

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

N 029301

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Martha Creek

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Indian Basin (Upper Penn)

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

Sec. 30-21S-24E

NMFM

12. COUNTY OR PARISH

Eddy County New Mexico

13. STATE

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. ☐

2. NAME OF OPERATOR

Kerr-McGee Oil Industries, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 1347, Odessa, Texas

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

At surface (Unit J) 1650' FSL and 1650' FEL, Sec. 30, T21S, R24E, Eddy County, New Mexico

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

1-6-65

16. DATE T.D. REACHED

2-20-65

17. DATE COMPL. (Ready to prod.)

March 1, 1965

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

3735' RKB

19. ELEV. CASINGHEAD

3721'

20. TOTAL DEPTH, MD & TVD

9572'

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

9471'

22. IF MULTIPLE COMPL., HOW MANY*

two (2)

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX

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

9152' top
9426' bottom Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric log, Cement Bond log, Sonic GR Caliper log, Amplitude log and Perforating Depth Control

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"	48	198' RKB	17 1/2"	250 sacks	None
9-5/8"	36	2002' RKB	12 1/2"	1575 sacks	None
7"	23 & 26	9522' RKB	8-3/4"	400 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7271' RKB	7271' RKB
					2-3/8"	9095' RKB	9095' RKB

31. PERFORATION RECORD (Interval, size and number)

9152'-62', 9318'-34', 9352'-60', 9396'-9406', and 9418'-26' GR with 4-1/8" gun w/4 shots per foot. 9224'-38' with 1 9/16" scallop gun with 4 shots per foot.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NONE	
	MAR 19 1965

33.*

PRODUCTION

DATE FIRST PRODUCTION

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

Flowing

O. C. C.

ARTESIAN (Producing or shut-in)

Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-4-65	4	Adj.	→	2.104	601	0	285.714
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2398 psia/min	pk	→	12.621	3606	0	50.6	

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

Vented

TEST WITNESSED BY

L. R. Boyce

35. LIST OF ATTACHMENTS

Well history summary, logs mailed separately

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

SIGNED

L. R. Boyce

TITLE

Production Engineer

DATE March 15, 1965

*(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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
3rd Bone Springs	6247'	6450'	Fine grain sand carrying water	Glorietta	2125'	
Cisco Reef	7288'	7850'	Limestone and dolomite gas 7288' to 7484' water 7484' to 7846'	Bone Springs	3408'	
Morrow	8967'	9435'	Morrow porosity carrying gas 9152'-62' 9224'-38' 9318'-34' 9352'-60' 9396'-406' 9418'-26'	Wolf Camp Shale	6450'	
				Cisco Reef	7288'	
				Strawn	8359'	
				Atoka	8665'	
				Morrow	8967'	
				Barnett Shale	9510'	