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Form C-105  
Revised 11-1-76

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

54. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
**LG-6785**

14. 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  
**State 23**

2. Name of Operator  
**Nucorp Energy, Inc.**

3. Address of Operator  
**c/o Cil Reports & Gas Services, Inc., Box 763, Hobbs, NM 88240**

9. Well No.  
**1**

10. Field and Pool, or Wildcat  
**Under. E. Caprock Penn**

4. Location of Well  
UNIT LETTER **K** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM  
THE **West** LINE OF SEC. **23** TWP. **12S** RGE. **32E** NMPM

12. County  
**Lea**

15. Date Spudded **11/28/79** 16. Date T.D. Reached **1/29/80** 17. Date Compl. (Ready to Prod.) **2/25/80** 18. Elevations (DF, RKB, RT, GR, etc.) **4357.3 KB** 19. Elev. Casinghead

20. Total Depth **11,264** 21. Plug Back T.D. **10,481** 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled By **Rotary Tools** Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**353**  
**10,531 - 10,361 Atoka**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**Density - Neutron, Forxo - Guard, Acoustic Velocity - Gamma**

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	48#	412	17 1/2	350	None
8 5/8	24# & 32#	3636	12 1/4	2100	None
4 1/2	11.6#	10524	7 7/8	900	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	10,244	10,244

31. Perforation Record (Interval, size and number)  
**10,353 - 10,361, 1 shot per foot**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	<b>None - Natural</b>

33. PRODUCTION

Date First Production **2/25/80** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **Flowing** Well Status (*Prod. or Shut-in*) **Shut In**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/26/80	24	16/64		192	1213	None	6318

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
1410#	Packer					53°

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
**To be sold, well shut in waiting on connection**

Test Witnessed By  
**C. Allen Dorsey**

35. List of Attachments  
**1 copy electric 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 *W. Allen Walker* TITLE Agent DATE 3/6/80

**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 test results 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 <b>9411</b>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <b>10,096</b>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <b>11,250</b>	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <b>5000</b>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <b>6443</b>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <b>7265</b>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <b>8440</b>	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 <b>8468</b> to <b>8490</b>	No. 4, from _____ to _____
No. 2, from <b>10,353</b> to <b>10,361</b>	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 <b>None Logged</b> 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	413	413	Surface sand & shale	DST #1 11, 124-11,264.			Recovered
413	2300	1887	Red Bed & Salt	372' mud, 1442' water blanket, 810' formation water.			<b>F SIP 4490</b>
2300	5300	3000	Anhydrite				
5300	6060	760	Anhydrite & Lime				
6060	7310	1250	Anhydrite & Shale	DST #2 8468 - 8490.			Fair blow increasing
7310	7390	80	Lime & Limey Shale	to strong blow. Gas to surface 37 minutes.			
7390	9800	2410	Shale, Lime & Dolomite	Recovered 10' free oil, 173' O & G cut mud,			
9800	10115	315	Sand, Lime & Shale	956' gas cut water.			
10115	11264	1149	Lime, Shale & Dolomite				

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