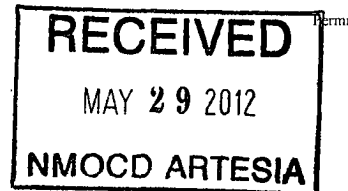


District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised December 16, 2011



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address <i>Devon Energy</i> 333 West Sheridan Oklahoma City, OK 73106		² OGRID Number 6137
		³ API Number 30-015-21920
⁴ Property Code 28709	⁵ Property Name Lone Tree State	⁶ Well No. 1

⁷ Surface Location

UL - Lot K	Section 13	Township 21S	Range 27E	Lot Idn	Feet from 1980	N/S Line South	Feet From 1980	E/W Line West	County Eddy County, NM
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⁸ Pool Information

Lower Brushy Canyon, Delaware <i>Fenton; Delaware, N.W.</i>	<i>24330</i>
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Additional Well Information

⁹ Work Type P	¹⁰ Well Type G	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 3163'
¹⁴ Multiple No	¹⁵ Proposed Depth 11,840'	¹⁶ Formation Bone Spring	¹⁷ Contractor	¹⁸ Spud Date 10/19/93
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17 1/2"	13 3/8"	48# H-40	606'	Unknown per C-104	
	12 1/4"	9 5/8"	36# S-80	3060'	Unknown per C-104	
	7 7/8"	5 1/2"	17# S-95/NL-80	11870'	1350 sx total	TOC @ 4.246'

Casing/Cement Program: Additional Comments

See attached procedure

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

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

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☒. (C-104 CLEZ attached)

Signature:

Printed name: Stephanie A Ysasaga

Title: Sr. Staff Engineering Technician

E-mail Address: Stephanie.Ysasaga@dvn.com

Date 05/24/2012

Phone: (405)-552-7802

OIL CONSERVATION DIVISION

Approved By:

Title

Approved Date: 5/31/2012

Expiration Date: 5/31/2014

Conditions of Approval Attached

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21920	² Pool Code 96144	³ Pool Name CARLSBAD: DELAWARE
⁴ Property Code 24319	⁵ Property Name LONE TREE STATE	⁶ Well Number 1
⁷ OGRID No. 6137	⁸ Operator Name Devon Energy Production, Company L. P.	⁹ Elevation 3163'

¹⁰ Surface Location

UL or lot no. K	Section 13	Township T21S	Range R27E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1980	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.</p> <p>Signature: <i>Judy A. Barnett</i> Date: 6/20/12</p> <p>Judy A. Barnett Regulatory Specialist Printed Name</p> <p>judy.barnett@devn.com E-mail Address</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

Lone Tree #1
AFE #

Objective - Abandon Bone Spring and recomplete well in the Middle Brushy Canyon.

API# - 30-015-21920

Location - Eddy Co.—Sec 13, T21S R27E: 1,980' FSL,
1,980' FEL

GL - 3,163 ft

KB - (15')

TD -11,870 ft

PBSD - 7,900 ft

Casing	OD	#s/FT	Grade	Top	Bottom	TOC	80% Collapse (psi)	80% Burst (psi)
Surface	13-3/8"	48.00#	H-40	0'	606'	0'		
Intermediate	9-5/8"	36.00#	S-80	0'	3,060'	0'		
Production	5-1/2"	17.00#	S95 & N80	0'	11,870'	4,246'		
Production								
Tubing	2 3/8"	6.4#	J-55	0'	7,818'			

Current perforations: Bone Spring: 7,558'-7,770'

Current BHA:

