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Form C-105  
Revised 11-1-76

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.

*Bureau of Minerals*

**RECEIVED**

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER

7. Unit Agreement Name

2. Name of Operator  
**Marbob Energy Corp.**

8. Farm or Lease Name  
**Mack Draw**

3. Address of Operator  
**P.O. Box 304, Artesia, N.M. 88210**

9. Well No.

4. Location of Well  
UNIT LETTER **J** LOCATED **1980** FEET FROM THE **S** LINE AND **1980** FEET FROM

10. Field and Pool, or Wildcat  
**Undesignated Grayburg**

THE **East** LINE OF SEC. **2** TWP. **19S** RGE. **26E** COUNTY **Eddy**

12. County

15. Date Spudded **9-9-77** 16. Date T.D. Reached **9-19-77** 17. Date Compl. (Ready to Prod.) **10-24-77** 18. Elevations (DF, RKB, RT, GR, etc.) **3289.3 GL** 19. Elev. Casinghead

20. Total Depth **2065** 21. Plug Back T.D. **1254'** 22. If Multiple Compl., How Many **→** 23. Intervals Drilled By **X** Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**996-1002 Grayburg** **1104-1112 1118-1123** **1206-1210**

25. Was Directional Survey Made

26. Type Electric and Other Logs Run  
**COMPENSATED NEUTRON; GAMMA-RAY NEUTRON**

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20#	925'	10"	310 sx cement circ 36sx	
4 1/2"	10.50	1254'	6 1/2"	150sx cement circ 25	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 1/2"	1220	

31. Performance (Interval, size and number)

**((996)1002 - 12 sh/6ft.**  
**1104-1112 - 8 sh/8 ft.**  
**1118-1123 - 5 sh/5 ft.**  
**1206-1210 - 8 sh/ 4 ft.**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
996-1002	acidize w/ 1,000 gal 15% hcl acid
1104-1123	acidize w/ 1500 gal mca acid
1118-1123	frac w/ 20,000 gal 2% KCL gelled w/ 100 gal 15% MCA acid
1206-1210	acidize w/ 500 gal 15% MCA acid

33. PRODUCTION

Date First Production **10/24/77** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **pumping** Well Status (*Prod. or Shut-in*) **Producing**

Date of Test **10/27/77** Hours Tested **24** Choke Size **4** Prod'n. For Test Period **→** Oil - Bbl. **4** Gas - MCF **TSTM** Water - Bbl. **6** Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate **→** Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Test Witnessed By

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 *Sherry Hammon* TITLE **Secretary** DATE **10/31/77**

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ days after the completion of any newly-drilled or deepened well. It shall be accompanied by \_\_\_\_\_ copy of all electrical and radio-activity logs run \_\_\_\_\_ 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 _____            | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg <u>1004</u>   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>1274</u> | 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 _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____         | 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>996</u> to <u>1002</u>  | No. 4, from <u>1206</u> to <u>1210</u> |
| No. 2, from <u>1104</u> to <u>1112</u> | No. 5, from _____ to _____             |
| No. 3, from <u>1113</u> to <u>1123</u> | 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	20	20	surface soil				
20	244	224	red bed				
244	875	531	anhy & shale				
875	925	50	anhy. & lime				
925	926	1	lime				
926	1135	209	anhy & shale				
1135	1230	95	anhy & lime				
1230	2065	835	lime				