

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See 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. NM - 0430862	
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 Sun Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1861 Midland, Texas 79701		8. FARM OR LEASE NAME Chaves Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL and 660' FEL At top prod. interval reported below At total depth		9. WELL NO.	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED 4-19-71		11. SEC. T. R. M. OR BLOCK AND SURVEY Sec. 23, T11S, R30E	
15. DATE SPUNDED 4-29-71		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 5-16-71		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.)		19. ELEV. CASING HEAD	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4056.9 Gr.		20. TOTAL DEPTH, MD & TVD 4069	
21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Density, Mico Laterolog	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
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 Proration Clerk TITLE Proration Clerk

DATE 5-19-71

*(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, 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.

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 requirements for 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.

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 30: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction 20 items 22-23.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TR. VERT. DEPTH	LOG #
0				Redbed, salt, anhydrite	Yates	1608		
1500				Anhydrite	Queen	2324		
2340				Anhydrite & Lime	San Andres	2878		
2879				Lime				
3520				Lime & dolomite				
3950				Lime				
4069								
				Core #1 - 3437-3530, Core #2 - 3530-3585, Core #3 - 3585-3640, Core #4 - 4000-4055				
				DST #1 3520-3585, no cushion, open 1 hr. rec. 2' drilling mud, no show oil or gas, btm. ch. 1", top ch. 5/8" ISIP 170#, IFP 63#, FFP 63#, FSIP 170#, Hyd. press. 1970#, BH temp. 87°F.				

MAY 20 1971
 OIL CONSERVATION COMM.
 HOBB, N. M.

RECEIVED
 24-HOUR WORK

337 SUMMARY OF POROUS ZONES,
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING
 DOWN HOLE PRESSURE, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES
 INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38.

SUN OIL COMPANY
INCLINATION REPORT
CHAVES FEDERAL #1

DEPTH	FEET	ANGLE	DISPL. FT.	CUMU. DISPL. FT.
163	163	1/2	1.42	1.42
449	286	1/4	1.26	2.68
950	501	1/4	2.20	4.88
1425	475	3/4	6.22	11.10
1650	225	3/4	2.95	14.05
2120	470	3/4	6.16	20.21
2419	299	1/2	2.60	22.81
2879	460	1/2	4.00	26.81
3028	149	3/4	1.95	28.76
3154	126	3/4	1.65	30.41
3272	118	1/2	1.03	31.44
3375	103	1/2	.88	32.32
3475	100	1/2	.87	33.19
3585	110	3/4	1.44	34.63
3975	390	3/4	5.11	39.74

AFFIDAVIT

State of Texas

County of Midland

Before me, the undersigned authority, on this day personally appeared R. W. Hughes known to me to be employed by Sun Oil Company in the capacity of Proration Clerk, stated that the test data shown hereon is true and correct to the best of his knowledge.

Subscribed and sworn to before me on this the 19th day of May, 1971.

Claudia J. Armstrong
Notary Public in and for Midland
County, Texas

RECEIVED
MAY 20 1971
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

MAY 24 1971

O. C. C.
ARTESIA, OFFICE

RECEIVED

MAY 20 1971

OIL CONSERVATION COMM.
HOBBS, N. M.