

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

ATS-08-494

FORM APPROVED
OMB NO. 1004-0136
Expires: November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM0417696
1b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator OXY USA Inc.		7. Unit or CA Agreement Name and No
3a. Address P.O. Box 50250 Midland, TX 79710-0250		8. Lease Name and Well No. 304875 Lost Tank 3 Federal #15
3b. Phone No. (include area code) 16696 432-685-5717		9. API Well No. 30-015- 37951 46582
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 2558 FNL 235 FWL SWNW (E) At proposed prod zone 1650 FSL 660 FWL NWSW (L)		10. Field and Pool, or Exploratory Lost Tank Delaware, West
11. Sec. T., R., M., or Blk. and Survey or Area Sec 3 T22S R31E		11. Sec. T., R., M., or Blk. and Survey or Area
14. Distance in miles and direction from nearest town or post office* 20 miles northeast from Loving, NM		12. County or Parish Eddy
15. Distance from proposed* location to nearest property or lease line, ft (Also to nearest drg. unit line, if any) 235'		13. State NM
16. No. of Acres in lease 640		17. Spacing Unit dedicated to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 50'		19. Proposed Depth 8287' 8110' 8350' m 8150' V
20. BLM/BIA Bond No. on file ES0136		21. Estimated duration 45
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3466.7' GL		22. Approximate date work will start* 1/10

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) David Stewart	Date 2/6/09
-------------------	---------------------------------------	----------------

Title

Sr. Regulatory Analyst

Approved by (Signature) 	Name (Printed/Typed) 151 William Merhege	Date 6-11-10
-----------------------------	---	-----------------

Title

Acting STATE DIRECTOR

Office

NM STATE OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon
Conditions of approval, if any, are attached
APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on Reverse)

Carlsbad Controlled Water Basin

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

OCD CONDITION OF APPROVAL of Drilling.
Intent to drill ONLY --- CANNOT produce until the Non-Standard
Location has been approved by OCD Santa Fe office.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL CONDITIONS
ATTACHED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-402
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-37951	Pool Code 96582	Pool Name Lost Tank Delaware, West
Property Code 304875	Property Name LOST TANK 3 FED.	Well Number 15
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3466.7'

Surface Location

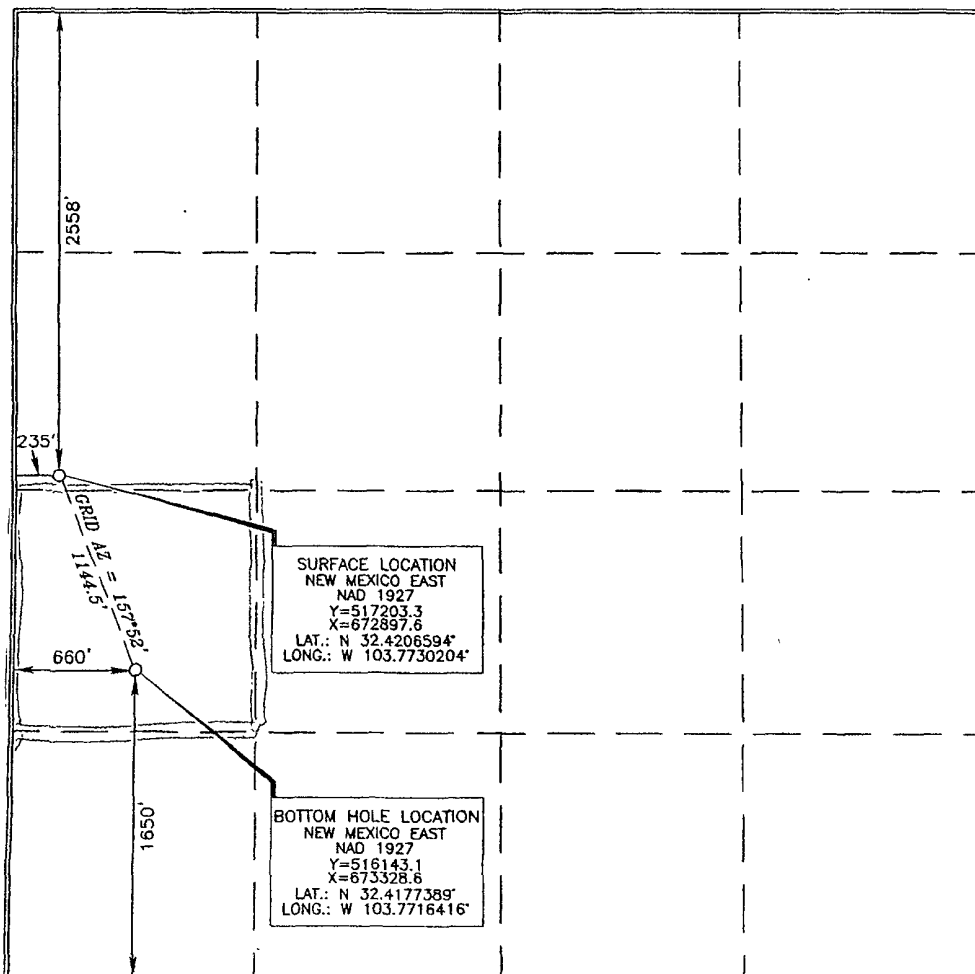
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	3	22 SOUTH	31 EAST, N.M.P.M.		2558'	NORTH	235'	WEST	EDDY

