

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

NM 67980

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

SANTA FE FEDERAC #4

API WELL NO.

30-015-27030

FIELD AND POOL, OR WILDCAT

E. HERRA DURA BEND Delaware

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

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. RENVR. ☐ Other

2. NAME OF OPERATOR

RAY WESTALL

3. ADDRESS AND TELEPHONE NO.

Box 4 loco Hills NM 88255

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

At surface 1730 FNL & 910 FEL

At top prod. interval reported below

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

EDDY

13. STATE

NM

15. DATE SPUDDED

7/9/92

16. DATE T.D. REACHED

7/24/92

17. DATE COMPL. (Ready to prod.)

8/1/92

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

3100 GR

19. ELEV. CASINGHEAD

3101

20. TOTAL DEPTH, MD & TVD

6370

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

6348

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

G11

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

5967-6009, 6162-6233 DELAWARE

81992

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FOC/GR OLL

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings used)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	450	13 7/8	300 SXS CIRCULATED	
5 1/2	15.5	6370	7 7/8	1740 SXS CIRCULATED	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5900	NONE

31. PERFORATION RECORD (Interval, size and number)

5967-6009 20 .40 CAL
6162-6233 18 .40 CAL

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5967-6009	1500 GAL 15% HCL 29000 gal 2% KCL + 46,000 # 16/30 SD
6162-6233	1500 GAL 15% HCL 20,000 gal 2% KCL + 46,000 # 16/30 SD

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8/2/92		FLOW					PROD	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8/5/92	24	1/4	→	420	780	160	1857	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
1500 #	1800 #	→				41		

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

SOLD

TEST WITNESSED BY

T. CUOR

35. LIST OF ATTACHMENTS

LOGS DEVIATION SURVEY

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

SIGNED

TITLE

GEOLOGIST

DATE

8/10/92

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

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.
DECAWATE	2802	6315	SEVERAL SANDS WITH VARIOUS CONTENTS OF OIL, GAS AND WATER

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Lamar L.S.	2758	
T/Decawate SAND	2802	
Boke Springs L.S.	6315	