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Form C-105
Revised 1-1-65

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.
K-6667

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Diamond State
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat

2. Name of Operator
ELK OIL COMPANY
3. Address of Operator
Box 310, Roswell, New Mexico 88201

4. Location of Well
UNIT LETTER **J** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM
East **16** **16S** **34E**
THE LINE OF SEC. TWP. RGE. NMPM

12. County
Lea

15. Date Spudded **8/21/69** 16. Date T.D. Reached **10/27/69** 17. Date Compl. (Ready to Prod.) **12/1/69** 18. Elevations (DF, RKB, RT, GR, etc.) **4125 KB** 19. Elev. Casinghead **4112**
20. Total Depth **13023'** 21. Plug Back T.D.
22. If Multiple Compl., How Many
23. Intervals Drilled By **Rotary Tools** **0-13023** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
12750-12772 Morrow sand, Penn.

25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Schlumberger Neutron-Porosity-Laterlog

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
13 3/8	46#	352	17 1/2	350 sax	
8 5/8	24 & 32#	4538	11	400	
4 1/2	13.5#	13023	7 7/8	400 sax	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	12760	12600

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12755 - 12766 10 jets, 1 per foot, 1/2"		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		12750-12772	1000 gals MCA acid

33. PRODUCTION
Date First Production **12/5/69** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Testing**
Date of Test **12/5/69** Hours Tested **4** Choke Size **1/8** Prod'n. For Test Period **2** Oil - Bbl. **613** Gas - MCF **2** Water - Bbl. **307,500**
Flow Tubing Press. **1052** Casing Pressure **250** Calculated 24-Hour Rate **24** Oil - Bbl. **3678** Gas - MCF **24** Water - Bbl. **49.6** Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **No contract as yet** Test Witnessed By

35. List of Attachments
Schlumberger Logs

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 *John M. Kelly* TITLE **Consultant** DATE **2/25/70**

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3737</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4525</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5057</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7920</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9738</u>	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	100	100	Surface sand & caliche				
100	1500	1500	Redbed				
1500	1800	200	Anhydrite				
1800	2200	400	Salt				
2200	6000	3800	Anhydrite, dolomite				
6000	8000	2000	Lime dolomite				
8000	9700	1700	Shale dolomite				
9700	10400	700	Lime				
10400	11300	900	Lime shale				
11300	13030	1700	Sand lime & shale				