

DATE IN 8.26.10	SUSPENSE	ENGINEER DB.	LOGGED IN 8.26.10	TYPE NSL	APP NO. 1023847903
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ABOVE THIS LINE FOR DIVISION USE ONLY

REC

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



OXY

Lost Tank 3 Fed #15

2010 A1

ADMINISTRATIVE APPLICATION CHECKLIST 30-015-37951

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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☒ Working, ~~Royalty~~ or ~~Overriding Royalty~~ Interest Owners

[B] ☒ Offset Operators, ~~Leaseholders~~ or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or ~~SLO~~
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.~~

David Stewart
 Print or Type Name

David Stewart
 Signature

Sr. Res. Analyst
 Title

8/24/10
 Date

david_stewart@oxy.com
 e-mail Address

OXY USA Inc.
 Lost Tank 3 Fed #15



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

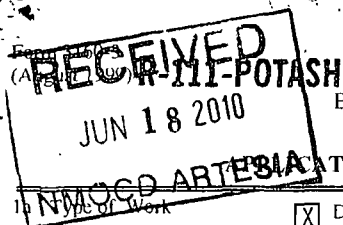
If you need any additional information, please call me at 432-685-5717.

Sincerely,

David Stewart
Sr. Regulatory Analyst
OXY USA Inc.

Attachments

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



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

RM

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work ☒ DRILL ☐ REENTER
1b. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator

OXY USA Inc.

3a. Address

P.O. Box 50250 Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

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)

UNORTHODOX
LOCATION

14. Distance in miles and direction from nearest town or post office*

20 miles northeast from Loving, NM

15. Distance from proposed*
location to nearest
property or lease line, ft
(Also to nearest drg. unit line, if any)

235'

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'
8350' m 8150' V

20. BLM/BIA Bond No. on file

ES0136

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

3466.7' GL

22. Approximate date work will start*

1/10

23. Estimated duration

45

24. Attachments

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

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

25. Signature

Name (Printed/Typed)

David Stewart

Date

2/2/09

Title

Sr. Regulatory Analyst

Approved by (Signature)

151 William Morbey

Name (Printed/Typed)

151 William Morbey

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

Kc

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-102
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'

