

INCLINATION REPORT

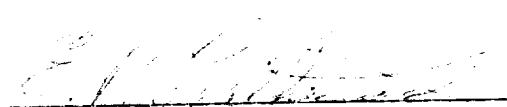
OPERATOR: Texas Pacific Oil Company, Inc.
P. O. Box 1069
Mobbs, New Mexico 88240

LEASE NAME & NO: Elliott D-17 well No. 4

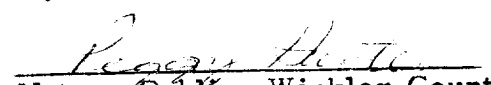
LOCATION: Sec. 17, T-22-S, R-37-E, Lea County, New Mexico

Depth	Course Length	Inclination	Displacement per 100 ft.	Course Displacement	Accumulative Displacement
425	425	1/2	.87	3.70	3.70
782	357	3/4	1.31	4.68	8.38
1100	318	3/4	1.31	4.17	12.55
1490	390	3/4	1.31	5.11	17.66
1800	310	3/4	1.31	1.06	21.72
2099	299	1 1/2	2.62	7.83	29.55
2349	250	2	3.49	8.73	38.28
2523	174	2	3.49	6.07	44.35
2900	377	1	1.75	6.60	50.95
3300	400	3/4	1.31	5.24	56.19
3554	254	3/4	1.31	3.33	59.52
3915	361	3/4	1.31	4.73	64.25
4300	385	1/2	.87	3.35	67.60
4790	490	3/4	1.31	6.42	74.02
4940	150	3/4	1.31	1.97	75.99
5380	440	1	1.75	7.70	83.69
5870	490	1 1/4	2.18	10.68	94.37
6113	243	1	1.75	4.25	98.62
6540	427	1	1.75	7.47	106.09
7000	460	2	3.49	16.05	122.14
7440	440	2 3/4	4.80	21.12	143.26

I, E. P. Leatherwood, President of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.


E. P. Leatherwood

SUBSCRIBED AND SWORN TO before me this 7th day of March, 1974.


Notary Public, Winkler County,
Texas

(Seal)

UNITED STATES DEPARTMENT OF AGRICULTURE

Report on the results of the investigation of the
 causes of the recent drought in the
 United States, 1900-1901.

By J. H. COLEMAN, Chief of the Bureau of Plant Industry.

Published by the Government Printing Office, Washington, D. C., 1902.

For sale by the Superintendent of Documents, Washington, D. C.

1900	3.70	1.00	1.00	1.00	1.00
1901	4.50	1.50	1.50	1.50	1.50
1902	5.20	2.00	2.00	2.00	2.00
1903	6.00	2.50	2.50	2.50	2.50
1904	7.00	3.00	3.00	3.00	3.00
1905	8.00	3.50	3.50	3.50	3.50
1906	9.00	4.00	4.00	4.00	4.00
1907	10.00	4.50	4.50	4.50	4.50
1908	11.00	5.00	5.00	5.00	5.00
1909	12.00	5.50	5.50	5.50	5.50
1910	13.00	6.00	6.00	6.00	6.00
1911	14.00	6.50	6.50	6.50	6.50
1912	15.00	7.00	7.00	7.00	7.00
1913	16.00	7.50	7.50	7.50	7.50
1914	17.00	8.00	8.00	8.00	8.00
1915	18.00	8.50	8.50	8.50	8.50
1916	19.00	9.00	9.00	9.00	9.00
1917	20.00	9.50	9.50	9.50	9.50
1918	21.00	10.00	10.00	10.00	10.00
1919	22.00	10.50	10.50	10.50	10.50
1920	23.00	11.00	11.00	11.00	11.00
1921	24.00	11.50	11.50	11.50	11.50
1922	25.00	12.00	12.00	12.00	12.00
1923	26.00	12.50	12.50	12.50	12.50
1924	27.00	13.00	13.00	13.00	13.00
1925	28.00	13.50	13.50	13.50	13.50
1926	29.00	14.00	14.00	14.00	14.00
1927	30.00	14.50	14.50	14.50	14.50
1928	31.00	15.00	15.00	15.00	15.00
1929	32.00	15.50	15.50	15.50	15.50
1930	33.00	16.00	16.00	16.00	16.00

The following table shows the results of the investigation of the causes of the recent drought in the United States, 1900-1901. The results are given in the form of a table, showing the amount of rainfall in each year, and the amount of rainfall in each month. The results are given in the form of a table, showing the amount of rainfall in each year, and the amount of rainfall in each month.

