

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O. BOX 1330
HOBBS, NEW MEXICO 88240

SUBMIT IN DUPLICATE

Form approved
Budget Bureau 12-11-615. LEASE DESIGNATION AND LEASE NO.
NM-04591

6. IF INDIAN, ALLOTTEE OR TRUST NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mescalero Ridge "B" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WELLCAT

Mescalero Escarpe Springs

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

Sec. 13-18S-33E

12. COUNTY OR
PARISH
Lea13. STATE
NM1a. 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 330 FN + 1480 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

6/19/85

15. DATE SPUDDED

8/18/85

16. DATE T.D. REACHED

9/16/85

17. DATE COMPL. (Ready to prod.)

10/2/85

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

4020 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9220

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

9102

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)*

Bone Springs 8736-8776

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, BHC Sonic, CN/LS w/GR

27. WAS WELL CORED

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#	355	17-1/2	375 sks CL "C"	Surf
8-5/8	24# & 32#	3300	12 1/4	800 sks Howco Lite & 300 sks CL "C" Neat	2100
5 1/2	15.5 & 17	9220	7-7/8	550 sks CL "H", 850 sks Howco	

29. LINER RECORD

50 sks CL "C" TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKED SET (MD)
					2-7/8	8774	

31. PERFORATION RECORD (Interval, size and number)

8736-8776 2 JSPF, 28 holes, 4" csg gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8736-8776	4,000 gals 20% NEFE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/27/85		pumping -2½ x 1½ x 26'				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/6/85	24	16/64	—————→				1649/1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		—————→	232	381	300	39.0	

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

Sold - Phillips Petroleum Co. - 10-2-85

35. LIST OF ATTACHMENTS

OCT 21 1985

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

SIGNED

Melma Kiefer

TITLE

Sr. ACCOUNTANT

CARLSBAD, NEW MEXICO

DATE 10/8/85

*(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:			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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring	8734	9037	Rustler	1663	Same
			Salado	1768	"
			Tansill	3045	"
			Yates	3155	"
			7-Rivers	3570	
			Queen	4313	
			Grayburg	4759	
			San Andres	5115	
			Del. Mtn. GP	5990	
			Bone Spring	6974	
			1st " "	8280	
			Mescalero Z	8734	
			2nd Bone Spring	9037	
DST #1 - No wtr cushion/ BHC 3/4 SC 1/4 IF 30 min, ISI 60 min. FF 120 min, FSI 240 IF weak to good Blo, press 0-1 #FF fair to good Blo, press 0-9#, Gas to surf. 42 min of FF, 23 MCF at end of flow pull 2 STDS, rev out 6 Bbl oil, 28 Bbl mud, TR. wtr, rec 50 CC mud, 250 CC wtr, 1300 CC oil, .114 cu/ft gas FSIP 2795, FHP 4314					