

RECEIVED: <u>12/14/2018</u>	REVIEWER: <u>MAm</u>	TYPE: <u>C TB</u>	APP NO: <u>PMAM18 348 49554</u>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: <u>OXY USA INC</u>	OGRID Number: <u>16696</u>
Well Name: <u>RED TANK 35 FEDERAL 1 & MULTIPLE</u>	API: <u>30-025-32336 & OTHERS</u>
Pool: <u>RED TANK;DELAWARE, WEST</u>	Pool Code: <u>51689</u>

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for (A)
- A. Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD
- B. Check one only for (I) or (II)
- (I) Commingling - Storage - Measurement
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- (II) Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

C TB-882

2) **NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☐ Offset operators or lease holders
B. ☒ Royalty, overriding royalty owners, revenue owners
C. ☐ Application requires published notice
D. ☐ Notification and/or concurrent approval by SLO
E. ☒ Notification and/or concurrent approval by BLM
F. ☐ Surface owner
G. ☒ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Kathleen Mowery
Print or Type Name

Kathleen Mowery
Signature

12/14/2018
Date

713-366-5109
Phone Number

Kathleen-mowery@oxy.com
e-mail Address

APPLICATION FOR LEASE COMMINGLE & OFF LEASE STORAGE, MEASUREMENT AND SALES

Commingling proposal for the Red Tank 34-2 Battery

OXY USA INC requests approval for a lease commingle at the Red Tank 34-2 Battery (H-34-225-32E / Lat 32.34976, Long -103.65597) and off lease storage, measurement and sales for the Red Tank 35 Federal 1 and Red Tank 35 Federal 2 wells. This commingling proposal is in addition to commingling order PLC 217. The wells feeding the battery are listed below.

LEASE COMMINGLE & OFF-LEASE STORAGE, MEASUREMENT AND SALES

POOL: RED TANK;DELAWARE, WEST (51689)

LEASE NMNM77060 - BLM ROYALTY 12.5%

WELL NAME	API	SURFACE LOCATION	POOL	POOL CODE	DATE ONLINE	OIL (BOPD)	GRAVITY API	GAS (MSCFD)	BTU/CF	WATER (BWPD)
RED TANK 33 FEDERAL 1H	30-025-41237	P-33-225-32E	RED TANK;DELAWARE, WEST	51689	Apr-2015	25	37.5	47	1268	2
RED TANK 34 FEDERAL 1	30-025-31720	B-34-225-32E	RED TANK;DELAWARE, WEST	51689	May-1998	10	39.7	10	1299	111
RED TANK 34 FEDERAL 2*	30-025-31932	H-34-225-32E	RED TANK;DELAWARE, WEST	51689	Nov-1993	0	39.3	174	1306	2764
RED TANK 34 FEDERAL 3	30-025-31951	A-34-225-32E	RED TANK;DELAWARE, WEST	51689	Mar-1994	10	40.5	13	1199	54
RED TANK 34 FEDERAL 4*	30-025-32136	G-34-225-32E	RED TANK;DELAWARE, WEST	51689	Feb-1994	78	39.1	82	1215	2870
RED TANK 34 FEDERAL 7	30-025-35941	I-34-225-32E	RED TANK;DELAWARE, WEST	51689	Oct-2003	5	40.1	10	1306	78
RED TANK 34 FEDERAL 12	30-025-35834	F-34-225-32E	RED TANK;DELAWARE, WEST	51689	May-2002	5	38.9	5	1362	45
RED TANK 34 FEDERAL 13	30-025-32761	D-34-225-32E	RED TANK;DELAWARE, WEST	51689	Jan-1995	10	38.7	3	1289	183
RED TANK 34 FEDERAL 14	30-025-32655	C-34-225-32E	RED TANK;DELAWARE, WEST	51689	Oct-1994	6	37.8	15	1293	108
RED TANK 34 FEDERAL 15*	30-025-32912	E-34-225-32E	RED TANK;DELAWARE, WEST	51689	Aug-1995	9	38.5	41	1339	4498

LEASE NMNM86150 - BLM ROYALTY 12.5%

WELL NAME	API	SURFACE LOCATION	POOL	POOL CODE	DATE ONLINE	OIL (BOPD)	GRAVITY API	GAS (MSCFD)	BTU/CF	WATER (BWPD)
RED TANK 35 FEDERAL 1	30-025-32336	D-35-225-32E	RED TANK;DELAWARE, WEST	51689	Feb-1994	2	38.3	0	1326	81
RED TANK 35 FEDERAL 2	30-025-36372	E-35-225-32E	RED TANK;DELAWARE, WEST	51689	Dec-2003	2	37.2	1	1356	19

*Wells back online September 2018. Production volume is only from September 2018.

Process Description:

Production is sent through a 30' x 10' two-phase production separator where gas and liquid are separated. Liquid from the two-phase separator is directed to the 5' x 15' heater treater unit where oil and water are separated. Oil and water are directed to the common oil storage tanks and the corresponding common water storage tanks at the battery. Produced oil remains in tanks, until a sufficient volume is collected so that it can be measured and sold via a transport truck, which will also serve as the Facility Measurement Point (FMP) for the oil.

Oil production will be allocated back to each well based on well test. For testing purposes, the facility will be equipped with a 4' x 10' three-phase test separator. This test vessel will be equipped with an oil turbine meter (S/N 65581*), gas orifice meter (S/N 83310T*) and a water turbine meter. All wells have been online for over three years and have established production. They will be individually tested on a monthly basis for allocation purposes. Production allocated to each well will be based on the aforementioned well tests and the amount of hours a well was operating in a given month.