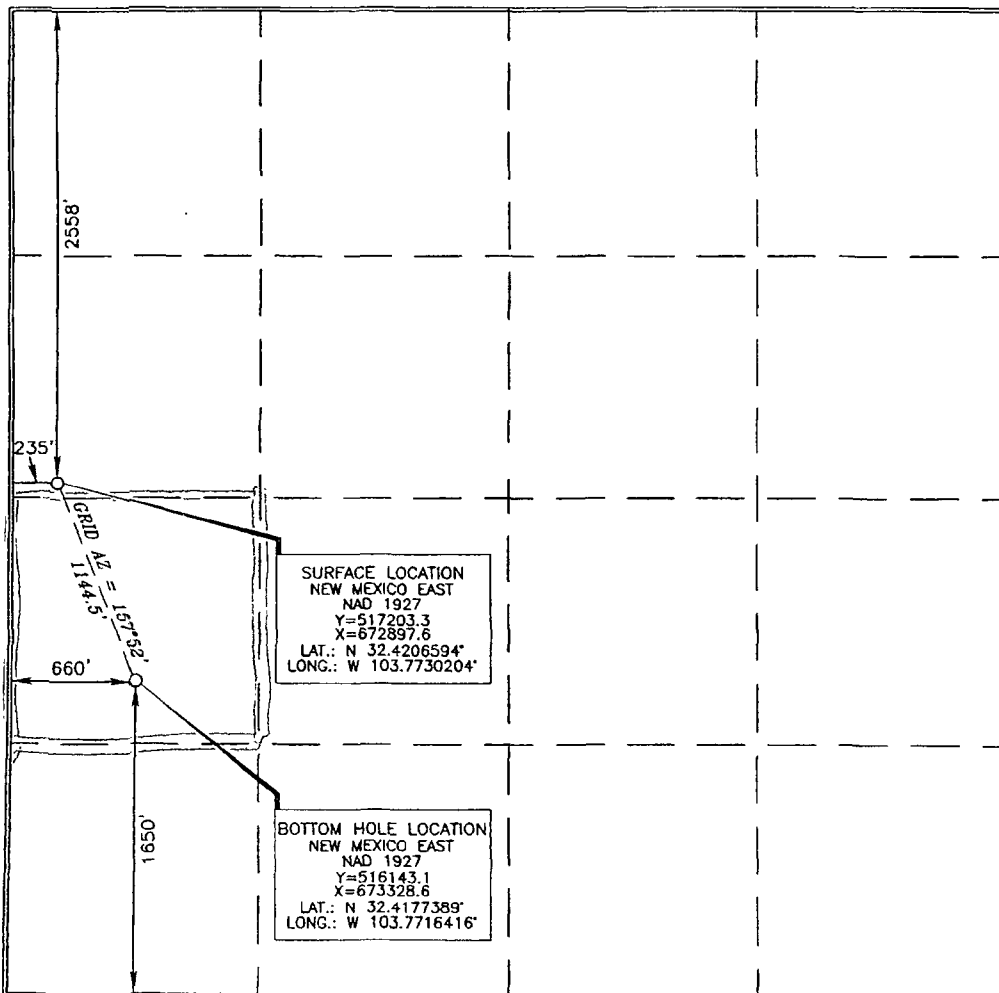
Surface Location

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 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 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 the 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. Noel 3/31/2009
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


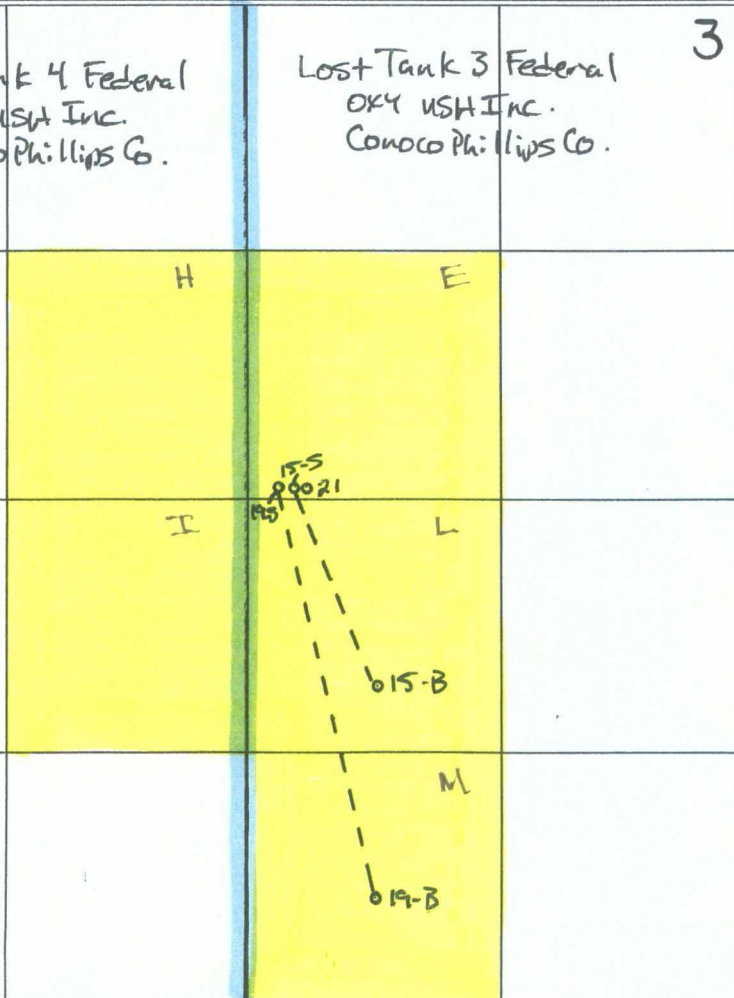
UL or lot no. E	Section 3	Township 22S	Range 31E	Lot. Idn	Feet from the 2553	North/South line north	Feet from the 235	East/West line west	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. L	Section 3	Township 22S	Range 31E	Lot. Idn	Feet from the 1650	North/South line south	Feet from the 660	East/West line west	County Eddy
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¹² Dedicated Acres 640	¹³ Joint or Infill Y	¹⁴ Consolidation Code	¹⁵ Order No.
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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.	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
	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 Surveyer: 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 "D. 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

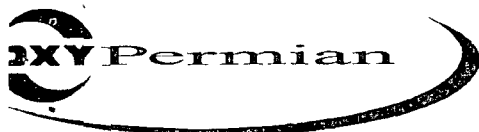
Based on the information provided herein, ConocoPhillips Company hereby waives any protest or objection to the non-standard location of the Lost Tank 3 Federal #15 well.

