

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 04063

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

7. FARM OR LEASE NAME

Federal

9. WELL NO.

2-10 10

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10, T-20-S, R-34-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

HOBBS OFFICE O.C.  
FEB 24 3 13 PM '65

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Greathouse, Pierce & Davis**

3. ADDRESS OF OPERATOR  
**609 Midland Nat'l. Bank Bldg., Midland, Texas**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **660' FNL & 1980' FEL of Sec. 10**

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED **12-6-64** 16. DATE T.D. REACHED **1-28-65** 17. DATE COMPL. (Ready to prod.) **2-3-65** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **3633.7 Gr.** 19. ELEV. CASINGHEAD **3640'**

20. TOTAL DEPTH, MD & TVD **13,220** 21. PLUG, BACK T.D., MD & TVD **13,220** 22. IF MULTIPLE COMPL., HOW MANY\* **No** 23. INTERVALS DRILLED BY **0 - T.D.** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**Morrow 13,162 - 13,168 (Perfs.)** 25. WAS DIRECTIONAL SURVEY MADE  
**Totco**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Acoustic - Velocity & Ind - ES** 27. WAS WELL CORED  
**No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	528'	17"	300 sxs Reg. 27 CaCl <sub>2</sub>	None
8-5/8	24# & 32#	5050'	11"	400 sxs 50-50 Pos-mix	None
4-1/2	13.5#	13,200'	7-7/8"	250 sxs 50-50 Pos-mix	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	none				2-3/8	13,170	13,140

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,162 - 13,168	4 shots/ft. 9 gram	none	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing		Dist.		Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	WATER—BBL.	GAS—MCF.	GAS—OIL RATIO	
2-14-65	24	18/64	229.5	none	5,101	22,000 - 1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3123	Packer	same					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **vented** TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *[Signature]* TITLE **Partner** DATE **2-24-65**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
	0	1550	gravels, clays & shales	T/ Rustler	1550		
	1550	3815	anhyd. & red beds	T/ Salt	3150		
	3815	4655	sand & anhyd. & shale	T/ Yates	3395		
	4655	5440	Dol. & shale	T/ Queen	3670		
	5440	6400	Lime & shale	T/ Lime	4650		
	6400	6480	shale	T/ Bone Spr.	8250		
	6480	8250	Lime & shale	T/ Strawn	12110		
	8250	10625	Lime, shale & sand				
	10625	11270	shale				
	11270	12600	Lime & shale				
	12600	13200	sand, lime & shale				

**37. SUMMARY OF POROUS ZONES:**

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

**38. GEOLOGIC MARKERS**