

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See ot. 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 ☐										
1b. 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 1980' from the North Line, and 1979' from the South Line of Section 35, T-24-S, R-37-E, Lea County, N.M. At top prod. interval reported below Unknown At total depth Unknown															
14. PERMIT NO. Regular				DATE ISSUED June 1, 1964											
15. DATE SPUDDED June 5, 1964		16. DATE T.D. REACHED June 24, 1964		17. DATE COMPL. (Ready to prod.) July 4, 1964		18. ELEVATIONS (DF, RBS, ST, OR, ETC.)* 3184' (D. F.)		19. ELEV. CASINGHEAD 3174'							
20. TOTAL DEPTH, MD & TVD 6200'		21. PLUG, BACK T.D., MD & TVD 6190'		22. IF MULTIPLE COMPL., HOW MANY* TWO		23. INTERVALS DRILLED BY →		ROTARY TOOLS 6200'		CABLE TOOLS NONE					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4809', 4815', 4822', 4824', 4826', and 4833'										25. WAS DIRECTIONAL SURVEY MADE YES					
26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Gamma Ray, Gamma Ray Sonic, Induction Elec., Microlog Caliper										27. WAS WELL CORED NO					
28. CASING RECORD (Report all strings set in well)															
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
11 3/4"		23.72		249'		15"		350 Sx.		NONE					
8 5/8"		24.00		3450'		10 5/8"		850 Sx.		NONE					
2 7/8"		6.50		6199'		7 3/8"		850 Sx.		NONE					
2 7/8"		6.50		6199'		7 3/8"		850 Sx.		NONE					
29. LINER RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)							
NONE															
30. TUBING RECORD															
SIZE		DEPTH SET (MD)		PACKER SET (MD)											
NONE															
31. PERFORATION RECORD (Interval, size and number)															
Perforate 2 7/8" Casing with one jet shot at 4809', 4815', 4822', 4824', 4826', and 4833'.															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED											
4809' to 4833'				1000 Gals acetic acid. Re-acidize with 500 Gals LSTNE. Re-acidize with 2000 Gals LSTNE in 4 stages with 1 ball sealer between stage											
33. PRODUCTION															
DATE FIRST PRODUCTION July 4, 1964		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow						WELL STATUS (Producing or shut-in) Shut In							
DATE OF TEST July 5, 1964		HOURS TESTED 24		CHOKE SIZE 17/64"		PROD'N. FOR TEST PERIOD →		OIL—BBL. -		GAS—MCF. 11460		WATER—BBL. NONE		GAS-OIL RATIO -	
FLOW, TUBING PRESS. 1050		CASING PRESSURE 1050		CALCULATED 24-HOUR RATE →		OIL—BBL. -		GAS—MCF. 11460		WATER—BBL. NONE		OIL GRAVITY-API (CORR.) -			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut In (To be connected later)												TEST WITNESSED BY E. L. Callerman			
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 W. E. Morgan		TITLE Assistant to the District Superintendent						DATE July 7, 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:				38. GEOLOGIC MARKERS	
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				NAME	MEAS. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
			Estimate Number 8114	Top of Anhy	895'
			6 - USGS (Hobbs, New Mexico)	Top of Salt	1020'
			1 - MHOCC (Hobbs, New Mexico)	Btm of Salt	2215'
			1 - Field	Yates	2365'
			1 - File	Queen	3111'
				San Andres	3660'
				Glorieta	4716'
				Blinberry	5034'
				Tubb	5782'
				Drinkard	5978'

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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 1980' from the North Line, and 1979' from the South Line of Section 35, T-24-S, R-37-E, Lea County, N. M. At top prod. interval reported below EAST Unknown At total depth Unknown															
14. PERMIT NO. Regular				DATE ISSUED June 1, 1964											
15. DATE SPUDDED June 5, 1964		16. DATE T.D. REACHED June 24, 1964		17. DATE COMPL. (Ready to prod.) July 5, 1964		18. ELEVATIONS (DF, HBR, RT, GR, ETC.)* 3184' (D. F.)		19. ELEV. CASINGHEAD 3174'							
20. TOTAL DEPTH, MD & TVD 6200'		21. PLUG, BACK T.D., MD & TVD 6190'		22. IF MULTIPLE COMPL., HOW MANY* TWO		23. INTERVALS DRILLED BY ROTARY TOOLS 6200'		CABLE TOOLS NONE							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Perforate 2 7/8" Casing with two jet shots per foot from 5499' to 5500', 5506' to 5507', 5508' to 5509', 5514' to 5515', 5522' to 5523', and 5528' to 5529'								25. WAS DIRECTIONAL SURVEY MADE YES							
26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Gamma Ray, Gamma Ray Sonic, Induction Elec., Microlog Caliper								27. WAS WELL CORRED NO							
28. CASING RECORD (Report all strings set in well)															
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
11 3/4"		23.72		249'		15"		350 Sx.		NONE					
8 5/8"		24.00		3450'		10 5/8"		850 Sx.		NONE					
2 7/8"		6.50		6199'		7 3/8"		850 Sx.		NONE					
2 7/8"		6.50		6199'		7 3/8"		850 Sx.		NONE					
29. LINER RECORD										30. TUBING 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 two jet shots per ft 5499' to 5500', 5506' to 5507', 5508' to 5509', 5514' to 5515', 5522' to 5523', 5528' to 5529'.										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										5499' to 5529'		Acidize with 500 gals acetic acid. Re-acidize with 1000 gals LSTNE. Frac with 10000 gals refined oil, 10000 lbs sand			
33. PRODUCTION															
DATE FIRST PRODUCTION July 5, 1964		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow						WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST July 6, 1964		HOURS TESTED 7		CHOKE SIZE 21/64"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 57		GAS—MCF. 498		WATER—BBL. NONE		GAS-OIL RATIO 8737	
FLOW. TUBING PRESS. 1200		CASING PRESSURE 1200		CALCULATED 24-HOUR RATE →		OIL—BBL. 195.36		GAS—MCF. 1704		WATER—BBL. NONE		OIL GRAVITY-API (CORR.) 32.5			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be connected later (VENTED)										TEST WITNESSED BY E. L. Callerman					
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 <i>W. E. Morgan</i> W. E. Morgan		TITLE Assistant to the District Superintendent				DATE July 7, 1964									

