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RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
MAR 22 1977

Form C-105
Revised 10-64

1. *Artesia* *Artesia*
10. TYPE OF WELL *Artesia*
D. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
O.C.C. ARTESIA OFFICE

11. Indicate Type of Lease
State ☒ Fee ☐
12. State Oil & Gas Lease No.
E-537-5

2. Name of Operator
AMOCO PRODUCTION COMPANY
3. Address of Operator
P.O. DRAWER A, LEVELLAND, TEXAS 79336
4. Location of Well
UNIT LETTER *F* LOCATED *1980* FEET FROM THE *NORTH* LINE AND *2130* FEET FROM THE *WEST* LINE OF SEC. *32* TWP. *17-S* RGE. *29-E* AND *EDDY*

13. That Agreement Name
EMPIRE SOUTH DEEP UNIT
14. Name of Lease Name
EMPIRE SOUTH DEEP UNIT
15. Well No.
11

15. Date Spudded *12-3-76* 16. Date T.D. Reached *1-10-77* 17. Date Compl. (Ready to Prod.) *3-16-77* 18. Elevations (D.F., R&B, RT, GR, etc.) *3595 GR* 19. Elev. Cushinghead
20. Total Depth *8800* 21. Plug Back T.D. *8752* 22. If Multiple Complet., How Many *—* 23. Intervals Drilled By Rotary Tools *0-TD* Cable Tools *—*

16. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

24. Producing Interval(s), of this completion - Top, Bottom, Name
8404' - 8436' WOLF CAMP
25. Was Directional Survey Made
No

17. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

26. Type Electric and Other Logs Run
Dual LATER OLOG MICRO - SFL, COMPENSATED NEUTRON-FORMATION DENSITY
27. Was Well Cored
YES

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

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<i>13 3/8"</i>	<i>54#</i>	<i>425'</i>	<i>17 1/2"</i>	<i>4005X INCOR</i>	<i>CIRC 655X.</i>
<i>8 5/8"</i>	<i>24#</i>	<i>2917'</i>	<i>11"</i>	<i>14055X. CLASS C > TLW</i>	<i>CIRC 1255X.</i>
<i>5 1/2"</i>	<i>15-17.5#</i>	<i>8798'</i>	<i>7 7/8"</i>	<i>350 5X CLASS H</i>	

18. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

19. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

20. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

31. Perforation Record (Interval, size and number)
8404' - 8436' 2 JS PF

21. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<i>8404' - 8436'</i>	<i>3000 gals 20% NE Acid + Additives</i>
<i>8404' - 8436'</i>	<i>10,000 gals 20% NE Acid + Additives</i>

22. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
<i>2-20-77</i>	<i>Flowing</i>	<i>PRODUCING</i>

23. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<i>3-16-77</i>	<i>24</i>	<i>3/4"</i>	<i>—</i>	<i>80</i>	<i>1024</i>	<i>0</i>	<i>12,800</i>

24. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<i>250</i>	<i>NA</i>	<i>—</i>	<i>80</i>	<i>1024</i>	<i>0</i>	<i>NA</i>

25. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold to Phillips
35. List of Attachments
Logs per item No. 26

26. Field and Pool, or Wildcat
SOUTH EMPIRE WOLF CAMP

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.
014 - NMOC - Art
1 - Div.
1 - Sup.
1 - PC
SIGNED *Ray W. Cox* TITLE *Administrative Assistant* DATE *3-21-77*
30. PARTNERS

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 radioactivity logs run on the well and a summary of all special tests conducted, including fall stem tests. All log data reported here shall be measured by test. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 30 through 34 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Anoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Decuman _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1890'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2710'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Blinberry SPRINGS 4730'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7070'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 7810'	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 _____ 8404' to _____ 8436'	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 _____ NONE 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	427	427	Surface				
427	527	100	Shale				
527	876	349	Anhydrite				
876	1145	269	Anhydrite & Salt				
1145	1408	263	Anhydrite				
1408	1600	192	Anhydrite & Dolomite				
1600	2915	1315	Anhydrite				
2915	2933	18	Lime				
2933	3288	355	Anhydrite & Dolomite & Lime				
3288	3596	308	Anhydrite & Lime				
3596	3744	148	Anhydrite & Dolomite & Lime				
3744	4595	851	Lime, Anhydrite				
4595	8271	3676	Lime				
8271	8417	146	Lime, Shale				
8417	8800	383	Lime				