

**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.

**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  
**Allen K. Trobaugh**

3. ADDRESS OF OPERATOR  
**509 First National Bank Bldg, Midland, Tex. 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **2086' FSL & 554' FEL of Section 33**

At top prod. interval reported below

At total depth **Same**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED **1/23/70**

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-045288**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
**Comm #SW 491**

8. FARM OR LEASE NAME  
**Mallard-Federal**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Vada Penn**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec 33, T-9-S, R-34-E, N.M.P.M.**

12. COUNTY OR PARISH **Lea** 13. STATE **New Mexico**

15. DATE SPUNDED **1/29/70** 16. DATE T.D. REACHED **3/3/70** 17. DATE COMPL. (Ready to prod.) **P&A 3/5/70** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **4238 GR 4250 KB** 19. ELEV. CASINGHEAD **--**

20. TOTAL DEPTH, MD & TVD **9885'** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* **--** 23. INTERVALS DRILLED BY **All** ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**None** 25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Welex-Compensated Acoustic-Velocity (KB Datum)** 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"	54#	385'	17"	400 sax circulated	-0-
8 5/8"	24, 28&32#	4075'	11"	350 sax (top cmt 3150 temp survey)	1143'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
**None**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>None</b>	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
		<b>PA</b>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	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  
**Log, DST, Deviation Record**

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

SIGNED **Allen K. Trobaugh** TITLE **Operator** DATE **3/31/70**

\*(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

FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS		
	DEPTH	MEAS. DEPTH				MEAS. DEPTH	TRUE VERT. DEPTH	
Anhydrite	2108		2160	Anhydrite				
Salt	2160		2750	Salt				
Yates	2750		3955	Sand & shale				
San Andres	3955		5442	Lime				
Glorietta	5442		6970	Sand & shale				
Tubb	6910		7760	Sand & shale				
Abo	7760		8860	Sand & shale				
Wolfcamp	8860		9415	Sand & shale				
Three Brothers	9415		9450	Lime				
Bough C	9814		9885	Lime				
DST #1: 9770-9885'. No water cushion. Open 2 hrs. Rec 360' drlg mud, 1490' salt water. Ch 60,000 ppm. R <sub>w</sub> 0.08. IHP: 5429, ISIP 1½ hrs: 2989, IFP: 293, FFP: 745, FSIP/2hrs: 2688, FHP 5369 BHT 160								