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
L	3	22 SOUTH	31 EAST, N.M.P.M.		1650'	SOUTH	660'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	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.



OPERATOR CERTIFICATION

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.

David Stewart
Signature Date

David Stewart
Printed Name

SURVEYOR CERTIFICATION

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

15079
APRIL 30, 2009
Date of Survey
Signature and Seal of Professional Surveyor

Terry J. Asel
Certificate Number 15079

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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

¹ API Number 30-015 - 37951	² Pool Code 96582	³ Pool Name Lost Tank Delaware, West
⁴ Property Code 304875	⁵ Property Name Lost Tank 3 Federal	⁶ Well Number 15
⁷ OGRID No. 16696	⁸ Operator Name OXY USA Inc.	⁹ Elevation 3466.7'

¹⁰ Surface Location


UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	3	22S	31E		2558	north	235	west	Eddy

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
L	3	22S	31E		1650	South	660	west	Eddy

¹² Dedicated Acres 640	¹³ Joint or Infill Y	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

¹⁶ 4 Lost Tank 4 Federal OXY USA Inc. Conoco Phillips Co.			Lost Tank 3 Federal OXY USA Inc. Conoco Phillips Co.	¹⁷ OPERATOR CERTIFICATION 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.  Signature Date 8/24/10 David Stewart Printed Name Sr. Regulatory Analyst david.stewart@oxy.com
	H		E	
	I		L	
			M	

155
26021
615-B
619-B

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

Date of Survey
Signature and Seal of Professional Surveyor

Certificate Number

Service List – NSL
OXY USA Inc.
Lost Tank 3 Federal #15, 19, 21
Sec 3 T22S R31E

United States Dept of Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220-6292

New Mexico Oil Conservation Division
1301 W. Grand Ave.
Artesia, NM 88210

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Affected Offset Parties:

OXY USA Inc.
P.O. Box 50250
Midland, TX 79710

Conoco Phillips Co.
Attn: Tom Scarbrough
550 Westlake Park Blvd.
Houston, TX 77252-2197



OXY USA Inc.

PO Box 50250
Midland, TX 79710-0250

August 24, 2010

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Conoco Phillips Co.
Attn: Tom Scarbrough
550 Westlake Park Blvd.
Houston, TX 77252-2197

Re: *Application for Administrative Approval of Non-Standard Location –
 Lost Tank Delaware, West
 Lost Tank 3 Federal #15
 Surface/Penetration Point – 2558 FNL 235 FWL Ut E – Sec 3 T22S R31E
 Bottom Hole –1650 FSL 660 FWL Ut L – Sec 3 T22S R31E
 Eddy County, New Mexico*

Ladies and Gentlemen:

Enclosed is a copy of an application, filed with the New Mexico Oil Conservation Division by OXY USA Inc., requesting administrative approval under Rule 104 (F) of an unorthodox well location. As an affected party, notice is being provided to you pursuant to Rule 104 (F). The well is located in the SWNW/4 of Section 3 T22S R31E, Eddy County, NM. If you object to the well's location, you must notify the Division in writing no later than 20 days from the date the application is received by the NMOCD (1220 South St. Francis Drive, Santa Fe, NM 87505; Attention: Richard Ezeanyim).

If you need any additional information, please call me at 432-685-5717.

