

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.

5. LEASE DESIGNATION AND SERIAL NO.

Fed. Lse. No. LC-032100

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

C.H. Lockhart Federal NCT-1

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Drinkard

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

Sec. 18, T-22-S, R-38-E

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL

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 660' FEL and 1980' FNL of Section 18,

T-22-S, R-38-E, Lea County, New Mexico

At top prod. interval reported below

6981'

At total depth

7130'

14. PERMIT NO.

Regular

DATE ISSUED

June 15, 1964

15. DATE SPUNDED

Aug. 7, 1964

16. DATE T.D. REACHED

Sept. 2, 1964

17. DATE COMPL. (Ready to prod.)

Sept. 11, 1964

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

3376' (DF)

19. ELEV. CASINGHEAD

3367'

20. TOTAL DEPTH, MD & TVD

7250'

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

7236'

22. IF MULTIPLE COMPL.,
HOW MANY*

No

23. INTERVALS
DRILLED BY

ROTARY TOOLS

7250'

CABLE TOOLS

None

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

6981', 6999', 7009', 7020', 7098', 7103', 7110', 7120', and 7130'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Densilog and Acoustilog

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
7-5/8"	24.00	1350'	9-7/8"	600	None
2-7/8"	6.50	7247'	6-3/4"	800	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None							

31. PERFORATION RECORD (Interval, size and number)

Perforate 2-7/8" casing with 2 jet shots at
6981', 6999', 7009', 7020', 7098', 7103',
7110', 7120', and 7130'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6981' to 7130'	500 gals acetic. Re-acidize
	9000 gals 15% NE in 9 stages
	w/2 ball sealers each stage.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
September 10, 1964		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Sept. 10, 1964	24	-	→	24	TSTM	22	TSTM
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	--	→	24	TSTM	22	40.6	

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

Sold (Warren Petroleum Company)

TEST WITNESSED BY

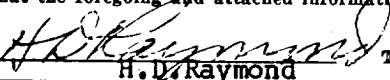
C. F. Jackson

35. LIST OF ATTACHMENTS

None

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 September 14, 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.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				Anhydrite	1330'
				Top of Salt	1414'
				Base of Salt	2510'
				Staves	2705'
				San Andres	4102'
				Glorieta	5285'
				Blainebray	5705'
				Tubb	6267'
				Drinkard.	6598'

Estimate Number 6482

All measurements from rotary table or 9' above ground level

USGS
- NMOC
- Field
- File

I H. D. Raymond being of lawful age and being
the Assistant District Superintendent for TEXACO Inc., do state
that the deviation record which appears on this form is
true and correct to the best of my knowledge.

H. D. Raymond
H. D. Raymond
SEP 22 1964 AM '64
NOTARY PUBLIC, D.C.C.

Subscribed and sworn to before me this 14th day of
September, 1964.

MY COMMISSION EXPIRES APRIL 15, 1965

Notary Republic James Weldon Browning

James Weldon Browning

for Lea County, State of New Mexico.

Lease C. H. Lockhart NCT-1 Well No. 10

Deviation Record

Depth

Degrees Off

500'	1/4
1097'	1/2
1350'	3/4
1700'	1/2
2050'	1
2386'	2-1/2
2645'	2-1/4
2983'	1-1/4
3286'	1-1/2
3600'	2-1/2
3836'	2-1/4
3993'	2
4181'	1-3/4
4399'	1
4837'	3/4
5054'	2-1/4
5364'	2-1/2
5808'	1-3/4
6467'	1-1/2
6900'	1-1/4
7250'	1-1/2