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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.

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
Ralph Estate

2. Name of Operator
Mark Production Company

3. Address of Operator
1108 Simons Building, Dallas, Texas 75201

9. Well No.
3

10. Field and Pool, or Wildcat
D-K Abo

4. Location of Well
UNIT LETTER **H** LOCATED **2310** FEET FROM THE **North** LINE AND **990** FEET FROM
THE **East** LINE OF SEC. **30** TWP. **20S** RGE. **39E** NMPM

12. County
Lea

15. Date Spudded **11-3-71** 16. Date T.D. Reached **11-25-71** 17. Date Compl. (Ready to Prod.) **12-2-71** 18. Elevations (DF, RKB, RT, GR, etc.) **3547' GL** 19. Elev. Casinghead **--**

20. Total Depth **7400'** 21. Plug Back T.D. **-** 22. If Multiple Compl., How Many **-** 23. Intervals Drilled By Rotary Tools **XX** Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
7012' - 7352' Abo

25. Was Directional Survey Made **Yes**

26. Type Electric and Other Logs Run
Acoustic Velocity

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
8-5/8"	24#	1670'	12-1/4"	700 sacks - Crc.	
4-1/2"	11.6#	7400'	8-5/8"	390 sacks	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	6943'	6923'

31. Perforation Record (Interval, size and number)
7012' - 7352' 23 1/2" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7012' - 7352'	2000 gals 15% acid
	8000 gals 28% acid
	8000 gals 3% acid

33. PRODUCTION

Date First Production **12-1-71** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **Flowing** Well Status (*Prod. or Shut-in*) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-2-71	24 hrs	16/64"	→	147	230	14 bbl acid	1564:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
640 psi	-	→	147	230	14 bbl acid	34.7°

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

35. List of Attachments
Acoustic Velocity Log, Deviation Record

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 *Gaylord Thompson* TITLE Assistant Secretary DATE Dec. 3, 1971

November 29, 1971

TO: New Mexico Oil Conservation Commission

SUBJECT: Deviation Record of the Ralph Estate No. 3, 2310'
FNL and 990' FEL, Section 30, T-20-S, R-39-E, Lea
County, New Mexico

Operator: Mark Production Company

DEVIATION RECORD

389'	-	1/2 deg.
608'	-	3/4 deg.
1,013'	-	1/2 deg.
1,345'	-	3/4 deg.
1,670'	-	3/4 deg.
1,969'	-	1/2 deg.
2,157'	-	1-1/4 deg.
2,471'	-	1 deg.
2,786'	-	1-1/2 deg.
2,891'	-	1-1/4 deg.
3,306'	-	1/2 deg.
3,885'	-	3/4 deg.
4,489'	-	1/2 deg.
4,643'	-	3/4 deg.
5,142'	-	1/4 deg.
5,645'	-	1/4 deg.
6,016'	-	1/4 deg.
6,500'	-	1/2 deg.
7,010'	-	3/4 deg.
7,300'	-	1/4 deg.
7,400'	-	1/4 deg.

TRI-SERVICE DRILLING COMPANY
Drilling Contractor


W. L. Dawson, Asst. Secretary

BEFORE ME, the undersigned authority, on this day personally appeared W. L. Dawson, known to me to be the person and officer whose name is subscribed to the foregoing instrument, and states that he is acting at the direction and on behalf of the Operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

W. L. Dawson
W. L. Dawson

SUBSCRIBED AND SWORN to before me this the 29th day of November, 1971.

Betty J. Howell
Notary Public in and for Midland County, Texas. My Commission expires July, 1973.