

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

Form C-105  
Revised 11-1-84

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION  
 OIL WELL  GAS WELL  DRY  OTHER injection well  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER

7. Unit Agreement Name

8. Farm or Lease Name  
South Hobbs (GSA) Ut.

9. Well No.  
171

10. Field and Pool, or Wildcat  
Hobbs GSA

2. Name of Operator  
Amoco Production Company

3. Address of Operator  
P. O. Box 68, Hobbs, NM 88240

4. Location of Well

UNIT LETTER D LOCATED 710 FEET FROM THE North LINE AND 640 FEET FROM West THE LINE OF SEC. 9 TWP. 19-S RGE. 38-E

11. County  
Lea

15. Date Spudded 2-7-84 16. Date T.D. Reached 2-15-84 17. Date Compl. (Ready to Prod.) 3-1-84 18. Elevations (DF, RKB, RT, GR, etc.) 3599.4' GL 19. Elev. Casinghead

20. Total Depth 4300' 21. Plug Back T.D. 4215' 22. If Multiple Compl., how Many

23. Intervals Drilled By: Rotary Tools 0-TD Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
none

25. Was Directional Survey Made  
no

26. Type Electric and Other Logs Run  
Comp. Neutron Lith Density; Dual Laterolog Micro SFL; Cement bond log

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
8-5/8"	24	1532'	12-1/4"	875 sx class C	280 sx
5-1/2"	15.5	4300'	7-7/8"	1500 sx class C neat	255 sx

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD
					SIZE: 2-3/8" DEPTH SET: 3990' PACKER SET: 3990'

31. Perforation Record (Interval, size and number)  
4140'-58', 4170'-76', 4189'-96' and 4211'-16' with 4 SPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4140'-4216'	4000 gal 15% NE HCL gelled acid, 120 gal Pentafax, & 200 ball sealers

33. PRODUCTION

Date First Production: \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) injection

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.)

35. List of Attachments  
logs mailed on 2-22-84 and 3-1-84

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 Cathy L. Jorman TITLE Assist. Adm. Analyst DATE 3-19-84

0+5-NMOCD, H 1-R. E. Ogden, HOU 1-F. J. Nash, HOU 1-CLF 1-Petro Lewis 1-Texaco 1-Sun 1-Shell

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 triplicate 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 _____              | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____              | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____              | T. Atoka _____         | T. Fictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____             | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____          | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>3443'</u>      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg <u>3976'</u>   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>4076'</u> | 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 _____ | T. Entrada _____            | T. _____               |
| T. Abo _____               | T. Bone Springs _____  | 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. 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'	435'	435'	Surface				
435'	1530'	1095'	Red Bed				
1530'	2670'	1140'	Anhydrite				
2670'	3330'	660'	Salt & Anhydrite				
3330'	4300'	970'	Anhydrite				

RECEIVED  
MAR 20 1984  
HOBBBS OFFICE

INCLINATION REPORT

OPERATOR PAMOCO PRODUCTION COMPANY ADDRESS P.O. BOX 68, HOBBS, NEW MEXICO 88240

LEASE NAME SOUTH HOBBS UNIT WELL NO. 171 FIELD \_\_\_\_\_

LOCATION LEA COUNTY, NEW MEXICO

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
405	3/4	5.3055	5.3055
804	3/4	5.2269	10.5324
1300	1	8.6800	19.2124
1530	1/2	2.0010	21.2134
2018	1	8.5400	29.7534
2515	3/4	6.5107	36.2641
3013	1/2	4.3326	40.5967
3507	3/4	6.4714	47.0681
4030	3/4	6.8513	53.9194
4300	1	4.7250	58.6444

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

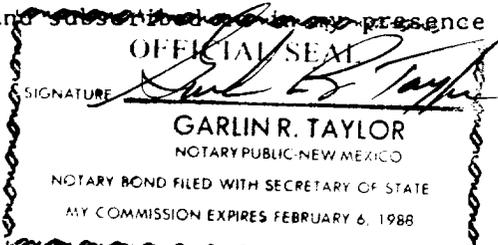
*Debbie Clark*  
TITLE DEBBIE CLARK, OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBBIE CLARK known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

*Debbie Clark*  
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 20TH day of FEBRUARY, 1984



Notary Public in and for the County  
of Lea, State of New Mexico

SEAL