Sincerely,

A handwritten signature in black ink, appearing to read "David Stewart".

David Stewart
Sr. Regulatory Analyst
OXY USA WTP LP

Attachments



OXY USA Inc.

A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521
P.O. Box 27570, Houston, Texas 77227-7570
Phone 713.215.7000

ConocoPhillips Company
550 Westlake Park Blvd.
Houston, TX 77252-2197
Attention: Tom Scarbrough

RE: **Lost Tank 3 Federal #15**
2,558' FNL & 235' FWL (surface location) (SW NW)
Section 3-22S-31E
1,650' FSL & 660' FWL (bottom hole location) (NW SW)
Section 3-22S-31E
Eddy County, New Mexico

Gentlemen:

The surface location for the Lost Tank 3 Federal #15 well is located in the SW/4 NW/4 of Section 3-22S-31E, Eddy County, NM. The well will be drilled directionally to a bottom hole location in the NW/4 SW/4 of Section 3-22S-31E, Eddy County, NM. The well is at an unorthodox location where it penetrates portions of the Delaware formation.

The well will be drilled vertically to approximately 4,200' at which depth it will penetrate the top of the Delaware formation. The well will then be drilled directionally and penetrate the top of the objective Brushy Canyon A portion of the Delaware formation at a location approximately 1,845' FSL & 595' FWL of Section 3-22S-31E, Eddy County, NM.

OXY is filing an application with the New Mexico Oil Conservation Division (OCD) for administrative approval of this non-standard location (NSL). Your execution of this waiver will facilitate administrative approval of OXY's NSL application. OXY requests that you waive any protest or objection to the NSL for the referenced well.

Your favorable consideration and early reply will be appreciated. Please return a signed copy of this waiver letter to me at the address shown above.

Very truly yours,

OXY USA Inc.

Donna G Havins
Land Negotiator
Dir: (713) 215-7232
Cell: (713) 202-7559
Fax: (713) 985-1818
email: donna_havins@oxy.com

Based on the information provided herein, ConocoPhillips Company hereby waives any protest or objection to the non-standard location of the Lost Tank 3 Federal #15 well.

ConocoPhillips Company

By Robert N. Wiskel

Dated 7-28-10

TJS



Azimuths to Grid North
 True North: -0.30°
 Magnetic North: 7.60°
 Magnetic Field
 Strength: 48920.7snT
 Dip Angle: 60.39°
 Date: 2009/08/28
 Model: IGRF200510



Project: Eddy County, NM
 Site: Lost Tank 3 Federal Pad
 Well: Well #15
 Wellbore: OH
 Plan: Plan #1 (Well #15/OH)

WELL DETAILS: Well #15

Ground Elevation: 3466.70
 RKB Elevation: RKB to MSL @ 3483.20ft (Flex 4)
 Rig Name: Flex 4