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Estimate Number 8114	Top of Anhy	805'	
			6 - USGS (Hobbs, New Mexico)	Top of Salt	1020'	
			1 - MCOCC (Hobbs, New Mexico)	Btm of Salt	2215'	
			1 - Field	Yates	2385'	
			1 - File	Queen	3111'	
				San Andres	3660'	
				Glorieta	4716'	
				Blinberry	5084'	
				Tubb	5782'	
				Drinkard	5978'	

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TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit. **TEXACO Inc. - P. O. Box 728**

Hobbs, New Mexico July 7, 1964
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

TEXACO Inc. C. G. Fristoe "b" NCT-2, Well No. 8, in SW 1/4 NE 1/4,
(Company or Operator) (Lease)
G, Sec. 35, T. 24-S, R. 37-E, NMPM., Undesignated Glorieta (GAS) Pool
Unit Letter
Lea

County. Lea Date Spudded June 5, 1964 Date Drilling Completed June 24, 1964
Elevation 3184' (D. F.) Total Depth 6200' PBTD 6190'

Please indicate location:

D	C	B	A
E	F	G X	H
L	K	J	I
M	N	O	P

Top Oil/Gas Pay 4809' Name of Prod. Form. Glorieta
PRODUCING INTERVAL - 4809', 4815', 4822', 4824', 4826', and 4833'.

Perforations _____ Depth _____
Open Hole NONE Casing Shoe 6199' Depth Tubing 6199'

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____ Choke
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke
load oil used): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

**(FOOTAGE)
Tubing, Casing and Cementing Record**

Size	Feet	Sin
11 3/4"	240	350
8 5/8"	3438	850
2 7/8"	6187	850
2 7/8"	6187	850

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 1460 MCF/Day; Hours flowed 24

Choke Size 17/64" Method of Testing: Back Pressure

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): see remarks

Casing Press. - - Tubing Press. 1050 Date first new oil run to tanks NONE

Oil Transporter NONE

Gas Transporter NONE (SHUT IN) To be connected later

Remarks: Perforate 2 7/8" Casing with one jet shot at 4809', 4815', 4822', 4824', 4826', and 4833', Acidize with 1000 gals acetic acid. Re-acidize with 500 gals ISTNE. Re-acidize with 2000 gals ISTNE in 4 stages with one ball sealer between stages.

I hereby certify that the information given above is true and complete to the best of my knowledge.
TEXACO Inc.

Approved: _____, 19____

(Company or Operator)

OIL CONSERVATION COMMISSION

By: W. E. Morgan
(Signature) **W. E. Morgan**

Title Assistant to the District Superintendent
Send Communications regarding well to:

Name W. E. Morgan

P. O. Box 728 - Hobbs, New Mexico

I W. E. Morgan being of lawful age and being
the Assistant to the Dist. Supt. for TEXACO Inc., do state
that the deviation record which appears on this form is
true and correct to the best of my knowledge.

W. E. Morgan
W. E. Morgan

Subscribed and sworn to before me this 7th day of
July, 1964.

My commission expires October 20, 1966.

Notary Republic R. E. Johnson

for Lea County, State of New Mexico.

Lease C. C. Fristoe "b" NCT-2 Well No. 8

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
250'	1 1/2
540'	0
884'	0
1195'	1/2
1536'	1/4
1810'	2 3/4
2419'	2
2616'	2 1/4
2708'	1 1/4
2970'	1
3283'	1/4
3450'	1/4
3723'	1/4
4223'	1 1/4
4539'	3/4
4912'	1/2
5362'	1 1/4
5555'	1
5752'	1/4
5915'	3/4
6200'	1 1/4