500 gals
 8-26-75 TD 3700'; PBD 3673'; SI
 Swbd 1/2 BW in 4 hr (2895-3035')
 Frac (2895-3035') 20,000 gals wtr + 40,000# sd
 Swbd dry (2895-3035')

1-5-17 NM

8-28-75 TD 3700'; PBD 3673'; Prep TO Pmp
9-8-75 TD 3700'; PBD 3673'; SI
Ppd 3 BLW in 24 hrs (2895-3035')
9-15-75 TD 3700'; PBD 3673'; SI
9-29-75 TD 3700'; PBD 3673'; SI
11-10-75 TD 3700'; PBD 3673'; Prep Sqze
11-17-75 ID 3700'; PBD 3673'; Prep Swab
Sqzd 2895-3035' w/100 sx
DO to 3673'
Perf (Queen) @ 3463', 3467', 3492', 3495',
3508', 3511', 3514', 3517', 3520', 3523',
3595', 3603', 3606' w/1 SPI
Acid (3463-3606') 1500 gals
Frac (3463-3606') 15,000 gals wtr + 37,500# sd
1-5-17 NM

12-1-75 TD 3700'; PBD 3673'; SD Repairs
Flwd 574 MCFGPD + 3 RW + 3 RW thru 48/64"
chk, TP 80# (3463-3606')
12-8-75 TD 3700'; PBD 3673'; WO OCC Pot
1-26-76 TD 3700'; PBD 3673'; Complete
LOG TOPS: Rustler 1172', Salt 1270', Base
Salt 2167', Yates 2756', Queen 3433'
1-31-76 COMPLETION ISSUED

1-5-17 NM

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form 2
Revised 1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ARCO Oil and Gas Company			Lease DUTHIE ANDREWS WN COM		Well No. 4
Unit Letter B	Section 19	Township 23S	Range 37E	County NMPM LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the EAST line					
Ground level Elev. 3327.6	Producing Formation YATES SEVEN RIVERS		Pool JALMAT GAS TANSILL		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes

☐ No

If answer is "yes" type of consolidation **COMMUNITIZATION**

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 interest, has been approved by the Division.

T 23S		SEC 18	
#1		#4	
#7		SEC 19	

OPERATOR CERTIFICATION

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

Signature

Printed Name

JAMES COGBURN

Position

OPER. COORD.

Company

ARCO OIL AND GAS

Date

7/23/93

SURVEYOR CERTIFICATION

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

Signature & Seal of
Professional Surveyor

Certificate No.

0

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

RECEIVED

SEP 23 1993

**JOE HOBBS
OFFICE**

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
MINERALS DEPARTMENT

P. O. BOX 2083

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator ARCO Oil and Gas Company		Lease Duthie Andrews WN		Well No. 4
Division of Atlantic Richfield Company				
Unit Letter B	Section 19	Township 23S	Range 37E	County Lea

Actual Footage Location of Well:

