

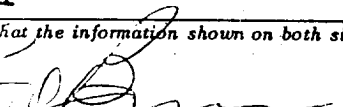
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HOBBS OFFICE G. C. C.

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT
Orig & 2cc: OCC Hobbs
cc: State Land Office
cc: Regional Office
cc: file

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. K - 3851

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESV. ☐ OTHER ☐		8. Farm or Lease Name Lea 946 State	
2. Name of Operator Sinclair Oil & Gas Company		9. Well No. 3	
3. Address of Operator P. O. Box 1920, Hobbs, New Mexico		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM West 2 TWP. 18S RGE. 35E NMPM		12. County Lea	
15. Date Spudded 2-10-66	16. Date T.D. Reached 3-21-66	17. Date Compl. (Ready to Prod.) 3-29-66	18. Elevations (DF, RKB, RT, GR, etc.) 3900' GR
20. Total Depth 9000'	21. Plug Back T.D. 8981'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-9000'
24. Producing interval(s), of this completion - Top, Bottom, Name 8937-75' Buckeye Abo			25. Was Directional Survey Made No
26. Type Electric and Other Logs Run Acoustic Gamma Ray Neutron Caliper Log, Micro Survey and Nuclear Log			27. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13-3/8" OD	48#	375'	17 1/2"
8-5/8" OD	24 & 32#	3596'	11"
4-1/2" OD	11.6#, 10.5# & 9.5#	9000'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
225 sks.			
1300 sks.			
1290 sks.			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD		PACKER SET	
SIZE 2-3/8" OD	DEPTH SET 8976'	8880'	
31. Perforation Record (Interval, size and number) 8937-41-44-48-54-56-58-62-64-72-75' w/ 22 - 3/8" holes.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
8937-75'		500 gals. M.A.	
33. PRODUCTION			
Date First Production 3-29-66	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Prod.
Date of Test 3-31-66	Hours Tested 12	Choke Size 1 1/4" / 64"	Prod'n. For Test Period
Oil - Bbl. 120	Gas - MCF 110	Water - Bbl. 0	Gas - Oil Ratio 920:1
Flowing Press. 275	Casing Pressure Pkr	Calculated 24-Hour Rate 240	Oil Gravity - API (Corr.) 38.8
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By C. E. Butler
35. Attachments DST #1			
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 		TITLE Superintendent	
		DATE 3-31-66	

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 3137'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 4185'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4840'	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 Reef 8540'	T. Wingate	T. _____
T. Wolfcamp	T. _____	T. Chinle	T. _____
T. Penn.	T. _____	T. Permian	T. _____
T. Cisco (Bough C)	T. _____	T. Penn. "A"	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1200	1200	Red Bed				
1200	1748	548	Red Bed, Salt & Anhydrite				
1748	3003	1255	Anhydrite & Salt				
3003	3198	195	Anhydrite				
3198	3596	398	Anhydrite & Lime				
3596	7548	3952	Lime				
7548	7623	75	Lime, Chert & Shale				
7623	7963	340	Lime				
7963	8013	50	Lime & Sand				
8013	8491	478	Lime				
8491	8574	83	Lime & Shale				
8574	9000	426	Lime				

HOBBS OFFICE O. C. C.

APR 4 8 04 AM '66

SINCLAIR OIL & GAS COMPANY

Lea 946 State Well #3

Unit C, 660' from North and 1980' from West Line Section 2-T18S-R35E, Lea Co., New Mex.

DST #1. (8673-8771') 5/8" X 1" Choke, no water cushion. Open 2 hrs. w/good blow gas to surface in 14 mins. @ rate of 78 MCF, 72 MCF in 30 mins. 63 MCF in 1 hr. 31 MCF @ end of 2 hrs. Recovered 400' Oil & Gas Cut Mud, 1920' Oil Gvty 38.4, 60' Oil & Gas Cut Mud and 60' Filtrate Water. 10 mins. IOFP 209#, 1 hr. ISIP 3211#, 2 hrs. IOFP 284#, FFP 613#, 2 hr. FSIP 3149#. Hyd. Press. 3897-3897. Temp. 168°.