Gas production will be sent from the production and test separators through an orifice meter, which will serve as the gas FMP (S/N 83309*) for the purpose of royalty payment, then sent to sales.

All produced water will be sent to the Red Tank 35 Fed#3 well for disposal.

*The oil and gas meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

Additional Application Components:

The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing well and battery locations.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

The commingling of production is in the interest of conservation and waste and will result in the most effective economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: OXY USA INC.

OPERATOR ADDRESS: PO BOX 4294 HOUSTON, TX 77210

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PLC-217

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.

(4) Measurement type: ☐ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code. RED TANK; DELAWARE, WEST (51689)

(2) Is all production from same source of supply? ☒ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☐ Metering ☒ Other (Specify) Well Tests

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

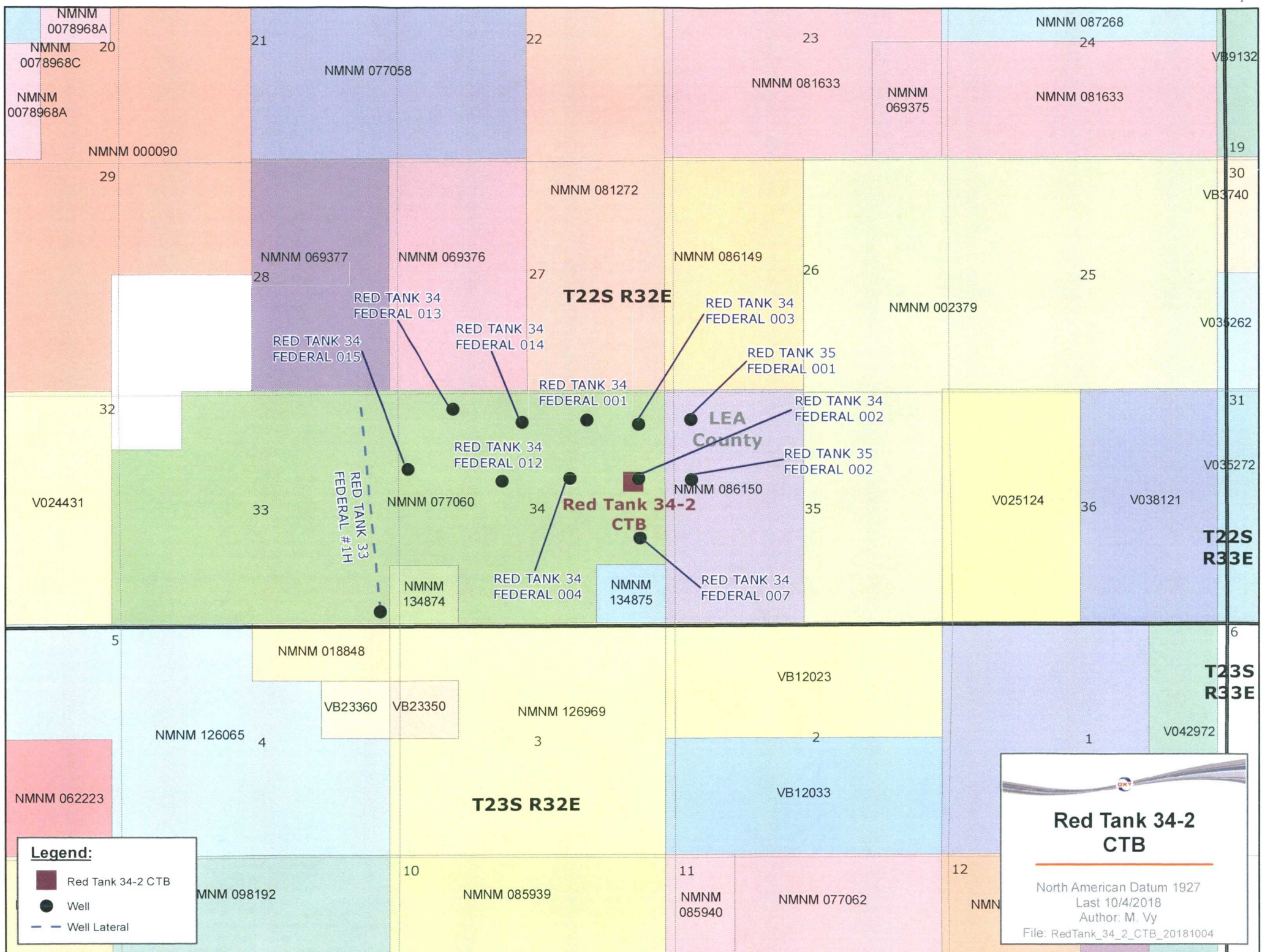
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Kathleen Mowery TITLE: REGULATORY ENGINEER DATE: 12/14/2018

TYPE OR PRINT NAME KATHLEEN MOWERY TELEPHONE NO.: 281-961-9955

E-MAIL ADDRESS: KATHLEEN_MOWERY@OXY.COM





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/ OXY USA INC

A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046

P.O. Box 4294, Houston, Texas 77210-4294

Direct: 713.366.5109

Kathleen_Mowery@oxy.com

December 14, 2018

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Request for Lease Commingling for the Red Tank 34-2 CTB

To Whom It May Concern:

This is to advise you that OXY USA INC is filing an application for surface commingling for the Red Tank 34-2 CTB with the NMOCD and BLM. A copy of the application is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact Kathleen Mowery at (713) 366-5109.

