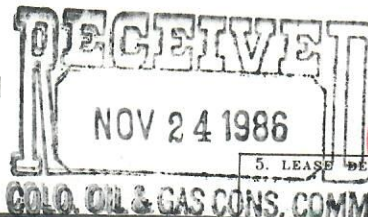




00653501

STATE OF COLORADO
GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCESFile one copy for Patented, Federal and Indian lands.
File in duplicate for State lands.

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

MURFIN DRILLING COMPANY

3. ADDRESS OF OPERATOR

250 North Water, Suite 300 Wichita, Ks. 67202

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

At surface 1900' FEL 2000' fSL of SE/4 Sec. 20-19S-47W

At top prod. interval reported below

NAME OF DRILLING CONTRACTOR

At total depth

same

14. PERMIT NO.

DATE ISSUED

86-409

7-7-86

12. COUNTY

Kiowa

13. STATE

Colo

15. DATE SPUDDED

9-25-86

16. DATE T.D. REACHED

10-05-86

17. DATE COMPL. (Ready to prod.)

10-6-86 (Plug & Abd.)

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

3980 KB 3985 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5030'

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

4955'

22. IF MULTIPLE COMPL., HOW MANY

--

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surface-TD

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

Top Morrow Sand 4721

4724-40' Morrow Sand

B/Sand 4765

25. WAS DIRECTIONAL SURVEY MADE

see back

26. TYPE ELECTRIC AND OTHER LOGS RUN DI; Form Density-Comp

27. WAS WELL CORED YES ☒ NO ☐ (Submit analysis)DRILL STEM TEST YES ☒ NO ☐ (See reverse side)

Neut.; Cyberlook; CN/Lithodensity

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5 5/8"	24#	373'	12-1/4"	100 sx lite + 75 sx Class C	none
4 1/2"	10 1/2#	4999'	7 7/8"	1st stage: 125 sx. 50-50 Pozmix	
				2nd stage: 400 sx. 50-50 Pozmix	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4658'	

31. PERFORATION RECORD (Interval, size and number)

All 4 spf: 4724-34'

4734-36'

4736-38'

4738-40'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4724-40'	200 gal. MSR100
4724-40'	500 gal. MSR123

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (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	
11/18/86	24	15/64"	→	---	901	43	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
725	0	→	--	901	43	---		

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

By: L.O. Butner

TITLE

L.O. Butner, Western
Division, Prod. Mgr.

DATE

11/20/86

11-75-86

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.
DST #1: 4030-4055 (Straddle)- Misrun			
DST #2: 4727-4776			
Rec: 490' GCW			
HP: 2397-2376, SIP: 1071-1071, FP: 970-980/1021-1031			
Core #1: 4715-4745			
Core #2: 4745-4775			
Directional Surveys:		3/4° @ 373', 2095'	
		1° @ 4072	
		1-3/4° @ 4715'	
		1-1/4° @ 5030'	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
LOG TOPS		
DAY CREEK	1601	
STONE CORRAL	2123	
B/STONE CORRAL	2162	
NEVA	2865	
TOPEKA	3360	
LKC	3602	
MARMATON	4037	
FT SCOTT	4139	
CHEROKEE	4184	
ATOKA	4424	
MORROW SHALE	4620	
MORROW MARKER	4640	
SAND	4721	
B/SAND	4765	
LOWER MORROW	4868	
ST. GEN	4908	
ST. LOUIS	4946	
SPERGEN	4992	
LTD	5024	
RTD	5030	