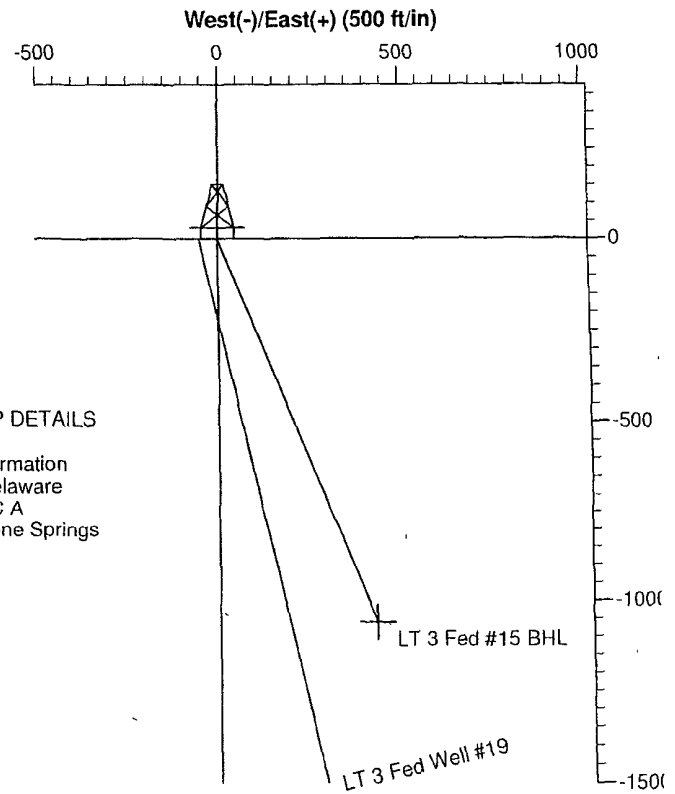
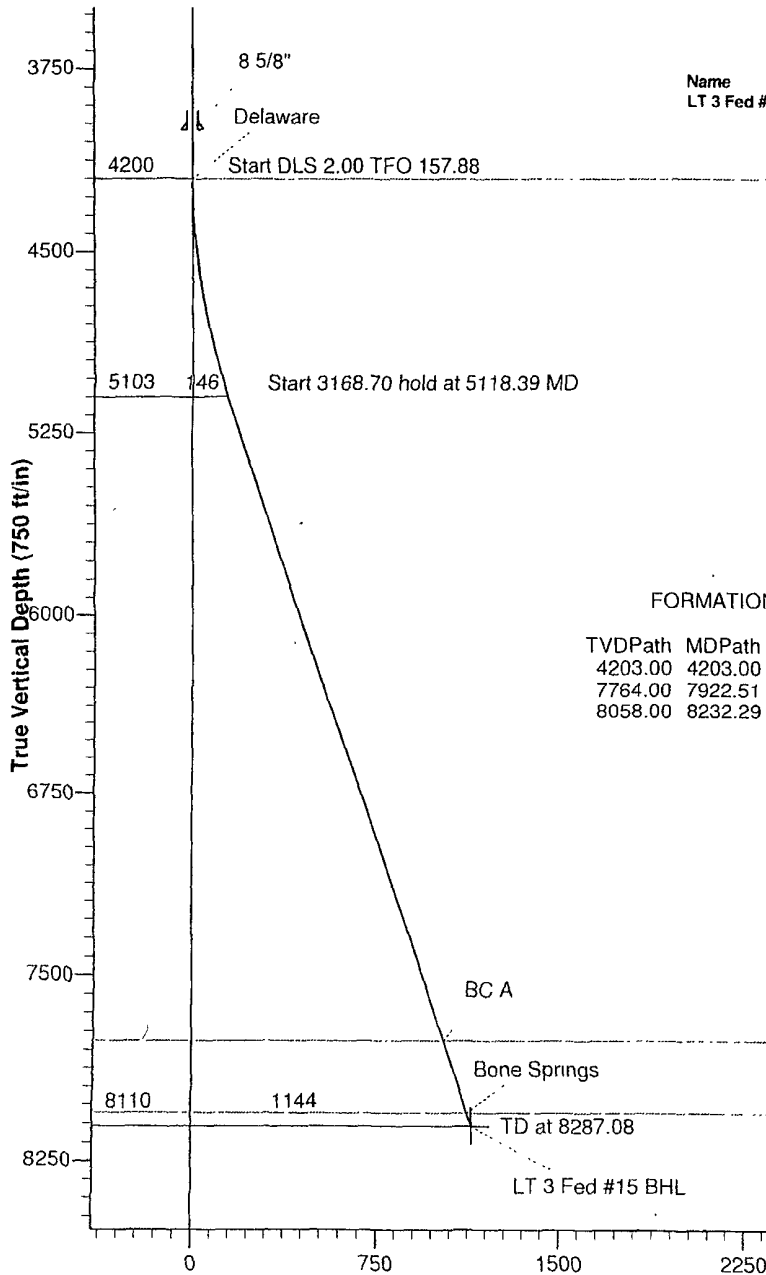
	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slc
	0.00	0.00	517203.30	672897.60	32° 25' 14.37427 N	103° 46' 22.87293 W	
CASING DETAILS							
TVD	MD	Name	Size				
4000.00	4000.00	8 5/8"	8-5/8				

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	
3	5118.39	18.37	157.88	5102.74	-135.21	54.96	2.00	157.88	145.95	
4	8287.08	18.37	157.88	8110.00	-1060.20	431.00	0.00	0.00	1144.46	LT 3 Fed #15 BHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
LT 3 Fed #15 BHL	8110.00	-1060.20	431.00	516143.10	673328.60	Point



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4203.00	4203.00	Delaware
7764.00	7922.51	BC A
8058.00	8232.29	Bone Springs

PROJECT DETAILS: Eddy County, NM
 Geodetic System: US State Plane 1927 (Exact solu)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level
 Local North: Grid

