NO. OF COPIES RECEIVED			
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, TX 79701

Reason(s) for filing *(Check proper box)*
New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☐ Casinghead Gas ☐ Condensate ☐
Change in Ownership ☐

Other *(Please explain)*
Re-entry of former Amoco Plains Unit #1
Request 500 bbl test allowable.

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Tonto Federal	1	Wildcat Bone Spring	State, Federal or Fee Federal	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

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address *(Give address to which approved copy of this form is to be sent)*
Permian Corporation	Box 838 Hobbs, New Mexico 88240
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address *(Give address to which approved copy of this form is to be sent)*

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	D	27	19S	32E	No	

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

V. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	Drill stem test		of Bone	Spring	Well is a re-entry			

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
12-1-76		10138	10138
Elevations *(DF, RKB, RT, GR, etc.)*	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3607 RDB	Bone Spring	10008	
Perforations			**Depth Casing Shoe**
Drill stem test 10008 - 10138			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(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)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
12-24-76	12-24-76	Drill stem test 10008 - 10038	
Length of Test	**Tubing Pressure**	**Casing Pressure**	**Choke Size**
6½ Hrs	1½ - 20 psi	-	1/4
Actual Prod. During Test	**Oil-Bbls.**	**Water-Bbls.**	**Gas-MCF**
	24	60	Flared

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**

I. 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.

Charles R. Price
(Signature) Charles R. Price
Production Engineer
(Title)
December 29, 1976
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____
BY _____
TITLE _____

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.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: NM 14931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER NOTE: RE-ENTRY

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Sun Oil Company

8. FARM OR LEASE NAME: Tonto Federal

3. ADDRESS OF OPERATOR: P. O. Box 1861, Midland, Texas 79701

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 660' FWL, Sec. 27 - Unit "D"

10. FIELD AND POOL, OR WILDCAT: Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27, T-19-S, R-32-E

14. PERMIT NO.: Blanket

15. ELEVATIONS (Show whether DF, RT, GR, etc.): RDB 3607'

12. COUNTY OR PARISH: Lea

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Spud & casing cementing			[X]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

12-1-76 MIRU Marcum Drlg. Co. Install BOP & began drlg surf cmt plug.

12-2-76 Drld 12' cmt plug @ surface & cement plug @ 2860/2903 & began drlg cmt @ 4415. No circulation.

12-3-76 Located csg. leaks 1099-1192 & 2777-2870. Sqzd csg leak @ 2777-2870 w/200 sxs Thick set w/2% CaCl, 1/4# Flocele followed by 500 sx Cl. "C" w/3% CaCl & 10# sd/sx. Ret. set @ 2618.

12-4-76 HOWCO sqzd csg leak 1099-1192 w/300 sxs Cl "C" w/3% CaCl. Drld cmt from 982-1192 & tstd sqz to 900 psi OK. Drld cmt 2571-2618 & retainer. Drlg cmt from 2621-2860. Tst sqz to 500 psi. OK. Drld cmt plug 4430-4580 & cmt plug 7035-7142.

12-5-76 Wshd 7361-7423. Circ hole clean. Sptd 150 sxs Cl "H" cmt w/1% CFR-2 & 10#/sx sd. 7023-7421. Plug set for side tracking.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles Gray TITLE Proration Analyst DATE 12-8-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
DEC 10 1976
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1972-782-241/207 REGION NO. 8