

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Sun Exploration & Production Company

Address  
P. O. Box 1861, Midland, Texas 79702

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain)  
To add Casinghead Gas Gatherer.  
Form C-129, NFO Permit No. 1633 not required any more

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name: Cooper "B"

Well No.: 5

Pool Name, including Formation: *Langlie Mattix 7 Rvrs*

Kind of Lease: State, Federal or Fee

Fee

Lease No.: NMJ-533

Location: Queen Grayburg

Unit Letter: C ; 2310 Feet From The West Line and 990 Feet From The North

Line of Section: 14 Township: 24-S Range: 36-E, NMPM, Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Sun Refining & Marketing Company	P. O. Box 3187, Longview, Texas 75606
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 1492, El Paso, Texas 79978
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	Yes 6-20-85

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

*Marian S. Perez*  
(Signature)  
Sr. Accounting Assistant  
(Title)  
9-10-85  
(Date)

OIL CONSERVATION DIVISION

APPROVED *Eddie W. Seay*, 19  
BY Oil & Gas Inspector  
TITLE SEP 12 1985

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiple completed wells.

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## OIL CONSERVATION DIVISION

P. O. BOX 2088

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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
NMJ-533	

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		Sun Exploration & Production Co.		Cooper "B"	
3. Address of Operator		P. O. Box 1861, Midland, Tx 79702		9. Well No.	
4. Location of Well		UNIT LETTER C LOCATED 2310 FEET FROM THE west LINE AND 990 FEET FROM THE north LINE OF SEC. 14 TWP. 24-S RGE. 36-E NMPM		10. Field and Pool, or Wildcat	
15. Date Spudded		12-21-84		Jalmat Transil Yates	
16. Date T.D. Reached		12-30-84		Seven Rivers	
17. Date Compl. (Ready to Prod.)		1-25-85		12. County	
18. Elevations (DF, RKB, RT, GR, etc.)		3344.7' GR		Lea	
19. Elev. Casinghead					
20. Total Depth		3630		23. Intervals Drilled By	
21. Plug Back T.D.				Rotary Tools X Cable Tools	
22. Multiple Compl., How Many				25. Was Directional Survey Made	
24. Producing Interval(s), of this completion - Top, Bottom, Name		3290-3316		Yes	
26. Type Electric and Other Logs Run		GR		27. Was Well Cored	
28. CASING RECORD (Report all strings set in well)				No	
29. LINER RECORD					
30. TUBING RECORD					
31. Perforation Record (Interval, size and number)		See Attachment		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL	
				AMOUNT AND KIND MATERIAL USED	
				See Attachment	
33. PRODUCTION					
Date First Production		1-24-85		Production Method (Flowing, gas lift, pumping - Size and type pump)	
Date of Test		2-14-85		24 hrs.	
Hours Tested		24 hrs.		Well Status (Prod. or Shut-in)	
Flow Tubing Press.		Casing Pressure		Prod.	
Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF	
Oil - Bbl.		286		Water - Bbl.	
Gas - MCF		271		Gas - Oil Ratio	
Water - Bbl.		127		948/1	
Oil Gravity - API (Corr.)					
34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Flared		Test Witnessed By	
35. List of Attachments		C-104		Don Lawson	
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		Deo Ann Kemp		Associate Acct.	
TITLE				DATE	
				2-15-85	

# 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 <u>1250'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3026'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3241'</u>	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 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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. Tansill <u>2869'</u>	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 3290' to 3316' (selectively)

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, 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
0	1250	1250	Assorted shales & redbeds				
1250	2869	1619	Anhydrite, salt & thin shales				
2869	3026	157	Sandstone, shale & thin dolomite				
3026	3241	215	Sandstone, dolomite & sandy dolomite				
3241	3629	388	Sandstone, dolomite, sandy dolomite & thin interbedded shale				

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