

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 *

5. LEASE DESIGNATION AND SERIAL NO.

LC-063645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mescalero Ridge Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Mescalero Escarpe Bone Spr

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 13, T-18-S, R-33-E

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

Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR

P.O. Box 1861, Midland, Texas 79702-1861

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface Unit Ltr. A 430' FNL & 900' FEL

At top prod. interval reported below

At total depth 9200

14. PERMIT NO.

DATE ISSUED

10-22-85

12. COUNTY OR
PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

12-1-85

16. DATE T.D. REACHED

1-5-86

17. DATE COMPL. (Ready to prod.)

1-21-86

18. ELEVATIONS (OF CASE, RT. GR. ETC.)*

4050.4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9200

21. PLUG BACK T.D., MD & TVD

9146

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)*

8743-8933 Mescalero

25. WAS DIRECTIONAL
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL

27. WAS WELL CORED

Yes

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	48	356	17-1/2	375 SXS	
8-5/8	24 & 32	3311	12-1/4	1000 SXS	
5-1/2	15.5 & 17	9200	7-7/8	1400 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	9002	

31. PERFORATION RECORD (Interval, size and number)

8744-8766 2 JSPF 45 holes w/4" csg gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8744-8766	Acidz w/2500 qals 20% NEFEHCL

33.*

PRODUCTION

DATE FIRST PRODUCTION

1-16-86

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

pumping 1-1/4"

WELL STATUS (Producing or
shut-in)

producing

DATE OF TEST

1-23-86

HOURS TESTED

24 hrs.

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL—BBL.

87

GAS—MCF.

90

WATER—BBL.

21

GAS-OIL RATIO

1034/1

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

35. LIST OF ATTACHMENTS

Inclination

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Associate Accountant

DATE 1-24-86

*(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 33.

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: 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
San Andres	5276	5340	Dolomite WH to tan w/fine crystalline, DST #1 5276-5340. No H ₂ O cushion 15 min IF, 45 min ISI, 90 min FF, 180 min FSI Tool open w/weak blow w/no fluid to surf. Sample Chamber Rec .02 cu ft gas 600cc of oil oil grav 38.7 API @ 60°F 1300 cc H ₂ O @ 67 psi Rev out 2200 ft of gas, 3 bbl gas & oil cut mud. 22 bbl mud.	Rustler	1728	same
			Salado	1836		
			Tansill	3105		
			Yates	3210		
			Seven Rvrs	3624		
1st Bone Spring	8400	8430	Gry to tan sandstone, fine grains, consol- idated and sorted, possible oil prod. "	Queen	4343	
				San Andres	5114	
				Delaware Mtn Group	5902	
"	8480	8500	"	Bone Springs	6896	
				1st Bone Spr Sd	8328	
				Mescalero		
Mescalero	8743	8933	Dolomite, tan, FN to med crystalline, sucrosic cored 8713-8874 w/8753-8763 having good vuggy Ø w/bleeding oil & gas	Zone	8743	
				2nd Bone Spr Sd	8933	

RECEIVED
FEB - 3 1988
O.C.D.
W. C. C. OFF.

RECEIVED
FEB - 3 1986
O.C.D.
WELLS OFFICE