

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 97118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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, TX 79701, (915)683-2534

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

At surface

1650' FSL & 660' FEL

At top prod. interval reported below

1650' FSL & 660' FEL

At total depth

1650' FSL & 660' FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED

09/19/97

16. DATE T.D. REACHED

10/03/97

17. DATE COMPL. (Ready to prod.)

11/01/97

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

3338' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4990'

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

4942'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
Cherry Canyon "Manzanita" Sand, 2,558-2566', 8' X 16 hls25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction Gamma Ray/SP & Three Detector Density Comp. Neutron/GR

27. WAS WELL CORED

Yes

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 H-40	48#	350'	17 1/2"	Circ. to Surface	
8 5/8" J-55	24#	1650'	11"	Circ. to Surface	
4 1/2" J-55	10.50#	4990'	7 7/8"	650 sx. "H" plus additives	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2472.63	2450

31. PERFORATION RECORD (Interval, size and number of holes)
2558' - 2566', 8' x 16 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2558'-2566'	1000 gals. 7 12% NeFe +32 ball sealers + additives
2558'-2566'	20,000 gals. 2% KCL wtr + additives & 42,000# 16-30 white sand.

33. *

PRODUCTION

DATE FIRST PRODUCTION

11/16/97

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

Pumping - 2 1/4" tbg. pump

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

12/05/97

HOURS TESTED

24

CHOKE SIZE

PROD'N FOR TEST PERIOD

OIL—BBL.

57

GAS—MCF.

0

WATER—BBL.

126

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

57

GAS—MCF.

0

WATER—BBL.

126

OIL GRAVITY-API (CORR.)

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

Used for fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Letter of Confidentiality & inclination report

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

SIGNED

Linda Walper

TITLE Regulatory Analyst

DATE 01/05/98

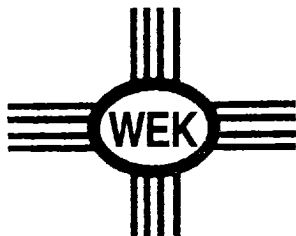
*(See Instructions and Spaces for Additional Data on Reverse Side)

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 cores thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flow, and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Delaware	1720'		
Manzanita	2500'		
Brushy Canyon	3584'		
Bone Spring	4900'		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH



KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

October 8, 1997

Penwell Energy, Inc.
600 N. Marienfeld, Suite 1100
Midland, Texas 79701

RE: Hackberry "29" #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

267' - 1°	879' - 2 1/2°	1,650' - 2°	3,983' - 1/2°
350' - 1 1/4°	966' - 1 3/4°	1,967' - 1 1/2°	4,473' - 1/4°
670' - 2 3/4°	1,056' - 2°	2,457' - 1 1/2°	4,990' - 1/2°
755' - 1 3/4°	1,218' - 2 1/4°	2,997' - 1 3/4°	
817' - 2 3/4°	1,471' - 2°	3,489' - 1/2°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 8th day of October 1997 by
Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC