

NSL-5250

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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-9713

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- Salt Water Disposal

7. Unit Agreement Name

2. Name of Operator
Texas Oil & Gas Corp.

8. Farm or Lease Name
N. M. "K" St.

3. Address of Operator
900 Wilco Building, Midland, Texas 79701

9. Well No.
1

4. Location of Well
UNIT LETTER 0 1980 FEET FROM THE East LINE AND 660 FEET FROM

10. Field and Pool, or Wildcat
Mescalero (San Andres)

THE South LINE, SECTION 11 TOWNSHIP 10S RANGE 32E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
4274' DF

12. 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 ABANDONMEN <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input 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.

- 8-16-76 Set CIBP @ 3990' Capped w/35' cmt
- 8-17-76 Cut 5-1/2" csg @ 3212' Rec 78 jts.
- 8-18-76 Circ hole w/9.5 PG Mud
- 8-19-76 WIH w/tbg to 3663' Spotted 30 sx plg @ 3662
45 sx @ 1785, 10 sx @ top WELL P & A

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

SIGNED J.R. Colter TITLE Staff Engineer DATE August 20, 1976

APPROVED BY Apple F. Turna Cliff TITLE OIL & GAS INSPECTOR DATE DEC 10 1991

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NEW MEXICO OIL CONSERVATION COMMISSION

JUL 9 1976

O. C. C.
ARTESIA, OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-9713

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Salt Water Disposal	7. Unit Agreement Name
2. Name of Operator Texas Oil & Gas Corp.	8. Farm or Lease Name N. M. "K" St.
3. Address of Operator 900 Wilco Building, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>0</u> , <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>11</u> TOWNSHIP <u>10S</u> RANGE <u>32E</u> NMPM.	10. Field and Pool, or Wildcat Mescalero (San Andres)
15. Elevation (Show whether DF, RT, CR, etc.) 4274' DF	12. County

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

- MIRUPU. Pull tubing and packer.
- Run CIBP on wireline and set at approximately 3990'. Cap BP with 35' cement plug.
- Freepoint 5½" casing. Shoot off casing at freepoint and pull.
- Run tubing to 50' inside casing stub and displace hole with 9.5#/gal. brine mud containing 25#/bbls. bentonite. Spot 100' cement plug in and above casing stub.
- If casing shot point is below 3538', pull tubing to 3538' and spot 100' cement plug across 9-5/8" casing shoe.
- Pull tubing to 1785' and spot 100' cement plug across salt section.
- Spot 10 sx. cement plug at surface and weld steel cap on casing.
- Weld 4' diameter, 4' (above ground) dry hole marker on steel cap and label with Texas Oil & Gas Corp., N.M. "K" St. #1, Loc. 0-11-10-32.
- Move surplus equipment and clean location.

THE COMMISSION MUST BE NOTIFIED
24 HOURS PRIOR TO ~~SETTING~~ *setting*
~~SETTING~~ *bottom plug.*

Expires 11/1/77

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

SIGNED <u><i>Thomas E. Runyan</i></u> <small>Orig. Signed By John Runyan Geologist</small>	TITLE <u>Production Engineer</u>	DATE <u>July 8, 1976</u>
APPROVED BY _____	TITLE _____	DATE _____

JUL 12 1976

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-9713	
7. Unit Agreement Name	
8. Farm or Lease Name New Mexico "K" St.	
9. Well No. 1	
10. Field and Pool, or Wildcat Mescalero San Andres	
12. County Lea	

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Salt Water Disposal Well
2. Name of Operator Texas Oil & Gas Corp.
3. Address of Operator P. O. Box 591, Midland, Texas 79701
4. Location of Well UNIT LETTER <u>0</u> <u>1980</u> FEET FROM THE <u>east</u> LINE AND <u>660</u> FEET FROM THE <u>south</u> LINE, SECTION <u>11</u> TOWNSHIP <u>10-S</u> RANGE <u>32-E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4274' DF

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 checked="" 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 <input 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.

- Closed in salt water disposal well
- Texas Oil & Gas Corp. assumed operation from The Wil-Mc Oil Corp. on August 1, 1974
- Well was closed in before Texas Oil & Gas Corp. took over operation
- Plan to leave well closed in for possible future use as a disposal well

Expires 1/1/76

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

SIGNED J. R. Colter TITLE Staff Engineer DATE 1-30-75

APPROVED BY Joe D. [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: Dist. I, [Signature]

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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-110
 Effective 1-1-65

I. Operator
Texas Oil & Gas Corp.
 Address:
P. O. Box 591, Midland, Texas 79701
 Reason(s) for filing (Check proper box) Other (Please explain)
 New Well Name of Transporter of:
 Recompletion Oil Gas Dry Gas
 Change in Ownership Other (Please explain)

If change of ownership give name and address of previous owner The Wil-Mc Oil Corp., P. O. Box 1411, Dallas, Texas 75221

II. DESCRIPTION OF WELL AND LEASE

Lease Name New Mexico "K" State	Well No. 1	Pool Name, including Formation Mescalero (San Andres)	Kind of Lease State, Federal or Fee State
Location Unit Letter 0 ; 1980 feet from the east line and 660 feet from the south Line of Section 11 , Township 10-S Range 32-E , N.M.P.M., Lea County			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> None	Address (Give address to which approved copy of this form is to be sent)		
Name of Authorized Transporter of Crude Oil <input type="checkbox"/> or Dry Gas <input type="checkbox"/> None	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	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Cased, Ready to Prod.		Total Depth		P.H.T.D.			
Pool	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

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


 (Signature)

Staff Engineer

(Title)

1-30-75

(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____

BY Joe D. Egan

TITLE Dist. I. Sec.

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 Sections I, II, III, and VI only 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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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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.)

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-9713
7. Unit Agreement Name
8. Farm or Lease Name New Mexico State "K"
9. Well No. 1
10. Field and Pool, or Wildcat Mescalero San Andres
12. County Lea

1. OIL WELL GAS WELL OTHER- **Salt Water Disposal Well**

2. Name of Operator
THE WIL-MC OIL CORP.

3. Address of Operator
1108 Fidelity Union Life Bldg., Dallas, Tex. 75201

4. Location of Well
UNIT LETTER **0** **1980** FEET FROM THE **East** LINE AND **660** FEET FROM THE **South** LINE, SECTION **11** TOWNSHIP **10S** RANGE **32E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
4274 DF

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

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOBS <input type="checkbox"/></p> <p>OTHER Convert to Salt Water Disposal Well. <input checked="" type="checkbox"/></p>	<p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>
---	---	---	--

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.

- 1) Pulled tubing with packer.
- 2) Redressed packer and reran tubing with packer and holdown set @ 4020'.
- 3) Ran injectivity test. Max. injection press. 1000 psi @ 4 BPM.
- 4) Hooked up storage tank & Bethlehem TP-3 Triplex with associated controls.
- 5) Began injecting produced water from Wil-Mc New Mex. State, Wil-Mc White State #2A and Redfern Sunray State Lses.

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

SIGNED *Paul B. Mc Culley* TITLE President DATE 2/12/71

APPROVED BY *[Signature]* TITLE SUPERVISOR DISTRICT DATE FEB 15 1971

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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

MAR 17 4 55 AM '65

Name of Company: **THE WIL-Mc OIL CORPORATION** Address: **1108 Fidelity Union Life Bldg., Dallas, Texas**

Lease: **"K" NEW MEXICO STATE #2** Well No. **1** Unit Letter **0** Section **11** Township **10 South** Range **32 East**

Date Work Performed: **12/1/64 to 1/20/64** Pool: **North Mescalero (San Andrea)** County: **Lea**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain):

Plugging Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

1. Pull rods & tubing.
2. Perforate with 1 shot/ ft. 4138, 4158, 4162 & 4179.
3. Rerun tubes with packers set @ 3550'
4. acidize with 250 gallons gelled acid.
5. re-acidize using 2500 gallons of non- emulsion low surface tension acid.
- 6 Swab acid water & load.
7. Rerun rods with pump.
8. Place well on pump & test.