ConocoPhillips Company

By Robert N. Walsh

Dated 7-28-10

TJS



Azimuths to Grid North
True North: -0.30°
Magnetic North: 7.60°

Magnetic Field
Strength: 48920.7nT
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

TVD	MD	Name	Size
4000.00	4000.00	8 5/8"	8-5/8

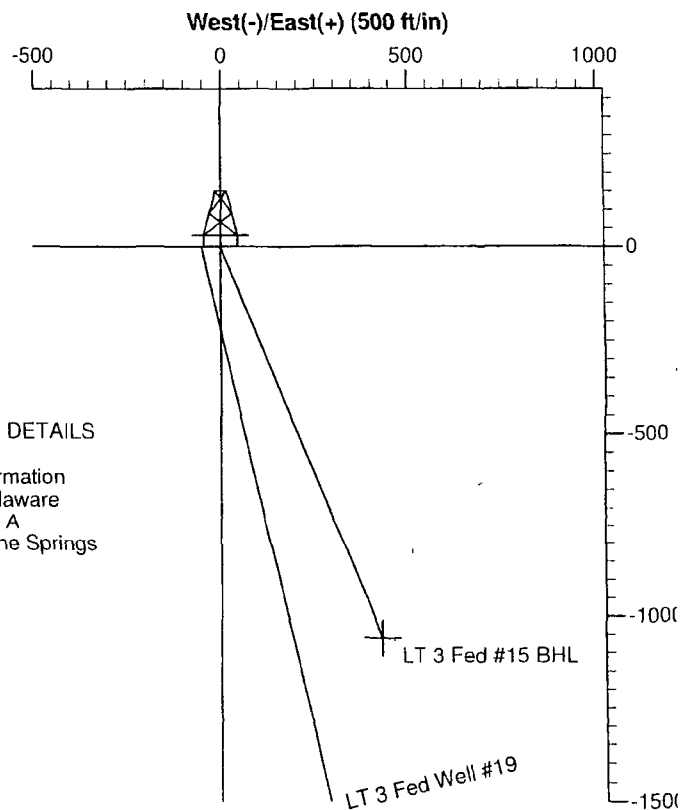
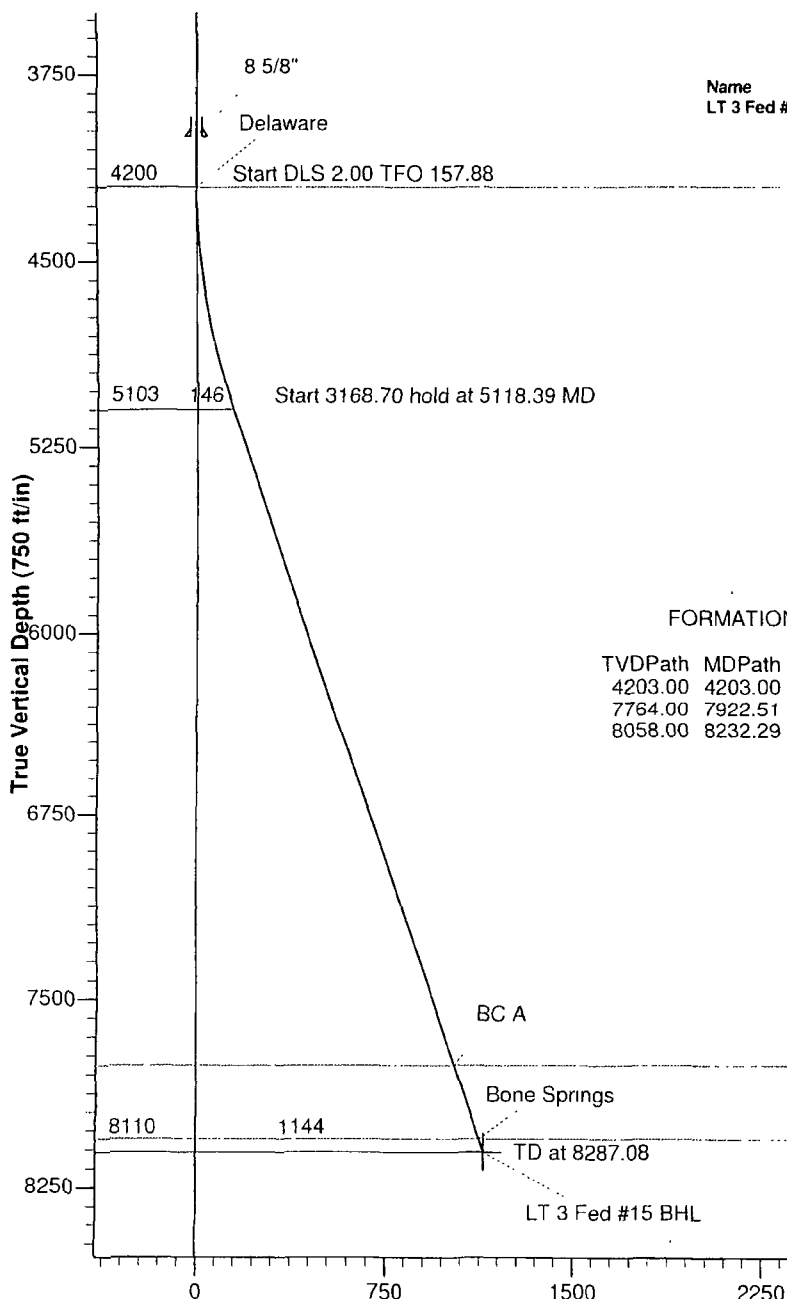
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slc
0.00	0.00	517203.30	672897.60	32° 25' 14.37427 N	103° 46' 22.87293 W	

