

WC COUNTY Lea FIELD Wildcat STATE N.M. NO.

OPR. Sunray Oil Company MAP

NO. 1 LSE New Mexico-State "AL"

SEC. 14 T 17S BLK. 36E SUR. CO-ORD.

LOC. 1980' fr S Line & 660' fr E Line of Sec.

MI. FROM CLASS. EL. 3236

SPUD. 5-29-63 COMP. 8-13-63 FORMATION DATUM FORMATION DATUM

IRT. <u>Natural</u>	LOG:			
	SA	5358		
CSG. & SX.	Glor	6883		
<u>10 3/4" 301' 200</u>	Clfk	7603		
<u>7 5/8" 3612' 868</u>	Tubb	8410		
<u>2 7/8" 4374' 600</u>	Abo	8825?		
TBG. DEPTH SIZE				
LOGS EL GR RA IND HC A				
	TD	9203'	PB	4374'

PROD INT. (DAILY RATE) BS&W GH GOR GTY C. P. T. P. HRS. TEST

4301-12' CAOF 1185 MCFGPD

(Queen)

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CONT. Carper Drlg. Co., Inc. PROP DEPTH 9200' TYPE

DATE

F.R. 5-31-63, Abo.

Contractor - Carper Drlg. Co., Inc. PD 9200'

6-3-63 Drlg. 3595' anhy. & gyp.

5-10-63 Drlg. 4515' anhy. & sh.

DST 4269-4312', open 1 hr 45 mins, GTS 2" @ Rate of 600 MCF, rec 400' OC Salt Wtr, 30" ISIP 2010#, FP 240#, 60" FSIP 2010#.

6-17-63 Drlg. 6110' dolo.

6-24-63 TD 6390', fishing.

7-1-63 Drlg. 7325' dolo.

7-8-63 Drlg. 8096' ls. & sh.

7-15-63 Drlg. 8542' dolo. & ch.

7-22-63 Drlg. 8878' dolo. & ch.

7-29-63 TD 9116', reaming core hole.

Cored 9091-9116', rec 25' tight dolo., w/sli. bleeding oil & gas.

8-5-63 TD 9203', prep to PB to Queen .

Sunray DX Oil Co., #1 New Mexico-State "AL" - Sec. 14-17S-
Wildcat 36E

8-5-63

cont.:-

Cored 9118-76', rec 58' being: 7' shly ls., w/
scatt. bleeding oil & gas., 51' grey foss.
argelaceous ls., w/sli. bleeding oil & gas.

8-12-63

TD 9203', PB 4324', on potential.

Perf 22/4301-12',

fld. estimated 350 MCF thru 18/64" ch., TP 200#.

8-19-63

TD 9203', PB 4324', COMPLETED.

Fld. 950 MCF thru 3/16" ch., TP 1185#.

Fld. 1100 MCF thru 4/16" ch., TP 764#.

Fld. 1220 MCF thru 5/16" ch., TP 525#.

Fld. 1300 MCF thru 6/16" ch., TP 372#.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat
Hobbs Office O.C.C.

Section A.

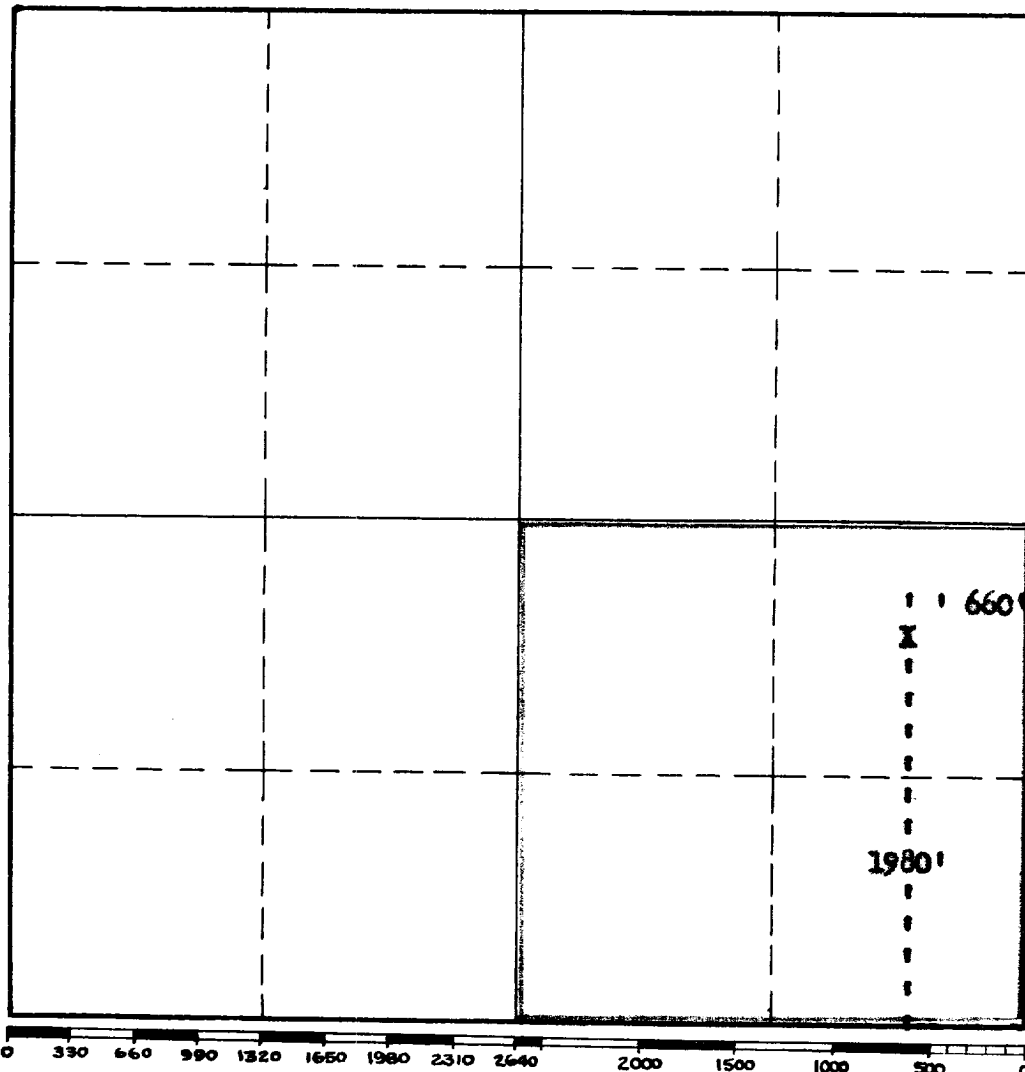
Date Apr 14 3 00 PM '64
Operator Sunray Oil Company Lease New Mexico State "A1"
Well No. 1 Unit Letter I Section 14 Township 17S Range 36E NMPM
Located 1980 Feet From South Line, 660 Feet From West Line
County Lea G. L. Elevation 3821.8 Dedicated Acreage 160 Acres
Name of Producing Formation Queen Pool Wildcat