Witnessed by: **Yancy B. Mc Cully** Position: **Exec. Vice-Pres.** Company: **THE WIL-Mc OIL CORPORATION**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
4269	10,775	4200	4042-4179	1-20-64
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
2 3/8"	3950	5 1/2	10,270	
Perforated Interval(s)	4042-45, 4060-62, 4067-69, 4080-82, 4092-94, 4101-03, 4116-20, 4138-4159, 4166, 4179			
Open Hole Interval	Producing Formation(s) San Andrea			

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	12-15-64	3	TSTM	22	TSTM	
After Workover	1-20-65	9	TSTM	26	TSTM	

OIL CONSERVATION COMMISSION

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

Approved by: **Yancy B. Mc Cully** Name: **Yancy B. Mc Cully**

Title: **Executive Vice-President** Position: **Executive Vice-President**

Date: _____ Company: **Union ~~Trust~~ - Dallas**
THE WIL-Mc OIL CORPORATION 1108 Fidelity

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator THE WIL-Mc OIL CORPORATION			Lease New Mexico, State	Well No. #1
Unit Letter 0	Section 11	Township 10 South	Range 32 East	County Lea
Pool Mescalero-San Andres			Kind of Lease State, Fed, Fee)	

If well produces oil or condensate give location of tanks	Unit Letter 0	Section 11	Township 10 South	Range 32 East
--	-------------------------	----------------------	-----------------------------	-------------------------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> McWood Corporation	Address (give address to which approved copy of this form is to be sent) Abilene, Texas
---	---

Is Gas Actually Connected? Yes _____ No X

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
--	----------------	--

If gas is not being sold, give reasons and also explain its present disposition:
No casinghead gas line near. Gas presently being flared.

REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas . <input type="checkbox"/> Condensate.. <input type="checkbox"/>	

Remarks
Effective November 1, 1964, The Wil-Mc Oil Corporation purchased the above well, located in unit "0", Section 11, 10 South, 32 East, Lea County, New Mexico from Sunray DX Oil Company.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.
Executed this the 16th day of November, 1964.

OIL CONSERVATION COMMISSION	By <i>Clay Moore</i> CLAY MOORE
Approved by 	Title SECRETARY
Title	Company THE WIL-Mc OIL CORPORATION
Date	Address 1108 Fidelity Union Life Building, Dallas 1, Texas 75201

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
(Rev. 7-60)
SEP 2 11 05 AM '64
HOBBS, N.M.

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Sunray DX Oil Company	Lease N.M. State "K"	Well No. 1
---	--------------------------------	----------------------

Unit Letter 0	Section 11	Township 10S	Range 32E	County Lea
-------------------------	----------------------	------------------------	---------------------	----------------------

Pool Mescalero - San Andres	Kind of Lease (State, Fed, Fee) State
---------------------------------------	---

If well produces oil or condensate give location of tanks	Unit Letter 0	Section 11	Township 10S	Range 32E
--	-------------------------	----------------------	------------------------	---------------------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> McWood Corp.	Address (give address to which approved copy of this form is to be sent) 364 Petroleum Bldg. Arlene, Texas
---	--

Is Gas Actually Connected? Yes _____ No

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
--	----------------	--

If gas is not being sold, give reasons and also explain its present disposition:

Vented

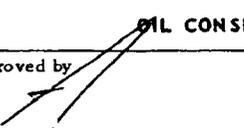
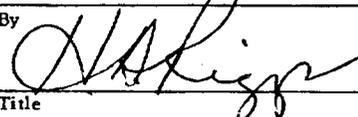
REASON(S) FOR FILING (please check proper box)

- | | |
|--|---|
| New Well <input type="checkbox"/> | Change in Ownership <input type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) Change in Pool Designation |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | |
| Casing head gas . <input type="checkbox"/> Condensate.. <input type="checkbox"/> | |

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 1st day of September, 1964.

Approved by  Title Date <u>SEP 1 1964</u>	By  H.A. Riggs Title Production Engineer Company Sunray DX Oil Company Address Hobbs, New Mexico P.O. Box 128
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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - ~~(GAS)~~ ALLOWABLE

DISTRICT OFFICE O.C.C.
New Mexico
JUN 5 10 14 AM '64
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico
(Place)

6-4-64
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sunray DX Oil Company N.M. State "K", Well No. 1, in SW $\frac{1}{4}$ SE $\frac{1}{4}$,
(Company or Operator) (Lease)

Q Sec. 11, T. 10S, R. 32E, NMPM, Mescalero San Andres Pool
Unit Letter

Lea County

Date Spudded _____ Date Drilling Completed _____

Please indicate location:

Elevation DF 4269 Total Depth 10,775 PBD 4200

Top Oil/Gas Pay 4042 Name of Prod. Form. San Andres

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P
		X	

PRODUCING INTERVAL - 4042-45, 4060-62, 4067-69, 4080-82, 4092-94,

Perforations 4101-03, 4116-20 w/2 bullets /ft.

Open Hole _____ Depth _____ Casing Shoe 10,270 Depth _____ Tubing 3975

10 OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____ Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): 9 bbls. oil, 22 bbls water in 24 hrs, _____ min. Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: _____ MCF/Day; Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): Acidize w/2500 gal BDA & 1000 gal XM38 Frac w/20,000 gal

Casing Press. _____ Tubing Press. _____ Date first new ref oil & 20,000# sand. oil run to tanks 5-31-64

Oil Transporter McWood Corp.

Gas Transporter _____

Remarks: _____

GOR 1771/1 Oil Gravity - 19 deg API

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

Approved _____, 19 _____

Sunray DX Oil Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: H. A. Riggs H.A. Riggs
(Signature) by JRA

By: _____

Title: Production Engineer

Title _____

Send Communications regarding well to:

Name: C.T. McClanahan
Box 128, Hobbs, New Mexico

Address _____

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS	FORM C-110 (Rev. 7-60)
FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE	

Company or Operator Sunray DX Oil Company			Lease N.M. State "K"	Well No. 1
Unit Letter 0	Section 11	Township 10	Range 32E	County Lea
Pool Mescalero San Andres			Kind of Lease (State, Fed, Fee) State	

If well produces oil or condensate give location of tanks	Unit Letter 0	Section 11	Township 10	Range 32E
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)			
McWood Corp.	364 Petroleum Bldg. Abilene, Texas			

Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)		

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)	
New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	Plugged back from Wolfcamp and recompleted in San Andres.
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 4th day of June, 19 64

OIL CONSERVATION COMMISSION		By
Approved by		H.A. Riggs
		H.A. Riggs
		Production Engineer
Title		Company
		Sunray DX Oil Company
Date		Address
		P.O. Box 128, Hobbs, New Mexico

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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE O. C. C.
JUN 5 11 10 AM '64

(Submit to appropriate District Office as per Commission Rules)

Name of Company: **Sunray DX Oil Company** Address: **Box 128, Hobbs, New Mexico**

Lease: **N.M. State "K"** Well No.: **1** Unit Letter: **0** Section: **11** Township: **10S** Range: **32E**

Date Work Performed: **3-22-64** Pool: **Mescalero San Andres** County: **Lea**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain): **Plug-back Wolfcamp & recomplete in San Andres**

Plugging Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

- Spot 35 sx cmt plug 8740-8430 (Wolfcamp), test plug to 2000# OK.
- Perf 4397-98 & cmt w/275 sx. Drill cmt 3290-4200. Perf 4137-38 & Block Squeeze w/100 sx cmt. Perf 4039-40 for Upper Block Squeeze & squeeze w/100 sx cmt. Drill cmt & test to 2000#, OK.
- Perf 4042045, 4060-62, 4067-69, 4080-82, 4092-94, 4101-03, 4116-20 w/2 bullets /ft. Acidize w/2,500 gal BDA. Frac w/20,000 gal ref oil & 20,000# sand using 1,000 gal KM38 ahead. of frac.
- Run pump & rods & put well on production. Potential for allowable.