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 Bt

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



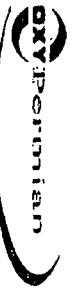
FORMATION TOP DETAILS

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 Permittian	Local Co-ordinate Reference:	Well #15
Project:	Eddy County, NM	IVD 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	System Datum:	Mean Sea Level
Map System:	US State Plane 1927 (Exact solution)		
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

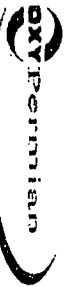
Site:	Lost Tank 3 Federal Pad	Northings:	517,203.00 ft	Latitude:	32° 25' 14.37390 N
Site Position:		Eastings:	672,847.60 ft	Longitude:	103° 46' 23.45626 W
From:	Map	Slot Radius:	"	Grid Convergence:	0.30 °
Position Uncertainty:	0.00 ft				

Well:	Well #15	Northings:	517,203.30 ft	Latitude:	32° 25' 14.37427 N
Well Position	+N/S 0.00 ft	Eastings:	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	Dip Angle:	60.39	Field Strength:	48.921
Magnetics:	Model Name	Sample Date	Dip Angle	Field Strength	
	IGRF200510	2009/08/28	7.90	60.39	48.921

Design:	Plan #1	Phase:	PLAN	Tie On Depth:	0.00
Audit Notes:					
Version:					
Vertical Section:	Depth From (ft)	N/S (ft)	+E/W (ft)	Direction (°)	
	0.00	0.00	0.00	157.88	

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

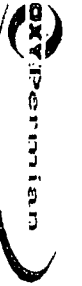


PathFinder Energy Services
Global X&Y Report



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

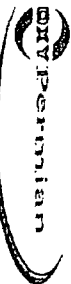
Planned Survey									
MD	Inc.	Azi	TVD	TVDSS	V. Sec	Northing	Easting	D Leg	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(%100ft)	
4,200.00	0.00	0.00	4,200.00	-716.80	0.00	517,203.30	672,897.60	0.00	
4,203.00	0.06	157.88	4,203.00	-719.80	0.00	517,203.30	672,897.60	2.00	
Delaware									
4,300.00	2.00	157.88	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 Permittian		Local Coordinate Reference		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	Inc	Azi	TVD	TVDSS	V. Sec	Northng	Eastng	Dleg
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(°/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 #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

Target Name	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/S (ft)	-E/W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
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									

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

Measured Depth (ft)	Vertical Depth (ft)	Name	Dip (°)	Direction (°)
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 THIS SECTION ON DELIVERY
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature X</p> <p style="text-align: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>STATE OF NEW MEXICO ENERGY & MINERALS DEPARTMENT OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. SANTA FE, NM 87505</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label) <u>7005 0390 0002 9920 7856</u></p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature X</p> <p style="text-align: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>STATE OF NEW MEXICO ENERGY & MINERALS DEPARTMENT OIL CONSERVATION DIVISION 1301 W. GRAND AVE. ARTESIA, NM 88210</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label) <u>7005 0390 0002 9920 7863</u></p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature X</p> <p style="text-align: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>BLM 620 E. Greene St. Culbabad, NM 88220</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label) <u>7005 0390 0002 9920 7870</u></p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature X</p> <p style="text-align: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) _____ C. Date of Delivery _____</p>
<p>1. Article Addressed to:</p> <p>Conoco Phillips Co. ATTN: Tom Scarborough 550 Westlake Park Blvd. Houston TX 77252</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label) <u>7005 0390 0002 9920 7887</u></p>	
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

