

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-0338690

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

Federal 11 #3

APIWELLNO.

30-045-23291

FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

I Section 11, T28N, R13W

COUNTY OR PARISH
San Juan

STATE
NM

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. SERV. ☐ Other ☐

2. NAME OF OPERATOR

THOMPSON ENGR. & PROD. CORP.

3. ADDRESS AND TELEPHONE NO.

7415 E. Main Farmington, New Mexico 87402 (505) 327-4892

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

At surface 1465' FSL & 1184' FEL Section 11, T28N, R13W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE STUDDERED 12/31/87 16. DATE T.D. REACHED 4/30/79 17. DATE COMPL. (Ready to prod.) 11/21/96 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5896 GL 19. ELEV. CASINGHEAD 5897

20. TOTAL DEPTH, MD & TVD 1826 21. PLUG, BACK T.D., MD & TVD 1804 22. IF MULTIPLE COMPLETIONS, HOW MANY? 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP/BOTTOM NAME (MD AND TVD)* 1609 - 1628 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL

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
5 1/2	14	40	8 3/4	10 SX	
2 7/8	6.5	1804	4 5/8	165 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

1609 - 1628 @ 2 SPF Total of 38 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1609 - 1628	56,000# 20/40 in 227 bbls. of 70% Nitrogen Foam

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/21/96		Pumping						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11/21/96	24	0	→	0	30	15		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
50	75	→		30	15			

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

Sold

TEST WITNESSED BY

Paul C. Thompson

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

Paul C. Thompson

TITLE

President

DATE

DEC 02 1996

*(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.

NMOCD

FARMINGTON DISTRICT OFFICE

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Basin Fr. Coal	1608	1620	Coal			
Pictured Cliffs	1635	1666	Sand & Shale			

Formation Fr. Coal Stage No. 1 Date 11/22/96

Operator THOMPSON ENGR. & PROD. CORP. Lease and Well Federal 11 #3

Correlation Log Type GR/CCL From 1719 To 1400

Temporary Bridge Plug Type Baker Set At 1636

Perforations 1609 - 1628'
2 Per foot type (0.40") Total of 38 holes

Pad 10,000 gallons. Additives Bacteriacide
PH Buffers, Foamer, and Enzyme Breakers in 70% N₂ Foam

Water 227 Barrells Additives Same as pad.

Sand 56,000 lbs. Size 20/40 @ 1 - 4 PPG

Flush Included above gallons. Additives _____

Breakdown _____ psig

Ave. Treating Pressure 2000 psig

Max. Treating Pressure 2350 psig

Ave. Injecton Rate 20 BPM

Hydraulic Horsepower _____ HHP

Instantaneous SIP 1050 psig

5 Minute SIP 760 psig

10 Minute SIP 750 psig

15 Minute SIP 740 psig

Ball Drops: None Balls at _____ gallons _____ psig
increas
_____ Balls at _____ gallons _____ psig
increas
_____ Balls at _____ gallons _____ psig
increas

Remarks: _____

Walsh ENGINEERING & PRODUCTION CORP.