

Confidential

Form 9-330
(Rev. 5-68)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

33210
SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 13987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Scoggins Draw Federal Com.

9. WELL NO.

1

10. FIELD AND POOL, APPLICABLE
Wildcat Morrow

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

Sec. 22, T-18-S, R-27-E

12. COUNTY OR PARISH
Eddy13. STATE
NM**WELL COMPLETION OR RECOMPLETION REPORT 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. RESV. ☐ Other ☐

2. NAME OF OPERATOR

Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR

P.O. Box 1861, Midland, Texas 79701

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

At surface Unit Letter F, 1980' FNL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

CER #179

DATE ISSUED

4/29/87

15. DATE SPUDDED

5/27/87

16. DATE T.D. REACHED

7/6/87

17. DATE COMPL. (Ready to prod.)

7/9/87

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

3416.6' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10000

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

9923

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)*

9732-9778 Lower Morrow Sandstone

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL-MSFL-GR, CNL-FDC-CAL-GR w/Neutron-GR, BHC Sonic, Dipmeter, 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	54.5#	500'	17 1/2"	525 sks "C"	60 sks
8-5/8	24#	2900'	11"	1230 sks "C"	280 sks
5 1/2	17#	10000	7-7/8"	1000 sks "H", 50-50 poz	TOC 6000' TS

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					None	Flowing	
					2 3/8	9670	

31. PERFORATION RECORD (Interval, size and number)

9732-9778 (.48, 106)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7/25/87		Flowing Gas Well					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/27/87	4-pt	19/64	→	0	2461-6672	0	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
2960	0-Pkr	→	0	6672	0	0		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Gas Contract Under Negotiation (CAOF-28208 MCF)

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

SIGNED

TITLE Associate Accountant

DATE 8/10/87

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Bone Spring Dolomite	6550	6608	DST #1 - 6520-6615 - Reversed out mud S.C. - 0.14 FT3 Gas; 2200cc mud	Queen	1012
Strawn Sand	8972	9010	DST #2 (Misrun) 8950-9016 DST #3 - 8950-9016 - Reversed out 100' oil; 1700' wtr. cushion S.C. - 8.6 FT3 gas; 1400cc oil; 400cc mud @ 1425#	Grayburg San Andres Glorieta Bone Spring	1548 1810 3511 4206
Middle Morrow Sand	9608	9685	DST #4 - 9570-9726 - Reversed out 1800' GCWCUSH; 3200 GCM	Wolfcamp Canyon	6832 8119
Lower Morrow Sand	9685	9778	60 BBL GCM to pits. took a 30 BBL pit gain on bottoms up and a 42 BBL pit gain on second bottoms up. S.C. - 11.2 FT3 gas; 1320cc mud @ 3000# no water, no oil	Strawn Sand Atoka Clastics Upper Morrow Middle Morrow Lower Morrow Chester	8648 8972 9243 9386 9608 9685 9956

WELL NAME AND NUMBER SED-Scoggins Draw Federal Comm. #1

9006

LOCATION Section 22, T18S, R27E, Eddy County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

RECEIVED

OPERATOR Sun Exploration and Production CompanyDRILLING CONTRACTOR MORANCO Drilling, Inc.

MAY 18 '89

O. C. D.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 202</u>	<u>2 3825</u>	<u>4 1/4 6932</u>	<u> </u>
<u>1 500</u>	<u>2 4032</u>	<u>4 7173</u>	<u> </u>
<u>1 1/4 723</u>	<u>2 1/4 4527</u>	<u>3 1/4 7453</u>	<u> </u>
<u>1 1033</u>	<u>3 4620</u>	<u>2 7825</u>	<u> </u>
<u>1 1436</u>	<u>2 1/2 4713</u>	<u>0 8261</u>	<u> </u>
<u>2 1/4 1841</u>	<u>2 1/4 5240</u>	<u>0 8767</u>	<u> </u>
<u>2 1/2 1930</u>	<u>3 1/2 5712</u>	<u>1/4 9016</u>	<u> </u>
<u>2 2023</u>	<u>3 3/4 5899</u>	<u>1/4 9512</u>	<u> </u>
<u>1 3/4 2487</u>	<u>3 1/4 5991</u>	<u>1 10,000</u>	<u> </u>
<u>1 1/4 2900</u>	<u>4 6085</u>	<u> </u>	<u> </u>
<u>1 1/4 3408</u>	<u>4 1/2 6270</u>	<u> </u>	<u> </u>
<u>3 3720</u>	<u>3 1/2 6425</u>	<u> </u>	<u> </u>

Drilling Contractor MORANCO Drilling, Inc.By Wiley Gilmore
Wiley Gilmore - Marketing ManagerSubscribed and sworn to before me this 16th day of July 19 87

My Commission expires:

January 30, 1989

Susie Branyon
Notary Public Susie Branyon
Lea County, New Mexico