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Administrative Order DHC-2327 ARCO Permian May 10, 1999 Page 2

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 10th day of May, 1999.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

LORI WROTENBERY

LORI WROTENBER

S E A L

LW/DRC

cc: Oil Conservation Division - Artesia ' State Land Office-Oil & Gas Division



OIL CONSERVATION DIVISION DISTRICT II ARTESIA 811 S. FIRST ST. ARTESIA, NM 88210 (505) 748-1283 FAX (505) 748-9720

Jennifer A. Salisbury CABINET SECRETARY

November 1, 1999

Arco Permian P.O. Box 1089 Eunice, NM 88231

Re: Well Placed In Pool

Gentlemen/Madams:

As the result of Division Order 11256, the following described oil well has been placed in the pool shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

Artesia, Glorieta-Yeso Oil Pool Washington '33 State # 28 Unit O, Section 33, Township 17 South, Range 28 East, NMPM Poolcode: 3230

Transporters are advised by copy of this letter, to change their records to reflect the pool name as established by this order, effective August 1, 1999.

Sincerely. Sugn Anew Bryan/Arrant **District Geologist**

Cc: EOTT Energy Corporation ARCO Santa Fe Mae Well File District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

- 0191 State of New Mexico _nergy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

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AMENDED REPORT

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State Lease - 6 copies Fee Lease - 5 copies									WEI	LL API NO				<u> </u>
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DISTRICT III									6. 3	State Oil &	Gas Lease	NO.		
1000 Rio Brazos Rd Azt WELL COM							1	<u>ب تې .</u> اړ :						
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b. Type of Completion: NEW WORK OVER		PLU BA			THER D	H Com	<∕∕ ¶o <u>i</u> ngle							
2. Name of Operator V						-		S.		Well No.				
ARCO Permian 3. Address of Operator						<u></u>			<u>2</u>	8 Pool name o	wildcat			
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4. Well Location						••								
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Section 33	. Date T.D. Rea		wnship 175	ompl.(Ready	Range to Prod.		3. Eleva		NMPM DF & F	1 RKB, RT, (Edd GR, etc.)		v. Casingh	
			07/02					51' G					-	
15. Total Depth 6362	16. Plug H 5880			7. If Multipl Many Zor		. How	18. I I	Interva Drilled	als By	Rotary To		Cable '		
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26. Perforation record	(interval size	and n	umber)	I		27.	ACID,	SHO	T, FR	ACTUR	E, CEME	ENT, S	OEEZE,	ETC.
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28.				PRODU									-	
Date First Production 07/02/99		ction M Ding	fethod (Flowin								prod	ucing	d. or Shut	<u> </u>
Date of Test 07/27/99	Hours Tested 24		Choke Size	Prod'n F Test Peri	1	Oil - Bt 12	n. 	Gas 42	- MCF	Wate 150	r - Bbl.	Gas 35	- Oil Ratio 00)
Flow Tubing Press.	Casing Pressure	,	Calculated 24- Hour Rate	Oil - Bbl.			- MCF		Water -		Oil Gra		PI -(Corr.)	
29. Disposition of Gas (Sold, used for fu	el, ven	ted, etc.)			_ L				Test W	itnessed B	у		
Sold 30. List Attachments	·													<u></u>
none 31. I hereby certify that	Al- 1.8	ak	on hoth -13.	of this fam-	ie tano c	nd com	nlota ta fi	he har	t of my	knowledge	and holio	f		*
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Signature	un H	<u> 71 f</u>	unish	Name	Ke1	I 1e D	. Murr	ish	Titl	eAd	<u>n1n. As</u>	<u>st.</u>	Date_08/	02/99

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE Southeastern New Mexico

T. Glorieta T. Paddock T. Blinebry T. Tubb T. Drinkard	T. Strawn	T. Kirtland-Frittand: T. Pictured Cliffs T. Cliff House T. Menefee T. Point Lookout T. Mancos T. Gallup Base Greenhorn T. Dakota T. Todilto T. Entrada T. Wingate T. Chinle T. Permain	T. Madison T. Elbert T. Elbert T. McCracken T. Ignacio Otzte T. Granite T. T.
T. Cisco (Bough C)	T	T. Pean "A"	Å ·
1. Cisco (Bough C)		s sands or zones	
No. 2, from	to	No. 3, from No. 4, from NT WATER SANDS	
No. 1 from	ter inflow and elevation to which v toto	vater rose in hole feet feet feet feet	······································