Witnessed by: **Taney Burger** Position: **Drlg. Foreman** Company: **Sunray DX Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

OF Elev. **4269** TD **10,775** PBTD **4,200** Producing Interval **4042 - 4120** Completion Date **8-12-63**

Tubing Diameter **2 3/8** Tubing Depth Oil String Diameter **5 1/2** Oil String Depth **10,270'**

Perforated Interval(s) **4042-45, 4060-62, 4067-69, 4080-82, 4092-94, 4101-03, 4116-20**

Open Hole Interval **-** Producing Formation(s) **San Andres**

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	0	0	0	0	0	0
After Workover	6-3-64	9	16	22	1777	-

OIL CONSERVATION COMMISSION

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

Approved by: **H.A. Riggs** Name: **H.A. Riggs**
Title: **Production Engineer** Position: **by JAT**
Date: **6-3-64** Company: **Sunray DX Oil Company**

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

HOBBS OFFICE O. C. C.
Date 6-4-64
JUN 5 10 14 AM '64

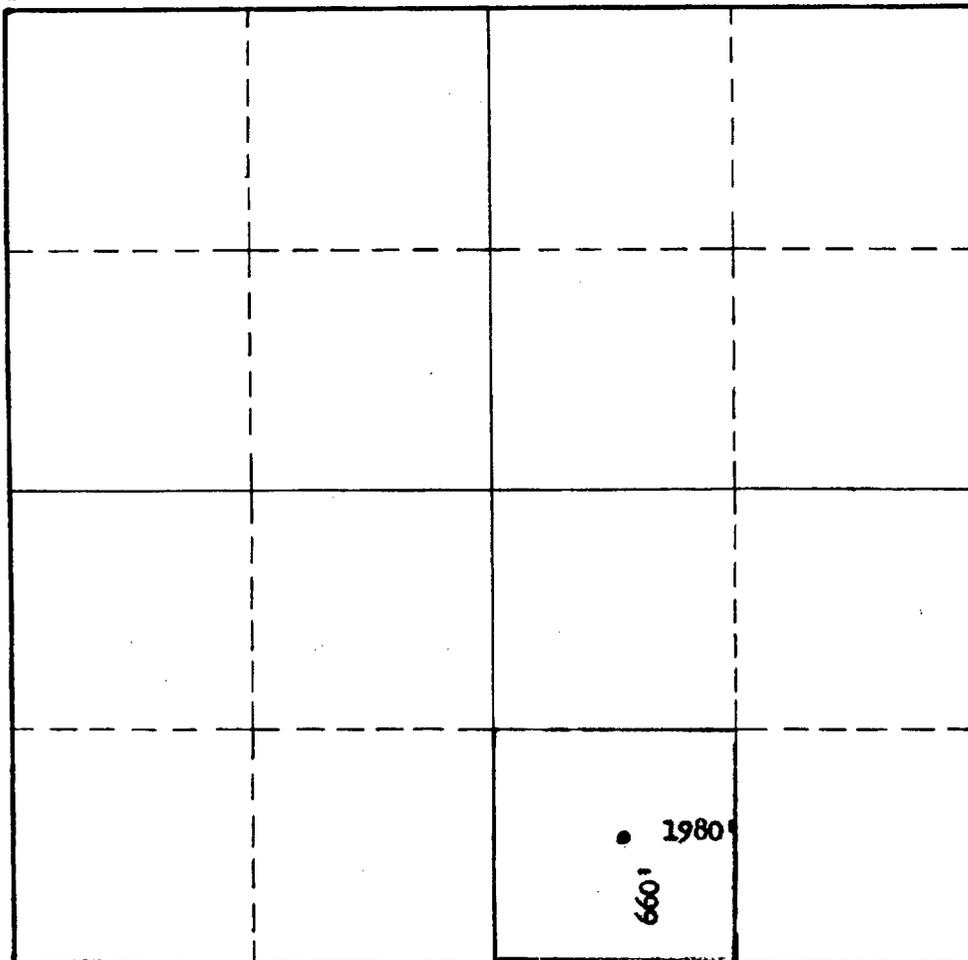
Section A.

Operator Sunray Oil Company Lease N.M. State "K"
Well No. 1 Unit Letter 0 Section 11 Township 108 Range 32E NMPM
Located 660 Feet From South Line, 1980 Feet From East Line
County Lea G. L. Elevation _____ Dedicated Acreage _____ Acres
Name of Producing Formation San Andres Pool Mescalero San Andres

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____.
3. If the answer to question two is "no," list all the owners and their respective interests below:

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Sunray Oil Company
(Operator)
H.A. Riggs H.A. Riggs
(Representative) *by JWA*
P.O. Box 128 Hobbs, New Mex.
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.
Date Surveyed 2-29-56

John W. West
Registered Professional Engineer and/or Land Surveyor.

Certificate No. 676
(See instructions for completing this form on the reverse side)

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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE C. C. C.

MISCELLANEOUS NOTICES MAR 17 3 15 PM '64

submit to the Bureau on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK	X	NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

March 16, 1964
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Sunray DX Oil Company N.M. State "K" Well No. **1** in **0** (Unit)
 (Company or Operator)

SW $\frac{1}{4}$ **SE** $\frac{1}{4}$ of Sec. **11**, T. **10S**, R. **32E**, NMPM., **North Mescalero San Andres** Pool
 (40-acre Subdivision)

Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Propose to recomplete in the San Andres as follows:

1. Spot cement plug 8748 to 8430'
2. Block Squeeze 4137-38 w/175 sx cement and 4039-40 w/50 sx cement.
3. Drill cement to 4060 and test squeeze job to 2000#, Drill to 4160 and test squeeze job to 2000#.
4. Perf 4116-4045, Acidize w/2500 gal BDA, If necessary frac w/20,000 gal ref oil & 20,000# sand.
5. If well will not flow, run pump and rods and put well on production.

Approved....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By.....
Title.....

Sunray DX Oil Company
Company or Operator

By *V.R. Mayabb* **V.R. Mayabb**

Position **DISTRICT ENGINEER**
Send Communications regarding well to:

Name **C. T. McClanahan**

Address **Box 128, Hobbs, New Mexico**

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

HOBBBS OFFICE O. C. C.

(Submit to appropriate District Office as per Commission File # 17065 111 '64)

Name of Company Sunray DX Oil Company				Address Box 128, Hobbs, New Mexico			
Lease N.M. State "K"	Well No. 1	Unit Letter 0	Section 11	Township 10	Range 12		
Date Work Performed	Pool Mescalero Wolfcamp North			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work
Semi-Annual TA Report

Detailed account of work done, nature and quantity of materials used, and results obtained.

TA pending recompletion possibilities in San Andres zone.

Witnessed by	Position	Company
--------------	----------	---------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name H.A. Riggs	Position Engineer	
Title	Company Sunray DX Oil Company		
Date			

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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS HOBBBS OFFICE O. C. C.

(Submit to appropriate District Office as per Commission Order #12710AM '63)

DEC 6 10 27 AM '63

Name of Company Sunray DX Oil Company		Address Box 128			
Lease New Mex. State "K"	Well No. 1	Unit Letter 0	Section 11	Township 10S	Range 32E
Date Work Performed 11-5-63	Pool North Mescalero Wolfcamp		County Lea		

THIS IS A REPORT OF: *(Check appropriate block)*

- | | | |
|--|---|--|
| <input type="checkbox"/> Beginning Drilling Operations | <input type="checkbox"/> Casing Test and Cement Job | <input type="checkbox"/> Other (Explain): TA Report |
| <input type="checkbox"/> Plugging | <input type="checkbox"/> Remedial Work | |

Detailed account of work done, nature and quantity of materials used, and results obtained.

**Pulled rods and pump. Moved off pumping unit.
Above well is temporary abandoned effective 11-5-63.
Will be TA pending study to re-complete in shallower pay.**

Witnessed by O. T. Owen	Position Field Foreman	Company Sunray DX Oil Company
-----------------------------------	----------------------------------	---

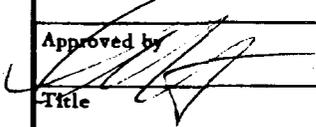
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	10-18-63	1.5	-	15	-	-
After Workover	TA					

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name V. R. Mayabb		
Title	Position District Engineer		
Date	Company Sunray DX Oil Company		

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

FORM C-110
(Rev. 7-60)

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

HOBBBS OFFICE O. C. C.

