

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
NM OIL CONS. COMMISSION  
Drawer DD

SUBMIT IN DUPLICATE

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐  
JAN 17 8 48 AM '84  
BUR OF MINES  
ROSWELL DISTRICT2. NAME OF OPERATOR  
J. C. Williamson

3. ADDRESS OF OPERATOR

P. O. Box 16, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 660' FNL &amp; 1980' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED  
8-1-83RECEIVED BY  
MAR 02 1984  
O. C. D.  
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

NM 20367

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
MWJ Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Brushy Draw

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

Section 35

T-26-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED 11-11-83 16. DATE T.D. REACHED 11-22-83 17. DATE COMPL. (Ready to prod.) 1-7-83 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 2891.4 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6250' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 5 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
X

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

See 2nd Page

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN-CDL-GR-CAL, Prolog, DLL-GR

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
12-3/4	35#	373'	17-1/2"	375 Sx Circulated	
8-5/8"	32#	2790'	11"	150 Sx Circulated	
4-1/2"	10.5#	6250'	7-7/8"	1450 SX Circulated	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-1/4"	6210'	None

31. PERFORATION RECORD (Interval, size and number)

See Attached Sheet

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached Sheet	

33.\* PRODUCTION

DATE FIRST PRODUCTION 1-7-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-9-84	HOURS TESTED 24	CHOKE SIZE 0	PROD'N. FOR TEST PERIOD → 250	OIL—BBL. 250	GAS—MCF. 1.5	WATER—BBL. 350	GAS-OIL RATIO 1500-1
FLOW. TUBING PRESS. 0	CASING PRESSURE 0	CALCULATED 24-HOUR RATE → 250	OIL—BBL. 250	GAS—MCF. 1.5	WATER—BBL. 350	OIL GRAVITY-API (CORR.) 37.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

ACCEPTED FOR RECORD TEST WITNESSED BY

PETER W. CHESTER

35. LIST OF ATTACHMENTS

FEB 29 1984

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

SIGNED

TITLE

Production Secretary

DATE

1/16/84

\*(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:** "Seals 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: <small>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COHED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES</small>				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
L. Delaware No tests or cores	6097	6097	Tested 5 zones of good porosity and permeability in Lower Delaware sands all tested oil; gas & water. Will produce them all together (multiple completion).	T/Delaware	2918	-14' below sea level	
	5680	5701		T/Cherry Canyon	3856	-952'	
	5421	5453		C.C. Marker	4022	-118'	
	5149	5167		T/Brushy Canyon	5268	-2364'	
	4987	5068					

J. C. Williamson  
MWJ Federal #2  
660' FNL & 1980' FEL of Section 35, T-26-S, R-29-E, Eddy Co., NM.  
NM 20367

#31. Perforation Record (Interval, Size and Number)

6097 - 6187' 0.36 12 Holes

5680 - 5701 0.36 8 Holes

5421 - 5453 0.36 9 Holes

5149 - 5167 0.36 7 Holes

4987 - 5068' 0.36 14 Holes

#32. Acid, Shot, Fracture, Cement Squeeze, Etc.

6097 - 6187 - 2,000 Gal. 15% Acid  
Frac 15,000 Gal. gelled KCL Water, 30,000# 20-40 Sand.

5680 - 5701' - 2,000 Gal 15% Acid

5421 - 5453' - 2,000 Gal 15% Acid  
Frac 10,000 Gal. Gelled KCL Water 20,000# 20-40 Sand.

5149 - 5167' - 2,000 Gal 15% Acid

4987 - 5068' - 5,000 Gal 15% Acid  
Frac 25,000 Gal. gelled KCL Water, 55,000# 20-40 Sand.

LANDIS DRILLING COMPANY  
P. O. Box 3579  
MIDLAND, TEXAS 79702

OPERATOR J. C. WILLIAMSON ADDRESS P. O. Box 16, Midland, TX 79702

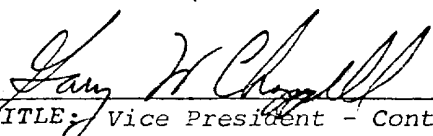
LEASE NAME MWJ Federal WELL NO. #2

LOCATION 1980'FEL & 660'FSL, Section 35, T-26-S, R-29-E, Eddy County, NM

DEPTH	ANGLE- INCLINATION DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
373	1 3/4	11.39	11.39
857	1 1/2	12.67	24.06
1366	1 1/4	11.11	35.17
1635	1 1/4	5.87	41.04
2127	1 1/4	10.74	51.78
2620	1	8.60	60.38
2790	3	8.90	69.28
3286	2 1/2	21.64	90.92
3762	2 1/2	20.76	111.68
4285	2 1/4	20.53	132.21
4786	2	17.48	149.69
5255	1 3/4	14.32	164.01
5790	1 3/4	16.34	180.35
6250	2 1/4	18.06	198.41

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

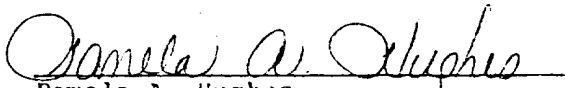
  
TITLE: Vice President - Contracts

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed herebelow, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief, such well was not intentionally deviated from the true vertical whatsoever.

  
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 30th day of November, 1983.

  
Pamela A. Hughes  
Notary Public in and for the  
County of Midland, Texas