

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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. RESVR. ☐ Other _____

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

P. O. Box 728 - Hobbs, New Mexico

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

At surface Well located 1650' from the South Line, and 1650' from the West Line, Section 27, T-18S, R-30E, Eddy County, New Mexico.
At top prod. interval reported below

Unknown

At total depth

Unknown

14. PERMIT NO.

Regular

DATE ISSUED

March 5, 1964

15. DATE SPUDDED

March 6, 1964

16. DATE T.D. REACHED

March 16, 1964

17. DATE COMPL. (Ready to prod.)*

March 23, 1964

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

3470' (D. F.)

19. ELEV. CASINGHEAD

3461'

20. TOTAL DEPTH, MD & TVD

3380'

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

3365'

22. IF MULTIPLE COMPL.,
HOW MANY*

NO

23. INTERVALS
DRILLED BY

ROTARY TOOLS

3380'

CABLE TOOLS

NONE

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

One jet shot at 2792', 2993', 3004', 3302', 3313', and 3339'.

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Sonic, Simultaneous Acoustilog

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	15.28	559'	9 7/8"	500 Sx.	NONE
4 1/2"	9.50	3380'	6 3/4"	350 Sx.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2 3/8"	2820'	- -

31. PERFORATION RECORD (Interval, size and number)

One jet shot at 2792', 2993', 3004', 3302', 3313', and 3339'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2792' to 3339'	see attached sheet.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
March 22, 1964		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
March 23, 64	14	32/64"	→	142	93	2	655
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
275	--	→	243	159	3	31.4	

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

Phillips Petroleum Company (SOLD)

TEST WITNESSED BY

L. S. Webber

35. LIST OF ATTACHMENTS

Attached complete well record including coring.

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

SIGNED

H. D. Raymond

TITLE

Assistant District
Superintendent

DATE March 23, 1964

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

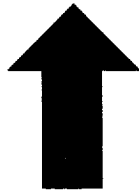
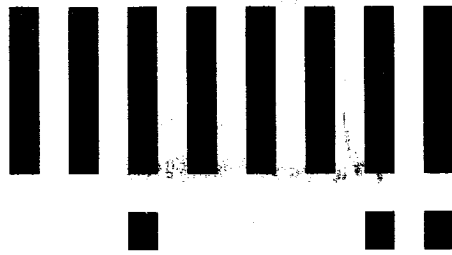
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Estimate Number 6410 5 - USGS 1 - Artesia - NMOC 1 - Field 1 - File SEE ATTACHED SHEET FOR COMPLETE WELL RECORD AND CORING.	Anhy Top of Salt Btm of Salt Yates Queen	300' 420' 1465' 1642' 2770'	



LTR



Job separation sheet

L. R. Manning Federal "B" NCT-1 Well No. 17

Spudded 9 7/8" Hole 5:30 A. M. March 6, 1964. Ran 547' of 7 5/8" O. D. Casing and cemented at 559' with 350 Sx. Class "C" 4% gel, plus 150 Sx. Class "C" neat. Plug at 530'. Cement Circulated. Tested 7 5/8" O. D. Casing before and after drilling plug for 30 minutes with 600 P. S. I., Tested O. K. Job complete 1:15 P. M. March 8, 1964.

Core No. 1, 2760' to 2810', Cut 50', 98% recovery, recovered 49.20'. Recovered sand and shale with slight show of oil. Job complete 11:00 A. M. March 11, 1964.

Core No. 2, 2957' to 3009', Cut 52', 100% recovery, recovered 52'. Recovered sand and shale with bleeding thruout. Job complete 3:30 A. M. March 13, 1964.

Core No. 3, 3125' to 3177', Cut 52', 100% recovery, recovered 52'. Recovered Anhy, Shale, Sand, and dolomite with no visible shows. Job complete 2:15 A. M. March 14, 1964.

Core No. 4, 3177' to 3229', Cut 52', 98% recovery, recovered 51'. Recovered Anhy, Sand, and dolomite with slight bleeding from 3209' to 3224'. Job complete 5:00 A.M. March 15, 1964.

Core No. 5, 3229' to 3281', Cut 52', 100% recovery, recovered 52'. Recovered sandy dolomite with no visible show. Job complete 4:00 P. M. March 15, 1964.

Core No. 6, 3281' to 3333', Cut 52', 100% recovery, recovered 52'. Recovered sand and dolomite with bleeding oil from 3288' to 3290'. Job complete 4:30 A. M. March 16, 1964.

Ran 3370' of 4 1/2" O. D. Casing and cemented at 3380' with 350 Sx. Class "C" 10% salt. Plug at 3365'. Tested before and after drilling plug for 30 minutes with 2500 P. S. I. Tested O. K. Job complete 2:30 A. M. March 18, 1964.

Perforate 4 1/2" O. D. Casing with one jet shot per interval at 2792', 2993', 3004', 3302', 3313', and 3339'. Acidize with 1900 gals LSTNE in 7 stages with one ball sealer between stages. Frac with 30,000 gals refined oil and 45,000 lbs sand, 550 Cu Ft CO₂ per bbl, with 55 gals control flow in 10 bbls lease crude.

On 14 Hour Potential Test well flowed through 32/64" choke ending 4:00 A. M. March 23, 1964, 142 BBL Oil, and 2 BW.

GOR - 655

Gravity - 31.4

Top of Pay - 2792'

Btm of Pay - 3339'

NMOCC Date - March 16, 1964

TEXACO Inc. Date - March 23, 1964.

RECEIVED

MAR 26 1964

O. C. C.
ARTESIA, OFFICE

MAR 24 1964