

DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-11  
Effective 1-1-65

I.

Operator Sun Oil Company	
Address P. O. Box 1861, Midland, Texas 79702	
Reason(s) for filing (Check proper box)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	

If change of ownership give name and address of previous owner Re-entry of former Amoco Plains Unit #1

II. DESCRIPTION OF WELL AND LEASE

THIS WELL HAS BEEN PLACED IN THE POOL  
AND IT IS NOT TO BE CONSIDERED AS A SEPARATE UNIT

Lease Name Tonto Federal	Well No. I	Pool Name, Including Formation East Lusk-Bone Spring Oil	Kind of Lease State, Federal or Fee Federal	Lease No. NM 14931
Location Unit Letter D ; 660 Feet From The North Line and 660 Feet From The West				
Line of Section 27 Township 19S Range 32E , 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"/> The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1183, Houston, TX 77001			
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) Frank Phillips Bldg., Bartlesville, OK 74004			
If well produces oil or liquids, give location of tanks.	Unit D	Sec. 27	Twp. 19S	Rge. 32E
Is gas actually connected?		When		
Yes		2-21-77		

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 12-1-76	Date Compl. Ready to Prod. 1-25-77		Total Depth 10,780'		P.B.T.D. 10,736'			
Elevations (DF, RKB, RT, GR, etc.) RKB 3606' GR 3588'	Name of Producing Formation Bone Spring Oil		Top Oil/Gas Pay 7374'		Tubing Depth 4033'			
Perforations 10102 - 10106 (9 holes - 2 JSPF)					Depth Casing Shoe 10,780'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17 1/2"	13 3/8"		512'		450 SXS.			
12 1/4"	9 5/8"		4532'		3345 SXS.			
8 3/4"	5 1/2"		10780'		630 SXS.			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 1-28-77	Date of Test 2-17-77	Producing Method (Flow, pump, gas lift, etc.) Pump w/2 1/4" insert.	
Length of Test 24 hours	Tubing Pressure --	Casing Pressure --	Choke Size Open
Actual Prod. During Test 22 BO - 508 BW	Oil-Bbls. 22.0	Water-Bbls. 508	Gas-MCF 93.6

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

Joanne C. Owens  
(Signature)

Proration Analyst

(Title)

2-22-77

(Date)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19\_\_\_\_

BY George A. Hester

TITLE SUPERVISOR DISTRICT I

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 Form C-104 must be filed for each pool in multiple

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FEB 21 1977

U.S. DEPARTMENT OF COMMERCE  
WASHINGTON, D.C.

FIELD NAME East Lusk-Bone Spring Oil COUNTY Lea STATE New Mexico  
OPERATOR Sun Oil Company ADDRESS: P. O. Box 1861, Midland, Texas  
LEASE NAME & NO. Tonto Federal No. 1 SURVEY \_\_\_\_\_

RECORD OF INCLINATION

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>	<u>Displacement (feet)</u>	<u>Displacement (feet)</u>
7346	4 1/4	4.22	4.22
7440	4	6.56	10.78
7534	4	6.56	17.34
7628	3 3/4	6.15	23.49
7713	3 1/4	4.82	28.31
7839	2 1/2	5.49	33.80
7965	2 3/4	6.50	39.85
8060	2 1/4	3.73	43.58
8176	1 1/4	2.53	46.11
8264	1 3/4	2.68	48.79
8774	1 1/4	11.12	59.91
9040	3/4	3.48	63.39
9574	1	9.34	72.73
10138	1 3/4	17.20	89.93
10770	3 1/4	35.83	125.76
		125.76	

TOTAL DISPLACEMENT 125.76

Survey was run in open hole distance to the nearest lease line \_\_\_\_\_ ft.

Certification of personal knowledge of the data and facts placed on this form and that such information given above is true and complete.

Delton Marcum  
Signature

MARCUM DRILLING COMPANY  
Company

THE STATE OF TEXAS  
COUNTY OF MIDLAND

BEFORE me, the undersigned, a Notary Public in and for said County and State on this day personally appeared Delton Marcum, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposed and consideration therein expressed.



Sandra DeBorja  
Notary Public in and for  
Midland County, Texas

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FEB 21 1977

U.S. DEPARTMENT OF COMMERCE  
WASHINGTON, D. C.