LITHOLOGY RECORD (Attach additional sheet if necessary)

			LIIMOLUGI RECORD (Attach at			
From	То	Thickness in Feet		From	То	Thickness in Feet	Lithology
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27. Acid, Shot, Fracture, Cement, Squeeze, Etc. Washington 33 State #28 – Yeso 30-015-22124

Perf Yeso 3782-3966', 32 holes. PPI 3782-2966' w/2 bbls 15% HCL acid per setting. Frac down 3-1/2" tbg w/12,000 gals 25# viking gel & 26,952 gals 10# linear gel carrying 59,000# 20/40 brady sand & 6952 gals 10# linear gel carrying 17,000# 20/40 mesh resin coated sand.

		·	CIST VI)	
Submit 3 Copies to Appropriate District Office	State of New Mex. Energy, Minerals and Natural Re	esources Department	Form C-103 Revised 1-1-89	
<u>DISTRICT I</u> P.O. Box 1980, Hobbs NM 88241-1980	OIL CONSERVATIO 2040 Pacheco	St.	WELL API NO. 30-015-22124	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, NM 8	37505	5. Indicate Type of Lease STATE X PEE	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No. 647-349 647-351	
SUNDRY NOT	ICES AND REPORTS ON WELL	_S		
DIFFERENT RESE	DPOSALS TO DRILL OR TO DEEPEN C RVOIR, USE "APPLICATION FOR PERI -101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name Washington 33 State	
1. Type of Well: OIL GAS WELL WELL WELL	OTHER		B-14 - 219-19	
2. Name of Operator ARCO Permian			8. Weil No. 28	
3. Address of Operator	38231		9. Pool name or Wildcat Artesia Glorietta Yeso	
4. Well Location Unit Letter: 313	Feet From TheS	Line and249	90 Feet From The E L	Line
Section 33	Township 17S Ray	nge 28E	NMPM Eddy Cour	ntv
	10. Elevation (Show whethe	er DF, RKB, RT, GR, etc 3661' GL		
11. Check Ap	propriate Box to Indicate I	Nature of Notice,	Report, or Other Data	
NOTICE OF IM	NTENTION TO:	SUB	SEQUENT REPORT OF:	
		REMEDIAL WORK		
		COMMENCE DRILLING		· L
PULL OR ALTER CASING		CASING TEST AND CE		
OTHER:	[_]	OTHER: DHC Yeso	Production	_L
12. Describe Proposed or Completed Ope work) SEE RULE 1103.	erations (Clearly state all pertinent deta	ails, and give pertinent dat	tes, including estimated date of starting any propo	osed

TD: 6362*	PBD: 5880' PERFS: 2580-3074', 3782-3966'	
06/25/99:	MIRUPU. POH w/equ1p. NUBOP.	1000 - 10000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -
06/28/99:	Perf Yeso 3782-3966', 32 holes.	· ·
06/29/99:	PPI 3782-3966' w/2 bbls 15% HCL acid per setting.	
	Free down 2 1/2" the w/12 ANA cale 25# Viking cal # 26 052 cale 10# Linear	ARTESIA E
07/02/99:	RIH w/prod equip. 2-7/8" tbg set @ 3962'. Return well to production.	Conception of the second se