FILE THE ORIGINAL AND 4 COPIES WITH THE HOBBBS OFFICE O. C. C. **NOV 18 10 25 AM '63**

Company or Operator Sunray DX Oil Company				Lease N. M. State "K"		Well No. 1
Unit Letter 0	Section 11	Township 10	Range 32E	County Lea		
Pool NORTH MESCALERO WOLFCAMP				Kind of Lease (State, Fed, Fee) State		
If well produces oil or condensate give location of tanks		Unit Letter 0	Section 11	Township 10	Range 32E	

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> McWood Corp	Address (give address to which approved copy of this form is to be sent) 364 Petroleum Bldg. Abilene, Tex.
--	--

Is Gas Actually Connected? Yes No

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> El Paso Natural Gas Company	Date Connected Already Connected	Address (give address to which approved copy of this form is to be sent) Box 1384 Jal, New Mexico
---	--	---

If gas is not being sold, give reasons and also explain its present disposition:

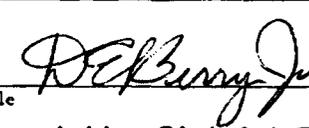
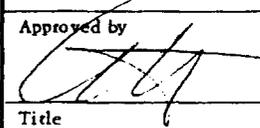
REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below) Change in Pool Designation.
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 18th day of November, 19 63.

OIL CONSERVATION COMMISSION		By  D. E. Berry, Jr.
Approved by 		Title Acting District Engineer
Title		Company SUNRAY DX OIL COMPANY
Date		Address Box 128, Hobbs, New Mexico

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NEW MEXICO OIL CONSERVATION COMMISSION (Form C-104)
 Santa Fe, New Mexico Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
 Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico 8-13-63
 (Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sunray DX H.M. State "K" Well No. 1 in SW 1/4 SE 1/4
 (Company or Operator) (Lease)
 O Sec. 11 T. 108 R. 32E NMPM, (Mescalero Wolfcamp North) Pool
 (Town Letter)

Lea County. Date Spudded _____ Date Drilling Completed _____
 Elevation 4269 DF Total Depth 10,775 PBTD 8846

Please indicate location:

D	G	B	A
E	F	G	H
L	K	J	I
M	N	O	P
		X	

Top Oil/Gas Pay 8622 Name of Prod. Form. Wolfcamp

PRODUCING INTERVAL - 8685-87, 8696-98, 8727-24, 8736-38, 8759-61, 8777-79.

Perforations 8804-06, 8816-18, 8820-30, 8610-22, 8516-30.

Open Hole _____ Depth _____ Casing Shoe 10,270 Tubing 8621

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 3 bbls. oil, 55 bbls water in 24 hrs, _____ min. Choke Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: _____ MCF/Day; Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 3500 GAL HCl in 4 stages using 96-702.

Casing Press. _____ Tubing Press. _____ Date first new oil run to tanks 8/1/63

Oil Transporter McWood Corp.

Gas Transporter El Paso Natural Gas Company

Remarks:

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

Approved _____, 19 _____ Sunray DX Oil Company
 (Company or Operator)

By: V. R. Mayabb
 (Signature) V. R. Mayabb

OIL CONSERVATION COMMISSION

Title District Engineer

Send Communications regarding well to:

Name C. T. McClanahan

Hobbs, New Mexico

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Sunray Oil Company				Lease No. 1503/UG 15 011 3 45		Well No. 1	
Unit Letter 0	Section 11	Township 10S	Range 32E	County Lea			
Pool Mescalero Wolfcamp, North				Kind of Lease (State, Fed, Fee) State			
If well produces oil or condensate give location of tanks		Unit Letter 0	Section 11	Township 10S	Range 32E		
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> McWood Corp - no change in transporter				Address (give address to which approved copy of this form is to be sent) 306 V & J Tower Bldg. Midland, Texas			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> El Paso Natural Gas Co.		Date Connected 8-1-63	Address (give address to which approved copy of this form is to be sent) Box 1192 El Paso, Texas				

If gas is not being sold, give reasons and also explain its present disposition:

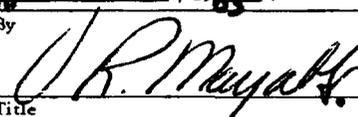
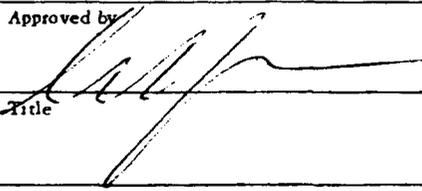
REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input type="checkbox"/>
Change in Transporter (check one)	Other (explain below) <input checked="" type="checkbox"/>
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	recomplete in Wolfcamp
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **16** day of **August**, 19**63**.

OIL CONSERVATION COMMISSION	By 
Approved by 	Title V. R. Mayabb
Title	Company District Engineer
Date	Address Sunray Oil Company

P.O. Box 128, Hobbs, New Mexico

NE. MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Date 8-16-63

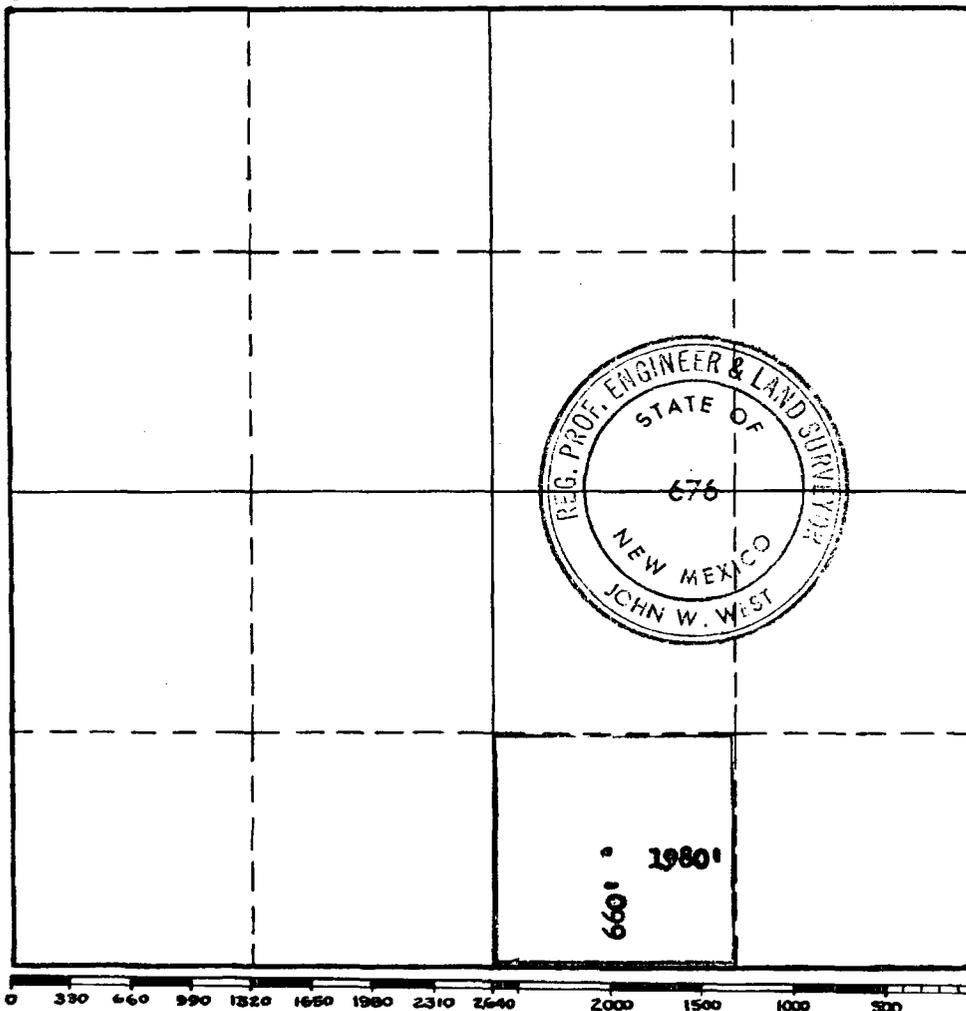
Section A.