Respectfully,

OXY USA INC

Kathleen Mowery

Regulatory Engineer

Kathleen_Mowery@oxy.com

OWNER NAME	ADDRESS	CITY	STATE	ZIP CODE	TRACKING NUMBERS	MAILING DATE
EXXON COMPANY USA	P O BOX 951027	DALLAS	TX	75395	7018 1830 0000 8832 4935	12.14.2018
ANN MURPHY DAILY TR	PO BOX 2648	ROSWELL	NM	88202	7018 1830 0000 8832 4942	12.14.2018
BALOG FAMILY TRUST	P O BOX 111890	ANCHORAGE	AK	99511	7018 1830 0000 8832 4959	12.14.2018
CENTENNIAL LLC	P O BOX 1837	ROSWELL	NM	88202	7018 1830 0000 8832 4966	12.14.2018
DAVIS,DAWN S	5005 HEATHER	MIDLAND	TX	79705	7018 1830 0000 8832 4973	12.14.2018
DML REV TRUST UTA DTD 1/10/07	P O BOX 3422	MIDLAND	TX	79702	7018 1830 0000 8832 4980	12.14.2018
HUTCHINGS OIL COMPANY	P O BOX 1216	ALBUQUERQUE	NM	87103	7018 1830 0000 8832 4997	12.14.2018
INNOVENTIONS INC	P O BOX 40	CEDAR CREST	NM	87008	7018 1830 0000 8832 5000	12.14.2018
JACK V WALKER REV TR DTD 5-21-81	P O BOX 102256	ANCHORAGE	AK	99510	7018 1830 0000 8832 7516	12.14.2018
JACKS PEAK LLC	PO BOX 294928	KERRVILLE	TX	78029	7018 1830 0000 8832 4829	12.14.2018
KEVIN K LEONARD CHILDS TRUST	P O BOX 50688	MIDLAND	TX	79710	7018 1830 0000 8832 4836	12.14.2018
LAURA ELIZABETH MURPHY TR	PO BOX 2484	ROSWELL	NM	88202	7018 1830 0000 8832 4843	12.14.2018
LEONARD LEGACY ROYALTY LLC	PO BOX 3422	MIDLAND	TX	79702	7018 1830 0000 8832 4850	12.14.2018
LML PROPERTIES LLC	PO BOX 3194	BOULDER	CO	80307	7018 1830 0000 8832 4867	12.14.2018
MARK BERTRAM MURPHY TR	PO BOX 2484	ROSWELL	NM	88202	7018 1830 0000 8832 4874	12.14.2018
MATTHEW BERT MURPHY TR	7 VICTORIA COURT	ROSWELL	NM	88201	7018 1830 0000 8832 4881	12.14.2018
MICHAEL KYLE LEONARD CHILDS TRST	P O BOX 2625	EAGLE PASS	TX	78853	7018 1830 0000 8832 4898	12.14.2018
MITCHELL EXPLORATION	6212 HOMESTEAD BLVD	MIDLAND	TX	79707	7018 1830 0000 8832 4904	12.14.2018
MOLLY M AZOPARDI CHILDS TRUST	P O BOX 620	WIMBERLEY	TX	78676	7018 1830 0000 8832 4911	12.14.2018
MONARCH OIL AND GAS INC	P O BOX 1473	ROSWELL	NM	88202	7018 1830 0000 8832 5093	12.14.2018
MURPHY,A J	P O DRAWER 2648	ROSWELL	NM	88202	7018 1830 0000 8832 5109	12.14.2018
PATRICK LEONARD CHILDS TRUST	P O BOX 700633	SAN ANTONIO	TX	78270	7018 1830 0000 8832 5116	12.14.2018
PERMIAN BASIN INVESTMENT CORP	3515 JOSHUA ST	CARLSBAD	NM	88220	7018 1830 0000 8832 5123	12.14.2018
PERMIAN HUNTER CORPORATION	215 S STATE ST STE 100	SALT LAKE CITY	UT	84111	7018 1830 0000 8832 5130	12.14.2018
QUANTUM EQUITIES	8124 MADDINGLEY AVE	LAS VEGAS	NV	89117	7018 1830 0000 8832 5147	12.14.2018
SCOTT EXPLORATION INC	P O BOX 1834	ROSWELL	NM	88202	7018 1830 0000 8832 5154	12.14.2018
SHANNON C LEONARD CHILDS TRUST	1018 SUNSET CANYON DR N	DRIPPING SPRINGS	TX	78620	7018 1830 0000 8832 5161	12.14.2018
SUSAN S MURPHY MARITAL TRUST	P O BOX 2484	ROSWELL	NM	88202	7018 1830 0000 8832 5178	12.14.2018
WORRALL INVESTMENTS	P O BOX 1834	ROSWELL	NM	88202	7018 1830 0000 8832 5185	12.14.2018

Red Tank 34-2 CTB
Previous 6 Month Production Data

Red Tank 33 Federal 1H - 30-025-41237			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	994	375	13
Apr-2018	824	1446	0
May-2018	597	1560	139
Jun-2018	604	757	3
Jul-2018	613	1955	0
Aug-2018	672	1889	108

Red Tank 34 Federal 1 - 30-025-31720			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	263	75	3031
Apr-2018	333	347	3309
May-2018	258	112	2419
Jun-2018	315	256	3718
Jul-2018	339	471	3501
Aug-2018	172	441	3024

Red Tank 34 Federal 2 - 30-025-31932			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	0	0	0
Apr-2018	0	0	0
May-2018	0	0	0
Jun-2018	0	0	0
Jul-2018	0	0	0
Aug-2018	0	0	0
Sep-2018*	0	174	2764

*Well back online in September 2018.

