



MIDLAND PRODUCTION DISTRICT
JUL 24 1978

SUN PRODUCTION COMPANY 901 W. WALL, POST OFFICE BOX 1861, MIDLAND, TEXAS 79702 (915) 682-8271

July 21, 1978

Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Joe Ramey
Director

RE: Sun Oil Company
State Land "15" Lease Well #1
Unit M, Sec. 16, T-21-W, R-37-E NMPM
Lea County, New Mexico
Blinebry Oil & Gas & Drinkard Pools

Dear Sir:

During the month of June, 1977, we made application for "Administrative Approval" for an exception to Rule 303-A, having to do with the commingling downhole of the Blinebry and Drinkard zones in the same wellbore of our State Land "15" Well #2. This application was subsequently approved by your office (see attached copy of your letter of 6-17-77).

It is our desire to obtain approval for a like operation on/in the subject lease/well as soon as possible due to the difficulties of getting and holding workover/pulling units for the job.

Attached for your convenience of review and hopefully approval, are copies of forms C-101, C-102, and C-103 as they are being filed with the Hobbs District, should approval be given and due to the lack of time.

If any further information is required to expedite this matter, we would appreciate your office calling us collect.

Thanking you in advance for your kind attention and consideration of this application, we remain

Very truly yours,

Charles H. Vanderford

cc: Jerry Sexton, C. C. Hobbs, Steve Gillett

7/24 - Called. Told them while usual request in record with review.



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

JUL 24 1978



DIRECTOR
JOE D. RAMEY

LAND COMMISSIONER
PHIL R. LUCERO

STATE GEOLOGIST
EMERY C. ARNOLD

June 13, 1977

Original
File Copy

Sun Production Company
P. O. Box 1861
Midland, Texas 79702

Re: Administrative Order No. DHC-222
State "15" Well No. 2, Unit N, Section 16,
Township 21 South, Range 37 East, NMPM,
Lea County, New Mexico, Blinbry Oil and
Gas and Drinkard Pools



Gentlemen:

Reference is made to your recent application for an exception to Rule 303-A of the Commission Rules and Regulations for the subject dually completed well to permit the removal of the down-hole separation equipment and to commingle the production from both pools in the well-bore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such down-hole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and Commission Order No. DC-783, which authorized the dual completion and required separation of the zones, is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C, total commingled oil production from the subject well shall not exceed 40 barrels per day, and total water production from the well shall not exceed 80 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by multiplying 6000 by top unit allowable for the Drinkard Pool.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Upper Pool: Oil 27%, Gas 9%
Lower Pool: Oil 73%, Gas 91%

-2-

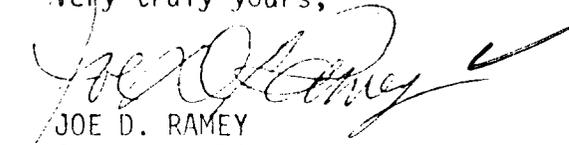
Sun Production Co.

DHC-222

-2-

Pursuant to Rule 303-C 5, the commingling authority granted by this order may be rescinded by the Secretary-Director if, in his opinion, conservation is not being best served by such commingling.

Very truly yours,



JOE D. RAMEY
Secretary-Director

JDR/CU/og

cc: Oil Conservation Commission
Box 1980
Hobbs, New Mexico

JUL 24 1978

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
 STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name State Land 15	
2. Name of Operator Sun Oil Company		9. Well No. 1	
3. Address of Operator P. O. Box 1861 - Midland, Texas 79702		10. Field and Pool, or Wildcat Blinebry & Drinkard	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM		12. County Lea	
19. Proposed Depth 6700'		19A. Formation Blinebry-Drink	20. Rotary or C.T.
21. Elevations (Show whether DF, RT, etc.) 3466 DF	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start 7-21-78

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17	13 3/8"		334	350	Surface
12	9 5/8"		2849'	2100	
8 3/7	7"	23# J-55	6699'	500	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed C. J. Vandford Title Office Assistant Date 7-20-78

