

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR						5. LEASE DESIGNATION AND SERIAL NO.	
Sun Exploration & Production Company						NM32860	
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
P.O. Box 1861, Midland, Texas 79702							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						7. UNIT AGREEMENT NAME	
At surface B, 660' FNL & 1980' FEL							
At top prod. interval reported below:						8. FARM OR LEASE NAME	
At total depth						Buffalo Federal	
14. PERMIT NO.						9. WELL NO.	
DATE ISSUED						1	
9/4/87						10. FIELD AND POOL, OR WILDCAT	
15. DATE SPUDDED						Buffalo Bone Spring	
10/31/87						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
16. DATE T.D. REACHED						11, T-19-S, R-33-E	
1/13/88						12. COUNTY OR PARISH	
17. DATE COMPL. (Ready to prod.)						Lea	
1/23/88						13. STATE	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						NM	
3729.5' GR						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
13450		9630				ROTARY TOOLS	
						X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
9264-9586 Bone Spring						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
DDL-MSFL-GR, CNL-LDT-GR, L.S.-Sonic, GR-CCL						No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8	54.5#	525	17½	525 sks 'C'		150 sks	
9-5/8	40#	5387	12¼	3400 sks 'C'		779 sks	
5½	17#	9700	7-7/8	1075 sks Lite 50-50 poz		TDC 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	9627	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
9264-9586, 9 holes, 1 JSPF Bone Spring				DEPTH INTERVAL (MD)			
				9264-9586			
				w/63000 gls Dowell Bone Spring frac fluid,			
				27000 gls CO2, 46000# 20/40 sd.			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2/8/88		2½x1¼x24				Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/27/88	24			12	22	30	1833/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
						35° @ 56°F	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Flared							
35. LIST OF ATTACHMENTS							
3160-5, C-104, inclination C-116							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
Maria L. Perez		Accounting Associate				4/13/88	

*(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:				38. GEOLOGIC MARKERS	
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					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Rustler	1522	4342	Anhydrite	Rustler	1522
Queen	4342	5053	Sandstone	Queen	4342
San Andres	5053	7781	Dolomite	San Andres	5053
Bone Spring	7781	9554	Limestone	Bone Spring	7781
Bone Spring	9554	10460	Limestone	Bone Spring	9554
Bone Spring	10460	10764	Limestone	Bone Spring	10460
Wolfcamp	10764	12034	Limestone	Wolfcamp	10764
Strawn	12034	12336	Limestone	Strawn	12034
Atoka	12336	13060	Limestone	Atoka	12336
Morrow	13060	13400	Sandstone	Morrow	13060
Chester	13400	13450 TD	Sandstone	Chester	13400