Red Tank 34 Federal 3 - 30-025-31951			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	286	0	1825
Apr-2018	229	120	1473
May-2018	255	349	1210
Jun-2018	230	861	1474
Jul-2018	345	204	1499
Aug-2018	442	614	1824

Red Tank 34 Federal 4 - 30-025-32136			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	1	2	11
Apr-2018	0	0	0
May-2018	0	0	0
Jun-2018	0	0	0
Jul-2018	0	0	0
Aug-2018	0	0	0
Sep-2018*	78	82	2870

*Well back online in September 2018.

Red Tank 34 Federal 7 - 30-025-35941			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	104	202	1534
Apr-2018	88	578	2178
May-2018	247	268	3277
Jun-2018	222	90	2856
Jul-2018	59	353	1704
Aug-2018	90	209	1769

Red Tank 34 Federal 12 - 30-025-35834			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	163	68	972
Apr-2018	134	0	1302
May-2018	147	0	1534
Jun-2018	120	64	1363
Jul-2018	135	447	1043
Aug-2018	153	339	1463

Red Tank 34 Federal 13 - 30-025-32761			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	340	128	4860
Apr-2018	206	0	5685
May-2018	268	0	6299
Jun-2018	293	177	6169
Jul-2018	292	147	4778
Aug-2018	264	35	3561

Red Tank 34-2 CTB
Previous 6 Month Production Data

Red Tank 34 Federal 14 - 30-025-32655			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	202	114	3308
Apr-2018	195	704	3426
May-2018	150	31	3107
Jun-2018	110	538	1955
Jul-2018	101	244	2926
Aug-2018	212	892	3756

Red Tank 34 Federal 15 - 30-025-32912			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	0	0	0
Apr-2018	0	0	0
May-2018	0	0	0
Jun-2018	0	0	0
Jul-2018	0	0	0
Aug-2018	0	0	0
Sep-2018*	9	41	4498

*Well back online in September 2018.

Red Tank 35 Federal 1 - 30-025-32336			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	0	0	0
Apr-2018	0	0	0
May-2018	0	2	48
Jun-2018	106	0	5722
Jul-2018	116	51	4920
Aug-2018	49	31	3097

Red Tank 35 Federal 2 - 30-025-36372			
Month	Oil (bbls)	Gas (mcf)	Water (bbls)
Mar-2018	71	4	441
Apr-2018	31	0	282
May-2018	42	0	249
Jun-2018	52	57	625
Jul-2018	37	26	920
Aug-2018	24	25	806

District I
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6220
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9220
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

HOBBS OCD

JUN 24 2013

RECEIVED

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

API Number 30-025-41237	Pool Code 51689	Pool Name Undesignated Red Tank Delaware, West
Property Code 39976	Property Name RED TANK "33" FEDERAL	Well Number 1H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3636.6'

Surface Location

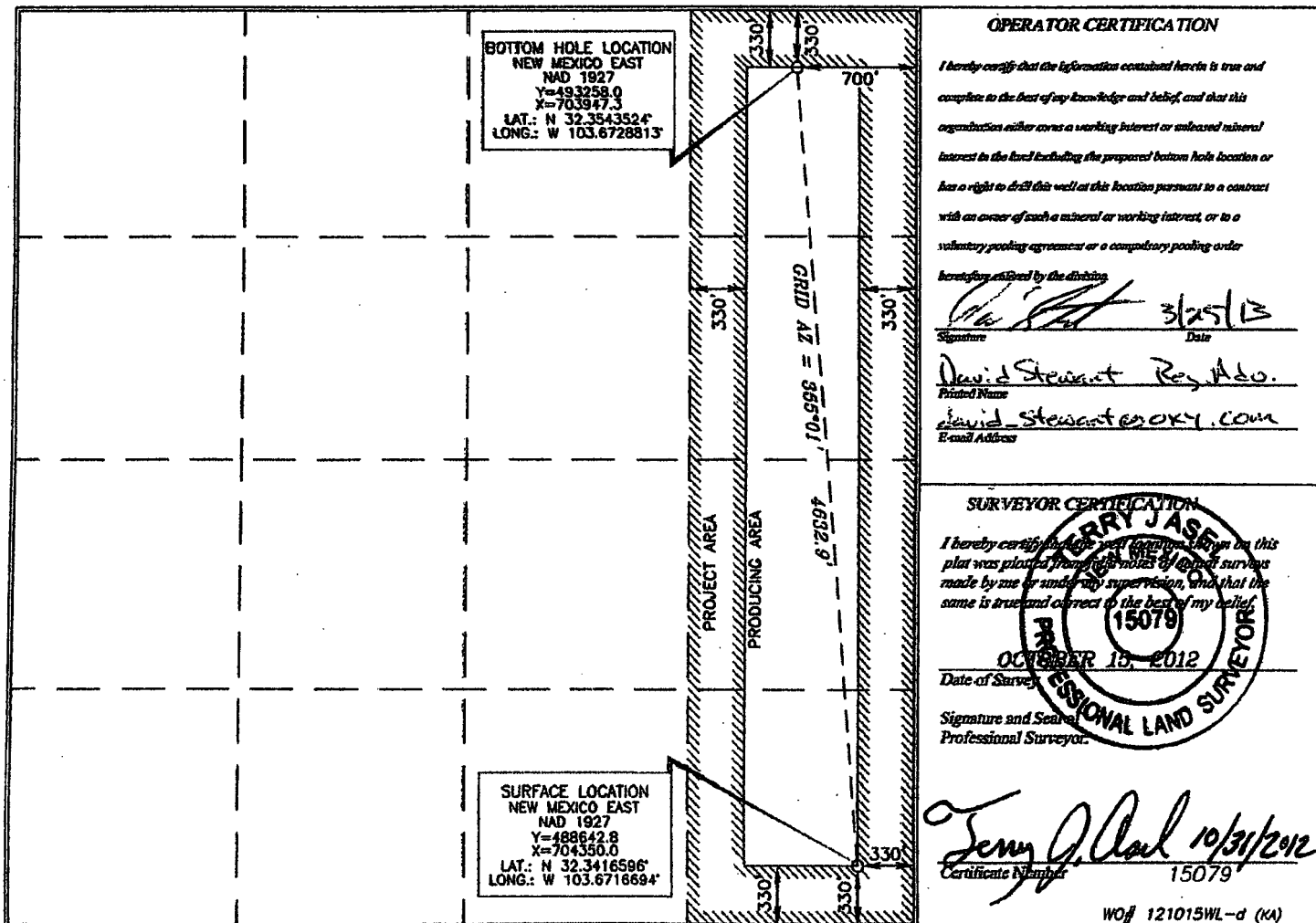
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	33	22 SOUTH	32 EAST, N.M.P.M.		330'	SOUTH	330'	EAST	LEA

