

Dr. J. R. D.

Artesia, NM 88210

UNITED STATES

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

RECEIVED BY
(November 1983)
(formerly 9-330)

NOV 13 1985

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1. LEASE DESIGNATION AND SERIAL NO.

LC-029419 (A)

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

SKELLY UNIT

8. FARM OR LEASE NAME

9. WELL NO.

159

10. FIELD AND POOL, OR WILDCAT

GRAYBURG JACKSON - Q-G-SA

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

Sec. 22, T-17S, R-31E

12. COUNTY OR PARISH

EDDY

13. STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

TEXACO PRODUCING INC.

3. ADDRESS OF OPERATOR

P.O. BOX 728, HOBBS, N.M. 88240

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

At surface

UNIT LTR. N, 1310' FSL & 2630' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. 3001525091

DATE ISSUED

15. DATE SPUDDED

9-9-85

16. DATE T.D. REACHED

9-20-85

17. DATE COMPL. (Ready to prod.)

10-23-85

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

37366 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4050

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

3810'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-4050'

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

3375 - 3558' GRAYBURG JACKSON

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/TEMP LOG. GR/DSNL & GR/CBL

27. WAS WELL CORED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4"	42#	500	15"	500 SX	
8 5/8"	24#	1888	11"	900 SX	
5 1/2"	15.5#	4050	7 7/8"	900 SY	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	3225'	

31. PERFORATION RECORD (Interval, size and number)

3375 - 3558' 1 JPI (32 HOLES)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3375-3558'	6000 GAL. 15% NEFE DRPD
	50 B.S. FRAC'D W/31,000 GAL.-
	30# GELLED
	2% KCL, 25,200# 20-40 & 5000=

33.* PRODUCTION

DATE FIRST PRODUCTION 10-23-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING 12.20 SD IN 3STGS., 1000# RS & 12 BALLS FOR DIV. BTWN STGS

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-23-85	24	--	→	115	55	156	482
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→		ACCEPTED FOR RECORD		37.6	

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

SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

M. Bahr-T

TITLE

DIST. OPR. MGR.

DATE 11-04-85

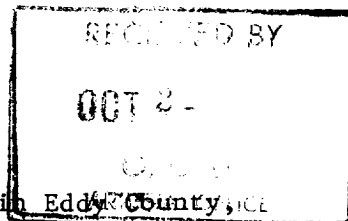
*(See Instructions and Spaces for Additional Data on Reverse Side)

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

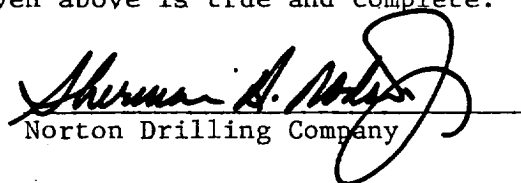
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
SURFACE	0'	590'	SURF. LOCK	RUSTLER	590	
RUSTLER	590'	1305'	ANHYDRITE & SALT	YATES	1798	
RUSTLER	1305'	1798'	ANHYDRITE	SEVEN RIVERS	2020	
YATES	1798'	3184'	LIME & DOLOMITE	GRAYBURG	3148	
GRAYBURG	3184'	3336'	LIME	SAN ANDRES	3570	
SAN ANDRES	3336'	4050'	SAND & SHALE	LOVINGTON SAND	3710	



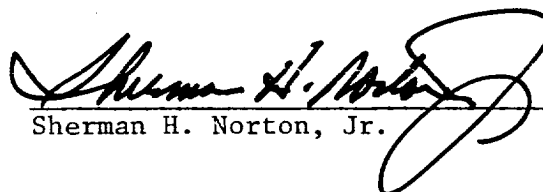
✓ Deviation surveys taken on Texaco's Skelly Unit #159 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
500	1.00
974	.75
1474	.75
1888	1.25
2385	1.50
2884	2.25
3074	2.50
3198	3.00
3229	2.50
3252	2.50
3348	2.50
3440	2.25
3565	2.25
4050	1.75

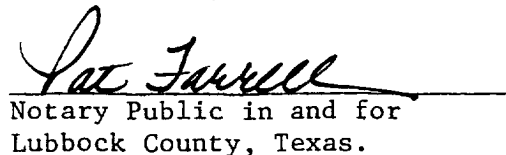
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.


Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 24th day of September 1985.


Notary Public in and for
Lubbock County, Texas.

My Commission Expires: 4-9-88