

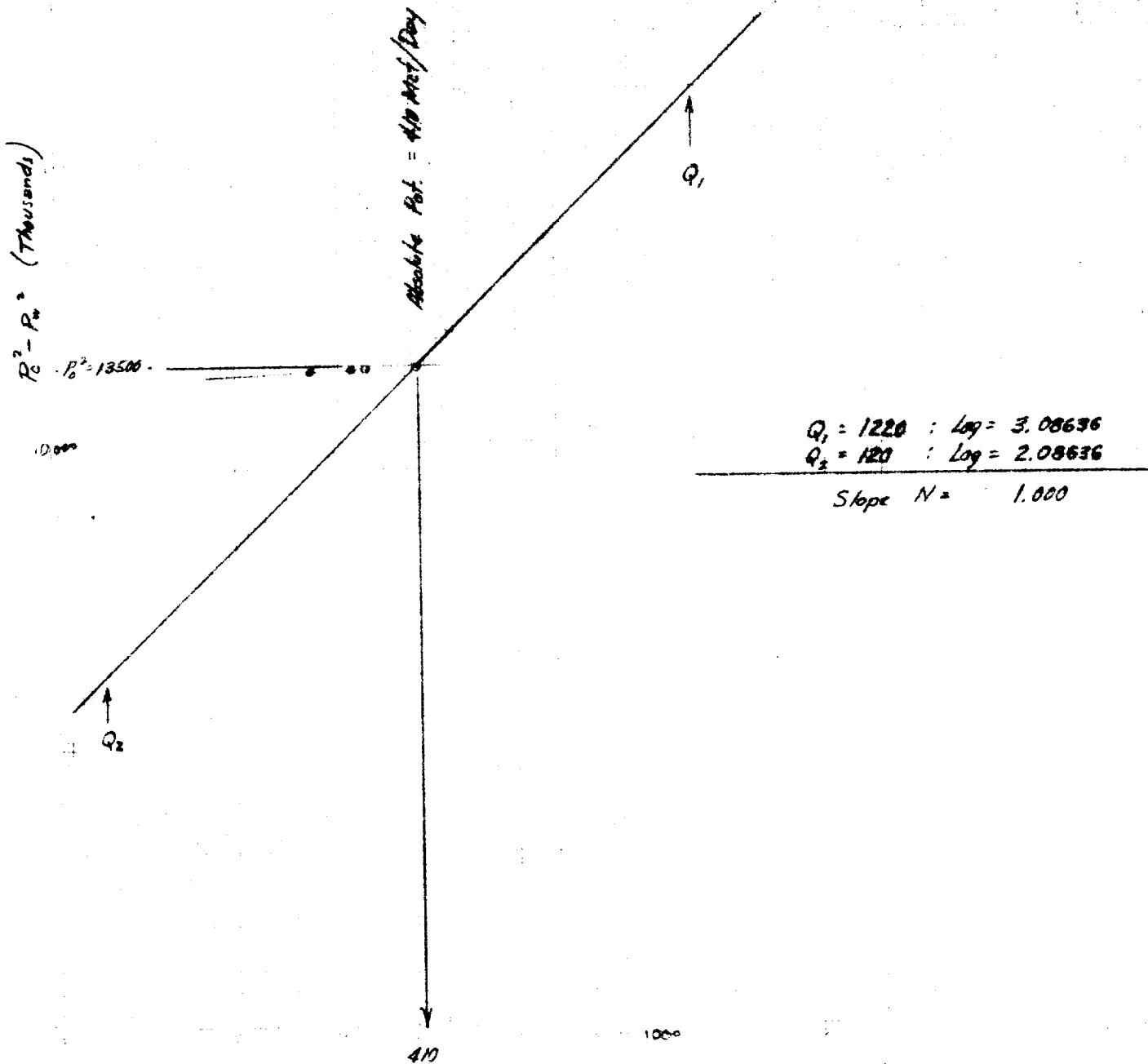
Corrected Copy

SINCLAIR OIL & GAS CO.
Southwest Jar Unit No. 1

Test 10-23-64

Location: G 4, T26S, R37E

County: LEA



Q_1 MCF/Day @ 15.025 PSI

ILLEGIBLE

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 _____		5. LEASE DESIGNATION AND SERIAL NO. Lee Green																									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Southern Oil Unit																									
2. NAME OF OPERATOR Finalair Oil & Gas Company		7. UNIT AGREEMENT NAME Southern Oil Unit																									
3. ADDRESS OF OPERATOR Box 1920, Hobbs, New Mexico		8. FARM OR LEASE NAME Wildcat																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1900' from North & East lines of Section 4-263-361, Lea County, New Mexico At top prod. interval reported below At total depth		9. WELL NO. 1																									
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Wildcat																									
15. DATE SPUDDED 4-21-64		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4-263-361, N1/4																									
16. DATE T.D. REACHED 6-18-64		12. COUNTY OR PARISH Lea																									
17. DATE COMPL. (Ready to prod.) 10-23-64		13. STATE NM																									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2905 GR		19. ELEV. CASINGHEAD 2905																									
20. TOTAL DEPTH, MD & TVD 13505 TD		21. PLUG, BACK T.D., MD & TVD 13235 PBD																									
22. IF MULTIPLE COMPL., HOW MANY* No		23. INTERVALS DRILLED BY D-13505																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow 13040 - 13202		25. WAS DIRECTIONAL SURVEY MADE Yes																									
26. TYPE ELECTRIC AND OTHER LOGS RUN G R Sonic, MFL, IL and ML		27. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																											
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8</td><td>42</td><td>360</td><td>17 1/2</td><td>425 size cement</td><td>None</td></tr><tr><td>9-5/8</td><td>36 & 40</td><td>5300</td><td>12 1/4</td><td>3400 size cement</td><td>None</td></tr><tr><td>7</td><td>23, 26, 29, 32</td><td>11300</td><td>8 3/4</td><td>1120 size cement</td><td>None</td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8	42	360	17 1/2	425 size cement	None	9-5/8	36 & 40	5300	12 1/4	3400 size cement	None	7	23, 26, 29, 32	11300	8 3/4	1120 size cement	None
