

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other  
instructions  
reverse side)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

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  
**Ralph E. Williamson**

3. ADDRESS OF OPERATOR  
**Box 16, Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1980 FEL 660 FSL**  
At top prod. interval reported below **Same**  
At total depth **Same**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED **12-9-74**

5. LEASE DESIGNATION AND SERIAL NO.  
**LC 062269-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Graham Federal**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Double X Delaware**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**22 T24S R32E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**NM**

15. DATE SPUDDED **1-3-75** 16. DATE T.D. REACHED **1-16-75** 17. DATE COMPL. (Ready to prod.) **3-4-75**

18. ELEVATIONS (DF, RESB, RT, GR, ETC.)\* **3593 GR** 19. ELEV. CASINGHEAD **3694**

20. TOTAL DEPTH, MD & TVD **4957** 21. PLUG BACK T.D., MD & TVD **4932** 22. IF MULTIPLE COMPL., HOW MANY\* **Single**

23. INTERVALS DRILLED BY **0-4957** ROTARY TOOLS **None** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**Delaware Sand 4900-4920**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

27. WAS WELL CORED  
**Yes**

28. TYPE ELECTRIC AND OTHER LOGS RUN  
**Density-GR Induction-SP**

CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8-5/8	28	354	12-1/4	200 sx Class C		0
4-1/2	10.5	4957	7-7/8	150 sx 50-50 pozmax		0

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	4880	None

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	DIAMETER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4902-4911	9 holes 0.42" diameter	4902-4911	500 gal. acid DS-30
		4902-4911	4000 gals. lease oil 3000# 20-30

33.* PRODUCTION							WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)							
3-4-75	Pumping 1-1/4 Harbison-Fisher						Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3-4-75	24	Full	→	16	20	60	1250-1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
0	0	→	16	20	60	41		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Vented** TEST WITNESSED BY **Bill Heaton**

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 Ralph E. Williamson TITLE Operator DATE 3-5-75

\*(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.)

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	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Delaware Sand	4900	4960	Gray Sand
Core	4895	4957	4895-4980 shale, 4900-4920 Sand bleeding oil and water, 4920-46 shale, 4946-57 sand w/slight show of oil
Delaware Sand			

  

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Rustler	1030		1030
Salt	1200		1200
Castile	2780		2780
Lower Castile	4625		4625
Delaware Lime	4855		4855
Delaware Sand	4900		4900