

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

Form C-105
Revised 11-68

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

RECEIVED

FEB 21 1983

5d. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

E-742

7. Unit Agreement Name

8. Farm or Lease Name

State S-19

9. Well No.

4

10. Field and Pool, or Wildcat

Empire Abo

12. County

Eddy

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

CONOCO INC.

3. Address of Operator

P. O. Box 460, Hobbs, N.M. 88240

4. Location of Well

UNIT LETTER O LOCATED 660 FEET FROM THE South LINE AND 1700 FEET FROM

THE East LINE OF SEC. 19 TWP. 17S RGE. 29E N.M.P.M.

15. Date Spudded 16. Date T.D. Reached 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 19. Elev. Casinghead

11-20-82

12-18-82

1-17-83

3644' GR

20. Total Depth 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By 24. Producing Interval(s), of this completion - Top, Bottom, Name 25. Was Directional Survey Made

7350'

7290'

—

—

All

NONE

7128'-7134' and 7138'-7144' Abo

Yes

26. Type Electric and Other Logs Run

GR-DLL & GR-CNL-FDC-CAL and CCL & GR

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
13 3/8"	48#	675'	17 1/2"	580.5x; 110.5x → 1" pipe	105x (circ.)
9 5/8"	36#	2600'	12 1/2"	102.5x	250.5x (circ.)
5 1/2"	15.5#	7350'	7 7/8"	174.5x in two stages	TOC at 2700'

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
		NONE			2 7/8"	7051'	—

31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

7128', 29', 30', 31', 32', 33', 7134' and
7138', 39', 40', 41', 42', 43', 7144' w/
2 JSPPF. Total 28 holes

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7128'-7134' and 7138'-7144'	1680 gals 15% HCL-NE-FE acid and 1764 gals TFW

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1-28-83		Pumping				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-6-83	24	NA	→	26	56	25	2154
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
NA	NA	→	26	56	25	NA	

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

Sold

Test Witnessed By

E. Lehman

35. List of Attachments

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

[Signature]

TITLE Administrative Supervisor

DATE

2/18/83

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 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 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. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>764</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>919</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1588</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>1850</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>2266</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>3888</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>5256</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>5909</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>7284</u>	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 <u>Abo</u> <u>7070</u> to <u>7284</u>	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	764	764	Anhydrite, salt & red beds				
764	919	155	Sand and shale				
919	1588	699	Dolomite sand				
1588	2266	678	Sand				
2266	3888	1622	Dolomite				
3888	5256	1368	Sand				
5256	5909	653	Sand & shale, dolomite				
5909	7284	1375	Dolomite				