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31. PERFORATION RECORD (Interval, size and number) Perforated & Open for production: 13040-55, 13160-172, 13196-202 with 66 3/8" holes.																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>13254-58</td><td>250 gal ms & cement squeezed</td></tr><tr><td>13135-3700</td><td>3003-5 Cement squeezed</td></tr><tr><td>13160-202</td><td>17500 gal acid 47504 gal Free</td></tr><tr><td>13040-55</td><td>4700 gal acid 90000 gal Free CO₂</td></tr><tr><td></td><td>6000 gal Free</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	13254-58	250 gal ms & cement squeezed	13135-3700	3003-5 Cement squeezed	13160-202	17500 gal acid 47504 gal Free	13040-55	4700 gal acid 90000 gal Free CO ₂		6000 gal Free												
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33. PRODUCTION																											
DATE FIRST PRODUCTION 6-11-64 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut In																											
DATE OF TEST 10-23-64 HOURS TESTED 4 CHOKE SIZE Variable PROD'N. FOR TEST PERIOD → OIL—BBL. 9 GAS—MCF. 79 WATER—BBL. 0 GAS-OIL RATIO 91.20																											
FLOW. TUBING PRESS. 80 CASING PRESSURE Packer CALCULATED 24-HOUR RATE → OIL—BBL. 52 GAS—MCF. 475 CADTP WATER—BBL. 0 OIL GRAVITY-API (CORR.) 48.0																											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Merrick D. Payne																											
35. LIST OF ATTACHMENTS																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED M. J. Singleton		TITLE Senior Engineer																									
		DATE October 29, 1964																									

Orig w/ee: USGS
Tulsa - NPS
Partners - File

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

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, and/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.

information 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. Consult local State

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	TOP TRUE VERT. DEPTH
Drill-Stem Test						
Capitan Reef	5270	5430	DST #1 Capitan Reef - 5270 - 5430, 5/8" X 1" Check, no WC, open 2 hrs. with vent blow through out. Rec. 360' Drilg. water. 5 min. IOPP - 994, 1 hr. I SIP - 2244, IFF-964, IFF-2174, 2 hr. PSIP-21024, Hyd. Press. 23404.	Bustler Yates 7 Rivers Capitan Reef Bone Springs Wolfcamp Strom Atoka	1275 3906 3680 3908 7808 10609 12420 13310	
Delaware	7720	7755	DST #2 Delaware - 7720 - 7755, 5/8" X 1" Check, no WC, open 2 hrs. with vent blow, dead in 5 mins. Rec. 15' Breckin Drilg. mud with Specs of Oil, 5 min. IOPP-204, 1 hr. ISIP-104, 2 hr. IOPP-204, PSIP-204, 2 hr. PSIP-604, Hyd. Press. 3574.			
Wolfcamp	11040	11160	DST #3 Wolfcamp - 11040-11160, 5/8" X 1" Check, no WC, open 2 hrs. with fair blow, decrease to vent in 10 min., vent blow through out. Rec. 25' sulphur water. 5 min. IOPP-1624, 1 hr. ISIP-324, IOPP-1624, 2 hr. PSIP-3454, Hyd. press 51154 temp 145°			

Continued on attached Page)

(Continued on attached page)