State of New Mexico

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

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

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

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 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 Well No. ARCO Oil and Gas Company W.H. HARRISON D WN COM 6 Unit Letter Section Township Range County **24S** 37E LEA **NMPM** Actual Footage Location of Well: feet from the SOUTH line and 1980 feet from the WEST line Ground level Elev. Producing Formation Pool Dedicated Acreage: YATES SEVEN RIVERS 3261 **JALMAT GAS** 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.? 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. 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. ARCO OIL AND GAS 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. 330 1320 1650 1980 ¹2000 2310 1500 1000 500 0

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OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C+102 Supersedes C+128 Effective 14-65

All distances must be from the outer boundaries of the Section Operator Well No. ARCO Oil and Gas Company W. H. Harrison 6 Unit Letter Township County 29 245 37E Lea Actual Footage Location of Well: 660 South 1980' feet from the West line and leet from the Ground Level Elev. Producing Formation Pool Dedicated Acreage: 3261 Yates-Seven Rivers Jalmat Gas MWU 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 interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Y Yes 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 interests, has been approved by the Commission. CERTIFICATION Proposed Proration Unit I hereby certify that the Information con-320 Acres tained herein is true and complete to the Multi Well Unit best of my knowledge and belief. Position Engineer Company ARCO Oil and Gas Co. Section 29 1/28/85 320 acres 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 1980 1980 is true and correct to the best of my knowledge and belief. Date Surveyed 1980 Registered Professional Engineer and/or Land Surveyor Certificate No.

2000

1 500

1000

1320

1650

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

Form "6-102 F: vised 10-1-78

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 ENERGY AND MINERALS DEPARTMENT All distances must be from the outer boundaries of the Section. Well No. ARCO Oil and Gas Company Division of Atlantic Richfield Company H. Harrison County Unil Letter 37E 24S Ν Actual Footage Location of Well: South feet from the Dedicated Acreoge: Producing Formation Ground Level Elev. 280 3261 Yates Seven Rivers Jalmat Gas 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. 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 Division. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Engrg. Tech. Spec. Company ARCO Oil and Gas Co. Div. of Atlantic Richfield Co Date 8/30/82 NSP - 1325 I hereby certify that the well location shown on this plat was platted from field notes of octual surveys made by me or under my supervision, and that the same Is true and correct to the liest of my knowledge and belief. Date Surveyed Registered Professional Engineer 1980' and/or Land Surveyor

NEV EXICO OIL CONSERVATION COMMISSION WELL LUCATION AND ACREAGE DEDICATION PLAT

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

		All distance		the outer boundaries	of the Section.		Lucas Ara				
Operator Lease Well No. Atlantic Richfield Company William H. Harrison "D" WN 6											
U.3 Letter and Section and the Township			<u> </u>	Range County							
N Salah S	29		outh	37 East	L	ea	•				
Actual Footage Location of Well:											
Ground Level Elev.	Producing For		line and Po		cer nom me	 	Icated Acreage:				
3261'		Seven Riv		Jalmat Gas			320 Acres				
1. Outline the acronge idedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one dease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).											
2. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolizated by communitization, unitization, force-pooling, etc? [X] Nes . [I conserve 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 Commis-											
sion.	والمنافع المرافع المنافع المناف	R 37	Ε				·				
THE THE					29	CI	ERTIFICATION				
660' A				1 1 1 1		tained herein	fy that the information com- is true and complete to the owledge and belief.				
	+					Name Cris G. F	Rhodes				
	Harris Carola					Operation Company	ns Engineer Richfield Co.				
				 		January 2	26, 1977				
SEO'	RISON "D		: 	 		shown on this notes of actu under my sup	tify that the well location is plat was plotted from field wal surveys made by me or ervision, and that the same correct to the best of my dibelief.				
.08861		6 099				Date Surveyed Registered Prof and/or Land Su	essional Engineer rveyor				
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COUNTY I.EA FIELD L.an	glie <u>Matti</u> x		© Copyrighted Reproduction Prohibite STATE NM		
OPR ATLANTIC RICHFIELD CO.			API 30-02	5-24669	
NO 6 LEASE HATTISON, Wm.	H. "D" WN	4.	SERIAL		
Sec 29, T-24-S, R-37-E			MAP		
660' FSL, 1980' FWL of	CO-ORD				
	c	LASS DO	ELE	L&S	
SPD 4-11-74 CMP 5-21-74	FORMATION	DATUM	FORMATION		
CSG					
7 5/8" at 400' w/160 sx		,			
4 1/2" at 3650' w/400 sx					
	™ 3656' (U	UEN)	PBD 3640'		

IP (Seven Rivers-Queen) Perfs 3428-3518' P 9 BOPD + 4 BW. Pot based on 24 hrs test. GOR 66,667, Grav 38.1.

contr Leatherwood OPRS ELEV PD 3660 TYPE RT

F.R. 2-18-74 (Seven Rivers-Queen) 4-15-74 Drlg 2306' 4-19-74 Drlg 3203' 4-24-74 TD 3656'; SI 4-29-74 TD 3656'; PB 3640'; RU Pmp Perf 3428-3518' w/18 shots (overall) Acid (3428-3518') 1250 gals (15% HCL) Swbd dry (3428-3518') Frac (3428-3518') 22,000 gals gel brine + 23,500# sd Swbd 18 BO + 18 BLW in 9 hrs (3428-3518') 5-6-74 TD 3656'; PB 3640'; Prep TO Pmp 5-13-74 TD 3656'; PB 3640'; TO Pmp Ppd 12 BO + 4 BW in 24 hrs (3428-3518')

LEA Langlie Mattix NM
ATLANTIC RICHFIELD CO. 6 Harrison, Wm. H. "D" WN Page #2 Sec 29, T24S, R37E

5-20-74 TD 3656'; PB 3640'; TO Pmp

Ppd 8 BO + 4 BW in 24 hrs (3428-3518')

4 TD 3656'; PB 3640'; WO Pot

5-28-74 TD 3656'; PB 3640'; COMPLETE

6-1-74 COMPLETION REPORTED