Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies

State of New Mexico Energy, Minerals and Natural Resources

Form C-105 Revised June 10, 2003

WELL API NO. 30-025-38518

ree Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

								[5. Ii	5. Indicate Type Of Lease STATE FEE X				
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505								6 9	STATE L FEE X 6. State Oil & Gas Lease No.				
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505													
			ADI ETION	DEDODI	- 4 NID	U OC				78.6°			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1a. Type of Well:								7 1	7. Lease Name or Unit Agreement Name				
OIL WELL		LL 🗌	DRY 🗌	OTHER_				- '' ''	ease Name	or Other Agree	ment iv	ame	
b. Type of Completion: NEW WORK DEEPEN BACK DIFF. OVER DEEPEN BACK OTHER									North Hobbs G/SA Unit				
2. Name of Operator 8. Well No.													
Occidental Permian Limited Partnership 645													
3. Address of Operator 9. Pool name or Wildo													
P.O. Box 4294 Houston, TX 77210-4294 Hobbs 4199 Hobbs 4										S S	an Andres		
4. Well Location Unit Letter P: 760 Feet From The South Line and 1045 Feet From The East Line													
Section	13	Tow	nship]	l8-S	Range	37-E		NMPM	[_	l ea	. A	County	
10. Date Spudded	11. Date T.D. Rea	ched	12. Date Con		Prod.)		ations (RECEIVED	Receiva	. Elev.	Casinghead	
11/1/06	11/8/06			12/14/	06				L\' ∂G R	Hobbs		88/	
15. Total Depth 4396 '	16. Plug l	Back T.D. 1386 '	17.	. If Multiple Many Zone	Compl. s?	How 18. Dril	Interval lled By	ıls	Ro tago Tod 43 96 2	<u> </u>	Cable To	7	
19. Producing Interval(s), of this completion - Top, Bottom, Name 4150' - 4280'; Grayburg-San Andres 20. West Literal Survey Made No													
21. Type Electric and Other Logs Run CN/SGR; HNGRS 22. Was Well Cored No													
23.		CASI	NG RECO)RD (Rep	ort al	l strings set	in wel	11)					
CASING SIZE	WEIGHT I	B./FT.	DEPTH		HC	LE SIZE	<u> </u>		NTING RE	CORD	AM	OUNT PULLED	
16	Conduct	or	40			26			100 sx.				
							ļ				╄		
8-5/8	24		151	8	12	2-1/4			<u>750 sx.</u>		—		
,											 	·	
5-1/2	15.5		439		7	7-7/8			900 sx.				
24. SIZE	TOP	BOTT	ER RECORD OM SACKS CEMENT				25. TUBI		NG RECORD DEPTH SET		DACKED SET		
SIZE	TOF	1 6011	OWI	SACKS CEMENT		SCREEN	-+3	2-7/8"		4352		PACKER SET	
								2-11	76 43				
26. Perforation record	(interval, size, and	number)			11	27. ACID, S	нот в	FRACTI	URE CEN	MENT SOF	EZE 1	IFTC	
	()	,				DEPTH INTE					ND KIND MATERIAL USED		
4150' 4200	' (2 JSPF, 10	10 hala	۵)			4150' -	4280)'	4000 Gal. 15% HCL				
4130 - 4260	(2 JSPF, I	<i>72</i> 11016	(5)					_					
28.			D	RODUC	TION	<u></u>							
Date First Production 12/14/06	Produ	ction Met	hod (Flowing,	gas lift, pum	ping - S	ize and type pum 24 2-Stage	ıp)			Well Status	(Prod. o	1	
Date of Test	Hours Tested	С	hoke Size	Prod'n For	(Oil - Bbl.	Gas -	MCF	Water			Oil Ratio	
1/30/07 Flow Tubing	1/30/07 8		N/A	Test Period		11			355	T			
Press.	Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water -							(30.17)					
N/A 150 33 1065 35.5													
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By													
Gas is reinjected as a part of the North Hobbs Unit CO2 flood S. Jones NOTE: Produced and rates are surrently too love to													
	NOTE: Produced gas rates are currently too low to Logs (2 ea.): Deviation Report be measured												
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief													
	nk Steph rk_Stephens@		Printed Name	Mark	Steph	ens ·	Т	Title Re	eg. Comp	o. Analys	t Dat	e 2/7/07	

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

T. Ojo Alamo T. Kirtland-Fruitland T. Pictured Cliffs	T. Penn. "B" T. Penn, "C"
	T. Penn, "C"
T. Pictured Cliffs	
	T. Penn, "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	Т.
T. Todilto	Т.
T. Entrada	Т.
T. Wingate	T.
T. Chinle	T.
T. Permain	T.
T. Penn "A"	T.
	T. Morrison T. Todilto T. Entrada T. Wingate T. Chinle T. Permain

				SANDS OR ZONES
Turk de dese en	 		ANT WATER SANDS	
		ation to which wat		
No. 1, from	 	to	feet _	
No. 2, from	 	to	feet	
No. 3. from	 	to	feet -	·

LITHOLOGY RECORD (Attach additional sheet if necessary)

From To Thickness in Feet Lithology From To Thickness in Feet Lithology

		in reet	g,		in reet	
3436	3760	324	Mixed anhydrite & silt with minor dolomite			
3760	3920	160	Mixed anhydrite, silt, and dolomite			
3920	4038	118	Mixed silt & dolomite with minor anhydrite			
4038	4396	358	Dolomite			