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

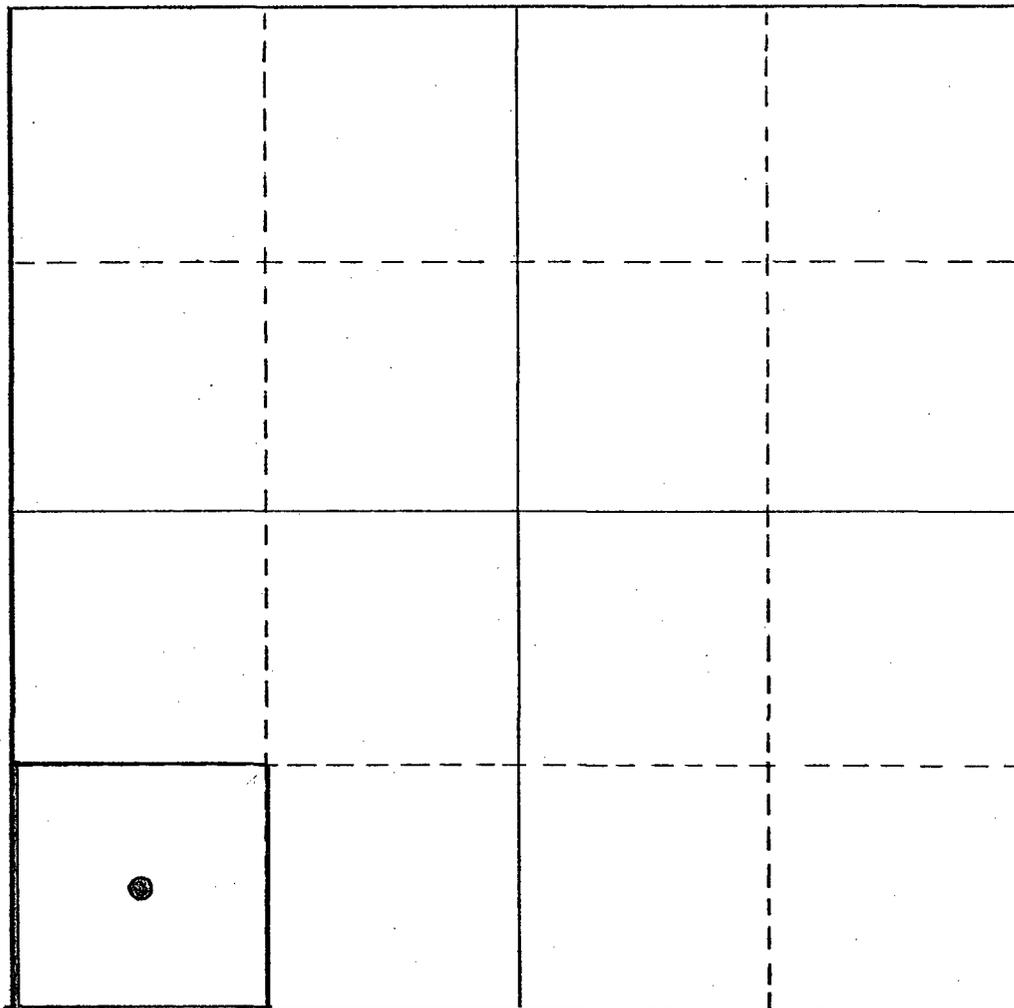
Operator Sun Oil Company		Lease State Land 15			Well No. 1
Unit Letter M	Section 16	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev: 3466 DF	Producing Formation Blinebry-Drinkard		Pool Blinebry-Drinkard 303-C		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

C. H. Vanderford
Name

C. H. Vanderford

Position
Office Assistant

Company
Sun Oil Company

Date
7-20-78

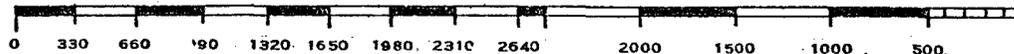
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

1-11-47

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



NEW MEXICO OIL CONSERVATION COMMISSION

JUL 23 1978

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
 State Fee
 5. (State Oil & Gas Lease No.)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REFINISH OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - 22 (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER-

2. Name of Operator
 Sun Oil Company

3. Address of Operator
 P. O. Box 1861 - Midland, Texas 79702

4. Location of Well
 UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM
 THE West LINE, SECTION 16 TOWNSHIP 21-S RANGE 37-E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name
 State Land 15

9. Well No.
 1

10. Field and Pool, or Wildcat
 Blinebry & Drinkard

12. County
 Lea

15. Elevation (Show whether DF, RT, GR, etc.)
 3466 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 checked="" 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 ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <u>Downhole commingle application for Rule 303-C</u>		OTHER _____	

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 C 1103.

- 7-21-78 1. Move in Rotary unit, pull rods. Install BOP & pull tubing.
- 7-22-78 2. Run in hole w/GOI Elite Retainer on 2 3/8" work string. Set ret. @3650.
- 7-22-78 3. Drill out to CIBP @4039'/test squeeze to 1000#. Drill out cmt & CIBP 4039-4050 wash to plug @6506'. Drill 12' cmt & wash 8' sand off Baker "D" pkr. @6525. POH.
- 7-23-78 4. Fish DR plug in Model "D" pkr. RIH w/Mill & pkr. plucker & Mill up pkr. POH. Note: Drinkard zone will "Drink" kill fluid.
- 7-24-78 5. RIH w/bit & drlg. 20' of the 40'. Shoe Joint to 6680'. POH.
- 7-24-78 6. DA run CNL, PBD 6680-4680'.
- 7-25-78 7. GOI perf addtl. Drinkard & Blinebry pay as per geologists onsite recommendation w/4" DML Densijet 23 Select Fire Gun (Est. 50-75 holes from 6660-5600').
- 7-26-78 8. Acid volumes & pkr/RBP settings to be determined after perfs. are picked. acidize, swab & frac drinkard. Repeat for Blinebry.
- 7-27-78 9. Run 2 3/8" tbg., SN, PN, MA to 6670'. Set TAC @5600'. Run 1 1/4" insert pump on 76 rod string. Clamp off. Rig down, Rig released.
- 7-28-78 10. Set 114 pump unit, test & potential.