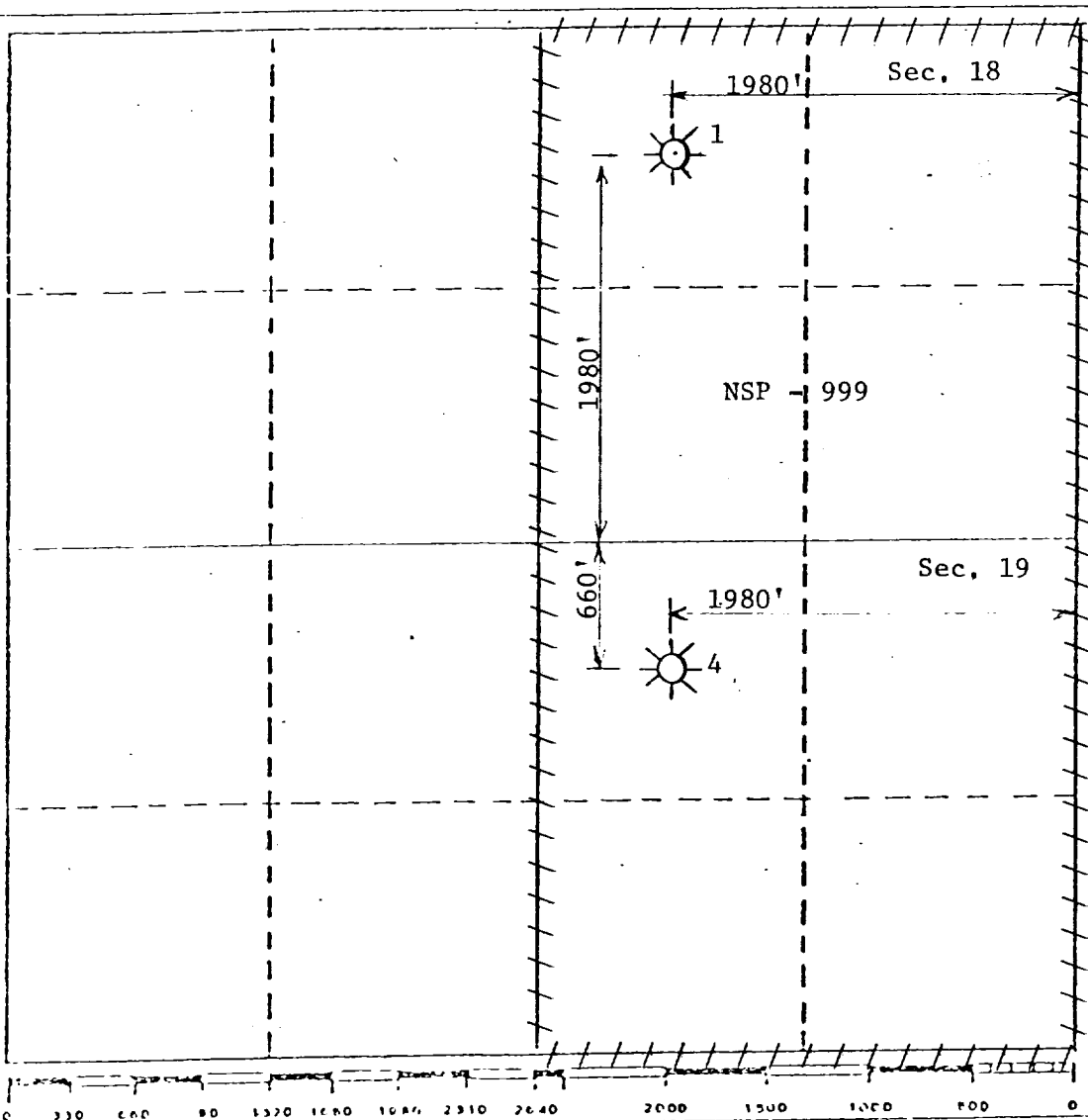
660 feet from the North line and 1980 feet from the East line			
Ground Level Elev. 3327.6'	Producing Formation Yates Seven Rivers	Pool Jalmat Gas	Dedicated Acreage: 320 Acres

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 _____

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 Division.



CERTIFICATION

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

Name *D. L. Shackelford*
Position
Engrg. Tech. Spec.
Company ARCO Oil and Gas Co.
Div of Atlantic Richfield Co.
Date 9/08/83