Operator Sunray Oil Company Lease N.M. State "K" 1228/230 15 N 31 45
 Well No. 1 Unit Letter 0 Section 11 Township 10N Range 32E NMPM
 Located 660 Feet From South Line, 1980 Feet From East Line
 County Lea G. L. Elevation 4257 Dedicated Acreage 10 Acres
 Name of Producing Formation Wolfcamp Pool Nasaslers Wolfcamp, North

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
 Yes No
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Sunray Oil Company
 (Operator)
V.R. Mayatt V.R. Mayatt
 (Representative)
P.O. Box 128, Hobbs, N.M.
 Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.
 Date Surveyed 8-22-56

John W. West
 Registered Professional Engineer and/or Land Surveyor.
John W. West
 Certificate No. 676

(See instructions for completing this form on the reverse side)

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

1000 AUG 14 AM 9 53

Name of Company: **Sumray DX Oil Company** Address: **P.O. Box 128, Hobbs, New Mexico**

Lease: **N.M. State "K"** Well No.: **1** Unit Letter: **0** Section: **11** Township: **100** Range: **32E**

Date Work Performed: **6-10-63** Pool: **Hessalero Wolfcamp North** County: **Lea**

THIS IS A REPORT OF: (Check appropriate block)

Beginning Drilling Operations Casing Test and Cement Job Other (Explain): **Recomplete in Wolfcamp**

Plugging Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

1. Pull tbg, drop trip 'bob' on Model "D" packer at 10,174, dump 2 sz out on top packer.
2. Perf at 8848 and squeeze with 50 sz cnt., perf at 8696 and squeeze with 50 sz. Perf at 8300 and squeeze with 50 szent. Drill out cnt from 8300-8848 and test to 2000#, O.K.
3. Perf 8685-87, 8696-98, 8722-24, 8736-38, 8759-61, 8777-79, 8804-06, 8816-18, 8820-30.
4. Acidize with 1000 gal HDA with 36 RB's. Acidize 8685-8738 with 1500 gal KM38.
5. Perf 8640-8622, 8546-30, Acidize perfs 8622-40 with 500 gal HDA and perfs 8530-46 with 500 gal HDA.
6. Install Pumping Unit. Potintial Test 8-12-63, Pump 3 BW and 55 BW, 2 1/2 hrs,

6017

Witnessed by: **Fancy Burgen** Position: **Dale Foreman** Company: **Sumray DX Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

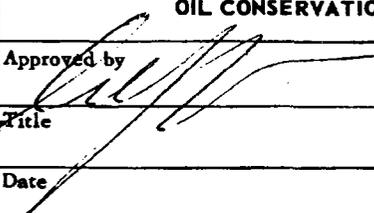
D F Elev.	T D	P B T D	Producing Interval	Completion Date
1269	10,775	8846	8635-85, 8622-40	8-12-63
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
2 3/8	8621	5 1/2	9923'	
Perforated Interval(s)	Producing Formation(s)			
8640-22, 8546-30, 8685-87, 8696-98, 8722-24, 8736-38, 8759-61, 8777-79, 8804-06, 8816-18,	Wolfcamp			8820-30
Open Hole Interval				

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover	8-12-63	3		55		

OIL CONSERVATION COMMISSION

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

Approved by:  Name: **V. R. Mayabb**

Title: **District Engineer** Position: **District Engineer**

Date: _____ Company: **Sumray DX Oil Company**

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

PR-4

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the service on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK	X	NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE	X	NOTICE OF INTENTION TO ACIDIZE	X	NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	X	NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, N. M.

June 7, 1963

(Place)

(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

Sunray Oil Company N. M. State "K"

Well No. **1** in **9** (Unit)

SW $\frac{1}{4}$ **SE** $\frac{1}{4}$ of Sec. **11**, T. **10S**, R. **32E**, NMPM., **North Mesalero** Pool

(40-acre Subdivision)

County.

Recomplete from Atoka to Wife. FULL DETAILS OF PROPOSED PLAN OF WORK

1. MI derrick unit. Kill w/wtr. Install 80". Pull tbg. Drop trip bob on Mod D. Spot 2 sx cut on top trip bob w/WL dump bailer. Run LW GR-N log 8900' - 8200' and 4500' - 3900', regular and detail scales.
2. Perf 1/2 holes @ 8848 (Sohl GR meas.) Run tbg w/PB and test cut plug on Mod D to 2000'. Pull back PB and sq cut w/50 sx Incor Fos batches as req (Howeo). Run tbg gun and perf 1/2 holes @ 8696 and sq cut as before. Ditto squeeze on 1/2 holes @ 8300. Drill out squeeze plugs and test to 2000'. Perf 2' sections, 2 holes/ft in interval 8700-8840' as selected from GR-N log. Keep number of sections perf'd to a minimum and sections as far apart as practical to allow individual testing/plugging if needed. Run tbg w/PB and acidize w/1000 gal Dowell BDA. Drop balls (equal in No. as perfs) continuously thru treatment. Swab and test as necessary for evaluation of interval. May need to run retrievable BP and/or do additional treating. For additional treating, anticipate IM38 and then acid petrefrac w/volumes dependent on previous vals and feet perf'd. If interval proves non-commercial, sq cut w/100 sx batches Incor Fos as required.
3. If previous completion interval is capable of strong flow at top allowable (108 MCFD w/36 unit

continued on reverse side...

Approved _____, 19____
Except as follows:

Sunray Oil Company
Company of Operator
By: *J.R. Mayabb* **J.R. Mayabb**
Position: **District Engineer**

Approved
OIL CONSERVATION COMMISSION

Send Communications regarding well to:

By: _____
Title: _____

Name: **G. T. McGlanahan**
Address: **SDX P. O. Box 128, Hobbs, N. M.**

continued from reverse side...

pull test packer and run back w/Baker Mod B and set approx 50' above top perf. If previous completion interval has recoverable oil but does not appear to be long life top allowable, set retr SP above top perf and cap w/20' sand. Perf two-foot sections in interval 8300-8700 w/selection, number, and spacing similar to Step No. 2. Treatment and evaluation of sections will also be similar to Step No. 2. If one interval will flow and other won't, may separate flowing interval and produce separate until more equal to other interval.

- h. Final completion equipment will depend on fluids obtained. If pumping required, run 2-3/8" tbg, 7/8 and 3/4 rods, and 1 1/2" pump for volumes of less than about 200 BPD.

OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

Sept. 1, 1959

Sunray Mid-Continent Oil Co.
P. O. Box 128
Hobbs, New Mexico

Gentlemen:

Forms C-104 and C-110 have been approved for your New Mexico State "K" No. 1 in Unit O of Section 11, T-10-C, R-32-E and a 150 acre unit is being assigned for the well in the North Mescalero Pennsylvanian Gas Pool effective August 25, 1959.

Yours very truly,

OIL CONSERVATION COMMISSION

R. F. Montgomery
Proration Manager

mc
cc-Elvis Utz, Gas Engineer
OCC, Santa Fe

El Paso Natural Gas Co.
Jal, New Mexico

C
O
P
Y



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

1959 OCT 10 AM 2:55
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sunray Mid-Continent Oil Company N.M. State "K"
(Company or Operator) (Lease)

Well No. 1, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 11, T. 10-S, R. 32-E, NMPM.
Undesignated Pool, Lea County.

Well is 660 feet from South line and 1980 feet from East line
of Section 11. If State Land the Oil and Gas Lease No. is E-9713

Drilling Commenced 3-11, 1956. Drilling was Completed 5-26, 1956

Name of Drilling Contractor McVay & Stafford Drilling Company
Address 1110 Philtower Building - Tulsa 3, Oklahoma

Elevation above sea level at Top of Tubing Head 4265. The information given is to be kept confidential until can be released, 19

OIL SANDS OR ZONES

No. 1, from 10,184 to 10,195 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.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8	36	New	339	Tex. Patt			Surface
9 5/8	32 3/8 & 36	New	3488	Baker			Intermediate
5 1/2	17 & 20	New	10,270	Baker		10,184 to 10,195	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4	13 3/8	339	365	Pmp & Plug		Cemented to Surface
12 1/2	9 5/8	3488	2800	W W W		W W W
7 7/8	5 1/2	10270	500	W W W		W W 7042

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

No stimulation used.

