

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. NM-086	
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 The Superior Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1900, Midland, Texas 79701		8. FARM OR LEASE NAME Government "E"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,880' FWL & 610' FSL, Section 25, T-19-S, R-34-E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 2-13-71		16. DATE T.D. REACHED 3-23-71	
17. DATE COMPL. (Ready to prod.) 4-24-71		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* RKB: 3,745, GR: 3,733	
19. ELEV. CASINGHEAD 3,733		20. TOTAL DEPTH, MD & TVD 10,300	
21. PLUG, BACK T.D., MD & TVD 10,277		22. IF MULTIPLE COMPL., HOW MANY* ---	
23. INTERVALS DRILLED BY 0-10,300		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Bone Springs Formation Top at 9,716 and Bottom at 9,749 Perforated Interval 9,716 to 9,720 with 4 jet shots per foot	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Sidewall Neutron Porosity & Dual Induction -Laterolog	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
11-3/4"		42#	
8-5/8"		32#	
5-1/2"		17#	
Depth Set (MD)		Hole Size	
400'		15"	
4,089'		11"	
10,300'		7-7/8"	
Cementing Record		Amount Pulled	
450 sx class "H" w/2%CaCl		None	
775 sx TLW & Incor Pozmix		None	
500 sx class "H"		None	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
None		2-7/8"	
Top (MD)		Depth Set (MD)	
Bottom (MD)		Packer Set (MD)	
Sacks Cement*		None	
Screen (MD)		31. PERFORATION RECORD (Interval, size and number) Perfs 9,720-9,728 w/4 JSPF, (total 32 holes of .40" diameter) Squeezed off. Perfs 9,716-9,720 w/4 JSPF, (total 16 holes of .40" diameter) Current Perfs.	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION	
Depth Interval (MD)		Amount and Kind of Material Used	
9,720-9,728		Squeeze-475 sx class "H" cmt.	
9,716-9,720		250 gallons 7-1/2% acid.	
9,716-9,720		500 gallons 15% acid.	
Date First Production 4-6-71		Production Method (Flowing, gas lift, pumping—size and type of pump) Pumping-Beam type 2-1/2" x 1-3/4" x 22"	
Date of Test 4-26-71		Hours Tested 24	
Choke Size --		Prod'n. for Test Period 97	
Flow. Tubing Press. ---		Casing Pressure ---	
Calculated 24-Hour Rate ---		Oil-BBL. 97	
Disposition of Gas (Sold, used for fuel, vented, etc.) Vented at present-pending pipeline connection		Gas-MCF. 191	
List of Attachments Schlumberger Sidewall Neutron Porosity, Dual Induction -Laterolog & Drill stem test data.		Water-BBL. 314	
I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		Oil Gravity-API (CORR.) 40.0	
Signed T.D. Clay		Title Production Engineer	
Date 4-27-71		Test Witnessed By H. T. Francis	

* (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. (Drillers, geologists, sample and core analysts, all types electric, etc.), formations and/or State laws and regulations. All attachments should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Consult local State 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: "Stacks 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			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red beds	0	400	Top Bone Springs 9,716 (-5,971)	Cherry Canyon	6,490	
Red beds & anhyd.	400	1,206	Bottom Bone Springs 9,749 (-6,004)		(-2,745)	
Anhydrite & salt	1,206	2,475	DST No. 1 9,631 - 9,690	Bone Springs	9,716	
Anhydrite	2,475	3,887	Johnston tester, 500' fresh wtr cushion,		(-5,971)	
Anhyd & limestone	3,887	4,100	5/8" btm hole chk. Pkr set @ 9,631'.			
Limestone & shale	4,100	4,379	TO for 10 min preflow w/very weak blow.	Lower Bone Springs	10,222	
Limestone	4,379	4,697	SI for 1 hr. TO for 1-1/2 hr test w/weak		(-6,477)	
Limestone & dolo	4,697	5,279	blow thruout. SI for 1 hr. POH & rec			
Limestone	5,279	6,092	30' slightly gas cut drlg mud. 1,560 cc			
Limestone & dolo	6,092	6,558	slightly gas cut mud in sample chamber.			
Limestone & shale	6,558	8,150	TSIP 683, IFP 218, FFP 218, TSIP 722,			
Limestone	8,150	8,300	HP 4,536 in & out, BHT 136° F.			
Limestone & shale	8,300	8,702				
Shale & limestone	8,702	8,935				
Limestone & shale	8,935	9,431				
Dolo, LS & chert	9,431	9,584				
Dolo & limestone	9,584	9,690				
Limestone & dolo	9,690	9,751				
LS, dolo & shale	9,751	10,246				
Dolomite & chert	10,246	10,300 TD.				

RECEIVED
MAY 1971
OIL CONSERVATION CO. AM.
HOBBES, N. J.