

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 02391-A

6. IF INDIAN, ALIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MESCALERO RIDGE UNIT

8. FARM OR LEASE NAME

MESCALERO RIDGE UNIT

9. WELL NO.

22

10. FIELD AND POOL, OR WILDCAT

Quail Ridge Bone Springs

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

21-T19S-R34E

12. COUNTY OR PARISH
Lea13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION RECORD 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

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 1920, Hobbs, New Mexico

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

At surface 660 feet from the North line and 1980 feet from the West line.

At top prod. interval reported below as above

At total depth as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9-16-66

16. DATE T.D. REACHED

10-25-66

17. DATE COMPL. (Ready to prod.)

11-13-66

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

3750' CR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10,132'

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

10,128'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-10,132'

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

10,114-10,124' (Bone Springs)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Micro Laterolog, Laterolog Survey & Collar log

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
11-3/4" OD	42#	423'	15"	275 sacks	None
8-5/8" OD	24,32&36#	5547'	11"	585 sacks	None
5-1/2" OD	14,15.5&17#	10,132'	7-7/8"	625 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	9813'	None

31. PERFORATION RECORD (Interval, size and number)

10,114-10,124', 3/8", 20 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,114-10,124'	500 gals. Mud Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-12-66		Pumping 2" X 1-1/4" X 18'				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-13-66	24 hrs.		→	58	75	39	1290:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	58	75	39	33.2	

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

Vented

TEST WITNESSED BY

Mr. C. E. Butler

35. LIST OF ATTACHMENTS

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

SIGNED

W. H. Hamilton

TITLE

Engineer

DATE

11-14-66

*(See Instructions and Spaces for Additional Data on Reverse Side)

Orig & 2cc: USGS, Hobbs

cc: Partners

cc: Regional Office

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of wells and/or State agencies 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 23, 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 log analyses, all types electric logs), formation and pore pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. An area analysis should be attached to 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, depths, both in feet and inches (if any) for only the interval reported in item 23. Submit a separate report (page) on this form and log for any additional for each additional interval to be separately reported, showing the additional data pertinent to such interval.

Item 29: "Sucker 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 POREOUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL WELL-TEST TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, COMPLETION, ETC.
Bore Springs	10,115'	10,040'	DST #1. 5/8" x 1" Choke, no water cushion oper 2 hrs. w/fair blow, gas to surface in 10 mins. TSTM. Recovered 712' clear oil, gvt 33.2, 145' oil & gas cut mud. 5" ICFP 59#, 1 hr. ISIF 2142#, 2 hrs. ICFP 0#, FFP 197#, 2 hrs. FSIP 2142#. Hyd. 4412 and 4412.
			Yates 3427'
			Queen 4078'
			Sar Andres 5460'
			Bore Springs 8143'