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Form O-105  
Revised 11-80

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

1. Estimate Type of Lease  
State  Free   
 2. State of Lease  
K-6874

3. TYPE OF WELL  
 OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 4. TYPE OF COMPLETION  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

5. Lease Agreement Name  
N.E. Kemnitz  
 6. Lease Name  
N.E. Kemnitz  
 7. Well No.  
6

8. Name of Operator  
ELK OIL COMPANY  
 9. Address of Operator  
P. O. BOX 310, ROSWELL, NEW MEXICO 88201  
 10. Location of Well

11. Field and Pool, or Wellcat  
Undesignated R-6758

12. IT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM  
 13. E West LINE OF SEC. 9 TWP. 16S RGE. 34E NMPM

14. County  
Lea

15. Date Spudded 3/11/81 16. Date T.D. Reached 5/11/81 17. Date Compl. (Ready to Prod.) 5/25/81 18. Elevations (DF, RKB, RT, GR, etc.) 4120 KB 19. Elev. Casinghead 4126  
 20. Total Depth 13,365 21. Plug Back T.D. 13,325 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled By \_\_\_\_\_ Rotary Tools X Cable Tools \_\_\_\_\_  
 24. Producing Interval(s), of this completion - Top, Bottom, Name  
13,250-13,264 Morrow 25. Was Directional Survey Made Yes  
 26. Type Electric and Other Logs Run Schlumberger; CNL-FDC: DLL/RXO 27. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4	34#	400	17	400	None
8 5/8	32/24#	4500	12 1/4	2050	None
5 1/2	17/20#	13365	7 7/8	825	None

LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	13,265	13,195

Perforation Record (Interval, size and number)  
13,250-13,264 4 S/ft 1/2" (56 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

PRODUCTION

31. First Production 5/25/81 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Flowing Well Status (*Prod. or Shut-in*) Shut-in

32. Date of Test <u>5/25/81</u>	Hours Tested <u>4 hr</u>	Choke Size <u>32/64</u>	Prod'n. For Test Period <u>→</u>	Oil - Bbl. <u>-0-</u>	Gas - MCF <u>580</u>	Water - Bbl. <u>-0-</u>	Gas - Oil Ratio <u>-0-</u>
33. Tubing Press. <u>1500</u>	Casing Pressure <u>Pkr</u>	Calculated 24-Hour Rate <u>→</u>	Oil - Bbl. _____	Gas - MCF <u>3,500</u>	Water - Bbl. <u>-0-</u>	Oil Gravity - API (Corr.) <u>-0-</u>	

Disposition of Gas (*Sold, used for fuel, vented, etc.*) Shut-in Test Witnessed By J. Kelly

List of Attachments  
2 copies of logs and directional survey

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 J. Kelly TITLE President DATE 6/5/81

M

**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 35 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 <u>1590</u>	T. Canyon <u>11,337</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>12,073</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>12,300</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2835</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3695</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4515</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta <u>6082</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7282</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7955</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>10,082</u>	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>11,056</u>	T. _____	T. Penn. "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from <u>10,632</u> to <u>10,777</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	1590	1590	Sand, Gravel				
1590	2835	1245	Salt & Shale				
2835	4515	1680	Dolomite, lime, sand				
4515	6082	1567	Lime				
6082	7955	1873	Sand lime, & Shale				
7955	10082	2127	Shale, dolomite				
10082	12300	2218	Lime, Shale				
12300	13365	1065	Lime, shale, sand				

RECEIVED  
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OIL CONSERVATION DIV.

FIELD N. E. Kemnitz Unit COUNTY Lea, NM OCC NUMBER \_\_\_\_\_  
 OPERATOR Elk Oil Company ADDRESS Box 310, Roswell, New Mexico 88201  
 LEASE N. E. Kemnitz WELL NO. 6  
 SURVEY 660' FSL & 1980' FWL of Section 9 T-16-S R-34-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
496	1
914	1
1,560	3/4
2,191	1
2,674	1
3,119	3/4
3,625	3/4
4,068	3/4
4,412	1
4,513	1
5,002	1/2
5,690	3/4
5,946	3/4
6,608	1
6,923	1 1/2
7,420	1 1/4
7,967	3/4
8,572	3/4
9,045	1 3/4
9,540	1 1/4
10,098	1 1/2
10,530	1 1/2
10,777	2 1/2
11,327	2 1/2
11,776	3 3/4
12,112	4 1/4
12,411	4
12,688	3
13,290	3 1/4
13,365	3 1/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]  
 Walter Fredrickson  
 Vice President

Sworn and subscribed to before me the undersigned authority, on this the

20<sup>th</sup> day of May, 1981.

Margaret B. Anderson, Notary Public in and for Midland County, Texas  
 Margaret B. Anderson