ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.: Fee

1a. TYPE OF WELL

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ — OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: Lottie York "23"

2. Name of Operator: Sun Exploration & Production Co.

9. Well No.: 1

3. Address of Operator: P. O. Box 1861, Midland, Texas 79702

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well: UNIT LETTER N LOCATED 510 FEET FROM THE South LINE AND 1800 FEET FROM THE West LINE OF SEC. 23 TWP. 17-S RGE. 37-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
6-30-88	7-30-88	7-30-88	3721.3' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
11,625'	Surf.		→	X	

24. Producing Interval(s), of this completion — Top, Bottom, Name

Well Plugged and Abandoned

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run

DLL-MSFL-GR, CNL-LDT-GR, BHC-Sonic, Dipmeter, Digital Sonic, VSP

27. Was Well Cored: Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	510'	17-1/2"	525 sxs "C"	200 sxs
8-5/8"	32#	4500'	11"	1350 sxs Lite & "C"	TOC 450' T.S.

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
	None	

31. Perforation Record (Interval, size and number)

None

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
No Prod.	Plugged and Abandoned	P & A'd

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio

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.)

Test Witnessed By

35. List of Attachments

C-103, set of logs, Eastman Whipstock Directional Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Maria L. Perez TITLE Accounting Associate DATE 8-11-88

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	2219 (+1518)	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	2335 (+1402)	T. Strawn	11330 (-7593)	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11512 (-7775)	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3536 (+ 201)	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3780 (- 43)	T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	5530 (-1793)	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	7095 (-3358)	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	10025 (-6288)	T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)	10621 (-6884)	T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2219	2335	116	Anhydrite	7710	8250	540	Dolomite
2335	3280	945	Salt w/anhydrite, siltstone and shale	8250	8308	58	Sandstone & Siltstone
3280	3536	256	Anhydrite, salt and siltstone	8308	8543	235	Dolomite
3536	3780	244	Sandstone, Siltstone, Anhydrite and Dolomite	8543	9368	825	Siltstone & Sandstone
3780	5380	1600	Dolomite w/interbedded sandstones and anhydrite	9368	9618	250	Dolomite & Sandstone
5380	5530	150	Interbedded shale and dolomite	9618	10025	407	Sandstone w/interbedded Dolomites
5530	6710	1180	Dolomite	10025	11278	1253	Limestone & interbedded Limestone and Shale
6710	7710	1000	Limestone	11278	11478	200	Limestone
				11478	11512	34	Sandstone
				11512	11625	113	Shale and Sandstone