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

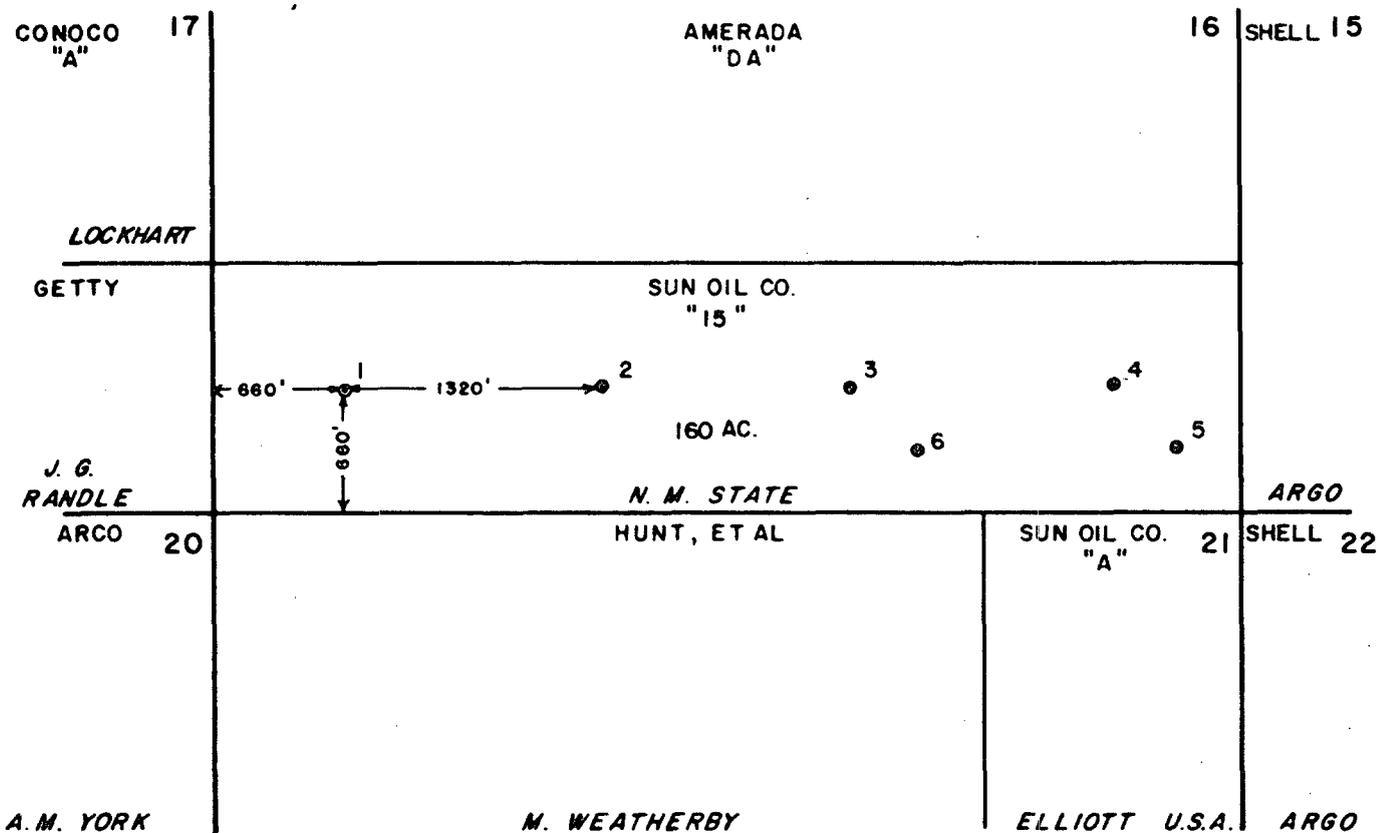
SIGNED C. N. Henderson TITLE Office Assistant DATE July 20, 1978

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 24 1978

T. - 21 - S. - T - 37 - E.



SUN OIL COMPANY
 STATE LAND "15" LEASE
 LEA CO., NEW MEXICO



I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Charles Vanderford

SCALE: 1" = 1000'

BEFORE ME, the undersigned authority, a Notary Public in and for Midland County, Texas, on this day personally appeared CHARLES VANDERFORD known to me to be the person whose name is subscribed to the following instrument and who being by me duly sworn, upon oath says:

That he is AGENT of SUN OIL CO. and that he has knowledge of the facts contained in the statements appearing below and following, and that such report is in all respects complete, true and correct.

SUBSCRIBED AND SWORN to before me this 20th day of July, A.D. 1978

William R. Thomas
 Notary Public in and for Midland County, Texas.