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
A	33	22 SOUTH	32 EAST, N.M.P.M.		330'	NORTH	700'	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160	N		

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.



JUN 26 2013

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 Brascos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

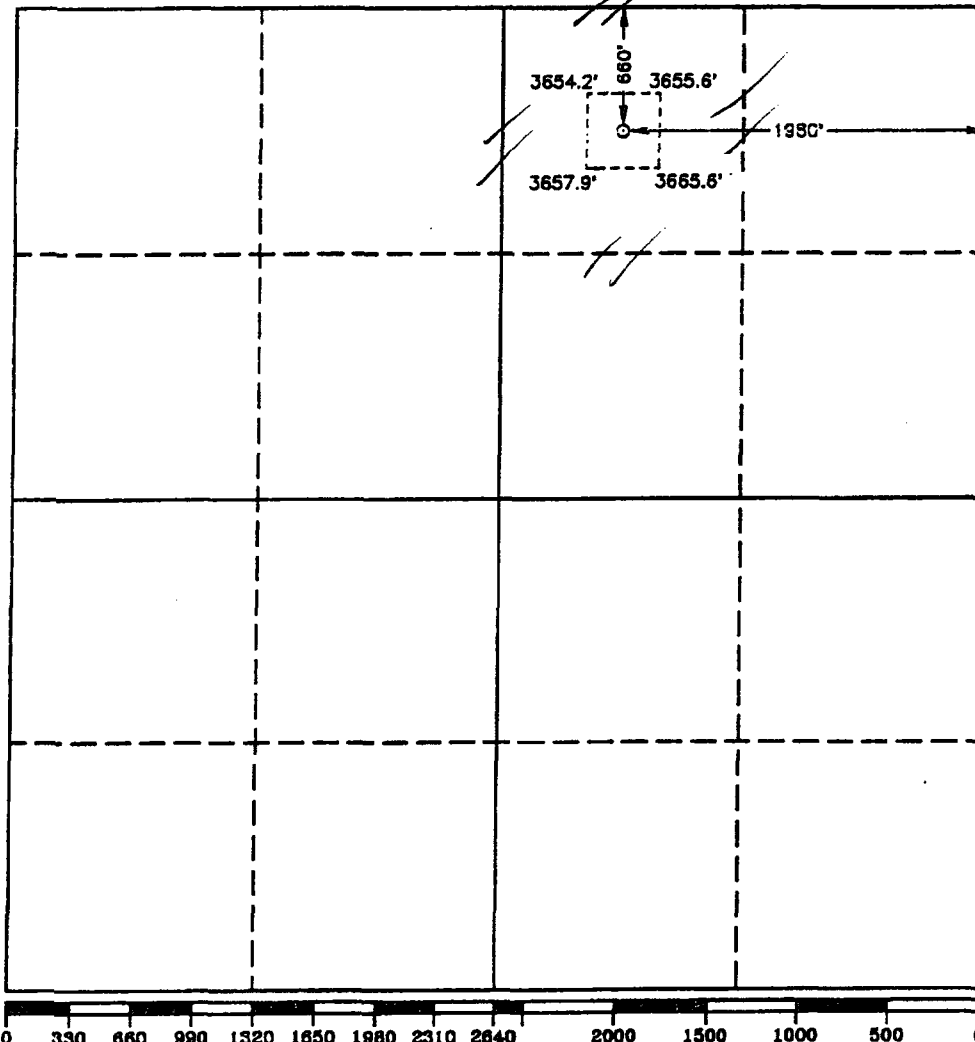
All Distances must be from the outer boundaries of the section

Operator POGO PRODUCING CO.			Lease RT 34 FEDERAL		Well No. 1
Unit Letter B	Section 34	Township 22 SOUTH	Range 32 EAST	County NMPM LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 3654.5'	Producing Formation Delaware	Pool Red Tank Delaware West		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hashure 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 communization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

