

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MEXICO 88240

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

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.

2

10. FIELD AND POOL, OR WILDCAT

Mescalero Escarpe Bone Springs

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

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

12. COUNTY OR PARISH
Lea13. STATE
NM

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. G 1700' FNL & 1700' FEL

At top prod. interval reported below

At total depth

9300

14. PERMIT NO.

DATE ISSUED

10-9-85

15. DATE SPUDDED

10-27-85

16. DATE T.D. REACHED

11-26-85

17. DATE COMPL. (Ready to prod.)

12-9-85

18. ELEVATIONS (DF, PKB, RT, GR, ETC.)*

4006.8' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9300

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

8903

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8749-8980 Mescalero

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL

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	48	363	17-1/2	375 sxs	
8-5/8	24 & 32	3247	12-1/4	900 sxs	
5-1/2	17 & 15.5	9300	7-7/8	1450 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8866	

31. PERFORATION RECORD (Interval, size and number)

8749-8780 2 JSPF 63 holes w/4" OD CG

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8749-8780	Acidz w/4000 gals 20% NEFEHCL

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-7-85		pumping 1½"					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-23-86	24 hrs		→	13	55		4231/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	ACQUIRED FOR RECORD					

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

sold

TEST WITNESSED BY

Blair Thompson

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

Dee Ann Kemp

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 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, 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	5310	5350	Dolomite, wh, tan, vf xln, possible oil production	Rustler	1655	same
1st Bone Spring Sand	8332	8393	Sandstone, gry-wh, f gr, consolidated slightly calc, possible oil & gas	Salado	1763	
Basal 1st Bone Spring Carbonate	8650	8677	Dolomite, tan, vf xln possible oil & gas	Tansill	3056	
Mescalero Zone	8749	8980	Dolomite, tan, f-m xln, oil & gas production. DST 8779-8796 IFP:54-54 FF:54-67 IHP:4289 ISIP: 2335# FSIP:772 FHP:4289 Recovered: 2 bbls oil cut mud, 3 bbl gas, Sampler:500# 2200 cc mud 20cc oil	Yates	3169	
				Seven Rvrs	3592	
				Queen	4313	
				Grayburg	4762	
				San Andres	5110	
				Delaware Mt Group	5937	
				Bone Springs	7042	
				1st Bone Sprg Sd	8341	
				Mescalero Zone	8749	
				2nd Bone Sprg Sd	8980	

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