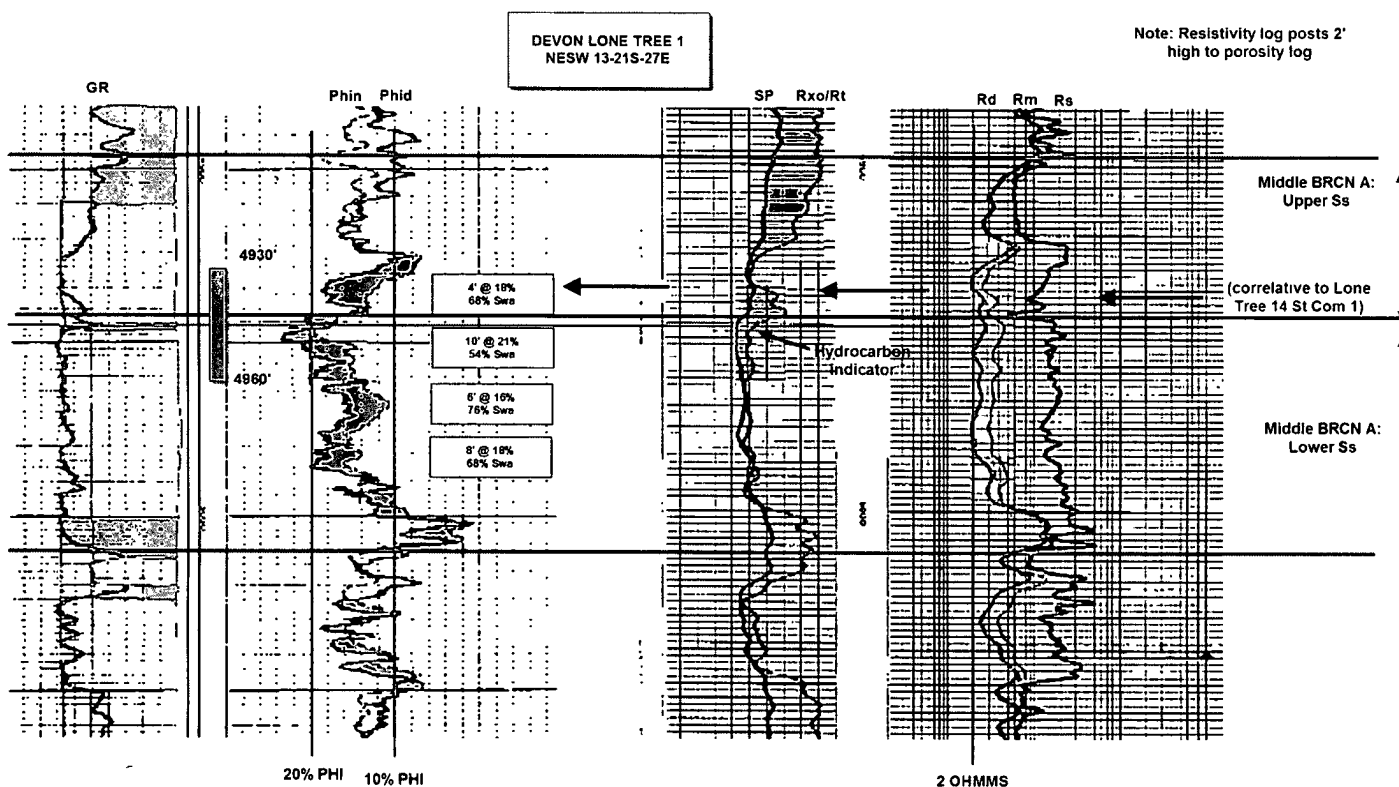
EQUIPMENT			EQUIP LENGTH (FT)	DEPTH
	KB		15.00	15.00 FT
TOP	2-7/8" N-80	227 JOINTS	7,377.00	15.00 FT
BOTTOM	2-7/8" N-80	227 JOINTS	7,377.00	7,392.00 FT
TOP	TAC		3.20	7,392.00 FT
BOTTOM	TAC		3.20	7,395.20 FT
TOP	2-7/8" N-80	13 JOINTS	423.00	7,395.20 FT
BOTTOM	2-7/8" N-80	13 JOINTS	423.00	7,818.20 FT
TOP	SEAT NIPPLE		1.10	7,818.20 FT
BOTTOM	SEAT NIPPLE		1.10	7,819.30 FT
TOP	2 7/8" X-OVER		0.08	7,819.30 FT
BOTTOM	2 7/8" X-OVER		0.08	7,819.38 FT
TOP	PERF SUB		4.00	7,819.38 FT
BOTTOM	PERF SUB		4.00	7,823.38 FT
TOP	MUD ANCHOR		32.00	7,823.38 FT
BOTTOM	MUD ANCHOR		32.00	7,855.38 FT

Current Rod String:

