

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM 94838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

FH "29" FEDERAL COM #1

9. API WELL NO.

30-015-29570

10. FIELD AND POOL, OR WILDCAT

Carlsbad: Morrow, South ProGas

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

Sec.29, T23S, R26E

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. ☐

2. NAME OF OPERATOR

PENWELL ENERGY, INC.

3. ADDRESS AND TELEPHONE NO.

600 N. MARIENFELD, SUITE 1100, MIDLAND, TEXAS 79703

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

At surface

1980' FSL & 660' FEL

At top prod. interval reported below

1980' FSL & 660' FEL

At total depth

1980 FSL & 660' FEL

14. PERMIT NO.

DATE ISSUED

11/08/96

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

04/04/97

16. DATE T.D. REACHED

05/12/97

17. DATE COMPL. (Ready to prod.)

06/09/97

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)

3378 Gr.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12,000

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-12000'

CABLE TOOLS

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

Lower Morrow Sand 11703'-11713'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

AI/Mc Gr, CN/GR, CMR

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	600	17 1/2"	600 sx of CI C Neet w/2% CaCl2	
9 5/8"	40#, 36#	1,677	12 1/4"	500 sx CI C Lite; 200 sx CI C Neet	
5 1/2"	17#	12,000	8 3/4"	700 sx CI C Lite; 425 sx Mod. Super H	
				280 sx CI C Lite; 200 sx CI C Neet w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11,700	

31. PERFORATION RECORD (Interval, size and number)

Lower Morrow Sand 11,703 - 11,713' (41 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 06/20/97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 06/24/97	HOURS TESTED 24	CHOKE SIZE 12/64"	PROD'N FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 2434 mmcf	WATER—BBL. 0	GAS-OIL RATIO
FLOW. TUBING PRESS. 2100	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. 2434 mmcf	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

sold

TEST WITNESSED BY

Bill Pierce

35. LIST OF ATTACHMENTS

Logs, inclination report

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

SIGNED

Brenda Caffrey

TITLE Regulatory Analyst

DATE 07/21/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONE. Show all important zones of porosity and cont. 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.
Surface Rock	0	600'	
Salt & Anhy	600'	1560'	
Dolo	1560'	1677'	
Lm	1677'	3850'	
Sand & Shale	3850'	4702'	
Lm & Shale	4702'	5500'	
Lm	5500'	6150'	
Shale	6150'	7242'	
Lm	7242'	8920'	
Shale	8920'	9475'	
Lm & Shale	9475'	9831'	
Shale	9831'	10115'	
Lm	10115'	10241'	
Lm & Shale	10241'	10364'	
Lm & Sand	10364'	10449'	
Lm & Shale	10449'	10650'	
Lm & Chert	10650'	10840'	
Lm & Shale	10840'	10992'	
Lm & Shale & Chert	10992'	10997'	
Lm & Shale	10997'	11180'	
Lm	11180'	11355'	
Lime & Sand	11355'	11443'	
Lm & Shale	11443'	11503'	
Lm & Sand	11503'	11600'	
Sand & Shale & Lm	11600'	12000'	

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	1772'		Morrow	11177'	
Manzanita	2645'		Barnett	11808'	
Bone Spring	5730'				
First Bone Spring Sand	6053'				
Second Bone Spring Sand	6350'				
Third Bone Spring Sand	8268'				
Wolfcamp	8745'				
Cisco	10147'				
Strawn	10352'				
Atoka	10617'				