

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 015908

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MURPHY-FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

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

4-9S-35-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

J. C. 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 660' FNL & 660' FNL of Section 4, T-9-S, R-35-E, NMPM

At top prod. interval reported below 9745'

At total depth 9770'

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7/15/66

16. DATE T.D. REACHED

8/26/66

17. DATE COMPL. (Ready to prod.)

9/12/66

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4207' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9770

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - 9770'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9745 - 9770' Open Hole

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Radioactivity Log

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	488	357'	17"	350 sx	None
8 5/8	32 & 24	4029'	11"	250 sx	1004'
4 1/2	9 1/2 & 11.60	9745	6 3/4"	350 sx	4649'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2" EUE	9755'	9683'

31. PERFORATION RECORD (Interval, size and number)

Open Hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9745 - 9770	Washed w/250 Gals Mud Acid

NOTE: Well tested on Kobe Pump. Did not make any measureable oil.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Abandoned)	
9/12/66		KOBE Pump (Casing Pump)				Plugged & Abandoned	
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

LIST OF ATTACHMENTS

Radioactivity Log mailed 10/18/66

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

ED

TITLE

Prod. Engineer

DATE

November 29, 1966

*(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 33.

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 RECORDS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Cretaceous	0	350	Sand, Shale & Conglomerate		
Triassic	350	1930	Red Shale & Basal Conglomerate		
Permian Dawie Lake	1930	2190	Red Shale		
Permian Rustler	2190	2260	Anhydrite & Shale		
Permian Salado	2260	2620	Salt, Anhy. & Polyhalite		
Permian Tancell	2620	2725	Anhy. & Shale		
Permian Yates	2725	2915	Sand & Shale		
Permian Seven Rivers	2915	4100	Sand, Anhy. & Dolomite		
" Queen					
" Grayburg					
Permian San Andres	4100	5437	Dolomite & Anhydrite		
Permian Glorieta	5437	5900	Sand, Salt & Anhydrite		
Permian Clearfork	5900	7710	Dolomite & Anhydrite		
Permian Abo	7710	9025	Red Shale & Dolomite		
Permian Wolfcamp	9025	9770	Lime & Shale		
				Top Bough "C"	9745'
				Elevation 4207'	DF