	EQUIPMENT	EQUIP LENGTH (FT)	DEPTH	
TOP	KB	15.00	(15.00)	
		(21.00)	(21.00)	
TOP	1 1/2" POLISH ROD	22.00	(36.00)	FT
BOTTOM	1 1/2" POLISH ROD	22.00	(14.00)	FT
TOP	1-1/2"X 12' LINER	-	(14.00)	FT
BOTTOM	1-1/2"X 12' LINER	-	(14.00)	FT
TOP	98 RODS (7/8")	2,450.00	(14.00)	FT
BOTTOM	98 RODS (7/8")	2,450.00	2,436.00	FT
TOP	204 RODS (3/4")	5,100.00	2,436.00	FT
BOTTOM	204 RODS (3/4")	5,100.00	7,536.00	FT
TOP	10 RODS (7/8")	250.00	7,536.00	FT
BOTTOM	10 RODS (7/8")	250.00	7,786.00	FT
TOP	RHBM PMP	20.00	7,786.00	FT
BOTTOM	RHBM PMP	20.00	7,806.00	FT

Procedure

- 1) Test anchors. MIRU PU. ND WH and NU 5K BOP. If necessary, top kill with 2% KCL.
- 2) Release RHBC pump and POOH w/ rods and pump(leave hanging 104 7/8" rods and 96 3/4 " rods). Unset TAC and POOH w/ 2-3/8" tubing laying down.
- 3) RU WL and set 5-1/2" CIBP at 7,400 ft. Dump bail 35' of cement on top of it. Load and test casing to 500 psi for 15 min.
- 4) Log well from 5,200 ft to 200 ft above TOC. (minimum until 4,200 ft)
- 5) If TOC is at +/- 4,246 ft then continue. Otherwise contact engineer.



- 6) RIH w/ 3-1/8" slick guns with 311 NT, 6 SPF 60 deg phased. Correlate to open hole compensated neutron log. Perforate Middle Brushy Canyon from 4,930 ft to 4,960 ft.
- 7) Set 5-1/2" retrievable bridge plug on WL at 4,980 ft. Load and test 5 1/2" casing to 2,000 psi.
- 8) RIH w/ 5 1/2" X 2 7/8" packer on 2-7/8" tubing. Have on/off tool below packer to retrieve RBP after frac. Set packer at 4,880 ft. HYDRO TEST TUBING BELOW THE SLIPS GOING IN THE HOLE.
- 9) Hold 500 psi of pressure on the backside of the tubing. Include a pop-off valve on backside set at 1,500 psi. RU BHI frac crew. Frac down 2 7/8" tbg in accordance to attached frac procedure. Do not exceed 8,000 psi surface treating pressure. RD BHI.
- 10) Begin flowing well back at 1/2 bpm for 2 hours and increase to 1 bpm for 2 hours. Increase flow to 2 bpm if possible until well dies.
- 11) Unset packer and wash sand off of RBP. Retrieve RBP. POOH.

- 12) TIH w/ 1 mud jnt, 4 ft perforated sub, SN, 4 2-7/8" jts of N80 tbg, TAC, and 154 jts of 2 7/8" N80 tbg. Set SN @ 4,990 ft. With TAC at +- 4,895 ft.
- 13) TIH w/ Stanley filter, pump and rods per attached RodStar design. RD and turn over to production.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: LONE TREE #1		Field CARLSBAD EAST	
Location: 1980' FSL & 1980' FWL; SEC 13-T21S-R27E		County: EDDY	State: NM
Elevation: 3163' GL		Spud Date: 10/4/76	Compl Date: 1/2/77
API#: 30-015-21920	Prepared by: Ronnie Slack	Date: 5/18/12	Rev:

17-1/2" hole
13-3/8", 48#, H40, STC, @ 606'
 Cmt'd w/750 sx to surf

12-1/4" hole
9-5/8", 36#, S80, STC, @ 3,060'
 Cmt'd w/2095 sx to surf

TOC @ 4246' (CBL-11/12/93)

Re-Entry: 5-1/2", 15.53, J55, w/7' of 7" csg used as slip jt.
 Casing set @ 5005. Slip jt is 3' over existing 5-1/2" casing. Cmt'd w/200 sx. (11/7/93)

5-1/2" casing cut @ ~5000', pumped 40 sx stub plug from 4900' to 5000'. (P&A of 2/14/92)

BONE SPRING (perfs prior to p&a-2/14/92)
 7456-7462; 7473-7477; 7484-7498
 Sqz holes 7496, sqzd 500 sx, etoc @ 6355. Cmt rtr @ 7450
 Sqz holes @ 7520 (re-entry sqz)

BONE SPRING (perfs after reentry 12/93)
 7558' - 7770'
 Acidized & Frac w/252K# 16/30

Sqz holes @ 7970' (re-entry sqz)

