

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other
instructions on
reverse side)

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
SF-078367-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
J. O. MARSHALL

9. WELL NUMBER
4

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

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

SEC. 1, T-27-N, R-9-W

12. COUNTY OR
PARISH
SAN JUAN

13. 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. RESER. ☐ Other _____

2. NAME OF OPERATOR
TEXACO EXPLORATION & PRODUCTION INC.

3. ADDRESS OF OPERATOR
P. O. Box 3109, Midland, Texas 79702

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

At surface **790' FSL & 1820' FWL, UNIT LETTER N, SE/SW**

At top prod. interval reported below **SAME**

At total depth **SAME**

API #

API# 30-045-28683

14. PERMIT NO.
N/A

DATE ISSUED
08-17-90

15. DATE SPUDDED
09-14-92

16. DATE T.D. REACHED
09-16-92

17. DATE COMPL. (Ready to prod.)
10-04-92

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
GR-5961', KB-5974'

19. ELEV. CASINGHEAD
5961' 5951'

20. TOTAL DEPTH, MD & TVD
2185'

21. PLUG BACK T.D., MD & TVD
2107'

22. IF MULTIPLE COMPLEMENTS, LIST EACH
RECEIVED

23. INTERVALS
DRILLED BY

ROTARY TOOLS
0-2185'

CABLE TOOLS

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

1931' - 2071'; FRUITLAND COAL

25. WAS DIRECTIONAL
SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-SP-DISFL, GR-ZON-CHL-CAL, GR-ML

OIL CON. DIV.

27. WAS WELL CORED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	312'	12 1/4	340 SX - CIRC. 106 SX	
5 1/2	15.5 & 17#	2185'	7 7/8	460 SX - CIRC. 110 SX	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	1928'	

31. PERFORATION RECORD (Interval, size, and number)

**1931', 1938-41', 1966-82', 1989-92',
1994-96', 1998-99', 2001', 2010-12', 2016',
2018-31', 2069-71' W/4 JSPF, 180 HOLES**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1931' - 2071'	ACID - 2250 GAL 7.5% NEFE
	FRAC - 92000 GAL 70 QUALITY N2
	FOAM W/25400# 40/70 SD &
	199400# 20/40 SD

33.* PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping- size and type of pump)	WELL STATUS (Producing or shut-in)
10-06-92	FLOWING	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10-15-92	24	48/64		0	119	0	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
50 PSI						N/A	

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

TEST WITNESSED BY
JOHN BOBBS FOR RECORD

35. LIST OF ATTACHMENTS
DEVIATION SURVEY

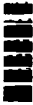
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **CP Basham/ROC**

TITLE **DRILLING OPERATIONS MANAGER**

DATE **10-23-92**
DRILLING RESOURCE AREA

*(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).				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
FRUITLAND COALS	1931'	2071'	SHALE, GAS	B/OJO ALAMO	1237'	
				KIRKLAND	1237'	
				FRUITLAND	1750'	
				PICTURED CLIFFS	2080'	

P. O. BOX 1067
5651 U.S. HWY. 64
FARMINGTON, NEW MEXICO 87499

September 18, 1992

Texaco
C.P. Basham
P.O. Box 3109
Midland, TX 79702

Re: Deviation Reports on
J.O. Marshall #4: Section 1, Township 27 N, Range 9 W

Dear Mr. Basham:

Below are the deviation reports you requested for the J.O. Marshall #4 well are as follows:

125'	$\frac{1}{4}^{\circ}$
286'	$\frac{1}{4}^{\circ}$
517'	$\frac{1}{4}^{\circ}$
1011	$\frac{3}{4}^{\circ}$
2035'	$1\frac{1}{2}^{\circ}$
2185'	$1\frac{3}{4}^{\circ}$

Sincerely,

FOUR CORNERS DRILLING COMPANY

Gary Miller
Drilling Superintendent

GM/bb

RECEIVED
OCT 29 1992
COMM. DIV.

ACKNOWLEDGEMENT

State of New Mexico))s.s.
County of San Juan)

The foregoing instrument was acknowledged before me this 18th day of September, 1992, by Gary Miller.

Notary Public

My Commission Expires: 8-27-94
(Seal)