Plan: Plan #1 (Well #15/OH)
 Created By: Kurt OttDate: 8:54, August 28 2009



PathFinder Energy Services
Global X&Y Report



Company:	OXY Permian	Local Co-ordinate Reference:	Well Well #15
Project:	Eddy County, NM	TVD Reference:	RKB to MSL @ 3483.20ft (Flex 4)
Site:	Lost Tank 3 Federal Pad	MD Reference:	RKB to MSL @ 3483 20ft (Flex 4)
Well:	Well #15	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Landmark Network DB

Project:	Eddy County, NM.		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Lost Tank 3 Federal Pad		
Site Position:		Northing:	517,203.00 ft
From:	Map	Easting:	672,847.60 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 25' 14.37390 N
		Longitude:	103° 46' 23.45626 W
		Grid Convergence:	0.30 °

Well:	Well #15					
Well Position	+N/-S	0 00 ft	Northing:	517,203.30 ft	Latitude:	32° 25' 14.37427 N
	+E/-W	0.00 ft	Easting:	672,897.60 ft	Longitude:	103° 46' 22.87293 W
Position Uncertainty		0 00 ft	Wellhead Elevation:	ft	Ground Level:	3,466.70 ft

Wellbore:	OH
-----------	----

Magnetics:	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF200510	2009/08/28	7.90	60.39	48,921

Design:	Plan #1
---------	---------

Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0 00
Vertical Section:	Depth From: (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	157.88

Survey Tool Program		Date 2009/08/28		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
0.00	8,287.08	Plan #1 (OH)	MWD	MWD - Standard



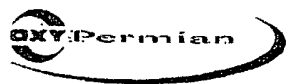
PathFinder Energy Services

Global X&Y Report



Company:	OXY Permian	Local Co-ordinate Reference:	Well Well #15
Project:	Eddy County, NM	TVD Reference:	RKB to MSL @ 3483.20ft (Flex 4)
Site:	Lost Tank 3 Federal Pad	MD Reference:	RKB to MSL @ 3483.20ft (Flex 4)
Well:	Well: #15	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Landmark Network DB

Planned Survey									
MD (ft)	Inc. (°)	Azi (°)	TVD (ft)	TVDSS (ft)	V. Sec (ft)	Northing (ft)	Easting (ft)	DLeg (%/100ft)	
4,200.00	0.00	0.00	4,200.00	-716.80	0.00	517,203.30	672,897.60	0.00	
4,203.00	0.06	157.88	4,203.00	-719.80	0.00	517,203.30	672,897.60	2.00	
Delaware									
4,300.00	2.00	157.88	4,299.98	-816.78	1.75	517,201.68	672,898.26	2.00	
4,400.00	4.00	157.88	4,399.84	-916.64	6.98	517,196.84	672,900.23	2.00	
4,500.00	6.00	157.88	4,499.45	-1,016.25	15.69	517,188.76	672,903.51	2.00	
4,600.00	8.00	157.88	4,598.70	-1,115.50	27.88	517,177.47	672,908.10	2.00	
4,700.00	10.00	157.88	4,697.47	-1,214.27	43.52	517,162.98	672,913.99	2.00	
4,800.00	12.00	157.88	4,795.62	-1,312.42	62.60	517,145.31	672,921.18	2.00	
4,900.00	14.00	157.88	4,893.06	-1,409.86	85.10	517,124.47	672,929.65	2.00	
5,000.00	16.00	157.88	4,989.64	-1,506.44	110.98	517,100.49	672,939.39	2.00	
5,100.00	18.00	157.88	5,085.27	-1,602.07	140.21	517,073.41	672,950.40	2.00	
5,118.39	18.37	157.88	5,102.74	-1,619.54	145.95	517,068.09	672,952.56	2.00	
5,200.00	18.37	157.88	5,180.19	-1,696.99	171.67	517,044.27	672,962.25	0.00	
5,300.00	18.37	157.88	5,275.10	-1,791.90	203.18	517,015.08	672,974.12	0.00	
5,400.00	18.37	157.88	5,370.00	-1,886.80	234.69	516,985.89	672,985.98	0.00	
5,500.00	18.37	157.88	5,464.91	-1,981.71	266.20	516,956.70	672,997.85	0.00	
5,600.00	18.37	157.88	5,559.81	-2,076.61	297.71	516,927.50	673,009.72	0.00	
5,700.00	18.37	157.88	5,654.72	-2,171.52	329.23	516,898.31	673,021.59	0.00	
5,800.00	18.37	157.88	5,749.62	-2,266.42	360.74	516,869.12	673,033.45	0.00	
5,900.00	18.37	157.88	5,844.53	-2,361.33	392.25	516,839.93	673,045.32	0.00	
6,000.00	18.37	157.88	5,939.43	-2,456.23	423.76	516,810.74	673,057.19	0.00	
6,100.00	18.37	157.88	6,034.34	-2,551.14	455.27	516,781.55	673,069.05	0.00	
6,200.00	18.37	157.88	6,129.25	-2,646.05	486.78	516,752.35	673,080.92	0.00	
6,300.00	18.37	157.88	6,224.15	-2,740.95	518.30	516,723.16	673,092.79	0.00	
6,400.00	18.37	157.88	6,319.06	-2,835.86	549.81	516,693.97	673,104.66	0.00	
6,500.00	18.37	157.88	6,413.96	-2,930.76	581.32	516,664.78	673,116.52	0.00	



