Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API No. 30-025-27687

5a. Indicate Type of Lease: State [XX] Fee [ ]

5. State Oil & Gas Lease No.: E-1923

7. Unit Agreement Name: - - - -

8. Farm or Lease Name: Merchants - A Com

9. Well No.: 1

10. Field and Pool, or Wildcat: Undesignated - Bone Spring

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] OTHER

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER Plug & Abandon

2. Name of Operator: Phillips Petroleum Company

3. Address of Operator: Room 401, 4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well: UNIT LETTER L LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE OF SEC. 30 TWP. 21-S RGE. 35-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
1-3-82	3-18-82	orig. perf'd 5-20-82	3641' DF, 3617' GR	- - -

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
13,100	- - -	- - -	→	X	

24. Producing Interval(s), of this completion — Top, Bottom, Name: Bone Spring Top: 8206' Btm: 13,100'

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Schlumberger ran DLL, RXO, GR/Cal, CNL, GR/Cal, BHC Sonic, GR/CCL

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	85.5#.	1100'	26"	2500 sx Cl C. Circ 600 sx	
10-3/4"	40.5#, 45#	5730'	14-3/4"	600 sx Howco, 300 sx Cl C	2nd stage: 22
sx TLW,	100 sx Cl C,	Circ 25 sx,	10 sx thru DV	tool at 3631'.	
7-5/8"	33.7#	11,000'	9-1/2"	1000 sx TLW, 200 Sx Cl C	3380'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5"	10,694'	13,100	545 sx Cl H	- - -

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
- - -	- - -	- - -

31. Perforation Record (Interval, size and number)

Perf'd 5" liner w/2-1/2" OD gun 8JSPF from 12,434-12,442' (64 shot total). Perf'd 12,730-12,738' & 12,740-754' w/2-1/8" OD Gun 4 JSPF. Perf'd 7-5/8" csg w/4" csg gun w/2JSPF from 8670'-8700', 30'-60 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,730-12,754'	Dumped 20' cmt on BP @ 12,650'
12,434-12,442'	Dumped 20' cmt on BP @ 12,336'
8670'-8700'	Dumped 4 sx cmt on CIBP @ 8600'
Cmt plugs @ 4410', 3800', 3500', 1962', 30', Cmt to surface	

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
- - -	- - - - - -	Plug & Abandon

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
- - -	- - -	- - -		- - -	- - -	- - -	- - -

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
- - -	- - -		- - -	- - -	- - -	- - -

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Dry hole

Test Witnessed By: - - -

35. List of Attachments: Logs furnished direct by logging company.

36. 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.

SIGNED W. J. Mueller TITLE Sr. Engineering Specialist DATE January 9, 1983

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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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	Rustler 1844'	T. Canyon		T. Ojo Alamo	T. Penn. "B"
T. Salt	Salado 2357'	T. Strawn	11,440	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Atoka	11,738'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	4141'	T. Miss	Morrow Sand 12,480'	T. Cliff House	T. Leadville
T. 7 Rivers	Capitan 4410'	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 Qtzte
T. Glorieta		T. McKee		Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger		T. Dakota	T.
T. Blinebry		T. Gr. Wash		T. Morrison	T.
T. Tubb		T. Granite		T. Todilto	T.
T. Drinkard		T. Delaware Sand	Delaware Min Group 5595'	T. Entrada	T.
T. Abo		T. Bone Springs	8206'	T. Wingate	T.
T. Wolfcamp	10,983'	T.	2nd Bone Sprgs Sd 9879'	T. Chinle	T.
T. Penn.		T.	3rd Bone Sprgs. 10,780'	T. Permian	T.
T. Cisco (Bough C)		T.		T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, 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. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	213	213	Surface	7079	10430	3351	Lime, Sand
213	425	212	Redbed, Anhy	10430	10675	245	Lime, Sand, Shale
425	482	57	Redbed	10675	11031	356	Lime, Shale
482	830	348	Redbed, Anhy	11031	11056	25	Lime
830	1100	270	Redbed, Lime, Anhy	11056	11090	34	Lime, Shale
1100	1842	742	Lime, Anhy	11090	11131	41	Lime
1842	2360	518	Lime, Anhy, Salt	11131	11213	82	Lime, Shale
2360	3699	1339	Anhy, Salt, Lime, Shale	11213	11244	31	Shale
3699	3756	57	Lime, Shale, Anhy	11244	12725	1481	Lime, Shale
3756	3825	69	Lime, Shale	12725	12952	227	Shale, Chert, Dolo
3825	4013	188	Lime, Shale, Anhy	12952	13003	51	Shale, Sand, Lime
4013	4547	534	Lime, Shale,	13003	13100	97	Shale
4547	5049	502	Lime, Shale, Sand		TD		
5049	5730	681	Lime, Shale				
5730	6088	358	Lime				
6088	6525	437	Lime, Sand				
6525	7079	554	Lime, Sand, Shale				

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