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

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



OPERATOR CERTIFICATION

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

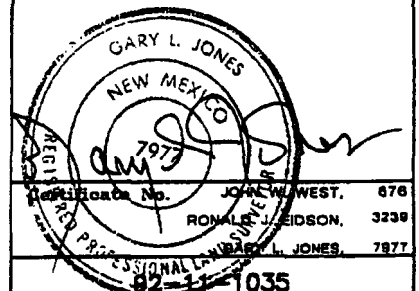
Signature
Barrett L. Smith
Printed Name
Senior Operations Engineer
Position
Pogo Producing Company
Company
04/22/98
Date

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
JULY 23, 1992

Signature & Seal of
Professional Surveyor



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., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator POGO PRODUCING CO.		Lease RED TANK "34"		Well No. 2	
Unit Letter H	Section 34	Township 22 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the EAST line					
Ground Level Elev. 3688.1'	Producing Formation Delaware		Pool West Red Tank Delaware	Dedicated Acreage: 40 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
- No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature

Printed Name

Barrett L. Smith

Position

Senior Operations Eng.

Company

Pogo Producing Company

Date

November 18, 1993

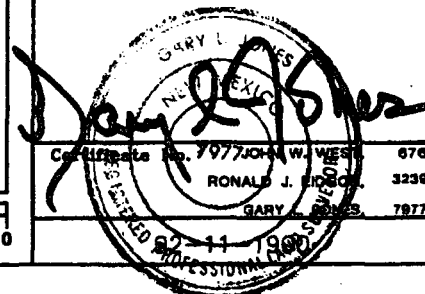
SURVEYOR CERTIFICATION

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.