UNITED STATES DEPARTMENT OF AGRICULTURE
 BUREAU OF PLANT INDUSTRY

REPORT ON THE RESULTS OF THE INVESTIGATION OF THE CAUSES OF THE RECENT DROUGHT IN THE UNITED STATES, 1900-1901.

By J. H. COLEMAN, Chief of the Bureau of Plant Industry.
 Published by the Government Printing Office, Washington, D. C., 1902.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. MM 1410	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR TEXAS PACIFIC OIL CO., INC.		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 1069 - Hobbs, New Mexico		8. FARM OR LEASE NAME Elliott B-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit G 1980 FNL & 1980 FEL At top prod. interval reported below At total depth		9. WELL NO. 4	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Drinkard	
15. DATE SPUNDED 2-2-74		11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 17, T-22-S, R-37-E	
16. DATE T.D. REACHED 3-15-74		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 3-31-74		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3401' DW		19. ELEV. CASING HEAD _____	
20. TOTAL DEPTH, MD & TVD 7443'	21. PLUG, BACK T.D., MD & TVD CIBP @ 7100'	22. IF MULTIPLE COMPL., HOW MANY* _____	23. INTERVALS DRILLED BY 0 - 7443'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6378 - 6484' Drinkard			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/N, Micro-Laterolog; Laterolog			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8	28#	1100'	11"
5-1/2"	15.5 & 17#	7431'	7- 7/8"
		CEMENTING RECORD	
		300 sk Class C w/2% CaCl	
		350 sk Hallite / 800 Class C	
		TC-1600' fr. Surf	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	SIZE	DEPTH SET (MD)
		2-3/8"	6519'
31. PERFORATION RECORD (Interval, size and number) Devonian 7290-7421'. Tested. Non-productive Drinkard: 6378, 94, 6405, 13, 20, 27, 33, 36, 49, 56, 60, 67, 71, 74 & 6484' (15 holes) .31"		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7290-7421' 6378-6484' " " AMOUNT AND KIND OF MATERIAL USED 1000 gal acid 200 gal 15% NE 40,000 gal brine / 60,000# 20/40 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 3-31-74	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 14" x 16' Insert		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 4-2-74	HOURS TESTED 24 hr	CHOKE SIZE 64	PROD'N. FOR TEST PERIOD 173
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 40 BLW	OIL GRAVITY API (CORR.) 27.9
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
35. LIST OF ATTACHMENTS C-104, 9-331, Logs, Inclination Report			

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

SIGNED Lloyd Wright TITLE Area Superintendent DATE 4-3-74

*(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.	NAME	MEAS. DEPTH
Red Bed	0	1020	BST #1 7368 - 7431' IP 15 min. weak blow 84-148 PSI 1 1/4 hr SIP: 2750# 30 min PP 169-280 PSI Final SIP: 2 hr 2707 PSI Hydro In: 3897 Hydro Out: 3897 Rec: 200' drilling fluid 500' sulfur water	Bustler Yates Seven Rivers Queen Pawnee Grayburg San Andres Glorieta Blinobry Tubb Marker Drinkard Abo Devonian	1100 2557 2828 3330 3434 3596 3925 5052 5490 6066 6350 6630 7340
Red Bed & Anhy.	1020	1100			
Salt & Anhy	1100	2519			
Gyp & Anhy	2519	2890			
Anhydrite	2890	3691			
Lime	3691	3915			
Dolo. & Sand	3915	4290			
Lime & Sand	4290	4612			
Lime	4612	4880			
Lime & Dolo	4880	5992			
Anhy. & Dolo	5992	5816			
Lime & Dolo	5816	6500			
Lime	6500	7443			