

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

WELL APN NO. 30-025-30614
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2317
7. Lease Name or Unk Agreement Name M. E. Hale
8. Well No. 20
9. Pool name or Wildcat Vacuum Grayburg/San Andres

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unk Agreement Name M. E. Hale	
1b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEPT RESER ☐ OTHER _____		8. Well No. 20	
2. Name of Operator Phillips Petroleum Company		9. Pool name or Wildcat Vacuum Grayburg/San Andres	
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762			
4. Well Location Unk Letter N : 1225 Feet From The South Line and 2000 Feet From The West Line Section 35 Township 17-S Range 34-E NMPM Lea County			
10. Date Spudded 7-21-89	11. Date T.D. Reached 8-02-89	12. Date Compl. (Ready to Prod.) perf'd 8-21-89	13. Elevations (DF& RKB, RT, GR, etc.) 4018' GR, 4027' RKB
14. Elev. Casinghead			
15. Total Depth 4800'	16. Plug Back T.D. 4759'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-4800'
19. Producing Interval(s), of this completion - Top, Bottom, Name 4387'-4632' San Andres			20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run DLL-MSFL-GR-Cal; CNL-LDT-GR-Cal, CNL-GR-Cal			22. Was Well Cored NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5# J-55	1610'	17-1/2"	1500 sx "C", 2% CaCl	
				Circ 400 sx	
5-1/2"	14# J-55	4800'	11"	1600 sx "C" 65/35	
				Poz + 400 sx "C" Neat.	
				Circ. 85 sx.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4651'	
					6.5#		

26. Perforation record (interval, size, and number) Perf'd w/4" OD csg gun 2 JSPF				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4387'-4397'	4436'-4438'	4599'-4601'		4587'-4632'	1000 gals 15% NEFe HCl
4400'-4420'	4587'-4589'	4604'-4609'		4587'-4632'	1700 gals 28% NEFe HCl
4430'-4432'	4592'-4596'	4621'-4624'			

28. 4630'-4632' PRODUCTION (Total 52'-104 shots)							
Date First Production 9-20-89		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" X 1-3/4" X 26' pump				Well Status (Prod. or Shut-in) producing	
Date of Test 9-22-89	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 20	Gas - MCF .5	Water - Bbl. 434	Gas - Oil Ratio 24.74
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 38	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By D. Williamson
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30. List Attachments
Logs furnished direct by logging company.

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

Signature L. M. Sanders Printed Name L. M. Sanders Title Reg. & Pro. Supv Date 9-27-89

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			Northwestern New Mexico		
T. Anhy	1540	T. Canyon	T. Ojo Alamo	T. Penn. "B"	
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"	
T. Yates	2815	T. Miss	T. Cliff House	T. Leadville	
T. 7 Rivers	3163	T. Devonian	T. Menefee	T. Madison	
T. Queen	3740	T. Silurian	T. Point Lookout	T. Elbert	
T. Grayburg	4084	T. Montoya	T. Mancos	T. McCracken	
T. San Andres	4385	T. Simpson	T. Gallup	T. Ignacio Otzite	
T. Lexington	4532	T. McKee	Base Greenhorn	T. Granite	
T. Paddock		T. Ellenburger	T. Dakota	T.	
T. Blinberry		T. Gr. Wash	T. Morrison	T.	
T. Tubb		T. Delaware Sand	T. Todilto	T.	
T. Drinkard		T. Bone Springs	T. Entrada	T.	
T. Abo		T.	T. Wingate	T.	
T. Wolfcamp		T.	T. Chinle	T.	
T. Penn		T.	T. Permian	T.	
T. Cisco (Bough C)		T.	T. Penn "A"	T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

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
0	465	465	Surface				
465	1157	692	Red Bed				
1157	1423	266	Red Bed, Anhydrite				
1423	1610	187	Anhydrite				
1610	2322	712	Anhydrite, Salt				
2322	2643	321	Salt				
2643	2850	207	Salt, Anhydrite				
2850	3000	150	Anhydrite				
3000	3467	467	Anhydrite, Dolomite				
3467	3838	371	Dolomite				
3838	3974	136	Dolomite & Shale				
3974	4800	826	Dolomite				
	TD						

RECEIVED

SEP 28 1999