

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.

458

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				RECEIVED			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				MAR 21 '88			
2. NAME OF OPERATOR Sun Exploration & Production Co.				O. C. D.			
3. ADDRESS OF OPERATOR P.O. Box 1861, Midland, Texas 79702				ARTESIA, OFFICE			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface N, 660' FSL & 1980' FWL At top prod. interval reported below At total depth				14. PERMIT NO. _____ DATE ISSUED 11-24-87			
15. DATE SPUDDED 12-30-87		16. DATE T.D. REACHED 1-28-88		17. DATE COMPL. (Ready to prod.) 1-29-88			
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3411.9' GR		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 9960'			
21. PLUG, BACK T.D., MD & TVD 9940'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9590' - 9736' Morrow				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MG-GR, DSN-SDL, Dipmeter, GR-CCL, GR-Corr				27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13 3/8"	54.5#	509'	17 1/2"	525 sxs 'C'	85 sxs		
8 5/8"	24#	2897'	11"	1000 sxs Lite & 'C'	120 sxs		
5 1/2"	17#	9960'	7 7/8"	975 sxs 'H'	TQC 6500' T.S.		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	9550	9473
31. PERFORATION RECORD (Interval, size and number) 9560'-9736', 4 JSPF, 71 holes, Morrow				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
						None	
33. PRODUCTION							
DATE FIRST PRODUCTION 2-16-88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) SI		
DATE OF TEST 2-21-88	HOURS TESTED 4 pt	CHOKE SIZE 19/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →	GAS-OIL RATIO
FLOW. TUBING PRESS. 1018#	CASING PRESSURE 0-PKR	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 4.310 MMCFPD	WATER—BBL. 0	OIL GRAVITY-API (CORR.) None	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI - Pending pipeline connection						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Inclination, C-122, C-104, C-103						ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Maria L. Perez		TITLE Accounting Associate		DATE MAR 14 1988			

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

SJS
CARLSBAD, NEW MEXICO

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	TRUE VERT. DEPTH
Queen	973	1505	Shale, Limestone	Queen	973	
Grayburg	1505	1761	Sandstone, Dolomite	Grayburg	1505	
San Andres	1761	3399	Dolomite	San Andres	1761	
Glorietta	3399	4090		Glorietta	3399	
Bone Spring	4090	6550	Dolomite, Shale	Bone Spring	4090	
Wolfcamp	6550	8088	Dolomite, Shale, Limestone	Wolfcamp	6550	
Canyon	8088	8626	Dolomite, Shale, Limestone	Canyon	8088	
Strawn	8626	9200	Shale, Limestone	Strawn	8626	
Atoka	9200	9322	Sandstone, Shale	Atoka	9200	
Morrow	9322	9896	Limestone	Morrow	9322	
Chester	9896	TD		Chester	9896	
		9950				