

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See off  
structio.  
reverse side)

Form approved.  
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NE-14214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wells

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Langlie Mattix

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

4, T-25-S, R-37-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

**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  
Texas Pacific Oil Company, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 4067, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1650' FWL & 990' FSL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 10-27-76

15. DATE SPUNDED 1-21-77 16. DATE T.D. REACHED 1-31-77 17. DATE COMPL. (Ready to prod.) 2-16-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3198' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3740' 21. PLUG, BACK T.D., MD & TVD 3704' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY → 0-3740' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 3479'-3617' (Seven Rivers—Queen) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOSE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	34'		Redi-Mix to surface	None
9 5/8"	53.5, 47, 40, 35	1111'	12 1/4"	900 sx.	None
5 1/2"	13.5	3740'	7 7/8"	900 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3635'	

31. PERFORATION RECORD (Interval, size and number)

3479'-80', 3502'-06', 3522'-35',  
3545'-52', 3557'-65', 3591'-94',  
3597'-3601', 3604'-07', 3611'-17',  
1 SPF (67 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3479'-3617'	3000 gals. 10% NE-Fe Acid frac w/ 30,000 gals. & 42,500# sand.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
2-16-77	Pumping 2" x 1 1/2" x 22'	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-17-77	24		→				409
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	83	34	133	38.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
Inclination & Log

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

SIGNED W. J. McClinton TITLE Dist. Operations Supt. DATE 2-24-77

\*(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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Yates	2837	3149	Sand, dolomite, anhydrite shale. Predominately gas with some oil. Produces from sand facies
Seven Rivers	3149	3522	Dolomite & Sand Basal Sand facies produces oil
Queen	3522	3715	Dolomite & Sand produces primarily from Sand facies

  

NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Rustler	1100	
T Salt	1189	
Base Salt	2679	
Yates	2837	
Seven Rivers	3149	
Queen	3502	
Grayburg	3715	