WOLFCAMP
 9,312-9,346'
 9,674'-9,682'

PENN
 10,481-10,497

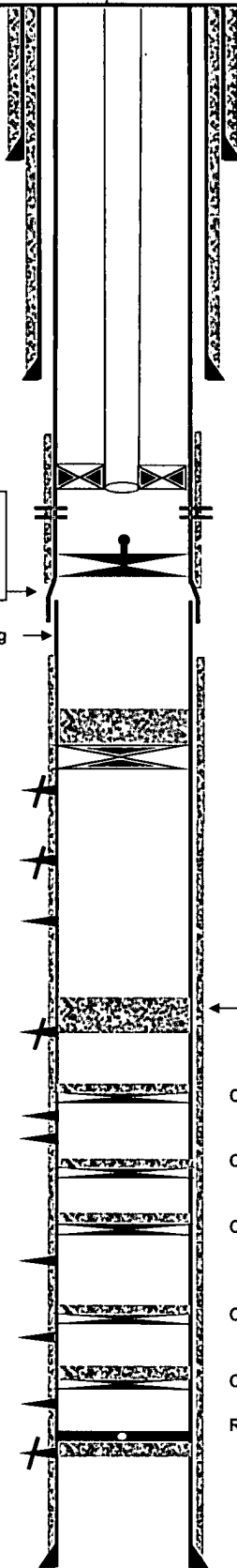
ATOKA
 10,694'-10,702'

MORROW
 11,600'-11,605'

11,680'-11,687'

11,690'-11,692' (sqzd w/25 sx)

8-3/4" Hole
5-1/2", 17#, S95 & N80, @ 11,870'
 Cmt'd w/1150 sx



Proposed packer set @ 4,880 ft on 2-7/8" tbg

Proposed perforations @ 4,930 ft to 4,960 ft
 Middle Brushy

Proposed RBP @ 4,980 ft

Proposed CIBP @ 7,400 ft w/ 35' cement on top

SN @ 7818 (New pump set 4/28/10)

← Cmt drilled out to to 7900' from blk sqz @ 7520 & 7970

CIBP @ 9000' w/35' cmt

CIBP @ 10009' w/35' cmt

CIBP @ 10650 w/20' cmt

CIBP @ 11550 w/20' cmt

CIBP @ 11660 w/20' cmt

Retainer @ 11689'

11,870' TD

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <u>Devon Energy Production Co LP</u>			Lease <u>LOVE TREE</u>		Well No. <u>1</u>
Unit Letter <u>K</u>	Section <u>13</u>	Township <u>21-S</u>	Range <u>27-E</u>	County <u>EDDY</u>	
Actual Footage Location of Well: <u>1980</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line					
Ground level Elev. <u>3163'</u>	Producing Formation <u>Delaware</u>	Pool <u>CARLSBAD, DELAWARE</u>	Dedicated Acreage: <u>40</u> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

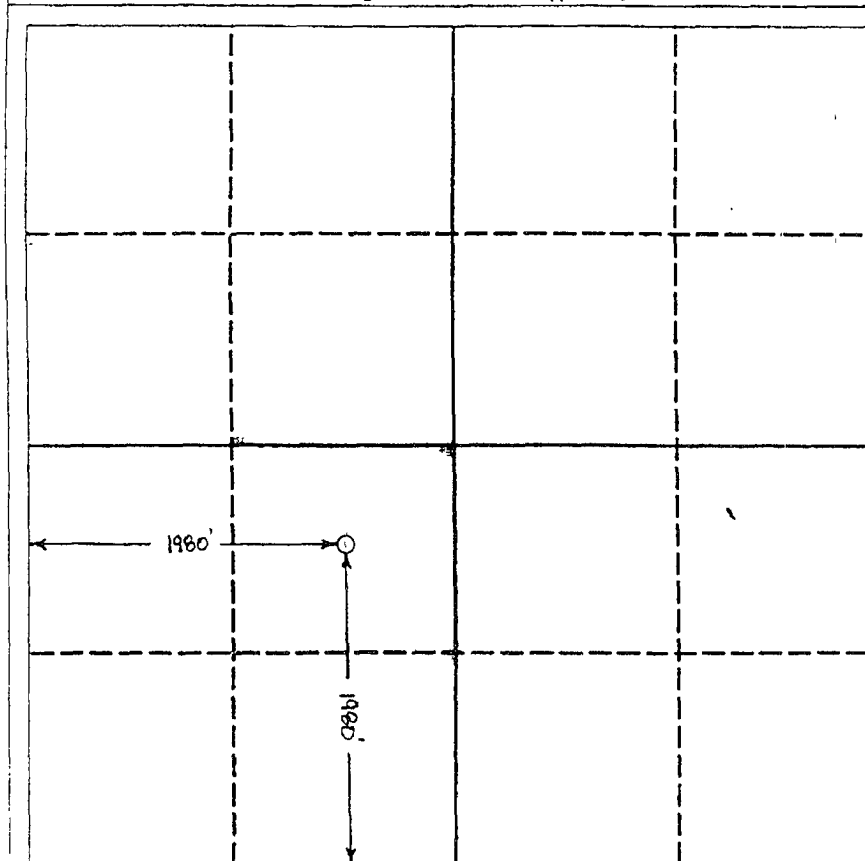
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