PathFinder Energy Services

Global X&Y Report



Company:	OXY Permian	Local Co-ordinate Reference:	Well Well #15
Project:	Eddy County, NM	TVD Reference:	RKB to MSL @ 3483.20ft (Flex 4)
Site:	Lost Tank 3 Federal Pad	MD Reference:	RKB to MSL @ 3483 20ft (Flex 4)
Well:	Well #15	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Landmark Network DB

Planned Survey									
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	V. Sec (ft)	Northing (ft)	Easting (ft)	Dleg (%/100ft)	
6,600.00	18.37	157.88	6,508.87	-3,025.67	612.83	516,635.59	673,128.39	0.00	
6,700.00	18.37	157.88	6,603.77	-3,120.57	644.34	516,606.40	673,140.26	0.00	
6,800.00	18.37	157.88	6,698.68	-3,215.48	675.85	516,577.20	673,152.12	0.00	
6,900.00	18.37	157.88	6,793.58	-3,310.38	707.37	516,548.01	673,163.99	0.00	
7,000.00	18.37	157.88	6,888.49	-3,405.29	738.88	516,518.82	673,175.86	0.00	
7,100.00	18.37	157.88	6,983.39	-3,500.19	770.39	516,489.63	673,187.73	0.00	
7,200.00	18.37	157.88	7,078.30	-3,595.10	801.90	516,460.44	673,199.59	0.00	
7,300.00	18.37	157.88	7,173.20	-3,690.00	833.41	516,431.25	673,211.46	0.00	
7,400.00	18.37	157.88	7,268.11	-3,784.91	864.92	516,402.05	673,223.33	0.00	
7,500.00	18.37	157.88	7,363.01	-3,879.81	896.44	516,372.86	673,235.20	0.00	
7,600.00	18.37	157.88	7,457.92	-3,974.72	927.95	516,343.67	673,247.06	0.00	
7,700.00	18.37	157.88	7,552.83	-4,069.63	959.46	516,314.48	673,258.93	0.00	
7,800.00	18.37	157.88	7,647.73	-4,164.53	990.97	516,285.29	673,270.80	0.00	
7,900.00	18.37	157.88	7,742.64	-4,259.44	1,022.48	516,256.10	673,282.66	0.00	
7,922.51	18.37	157.88	7,764.00	-4,280.80	1,029.58	516,249.53	673,285.34	0.00	
BC-A									
8,000.00	18.37	157.88	7,837.54	-4,354.34	1,053.99	516,226.90	673,294.53	0.00	
8,100.00	18.37	157.88	7,932.45	-4,449.25	1,085.50	516,197.71	673,306.40	0.00	
8,200.00	18.37	157.88	8,027.35	-4,544.15	1,117.02	516,168.52	673,318.27	0.00	
8,232.29	18.37	157.88	8,058.00	-4,574.80	1,127.19	516,159.09	673,322.10	0.00	
Bone Springs									
8,287.08	18.37	157.88	8,110.00	-4,626.80	1,144.46	516,143.10	673,328.60	0.00	
LT 3 Fed #15.BHL									



