

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 AP NO. 30-039-24807
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-289-3
7. Lease Name or Unit Agreement Name San Juan 29-6 Unit
8. Well No. 301 SWD
9. Pool name or Wildcat

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐	
1b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐	
2. Name of Operator PHILLIPS PETROLEUM COMPANY	
3. Address of Operator 300 W ARRINGTON, SUITE 200, FARMINGTON, NM 87401	
4. Well Location Unit Letter <u>P</u> : <u>350</u> Feet From The <u>South</u> Line and <u>350</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>29N</u> Range <u>6W</u> NMPM Rio Arriba County	
10. Date Spudded 7-20-90	11. Date T.D. Reached 11-9-90
12. Date Compl. (Ready to Prod.) Perf'd 11-11/11-20-90	13. Elevations (DF & RKB, RT, GR, etc.) 6454' GL 6434'
14. Elev. Casinghead	15. Total Depth 9112'
16. Plug Back T.D. 9110'	17. Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐
19. Producing Interval(s), of this completion - Top, Bottom, Name 8474'-8661' Bluff; 8478'-8530' Bluff; 8871'-8971' Entrada; 9100' Chinle	
20. Was Directional Survey Made NO	
21. Type Electric and Other Logs Run GR/CCL, ML, SL, SDN, FWS, IND, CBL	
22. Was Well Cored NO	

23. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE
20"	94#, K-55	487'	26"
13-3/8" 2770	72#, N-80	3536'	17-1/2"
7" 1525	26#, S-95&N-80	9205'	8-3/4"
24. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
9-5/8"	3333'	5972'	940 Sx 50/50 Poz
40#, S-95			100 Sx CL B
25. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
3-1/2"	8354'	8354'	
9.3#, N-80			

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
Perf'd w/1 spf (.4" diam) 8474'-8661' (148 holes)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Perf'd w/3 spf (.4" diam) 8478'-8530'			
Perf'd w/2 spf (.5" diam) 8871'-8971' (200 holes)			
Perf'd (.5" diam) @ 9100' (1 hole)			
28. PRODUCTION			
Date First Production SI	Production Method (Flowing, gas lift, pumping - Size and type pump) N/A		Well Status (Prod. or Shut-in) SI
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period
-	-	-	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. Gas - MCP Water - Bbl.
- 400	175		
29. Disposition of Gas (Sold, used for fuel, vented, etc.)			Test Witnessed By
-			-
30. List Attachments			

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	Printed Name	Title	Date
<i>R.A. Allred</i>	R.A. Allred	Drig. Supv.	1-30-91

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

See Attachment

T. Anhy _____	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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	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

San Juan 29-6 Unit Well #301 SWD Frac Report

11-15-90

Frac Entrada interval from 8871'-8971' on 7" casing @ 111 BPM avg treating rate, @ 3250 psi avg treating pressure, with 9949 Bbls 2% KCL, 40# X-link gel water w/800,000# 20/40 Brady sand, establish inj. rate @ 100 BPM w/40# liner gel, 4300 Bbls (Pad) followed by 1-10 ppg max sand concentration, max pressure 4200 psi.

11-20-90

Frac Bluff interval from 8474'-8661' on 7" csg @ 112 BPM avg treating rate, @ 3300 psi avg treating pressure, w/9895 Bbls 2% KCL, 40# X-link gel water w/780,000# 20/40 Brady sand, establish inj. rate @ 125 BPM w/40# liner gel and X-link gel, total 4627 Bbls (Pad) followed by 1-8 Ppg max sand concentration, max pressure 3610 psi.

PHILLIPS 29-6 #301 SWD

FORMATION LOG TOPS

DATUM RKB 6473'

<u>FORMATION</u>	<u>DEPTH (ft)</u>	<u>ELEVATION (ft abv SL)</u>
San Jose Fm.	Surface	+6454 (GL)
Nacimiento Fm.	2312	4161
Ojo Alamo Ss.	2466	4007
Kirtland Sh.	2682	3791
Fruitland Fm.	2962	3511
Fruitland Coal Zone	3192	3281
Upper Pictured Cliffs Ss.	3342	3131
Intertongued Fruitland	3376	3097
Upper Pictured Cliffs Ss.	3400	3073
Pictured Cliffs Ss.	3412	3061
Lewis Sh.	3498	2975
Cliff House Ss.	5248	1225
Menefee Fm.	5280	1193
Pt. Lookout Ss.	5580	893
Mancos Sh.	5884	589
Gallup Ss.	6352	+ 121
Carlile Sh.	7364	- 891
Greenhorn Ls.	7567	-1094
Graneros Sh.	7621	-1148
Upper Dakota Ss.	7762	-1289
Lower Dakota Ss.	7896	-1423
Morrison Fm.	7970	-1497
Bluff Ss.	8508	-2035
Summerville Fm.	8662	-2189
Todilto Ls.	8745	-2272
Entrada Ss.	8818	-2345
Chinle Fm.	9026	-2553
TD	9204	-2731