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.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

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.

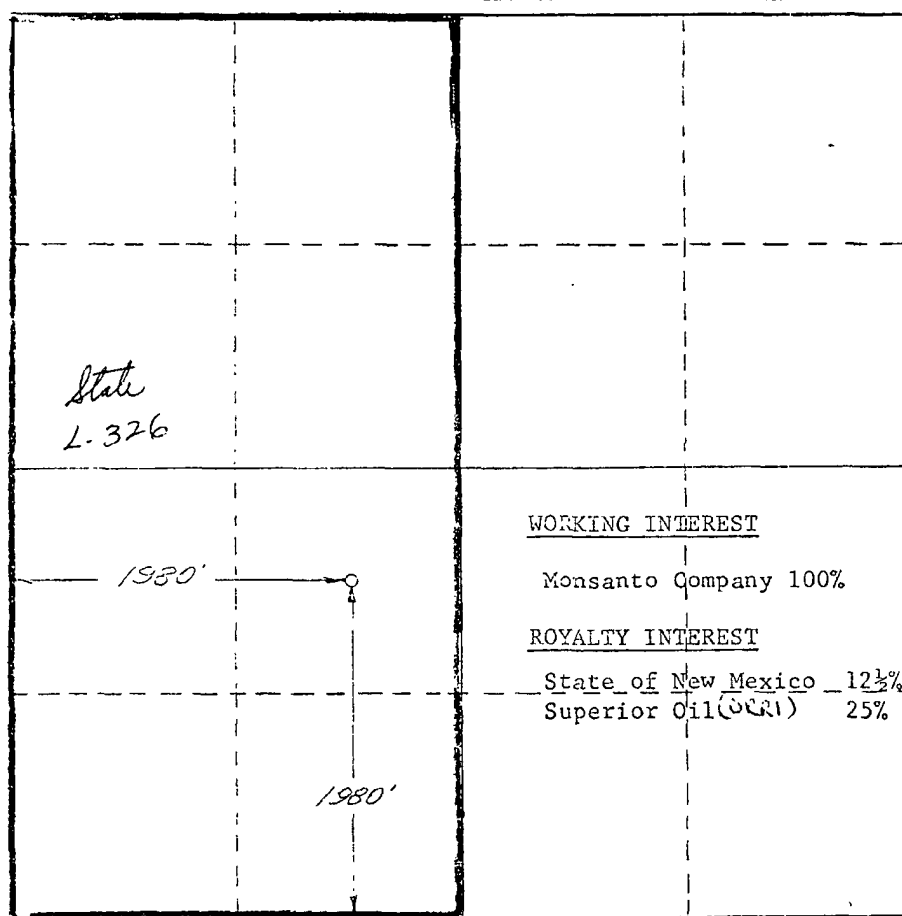
Monsanto Company			Lease Lone Tree		Well No. 1
Section K	Section 13	Township 21-S	Range 27-E	County Eddy	
First Section Location of Well: 1500 feet from the South line and 1980 feet from the West line					
Section 2, 7th Dist. 3153'	Producing Formation Morrow	Pool And. Burton Flat morrow Widbeat		Dedicated Acreage: 4 1/2 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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, force-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.

Name
E. M. Scholl
E. M. Scholl
Position
Regional Prod. Mgr.
Company
MONSANTO COMPANY

Date
9/27/76

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.

September 23, 1976

Date Surveyed
Richard B. Duniven

Registered Professional Engineer
and/or Land Surveyor

Richard B. Duniven
Certificate No. 4382

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000