Result of Production Stimulation

Depth Cleaned Out

CORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 10,775 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 5-30-56, 19____

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____% was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I. Gravity 50 at 60degrees

GAS WELL: The production during the first 24 hours was 4,000 M.C.F. plus 120 barrels of liquid Hydrocarbon. Shut in Pressure 2285 lbs. Length of Time Shut in 72 hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <u>1550</u>	T. Devonian <u>10,758</u>	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt <u>2160</u>	T. Montoya	T. Farmington	
T. Yates	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen <u>2840</u>	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres <u>3370</u>	T. Granite	T. Dakota	
T. Glorieta <u>4780</u>	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs <u>6210</u>	T.	T.	
T. Abo <u>7060</u>	T.	T.	
T. Aboc <u>8180</u>	T.	T.	
T. Penn. <u>10,264</u>	T.	T.	
T. Miss. <u>10,264</u>	T.	T.	
Woodford 10,664			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	348	348	Surf. Sand, Shale & Caliche				
348	1400	1052	Red Beds				
1400	1620	220	Anhydrite				
1620	3150	1530	Anhydrite & Salt				
3150	3460	310	Anhydrite				
3460	7060	3600	Lime				
7060	7550	490	Shale				
7550	7940	390	Lime & Shale				
7940	10060	2120	Lime				
10060	10180	120	Lime & Shale				
10180	10260	180	Lime & Sand				
10260	10310	50	Lime & Chert				
10310	10602	292	Lime				
10602	10690	88	Lime & Shale				
10690	10758	68	Lime & Sand				
10758	10775	17	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

October 18, 1956

Company or Operator Sunray Mid-Continent Oil Co Address Box 128 - Hobbs, New Mexico (Date)
 Name [Signature] Position or Title Hobbs Area Superintendent

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to a well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in which a well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico August 20, 1959
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sunray Mid-Continent Oil Co., N.M. State "X", Well No. 1, in SW 1/4 SE 1/4,
(Company or Operator) (Lease)

O, Sec. 11, T. 10N, R. 21E, NMPM., North Mesalero-Pennsylvanian Pool
Unit Letter

Lee County, Date Spudded 3-11-56 Date Drilling Completed 5-26-56

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P
		X	

Elevation 4274' Total Depth 10,775' PBD 10,180'

Top Oil/Gas Pay 10,184' Name of Prod. Form. Atocha Sand

PRODUCING INTERVAL -

Perforations 10,184 - 10,195

Open Hole Depth Casing Shoe 10,270' Depth Tubing 10,174'

OIL WELL TEST -

Natural Prod. Test: _____ bbls oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

GAS WELL TEST -

Natural Prod. Test: 1000' MCF/Day; Hours flowed _____ Choke Size _____

Tubing, Casing and Cementing Record

Size	Feet	Sax
13-3/8	330	365
9-5/8	3488	2800
5-1/2	10,270	500

Method of Testing (pitot, back pressure, etc.): 3" Tester

Test After Acid or Fracture Treatment: None MCF/Day; Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): None

Casing Tubing Date first new Press. _____ oil run to tanks

Oil Transporter Yucca Petroleum Co.

Gas Transporter El Paso Natural Gas

Remarks: This is a refile of Form C-104 submitted 10-18-56, at which time there was no transporter of oil or gas. This well has been shut in since completion 5-26-59

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

Approved _____, 19 _____

SUNRAY MID-CONTINENT OIL COMPANY
(Company or Operator)

By: *[Signature]*
(Signature)

OIL CONSERVATION COMMISSION

By: *[Signature]*

Title: District Engineer

Send Communications regarding well to:

Title _____

Name: G. T. McClanahan

Address: Box 128, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A

Date 1956 AUG 21 AM 9:23
HOBBS OFFICE, OCC

Operator Sunray Mid-Continent Oil Company Lease N. M. State #11
Well No. 1 Unit Letter 0 Section 11 Township 10S Range 9N NMPM
Located 660 Feet From South Line, 1980 Feet From West Line
County Lea G. L. Elevation 4257 Dedicated Acreage 280 Acres
Name of Producing Formation Atoka Pool North Mesquite-Perrymanian (Gas)

DUPLICATE

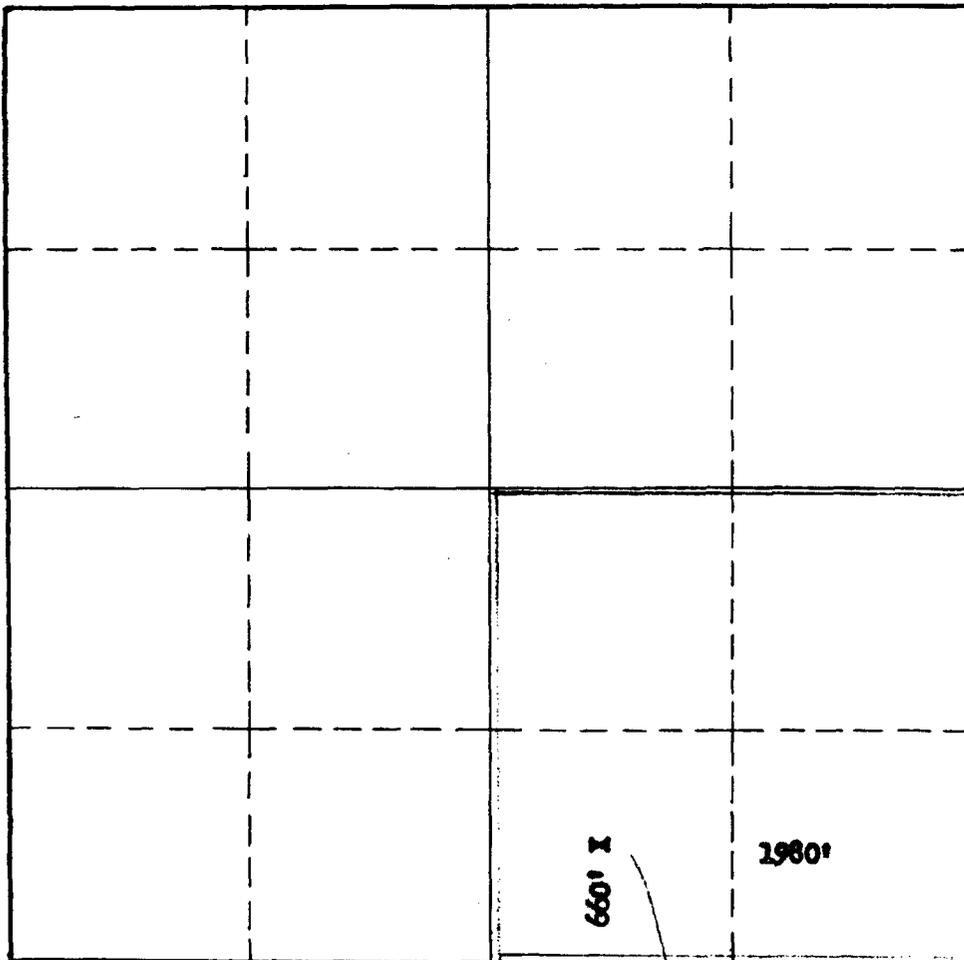
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Sunray Mid-Continent Oil Co.

(Operator)

[Signature]
(Representative)

P. O. Box 128 Hobbs, New Mex.

Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 2-29-56

John W. West

Registered Professional Engineer and/or Land Surveyor.