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 _____

Registered Professional Engineer
and/or Land Surveyor

Certificate No. _____

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

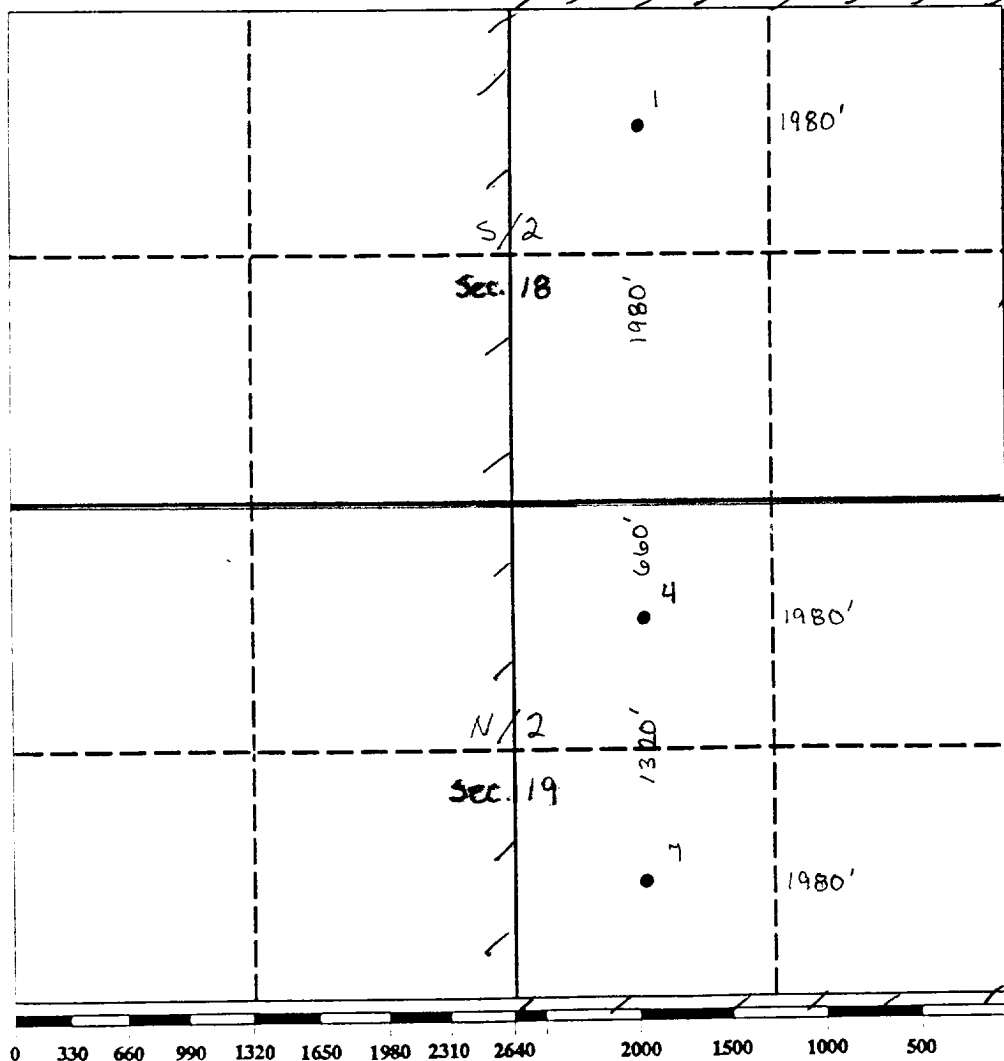
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ARCO Oil & Gas Company			Lease Duthie Andrews WN Com		Well No. 4
Unit Letter B	Section 19	Township 23 South	Range 37 East	County NMPM Lea	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the East line					
Ground level Elev.		Producing Formation Yates/Seven Rivers	Pool Jalmat T-Y-SR	Dedicated Acreage: 320 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Ken W. Gosnell

Printed Name

Ken W. Gosnell

Position

Regulatory Coordinator

Company

ARCO Oil & Gas Co.

Date

8-13-90

SURVEYOR CERTIFICATION

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

Signature & Seal of
Professional Surveyor

Certificate No.

