

UNITED STATES OIL SUBSIDY COMMISSION

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

88210 (reverse side)

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

5. LEASE DESIGNATION AND RECEIVED

NM-12110

APR 28 1982

7. UNIT AGREEMENT NAME

O.C.D.

8. FARM OR LEASE NAME

Dog Canyon 31 E Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Crow Flats Morrow (Ext.)

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

31-16S-28E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

18. ELEV. CASINGHEAD

3525' GL

23. INTERVALS DRILLED BY

0-9620

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

no

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

MWJ PRODUCING COMPANY

3. ADDRESS OF OPERATOR

1804 First National Bank Bldg. Midland, Texas 79701

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

At surface 1980' FNL & 660' FWL Sec 31, T-16S, R-28E 1/2 1382

At top prod. interval reported below

At total depth same

14. PERMIT NO. DATE ISSUED

9/16/81

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

10/21/81 12/3/81 3/26/82

18. ELEVATIONS (DF, REB, RT, GR, ETC.)

3525' GL

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

9620' 9570' N/A

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

9351'-56' Morrow

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger CPL, Dual Laterolog Micro-SFL & Compensated Neutron Density

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT CULLED
13-3/8"	48#	416'	17 1/2"	450 sx Class "C"	none
8-5/8"	24#	1805'	11"	800 sx Lite & 200 sx "C"	none
4-1/2"	11.6#	9620'	7-7/8"	200 sx Class "H"	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD:

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	9525'	9309'

31. PERFORATION RECORD (Interval, size and number)

9351-56' 2 SPF 4"

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

9351-56' 1000 gal 7 1/2% HCL + 1000 gal SCE

N-2/bbl.

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

3/26/82 Flowing

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

3/26/82 2 3/8" 3 1071 50 0

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

315 psi --- 3 1071 6

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

TEST WITNESSED BY

Eddie Balentine

35. LIST OF ATTACHMENTS

Logs, Deviation Report,

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

SIGNED U.S. GEOLOGICAL SURVEY TITLE Agent

ROSWELL, NEW MEXICO DATE 4/12/82

(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 report 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.	HP	HP Out	110
San Andres	2310	2381	IFP 10 min ISIP 20 min FFP 60 min FSIP 120 min Recovered 6' drlg fluid Sample Chamber - no recovery Cushion Data	1113	54	54
				IFP	54	54
				FFP	54	54
				ISIP	72	90
						2.5 psi

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Yates	189'		
Queen	909'		
San Andres	1710'		
Glórietta	3135'		
ABO	5190'		
Wolfcamp	6350'		
Cisco	7435'		
Canyon	7935'		
Strawn	8560'		
Atoka	8970'		
Morrow	9235'		
Barnet	9495'		
Chester	9575'		

TO: New Mexico Oil Conservation Commission

FROM: MWJ Produci. mpany

SUBJECT: Deviation Report - Dog Canyon 31E Federal #1

LEGAL: 1980'/N, 660'/W, Sec. 31, Twp-16S, R-28-E, Eddy Co., N. RECEIVED

416'	3/4 deg.
901	1/2
1283	3/4
1805	1
2310	1
2815	3/4
3336	1/2
3835	3/4
4118	1
4639	1
5112	1/2
5607	3/4
6104	2 1/2
6197	2 1/4
6362	2 1/4
6509	1 3/4
6602	1
6818	1/4
7035	3/4
7508	1

8003'	1 deg.
8120	2 1/4
8255	2
8350	1 1/2
8405	1 1/4
8860	1
9265	1
9620	2 1/2

APR 28 1982

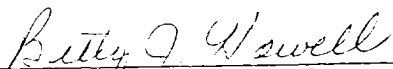
O. C. D.
ARTESIA, OFFICE

BEFORE ME, the undersigned authority, on this day personally appeared R. S. Bond, known to me to be the officer whose name is subscribed to the foregoing instrument, and that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.



R. S. Bond, V.P.

SUBSCRIBED AND SWORN to before me the 14th day of December, 1981.



Betty J. Howell

Notary Public in and for Midland
County, Texas.

My commission expires

10-31-84