

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

FORM 9-330
BUREAU OF LAND MANAGEMENT, 401 RAYMOND(See other
instructions on
reverse side)

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.

1

10. FIELD AND POOL OR WILDCAT

Mescalero Escarpe Bone Springs

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

Sec. 13-18S-31E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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 Company

3. ADDRESS OF OPERATOR

P.O. Box 1861, Midland, Texas 79702

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

At surface Unit Letter B 330' FNL & 2030' FEL of
At top prod. interval reported below Sec. 13-18S-31E
At total depth

14. PERMIT NO.

NA

DATE ISSUED

5/17/85

15. DATE SPUDDED

6/1/85

16. DATE T.D. REACHED

6/30/85

17. DATE COMPL. (Ready to prod.)

7/2/85

18. ELEVATIONS (OF, BSE, BS, GR, ETC.)*

4092 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9300

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

9257

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)*

8714 - 8752 8762 - 8773 Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Temp Survey, BHC-Sonic, DLL-Micro SFL, 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#	360	17-1/2"	375 sks 'C'	
8-5/8	24 & 32#	3300	11"	1300 sks 'C'	
5-1/2	15.5 & 17#	9300	7-7/8"	1600 sks 'C'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8612	8613

31. PERFORATION RECORD (Interval, size and number)

8714 - 8752 2 JSPF 100 holes 4" csg gun
8762 - 8773

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8714 - 8773	Acid 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)	
7/11/85		Flowing					shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/12/85	24	20/64	—————→				1164/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	ACCEPTED FOR RECORD		OIL GRAVITY-API (CORR.)		
370		—————→	275	320	14 load water	40.5		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			shut in		TEST WITNESSED BY			

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

shut-in

TEST WITNESSED BY

Pending Marketing Arrangements

JUL 22 1985

35. LIST OF ATTACHMENTS

C-104 - Inclination

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

SIGNED

D. A. Thompson

TITLE Sr. Accounting Assistant

DATE 7/16/85

*(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; 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
Bone Springs	7123	7129	Gray-Dk. Gray Limestone probable oil	Rustler	1696	Same ↓
Bone Springs	8276	8282	Gray-Tan Limestone probable oil & gas	Salado	1805	
1st Bone Springs Sand	8518	8552	Gray-Tan Sandstone fine grained, well sorted slightly calcareous probable oil	Yates	3192	
				Seven Rivers	3614	
				Queen	4337	
				Grayburg	4783	
				San Andres	5127	
				Delaware Mtn Group	5947	
				Bone Springs	7014	
				1st Bone	8100	
Bone Springs Mescalero Zone	8713	8773	Dolomite, Tan, Fine Crystalline DST #1 8700-8811, No water cushion 30 min IF, 60 min ISI, 60 min FF, 120 min FSI. If open w/strong blow, gas to surface in 12 min, FARO 209 MCFPD rate. IF 172#-386# ISIP 3017#, FF 343#-687#, FSI 2974#. Reversed out 13 BU OBW	Springs Sand	8713	
				Mescalero Zone	8713	
				2nd Bone	8916	
				Springs Sand	8916	

JUL 20 1965