Certificate No. 676

(See instructions for completing this form on the reverse side)



NEW MEX. OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)
HOBBS OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

1959 AUG 21 AM 7:36

Company or Operator Sunray Mid-Continent Oil Company Lease N. M. State "T"

Well No. 1 Unit Letter 0 S 11 T 106 R 321 Pool North Mesalero-Pennsylvanian

County Log Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit 0 S 11 T 106 R 321

Authorized Transporter of Oil or Condensate _____

Address _____

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 1384 Jal, New Mexico

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well _____ ()

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership _____ () Other _____ ()

Remarks: _____ (Give explanation below)

This well has been shut in since completion 5-26-56

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 20th day of August 19 59

By [Signature]

Approved _____ 19 _____

Title District Engineer

OIL CONSERVATION COMMISSION

Company Sunray Mid-Continent Oil Company

By [Signature]

Address Box 128

Title _____

Hobbs, New Mexico

(File the original and 4 copies with the appropriate district office)

HOBBS OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

1958 AUG 26 PM 3:32

Company or Operator Sunray Mid-Continent Oil Company Lease State "K"

Well No. 1 Unit Letter 0 S 11 T 108 R 32E Pool North Macalera Pennsylvania

County Lee Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit 0 S 11 T 108 R 32E

Authorized Transporter of Oil or Condensate McWood Corporation

Address 364 Petroleum Building, Abilene, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas _____
Address _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: _____ (Give explanation below)

This well has been shut in since completion 5-26-56

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 26th day of August 1959

By Robert E. Stalder

Approved _____ 19 _____

Title District Engineer

OIL CONSERVATION COMMISSION

Company Sunray Mid-Continent Oil Co.

By John W. Runyan

Address P. O. Box 128

Title _____

Hobbs, New Mexico

HOBBS OFFICE OCC

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

1959 AUG 27 PM 3:41

NOTICE OF GAS CONNECTION

DATE August 25, 1959

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE

PURCHASE OF GAS FROM THE Sunray Mid-Continent Oil Co., N. M. State K,
 OPERATOR LEASE
1-0, 11-10-32, N. Mescalero Penn. Gas El Paso Natural Gas Co.,
 WELL UNIT S.T.R. POOL NAME OF PURCHASER

WAS MADE ON August 25, 1959.
DATE

El Paso Natural Gas Company
PURCHASER

A. O. Shiplet
REPRESENTATIVE

A. O. Shiplet

Chief Field Dispatcher
TITLE

CC: TO OPERATOR

OIL CONSERVATION COMMISSION - SANTA FE

NEW MEXICO
OIL CONSERVATION COMMISSION
Back Pressure Data Sheet

Form C-122

Pool: Wildcat Date: June 15, 1956
 Company: Sunray Mid-Continent Lease: N.M. State "K" 7:22 Well No. 1
 County: Lea Sec. 11 Twp. 10S Rge. 32E Loc. 660' FSL & 1980' FEL
 5-1/2" casing set @ 10270'; ID tubing 2-3/8 OD tubing set @ 10,172'
 Pay zone from 10184 to 10195; Separator gas gr. .600 assumed Barometer rdg. -
 Reservoir temperature 170 ° Produced through: csg. _____ tbg. X
 Average gas/liquid ratio during test: 23.8 Cu. ft. / bbl. gravity of liquid 60 assumed ° API
 Size of meter run or prover: 3" X 2"

OBSERVED DATA

Wellhead shut-in pressure, P_w Casing _____ Tubing 2258.2 PSIA

Critical flow prover (3" tester)

Run No.	Orifice Size	Orifice Line	Meter Pressures		Coefficient C	Wellhead Pr.		Flowing Temp.	
			Static	Diff.		Casing	Tubing	Meter	Wellhead
			P_m Abs.	Comp. factor	Flg. tap Pipe tap	P_{wc} Abs.	P_{wc} Abs.		Temp. factor
1	2"	3"	43" Hg	1.000	3100	1.000	928.2	29	1.0312
2	2"	3"	35" Hg	1.000	2714	1.000	1018.2	29	1.0312
3	2"	3"	29" Hg	1.000	2406	1.000	1175.2	31	1.0291
4	2"	3"	18" Hg	1.000	1821	1.000	1313.2	31	1.0291

$\theta = 45^\circ$
 $n = 1.000$

DATA FOR PLOTTING CURVE

Run No.	Delivery Rate in MCF per 24 hours (Q)	$P_f^2 - P_s^2$ (thousands)
1	3197	8250.6
2	2799	7977.6
3	2476	6812.5
4	1874	5142.5
5	0	10694.2 P_w^2 shut in

Absolute Open Flow 4000 MCF

CERTIFICATION: I hereby swear or affirm that, to the best of my knowledge, the information given above is true and correct.

Name: Robert E. Statton Position: Engineer

Company: Sunray Mid-Continent Oil Co. Address: 201 Midland Nat'l Bank Bldg., Midland, Tex

Please plot curve on back

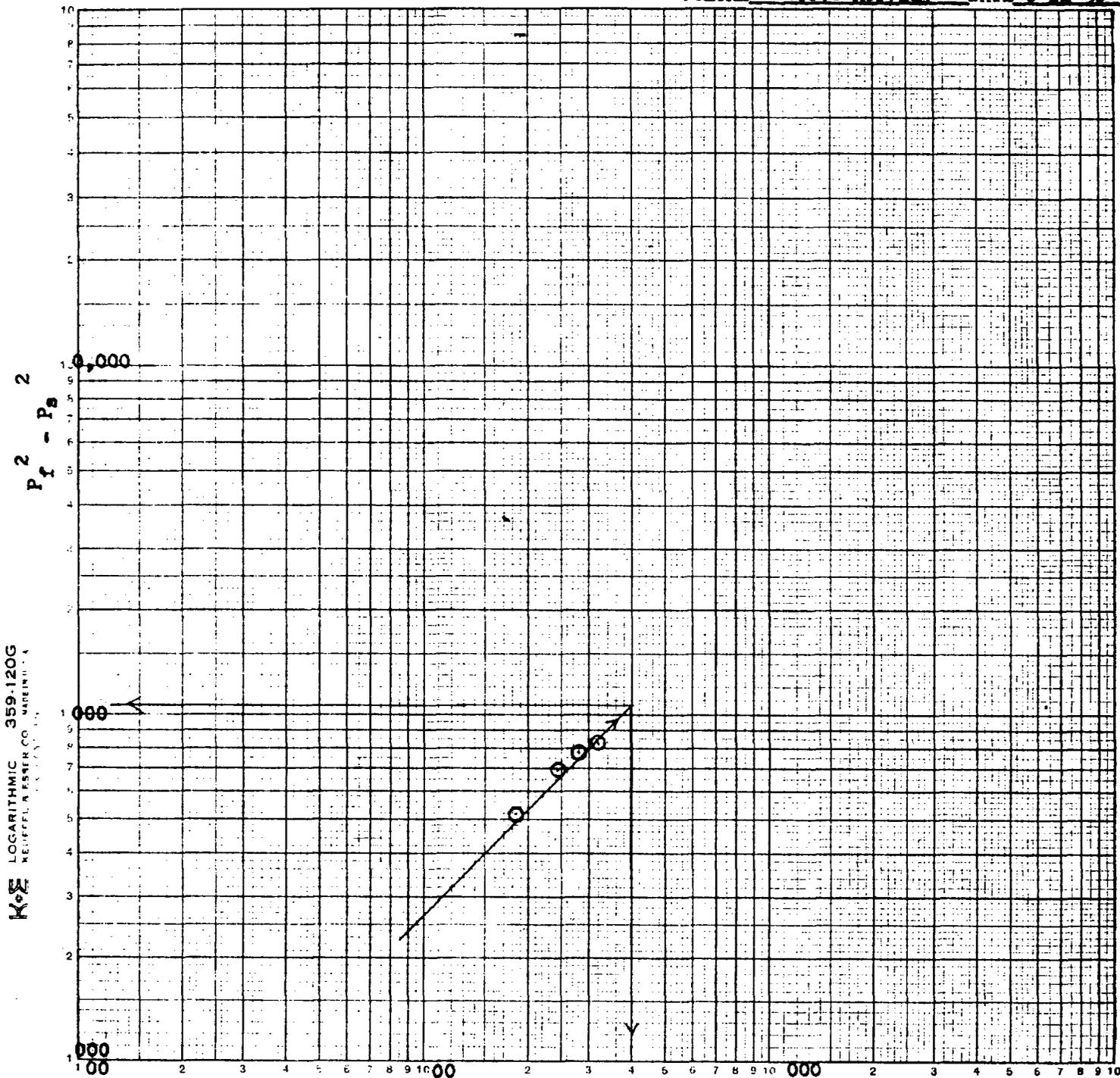
COUNTY Lea, New Mexico

FIELD wildcat

OPERATOR Sunray Mid-Continent Oil Company

LEASE New Mexico State "K" WELL NO. 1

VOLUME 4,000 MCF/Day DATE 6-12-56



Q = 4,000 MCF

θ = 45°

N = 1.00

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Energy Mid-Continent Oil Company				Address Box 124, Hobbs, New Mexico			
Lease No. 100	Well No. 1	Unit Letter 0	Section 11	Township 100	Range 32		
Date Work Performed	Pool Designated	County Lea					

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain): Gas Shut in
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

See 1-actual report of SI gas well. Awaiting gas market.