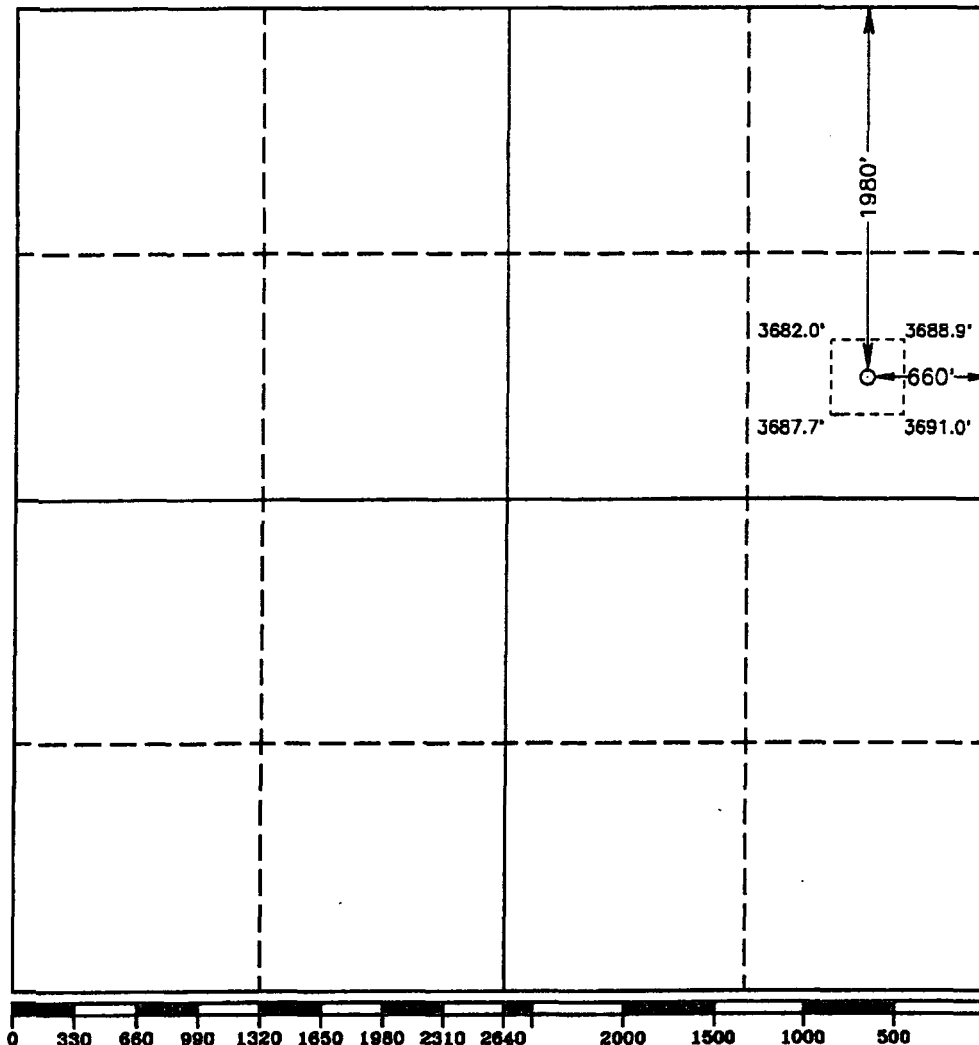
Date Surveyed

DECEMBER 22, 1992

Signature & Seal of
Professional Surveyor



Certificates No. 7977 JOHN W. WEST 676
RONALD J. HEDSON 3239
GARY L. JONES 7977



OIL CONSERVATION DIVISION

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

DISTRICT I

P.O. Box 1990, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

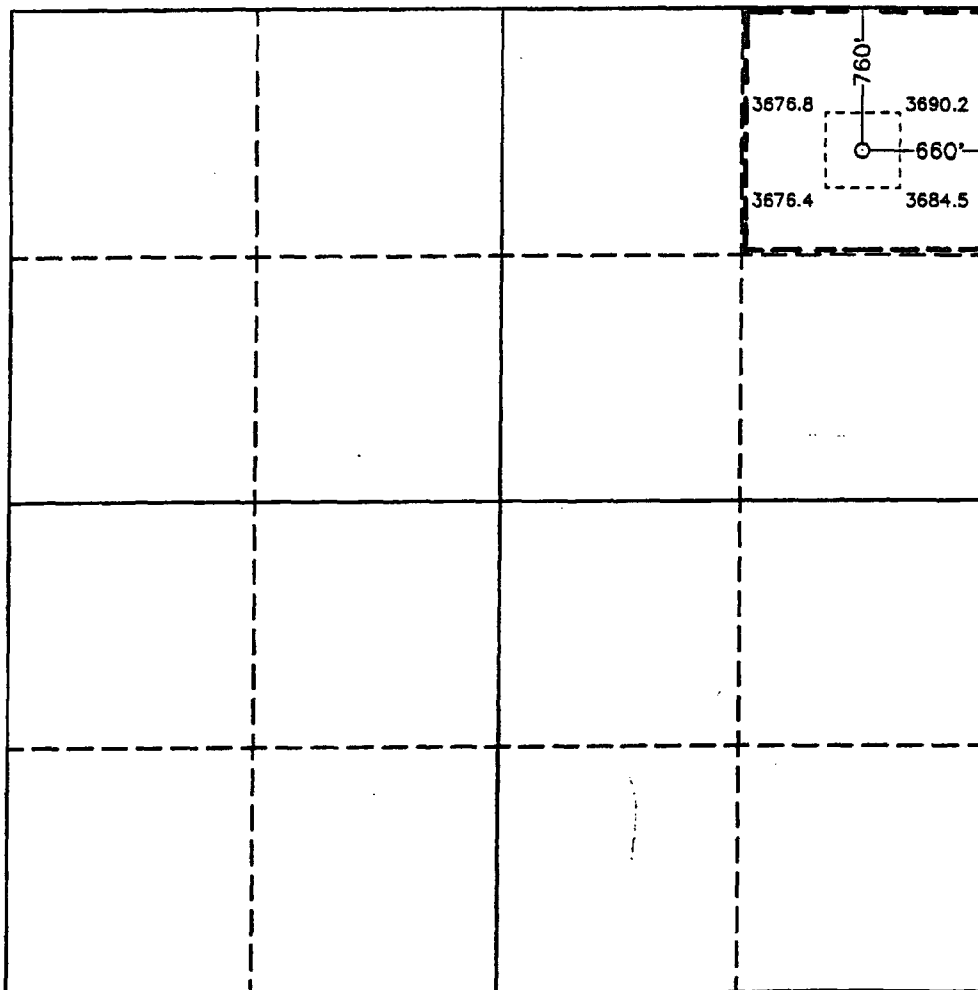
All Distances must be from the outer boundaries of the section

Operator POGO PRODUCING			Lease RED TANK 34 FEDERAL		Well No. 3
Unit Letter A	Section 34	Township 22 SOUTH	Range 32 EAST	NMPM	County LEA
Actual Footage Location of Well: 760 feet from the NORTH line and 660 feet from the EAST line					
Ground Level Elev. 3682.3	Producing Formation BONE SPRINGS	Pool WILDCAT	Dedicated Acreage: 40 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, 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

Richard L. Wright

Position

Division Operations Supr.

Company

POGO PRODUCING COMPANY

Date

February 5, 1993

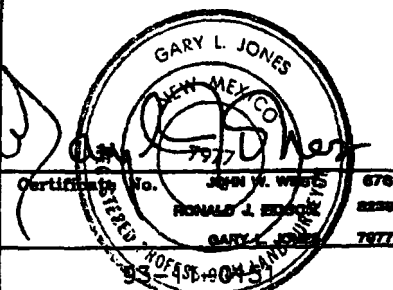
SURVEYOR CERTIFICATION

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

JANUARY 29, 1993

Signature & Seal of
Professional Surveyor



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 POGO PRODUCING CO.			Lease RED TANK "34" FEDERAL		Well No. 4
Unit Letter G	Section 34	Township 22 SOUTH	Range 32 EAST NMPM	County LEA	
Actual Footage Location of Well: 1980 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 3669.7'	Producing Formation BONE SPRINGS		Pool WILDCAT	Dedicated Acreage: 40 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) _____</p> <p>No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
				OPERATOR CERTIFICATION <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
				Signature <i>Richard L. Wright</i>	
				Printed Name Richard L. Wright	
				Position Division Operations Mgr.	
				Company POGO PRODUCING COMPANY	
				Date June 19, 1993	
				SURVEYOR CERTIFICATION <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 knowledge and belief.</p>	
				Date Surveyed JUNE 14, 1993	
				Signature & Seal of Professional Surveyor <i>Daniel J. Jones</i>	
				Certificate No. JOHN W. WEST, 878	
				RONALD J. EIDSON, 3239	
				GARY L. JONES, 7977	
93-11-1047					

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35941		Pool Code 51689	Pool Name Red Tank Delaware West
Property Code 9343	Property Name Red Tank 34 Federal		Well Number 7
OGRID No. 017891	Operator Name Pogo Producing Company		Elevation 3721'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	22S	32E		1980	South	660	East	Lea

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
Dedicated Acres 40		Joint or Infill		Consolidation Code		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