PathFinder Energy Services

Global X&Y Report



Company:	OXY Permian	Local Co-ordinate Reference:	Well Well #15
Project:	Eddy County, NM	TVD Reference:	RKB to MSL @ 3483.20ft (Flex 4)
Site:	Lost Tank 3 Federal Pad	MD Reference:	RKB to MSL @ 3483.20ft (Flex 4)
Well:	Well #15	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	Landmark Network DB

Targets									
Target Name:									
hit/miss target	Dip Angle	Dip Dir	TVD	N/S	E/W	Northing	Easting	Latitude	Longitude
Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
LT 3 Fed #15 BHL	0.00	0.00	8,110.00	-1,060.20	431.00	516,143 10	673,328.60	32° 25' 3.86057 N	03° 46' 17.90984 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth	Vertical Depth		Casing Diameter	Hole Diameter	
(ft)	(ft)		(")	(")	
4,000.00	4,000.00	8 5/8"	8-5/8	12-1/4	

Formations					
Measured Depth	Vertical Depth		Dip	Dip Direction	
(ft)	(ft)		(°)	(°)	
4,203.00	4,203.00	Delaware	0.00		
7,922.51	7,764.00	BC A	0.00		
8,232.29	8,058.00	Bone Springs	0.00		

Checked By: _____ Approved By: _____ Date: _____

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

STATE OF NEW MEXICO
ENERGY & MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
SANTA FE, NM 87505

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
- ☐ Registered ☐ Return Receipt for Merchandise
- ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

7005 0390 0002 9920 7856

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

STATE OF NEW MEXICO
ENERGY & MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
1301 W. GRAND AVE.
ARTESIA, NM 88210

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
- ☐ Registered ☐ Return Receipt for Merchandise
- ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

7005 0390 0002 9920 7863

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BLM
620 E. Greene St.
Carrizosa, NM 88220

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
- ☐ Registered ☐ Return Receipt for Merchandise
- ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

7005 0390 0002 9920 7870

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Conoco Phillips Co.
ATTN: Tom Scarborough
550 Westlake Park Blvd.
Houston TX 77252

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
- ☐ Registered ☐ Return Receipt for Merchandise
- ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

7005 0390 0002 9920 7887

PS Form 3811, February 2004

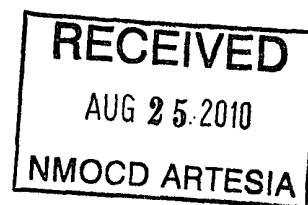
Domestic Return Receipt

102595-02-M-1540



OXY USA Inc.

PO Box 50250
Midland, TX 79710-0250



August 24, 2010

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Attention: Richard Ezeanyim

Re: *Application for Administrative Approval of Non-Standard Location –
Lost Tank Delaware, West
Lost Tank 3 Federal #15
Surface/Penetration Point – 2558 FNL 235 FWL Ut E – Sec 3 T22S R31E
Bottom Hole – 1650 FSL 660 FWL Ut L – Sec 3 T22S R31E
Eddy County, New Mexico*

Dear Mr. Ezeanyim:

OXY USA Inc. respectfully requests administrative approval under Rule 104 (F) of this application for the subject non-standard well location on the Lost Tank 3 Federal #15. The #15 well is proposed in the Delaware with a TVD of 8150'. The kickoff point for the well is at approximately 4200' and the top of the Delaware formation is expected at 4035', which is above the kickoff point. The wellbore will not be orthodox at either the top of the Delaware or when it penetrates the Delaware Brushy Canyon reservoir. The non-standard location is necessary for reasons of potash surface restrictions and topography, as required by the BLM.

The #15 encroaches on the 40-acre spacing units of E,L-Sec 3, H,I-Sec 4 of T23S R31E. All of the interest owners have joined in the drilling of the #3 and waivers have been attached from affected parties.

To support this request, the following information has been submitted for your review:

1. Application for Permit to Drill.
2. NMOCD C-102 Plat for the proposed well with offsetting well and affected spacing units.
3. List of affected offset parties that adjoin the non-standard well and the spacing unit being encroached upon, along with a copy of the certified returned receipts and signed waivers. Copies of the signed certified receipts will be furnished upon request.
4. Proposed Directional Survey

If you need any additional information, please call me at 432-685-5717.

Sincerely,

David Stewart
Sr. Regulatory Analyst
OXY USA Inc.

Attachments

CC: NMOCD-Artesia, BLM-Carlsbad, Service List

Colt