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE AS TO THE VARIOUS SECTIONS AND YOUR FUTURE PLANS FOR THIS WELL

Witnessed by	Position	Company
--------------	----------	---------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.				
Approved by	Name					
Title	Position District Engineer					
Date	Company Energy Mid-Continent Oil Company					

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Sunray Mid-Continent Oil Company Box 128 - Hobbs, N.M.
(Address)

LEASE N. M. State K WELL NO. 1 UNIT 0 S11 T 10S R 32E
DATE WORK PERFORMED 5-22-56 POOL Undesignated

This is a Report of: (Check appropriate block) Results of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Drilled 7 7/8 hole to 10,775'. Tested salt water in Devonian 10,745-10,775'. Plugged back to 10,420' w/cement.
Set 5 1/2" OD - 17# & 20# N-80 @ 10,270' w/500 sacks cement. Cement came to 7042' by Temperature Survey.

Tested casing to 1500#/30 minutes with no pressure drop. Cleaned out to 10,214'. Perforated - 10,184-10,195' w/44 holes. Tested gas w/trace of Distillate.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:
DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

OIL CONSERVATION COMMISSION
Name *C. M. Lueders*
Title _____
Date MAY 20 1956

I hereby certify that the information given above is true and complete to the best of my knowledge.
Name J. A. Parry
Position Hobbs Area Superintendent
Company Sunray Mid-Continent Oil Co.

HOBBS OFFICE OCC

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON 1956 APR 2 AM 10:00
(Submit to appropriate District Office as per Commission Rule 1100)

Company Sunray Mid-Continent Oil Company Box 128 - Hobbs, New Mexico
(Address)

Lease N. M. State "K" Well No. 1 Unit 0 S 11 T 10S R 32E

Date work performed 3-20-56 POOL Undesignated

This is a Report of (Check appropriate block) Result of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Drilled 12 1/4" hole to 3490'. Set 9 5/8" OD - 36# and 32# casing with Baker Float Collar and Shoe @ 3488' with 2600 sacks of 1:1 Mix Dia-Mix Cement and 200 sacks of neat. Cement circulated to surface.

Casing was tested after 36 hours by applying 1500# pump pressure for 30 minutes with no pressure drop.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl. Date _____

Tbng. Dia. _____ Tbng. Depth _____ Oil String Dia _____ Oil String Depth _____

Perf. Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

Oil Conservation Commission	I hereby certify that the information given above is true and complete to the best of my knowledge.
Name <u>C. M. Leedes</u>	Name <u>J. A. Parry</u>
Title _____	Position <u>Hobbs Area Superintendent</u>
Date _____	Company <u>Sunray Mid-Continent Oil Company</u>

DUPLICATE

Form C-103
(Revised 3-55)

HOBBS OFFICE OCC

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

APR 2 AM 10:00

Company Sunray Mid-Continent Oil Company
(Address)

Lease N. M. State "K" Well No. 1 Unit 0 S 11 T 109 R 32E

Date work performed _____ POOL Undesignated

This is a Report of (Check appropriate block) Result of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Spudded 3-11-56. Drilled 17" hole to 365'. Set 13 3/8" OD - 36# Arcoa Spiral Weld Casing at 358.80' with Texas Pattern Shoe. Cemented to surface with 365 sacks common cement with 4 1/2 Gal. Casing was tested after 24 hours with 800 psi for 30 minutes with no pressure drop.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl. Date _____
Tbng. Dia. _____ Tbng. Depth _____ Oil String Dia _____ Oil String Depth _____
Perf. Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

Oil Conservation Commission	I hereby certify that the information given above is true and complete to the best of my knowledge.
Name <u>P. M. Leeder</u>	Name _____
Title _____	Position <u>J. A. Parry Hobbs Area Superintendent</u>
Date <u>APR 2 1956</u>	Company <u>Sunray Mid-Continent Oil Company</u>

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. **If State Land submit 6 Copies**

Hebbs, New Mexico
(Place)

March 1, 1956
(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) ~~(Recompletion)~~ of a well to be known as

Sunray Mid-Continent Oil Company
(Company or Operator)

New Mexico State "K"
(Lease)

Well No. 1, in 0 (Unit)

located 1980 feet from the East line and 660 feet from the

North line of Section 11, T. 10-S, R. 32-E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Wildcat Pool, Lea County

If State Land the Oil and Gas Lease is No. E-9713

If patented land the owner is _____

Address _____

We propose to drill well with drilling equipment as follows: Rotary tools to approximately 11,000'

The status of plugging bond is Approved

Drilling Contractor McVay & Stafford Drilling Company
Tulsa, Oklahoma

We intend to complete this well in the Devonian formation at an approximate depth of 10,560 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17 1/2	13 1/2	36#	New	335'	350 w/4% Gel.
12 1/4	9 5/8	36#	New	4,000'	1700 w/6% Gel.
8 3/4	5 1/2	20# & 17#	New	10,560'	350 w/4% Gel. & 100 ex. Neat

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved _____, 19____
Except as follows:

OIL CONSERVATION COMMISSION
By: C. W. Lueders

Sincerely yours,

Sunray Mid-Continent Oil Company
(Company or Operator)

By: J. A. Parry

Position: Hebbs Area Superintendent
Send Communications regarding well to

Name: Sunray Mid-Continent Oil Company

Address: Box 128 - Hebbs, New Mexico

COUNTY	LEA	FIELD	Mescalero-SA	STATE	NM.	OWWO
OPR	SUNRAY DX OIL COMPANY					MAP
1 New Mexico State "K"						
Sec. 11, T-10-S, R-32-E					CO-ORD	
660' fr S Line & 1980' fr E Line of Sec.						
Re-Spud 3-22-64			CLASS			
Re-Comp 5-31-64			DWD# EL4274E			
		FORMATION	DATUM	FORMATION	DATUM	
CSG & SX - TUBING						
13	3/8"	339'	365			
9	5/8"	3488'	2800			
5	1/2"	10270'	500			
LOGS EL GR RA IND HC A						
TD 10775', PBD 4200'						

IP San Andres Perfs 4042-4120' Pmpd 9 BOPD + 22 BW. Pot. Based on 24 hr test, gravity 19., GOR 1771.

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CONT.	PROP DEPTH	TYPE
DATE		

6-15-64 F.R.C. 6-18-64; OWWO, OTD 10775'
 Re-complete from Wolfcamp 8530-8830 and Temp.
 Abd. 11-5-63
 TD 10775', PBD 4200', COMPLETED
 Spotted 35 sx plug 8740-8430'
 Perf 4397-98' & sq. w/275 sx.
 DO to 4200'
 Perf 4137-38' & sq. w/100 sx.
 Perf 4039-40' & sq. w/100 sx.
 Perf 4042-45', 4060-62', 4067-69', 4080-82',
 4092-94', 4101-03' & 4116-20' W/2 SPF
 Ac. 3500 gals.
 Frac 20,000 gals oil + 20,000# sd.