16					<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cathy Wright</i> Signature</p> <p>Cathy Wright Printed Name</p> <p>Sr. Operations Tech Title</p> <p>11/07/03 Date</p>
					<p>18 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 belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35834	Pool Code 51689	Pool Name West Red Tank Delaware
Property Code 9343	Property Name RED TANK 34 FEDERAL	Well Number 12
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	3503' 3658'

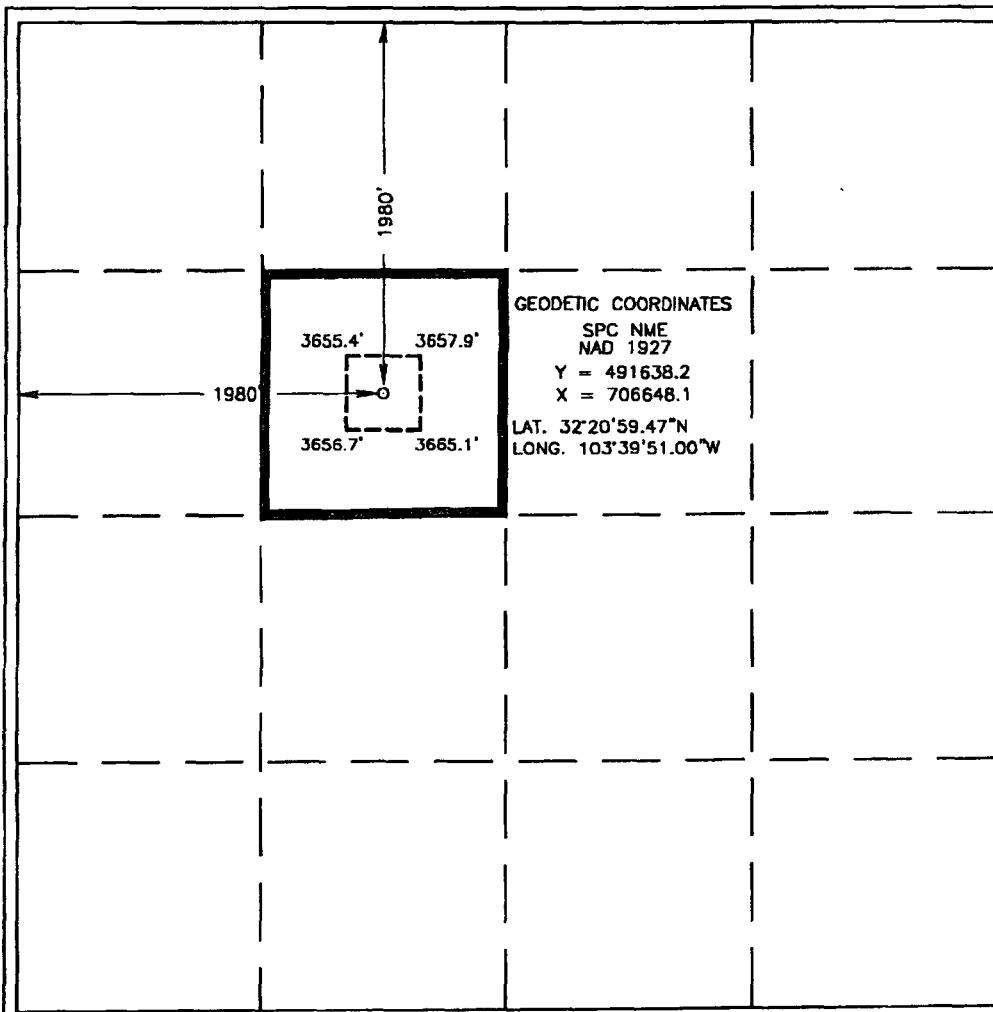
Surface Location

UL or lot No. F	Section 34	Township 22-S	Range 32-E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line WEST	County LEA
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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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.	CONFIDENTIAL					

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>GEODETIC COORDINATES SPC NME NAD 1927 Y = 491638.2 X = 706648.1 LAT. 32°20'59.47"N LONG. 103°39'51.00"W</p>
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cathy Tomberlin</i> Signature</p> <p>Cathy Tomberlin Printed Name</p> <p>Sr. Operation Tech Title</p> <p>05/28/02 Date</p> <p>54567897</p>
	<p>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>DECEMBER 03, 2001</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>RONALD S. EIDSON 12/04/01 81.11.1264</p> <p>Certificate No. RONALD S. EIDSON 3239 GARY EIDSON 12641</p>

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

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

DISTRICT III
1006 Rio Brancos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-32761	Pool Code 51689	Pool Name UNDES. WEST RED TANK DELAWARE
Property Code 9343	Property Name RED TANK 34 FEDERAL	Well Number 13
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3624'

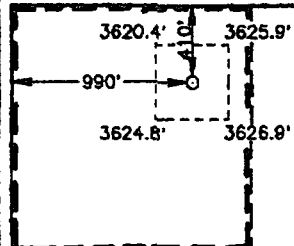

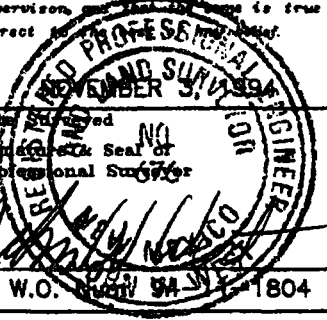
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	22 S	32 E		410	NORTH	990	WEST	LEA

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
Dedicated Acres 40	Joint or Infill N	Consolidation Code	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

			
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Richard L. Wright Printed Name Division Operations Mgr. Title November 8, 1994 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 W.O. 1804			
Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239			