

Form 3160-4
(July 1989)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONS. COMMISSION
P. O. BOX 100
HOBBS, NEW MEXICO 88240
CONTACT NO. _____
OFFICE FOR NUMBER
OF COPIES REQUIRED
(See instructions on
reverse side) 00240

BLM Roswell District
Modified Form No.
NM060-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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 PRODUCING INC

3. ADDRESS OF OPERATOR
P. O. Box 3109, Midland, Texas 79702
3a. AREA CODE & PHONE NO.
915-688-4620

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

At surface 2100' FSL, 2310' FWL, UNIT LETTER K

At top prod. interval reported below SAME

At total depth SAME

9a. API WELL NO. 30-025-30692
14. PERMIT NO. N/A
DATE ISSUED 03-16-90
12. COUNTY OR PARISH LEA
13. STATE NM

15. DATE SPUNDED 06-06-90
16. DATE T.D. REACHED 06-18-90
17. DATE COMPL. (Ready to prod.) 07-05-90
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR-3677, KB-3690
19. ELEV. CASINGHEAD 3677

20. TOTAL DEPTH, MD & TVD 4450'
21. PLUG BACK T.D., MD & TVD 4025'
22. IF MULTIPLE COMPL. HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS 0 - 4450'
CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
3615' - 3694', SEVEN RIVERS
25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-DLL-MSFL, GR-CNL-LDT-CAL
27. WAS WELL CORED YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	1500'	12 1/4	CL-H 1200 SXS - CIR. 300 SXS	
5 1/2	15.5#	4450'	7 7/8	CL-H 1050 SXS - CIR. 75 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3583'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)
3615-19, 3649-53, 3686-94, 2 JSPF, 32 HOLES.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3615' - 3694'	ACID: 3500 GAL, 7 1/2% NEFE,
	FRAC: 30,000 GAL XLG 2% KCL &
	52,500 # 20/40 SD. & 12,500 #
	12/20 RESIN COATED SD.

33.* PRODUCTION

DATE OF FIRST PRODUCTION 07-07-90
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)
PUMPING 2.5 X 1.75 X 20
WELL STATUS (Producing or shut-in)
PRODUCING

DATE OF TEST 07-13-90
HOURS TESTED 24
CHOKE SIZE
PROD'N. FOR TEST PERIOD
OIL - BBL. 19
GAS - MCF. 28
WATER - BBL. 9
GAS - OIL RATIO 1473.7

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24 HOUR RATE
OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.) 38.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
VENTED FOR TEST PURPOSES ONLY
TEST WITNESSED BY
JAMES RAY

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 C. J. Barker TITLE DRILLING SUPERINTENDENT DATE 07-20-90

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
SEVEN RIVERS	3617'	4328'	CUT 28 SIDEWALL CORES - OIL -	BASE OF SALT TANSILL YATES SEVEN RIVERS QUEEN	3076' 3076' 3302' 3472' 4282'	

38. GEOLOGIC MARKERS

JUL 31 1990
ROBERT OFFICE



K. Jay Reynolds

ROD RIC CORPORATION

P. O. BOX 1767

MIDLAND, TEXAS 79702

(915) 682-7880

Well Name & Number FEDERAL USA "L" #4

Operator TEXACO, INC., P.O. Box 3109, MIDLAND, TX 79702

Location 2100' ESL, 2310' FWL, SEC. 14, T-19-S, R-33-E, LEA Co., N.M.

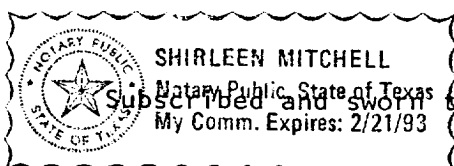
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
364	364	3/4	1.31	4.77	4.77
603	239	1/2	.87	2.08	6.85
1084	481	3/4	1.31	6.31	13.16
1488	404	1/2	.87	3.51	16.67
1699	211	3/4	1.31	2.77	19.44
1944	245	3/4	1.31	3.21	22.65
2248	304	3/4	1.31	3.99	26.64
2369	121	3/4	1.31	1.59	28.23
2492	123	1 1/2	2.62	3.22	31.45
2644	152	1/2	.87	1.32	32.77
2765	131	1	1.75	2.12	34.89
2979	214	1 1/2	2.62	5.61	40.50
3161	182	3/4	3.05	5.55	46.05
3345	184	1 1/2	2.62	4.82	50.87
3832	487	1 1/4	2.18	10.62	61.49
4321	489	1 1/4	2.18	10.66	72.15
4442	121	1	1.75	2.12	74.27

Drilling Contractor: Rod Ric Corporation

By: Estw Caldwell



Subscribed and sworn to before me this 21st day of June 1990

Shirleen Mitchell
Notary Public

My Commission Expires 2/21/93

Midland County, Texas