I hereby certify that the information above is true and complete to the best of my knowledge and belief. munis TITLE Administrative Assistant 08/02/99 _ DATE _ SIGNATURE _ теlephone No. 505-394-1649 TYPE OR PRINT NAME Kellie D. Murrish Sim W. Shim Ristrict Sigervisor (This space for State Use) ______<u>DATE 8 - 4 - 29</u> APPROVED BY_ CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies to Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs NM 88241-1980 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 SUNDRY NOTI (DO NOT USE THIS FORM FOR PRO	Energy, Minerals and OIL CONSER 2040 Santa F	VATIC Pacheco e, NM 8	esources Department ON DIVISION St. 87505	 5. Indicate Ty 6. State Oil & 647-349 	0-015-2212	
(FORM C-	VOIR. USE "APPLICATION 101) FOR SUCH PROPOS	ALS.)	MIT"	Washington	-	
2. Name of Operator V ARCO Permian				8. Well No.		
3. Address of Operator				9. Pool name		
P.O. Box 1089 Eunice. NM 8 4. Well Location	8231	- · · ·		Artesia G	IOF TETTA YO	<u>eso</u>
Unit Letter:313	Feet From The	S	Line and249	90 Feet I	From The	E Lin
Section 33	Townshin 175	_	nge 28E		Eddy	A
Section JJ	TOTISHID	A344	nge 20L er DF, RKB, RT, GR, etc	<u>NMPM</u> :.)		County
-	propriate Box to In ITENTION TO:	ndicate 1		Report, or		
NOTICE OF IN ERFORM REMEDIAL WORK X EMPORARILY ABANDON ULL OR ALTER CASING ULL OR ALTER CASING THER: DHC Yeso Production	ITENTION TO: PLUG AND ABANDO CHANGE PLANS	■ □ □	Nature of Notice, SUB REMEDIAL WORK COMMENCE DRILLING CASING TEST AND CE OTHER:		ALTERING ALTERING PLUG AN	DRT OF: BICASING DIABANDONMENT
NOTICE OF IN ERFORM REMEDIAL WORK X EMPORARILY ABANDON ULL OR ALTER CASING	TENTION TO: PLUG AND ABANDO CHANGE PLANS rations (Clearly state all pe PERFS: 2508-3074° mp. NU BOP. POH w to approx 4100°, P 3966°, PPI yeso per Force close well perfs approx 2400° val 1567-2262°. Fr BPN. Pull RBP's.	N	Nature of Notice, SUB REMEDIAL WORK COMMENCE DRILLING CASING TEST AND CE OTHER: OTHER:	WT CSG.	IT REPC	PRT OF: B CASING D ABANDONMENT f starting any propose f starting any propose
NOTICE OF IN ERFORM REMEDIAL WORK X EMPORARILY ABANDON ULL OR ALTER CASING OTHER: DHC Yeso Production 12. Describe Proposed or Completed Ope work) SEE RULE 1103. TD: 6362' PBD: 5845' MIRU PU. POH w/rods & p RIH w/Dit & scraper, tag Perf Yeso interval 3782- Frac Yeso perfs down tbg Set RBP above San Andress Perf Shallow Sands inter Force Close well 1-1/2-2	TENTION TO: PLUG AND ABANDO CHANGE PLANS CHANGE PLANS Tations (Clearly state all po PERFS: 2508-3074° Mp. NU BOP. POH w to approx 4100°, P 3966°, PPI yeso per J. Force close well perfs approx 2400° val 1567-2262°. Fr 2 BPM. Pull RBP's. Wed Administrative The and complete to the best of r Multiple to the best of r	N	Nature of Notice, SUB REMEDIAL WORK COMMENCE DRILLING CASING TEST AND CE OTHER: alls, and give pertinent dat 2 BPM. Now sands perfs do completion assembly HC-2327	WIN CSG. Y. Return	IT REPC	PRT OF: a CASING D ABANDONMENT f starting any propose f starting any propo



ADMINISTRATIVE ORDER DHC-2327

ARCO Permian $\sqrt[4]{}$ P.O. Box 1610 Midland, Texas 79702-1610

Attention: Ms. Elizabeth A. Casbeer



Washington "33" State No. 28 API No. 30-015-22124 Unit O, Section 33, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Artesia Queen-Grayburg-San Andres (Oil - 3230), and Undesignated Glorieta-Yeso (Oil – N/A) Pools

Dear Ms Casbeer:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such amendment pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C., the daily allowable producing rates from the well are hereby established as follows:

Oil 80 B/D Gas N/A Water 160 B/D

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Artesia Queen-Grayburg-San Andres Pool	Oil-28%	Gas-48%
Undesignated Glorieta-Yeso Pool	Oil-72%	Gas-52%

REMARKS: The operator shall notify the Artesia District Office of the Division upon implementation of the commingling process.

Administrative Order DHC-2327 ARCO Permian May 10, 1999 Page 2

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 10th day of May, 1999.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

LORI WROTENBERY Director

SEAL

LW/DRC

cc: Oil Conservation Division - Artesia ' State Land Office-Oil & Gas Division