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes _____ No X.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No _____. If answer is "yes," Type of Consolidation Operating Agreement Dated April 26, 1963
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

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. Mayabb
(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 5-23-63

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

Certificate No. 676

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

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

RECEIVED OCT 17 1963
1963 AUG 22 PM 4 01

August 22, 1963

**Sunray DK Oil Company
Hobbs, New Mexico**

Attention: Mr. V. R. Mayabb

Gentleman:

Reference is made to your letter of August 21, 1963, wherein you request administrative approval of an exception to Rule 107 (a) for your State "AL" Well No. 1, located in Unit I of Section 14, Township 17 South, Range 36 East, Lea County, New Mexico. It is our understanding that this well is equipped with intermediate casing set at 3612 feet and completed in the Queen formation, producing gas through 2 7/8-inch casing with perforations from 4300 to 4311 feet.

Inasmuch as no pressure or corrosive problems are anticipated in this completion, it is hereby approved.

Very truly yours,

**A. L. PORTER, Jr.
Secretary-Director**

ALP/DSM/esr

**cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs**

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P. O. BOX 871

SANTA FE, NEW MEXICO

001 10 100000

Page 10 of 11

In a well, edition

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FORM 2-1 6

[illegible]

Inasmuch as no pressure or corrosive problems are anticipated in this condition, it is hereby approved.

Very good job

SECRET
7-26-61-100510-42

20. 05/15

Oil & Gas Marketing Committee - 100
Oil Conservation Committee - 100

Sunray DX Oil Company



August 21, 1963

New Mexico Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

ATTENTION: Mr. D. S. Nutton

Re: Application for Tubingless
Completion, New Mexico
State "AL" No. 1 Unit I
Section 14 T17S R36E
Lea County, New Mexico

Gentlemen:

Sunray DX Oil Company herewith makes application for administrative approval for a tubingless completion of their New Mexico State "AL No. 1.

The subject well was drilled to a total depth of 9203' with intermediate set at 3612', and plugged back to 4374'. Completion was made through 2 7/8" OD EUE casing (cemented with 600 sacks cement) in the Queen gas sand from perforations 4300 to 4311'. The well was completed August 13, 1963 with an Absolute Potential of 1185 MCFFD. A 72 hr. shut in tubing pressure of 1872 psig was recorded prior to the potential test.

The nearest Queen production to the New Mexico State "AL" is 5 miles south in the Arkansas Junction Queen Field. In visiting with the various operators in that area, it appears that the production and gas characteristics of our well are similar to those in the Arkansas Junction Pool. Since none of the operators have reported any difficulty with corrosion, we do not anticipate this to be a problem.

Should you require additional information concerning this application, please notify us.

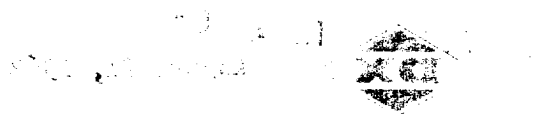
Thank you for your consideration.

Yours very truly,

V. R. Mayabb
District Engineer

cc: New Mex. Oil Conservation Comm.
P.O. Box 1980
Hobbs, New Mexico
Attn. Mr. J. D. Ramey
cc: V. L. Smith/E. J. Pierce

Barney Oil Company



Barney Oil Company, Inc. (Incorporated)

Barney, N.Y.

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