

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee   
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL  GAS WELL  OTHER   
2. Name of Operator: Sun Exploration & Production Co.  
3. Address of Operator: P. O. Box 1861, Midland, TX 79702  
4. Location of Well: UNIT LETTER A, 660 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE, SECTION 23 TOWNSHIP 24-S RANGE 36-E NMPM.  
5. Elevation (Show whether DF, RT, GR, etc.): 3345.4' GR  
6. Field and Pool, or Wildcat: Langlie Mattix 7 Rvrs Queen Grayburg  
7. Unit Agreement Name  
8. Farm or Lease Name: S. R. Cooper "A"  
9. Well No.: 3  
10. County: Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Continued Completion</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

C-105 & C-104 submitted 9/2/83 for allowable purposes.  
This is continued completion.

- 11/3/83 Perf'd Langlie-Mattix set II from 3476-3502 & 3514-3524 1-JSPF, 38 holes.
- 11/4/83 Acidized Langlie Mattix perfs 3476-3524 w/ 1000 gls 15%-NEFE HCL w/ 57 ball sealers.
- 11/5/83 Frac'd Langlie-Mattix perfs 3476-3524 w/ 28,000 gls YF 3 PSD w/ 44,000 # 20-40 sd, preceded by 7,000 gls PAD. Cleaned out sand to 3590 PBD
- 11/10/83 Set 2-7/8" tbg, TS @ 3465', SN @ 3428', Ran in hole w/ 2½ x 1½ x 18' pump & rods.
- 11/16/83 24 hrs pumped 16 BO, 51 BLW, 64 MCF, GOR 4000/1, Grv. 40.2°.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Maria L. Perez TITLE Senior Accounting Assist. DATE 12/2/83  
APPROVED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE \_\_\_\_\_ DATE DEC 5 1983  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DEC 5 1983  
O.C.D.  
RECORDS OFFICE

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Form C-105  
Revised 11-76

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
S. R. Cooper "A"

9. Well No.  
3

10. Field and Pool, or Wildcat  
Langlie Mattix 7 Rvrs  
Queen Grayburg

2. Name of Operator  
Sun Exploration & Production Company

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

4. Location of Well  
UNIT LETTER A LOCATED 660 FEET FROM THE North LINE AND 990 FEET FROM  
THE East LINE OF SEC. 23 TWP. 24-S RGE. 36-E N.M.P.M.

12. County  
Lea

15. Date Spudded 7-8-83  
16. Date T.D. Reached 7-14-83  
17. Date Compl. (Ready to Prod.) 8-9-83  
18. Elevations (DF, RAB, RT, GR, etc.) 3345.4' GR  
19. Elev. Casinghead

20. Total Depth 3600'  
21. Plug Back T.D. 3590'  
22. If Multiple Compl., How Many No  
23. Intervals Drilled By Rotary Tools X  
Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name  
3468 - 3600' Langlie - Mattix

25. Was Directional Survey Made No  
inclination report attached

26. Type Electric and Other Logs Run  
DLL, GR-CCL

27. Was Well Cored  
No

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

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	563'	12 1/4"	400 sx "C"	Circ'd 57 sx
5 1/2"	14#	3600'	7-7/8"	800 sx "C"	Circ'd 80 sx

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Details (Interval, size and number)

3568-3576 (17 holes, 2 JSPF)  
Langlie - Mattix  
3547-3555 (17 holes, 2 JSPF)  
Langlie - Mattix

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3568-3576	Acidized w/250 gls 15% NEFE
3547-3555	Acidized w/250 gls 15% NEFE
3547-3576	Acidized w/2000 gls 15% NEFE
3547-3576	Frac'd w/16,000 gls Mini-Max

33. PRODUCTION III-40, 26,000# 20-40 sd

Date First Production 8-9-83  
Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 X 1 1/2 X 16' pump  
Well Status (Prod. or Shut-in) Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9-1-83	24			39	115	26	2949/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
						40.2°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Venting

Test Witnessed By  
R. L. Shipman

35. List of Attachments  
C-104, C-102, Inclination Report

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 Mary L. Perez TITLE Sr. Accounting Asst. DATE 9-2-83

**INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 <u>1222</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1337</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2850</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3017</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3230</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3567</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	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 _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	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
1222	2850	1628	Interbedded anhydrite & salts.	3567	3600	33	Sandstone and Dolomitic sands.
3017	3230	213	Interbedded sandstones, dolomites, and dolomitic sands.				
3230	3567	337	Upper primarily dolomites with some interbedded sands; lower primarily sandstones with interbedded dolomites and laminated shales				

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