ATTN: David Brooks - 505-476-3462

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 30-015-37952	Pool Code 96582	Pool Name LOST TANK DELAWARE, WEST
Property Code 304875	Property Name LOST TANK 3 FEDERAL	Well Number 19
OCRID No. 16696	Operator Name OXY USA INC.	Elevation

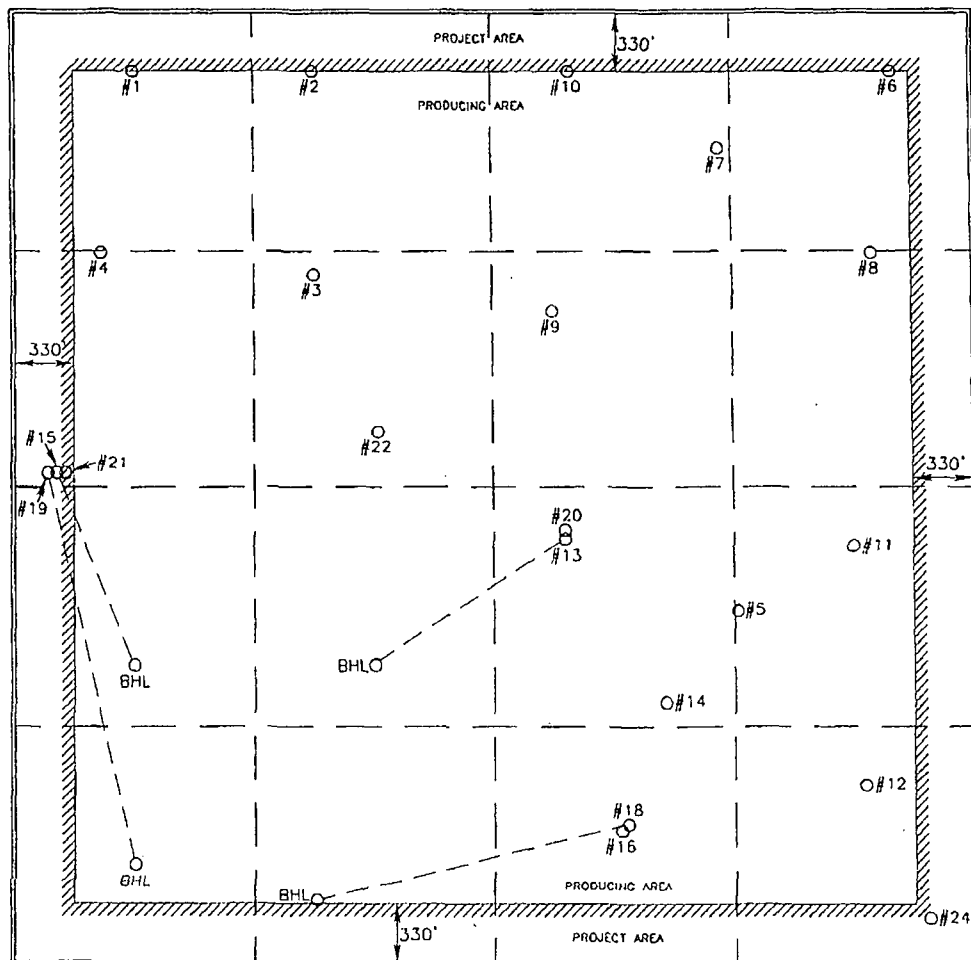
Surface Location

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	185	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
M	3	22S	31E		549	south	661	west	Eddy
Dedicated Acres 640	Joint or Infill Y	Consolidation Code	Order No. NSL						

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 8/23/10
Signature Date

David Stewart
Printed Name
david_stewart@oxy.com

SURVEYOR CERTIFICATION

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

Surveyor Seal
15079
AUGUST 3, 2010
Date of Survey
Signature and Seal of Professional Surveyor
Surveyor 8/4/2010
Certificate Number 15079

WO# Lost Tank 3 Fed. (KA)