NSP-999

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FC. C-102
Supersedes C-128
Effective 1-1-65

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

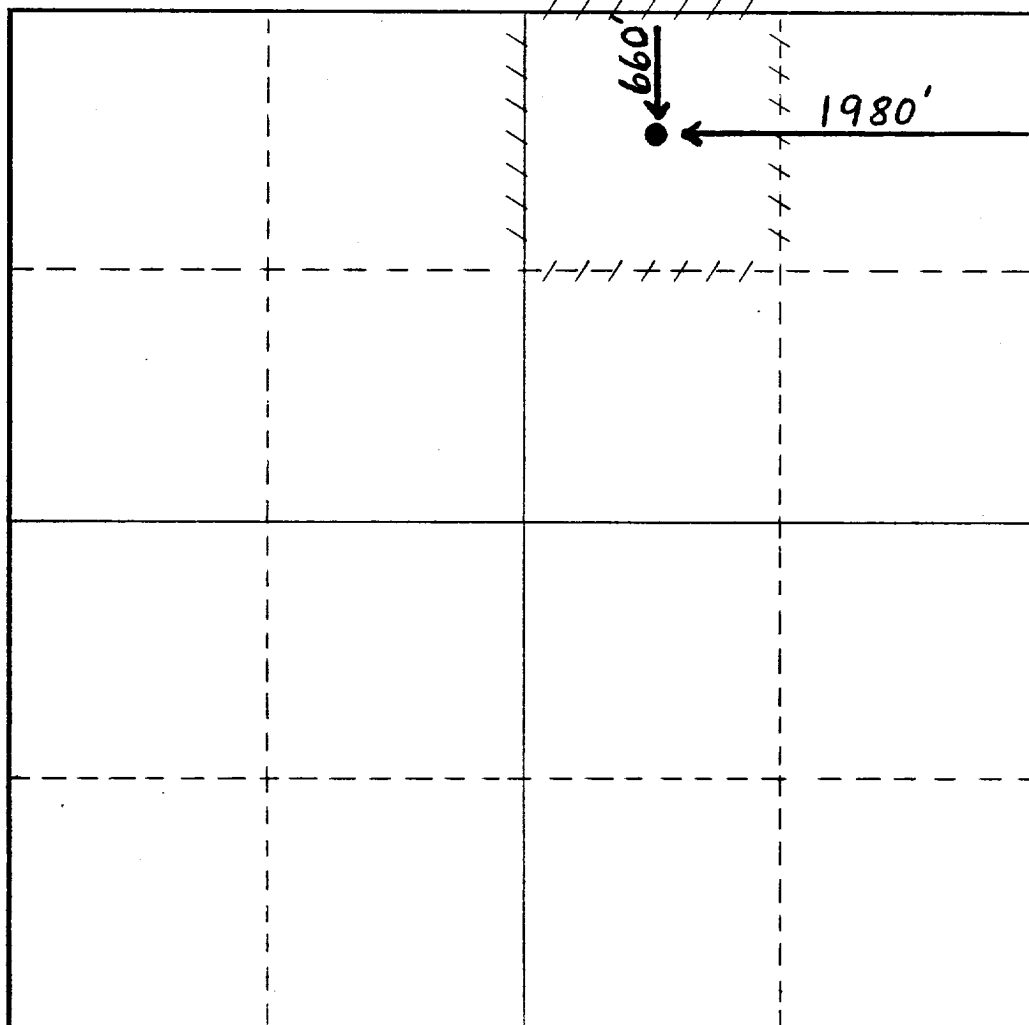
Operator Atlantic Richfield Company			Lease Duthie Andrews Com WN		Well No. 4
Unit Letter B	Section 19	Township 23S	Range 37E	County Lea	
Actual Footage Location of Well: 1980 feet from the East line and 660 feet from the North line					
Ground Level Elev. 3327.6' GR	Producing Formation Seven Rivers Queen		Pool Langlie Mattix		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 _____

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 _____
Dist. Drlg. Supv. _____
Company
Atlantic Richfield Company
Date
1/9/76

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 _____
Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

