

NSL-7721

Revised March 23, 2017

RECEIVED: 5/4/18	REVIEWER: LRL	TYPE: NSL	APP NO: PLK 1813850484
------------------	---------------	-----------	------------------------

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: OXY USA Inc. **OGRID Number:** 16696
Well Name: Platinum MDP1 34-3 Federal Com 2H **API:** 30-015-pending
Pool: Ingle Wells; Bone Spring **Pool Code:** 33740

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

MAY 04 2018 PM 03:41

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**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ 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.

5/2/2018

Date

432-699-4318

Phone Number

Sarah_mitchell@oxy.com

e-mail Address

Sarah Mitchell

Print or Type Name

Signature



OXY USA Inc

PO Box 50250
Midland, TX 79710-0250

May 2, 2018

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

Attention: Leonard Lowe

Re: *Application for Administrative Approval of Non-Standard Location
Platinum MDP1 34-3 Federal Com #2H – Ingle Wells; Bone Spring
Surface – 400 FNL 802 FWL Unit D Sec 34 T23S R31E
Top Perforation – 340 FNL 1260 FWL Unit D Sec 34 T23S R31E
Bottom Perforation – 340 FSL 1260 FWL Unit M Sec 3 T24S R31E
Bottom Hole – 180 FSL 1260 FWL Unit M Sec 3 T24S R31E
Eddy County, New Mexico*

Dear Mr. Lowe:

OXY USA Inc. respectfully requests administrative approval of a non-standard location on the Platinum MDP 34-3 Federal Com #2H well, API Number-30-015-pending, Property Code pending. The #2H well is proposed to be completed in the Ingle Wells; Bone Spring pool, Pool Code 33740. This will be a horizontal well in a pool with no special rules for setback, so the setback requirements under Rule 19.15.15.9 (A) and 19.15.16.15 (B) would apply. The proposed producing interval is outside of the proposed Producing Area but within the proposed Project Area and will be drilled as follows:

Surface – 400 FNL 802 FWL Unit D Sec 34 T23S R31E
Top Perforation – 340 FNL 1260 FWL Unit D Sec 34 T23S R31E
Bottom Perforation – 340 FSL 1260 FWL Unit M Sec 3 T24S R31E
Bottom Hole – 180 FSL 1260 FWL Unit M Sec 3 T24S R31E

The adjoining spacing units towards which the unorthodox location encroaches are located in T23S R31E, Section 27- Unit N, Section 34–Units C, F, K, N, and T24S-R31E Section 10- Unit C.

Approval of the unorthodox producing interval will allow for efficient spacing of horizontal wells and thereby prevent waste.

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

1. Application for Permit to Drill.
2. C-102 Plat for the proposed well and additional plats with offsetting well and affected spacing units.
3. List of affected offset parties that adjoin the non-standard, copies of the signed certified return receipts will be furnished upon request.
4. Proposed Directional Survey
5. Statement from Oxy Production Engineer

If you need any additional information, please call me at 432-699-4318.

Sincerely,

Sarah Mitchell
Regulatory Advisor
OXY USA Inc.

Attachments

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



OXY USA Inc.

**PO Box 50250
Midland, TX 79710-0250**

May 2, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

**Re: *Application for Administrative Approval of Non-Standard Location
Platinum MDP1 34-3 Federal Com #2H – Ingle Wells; Bone Spring
Surface – 400 FNL 802 FWL Unit D Sec 34 T23S R31E
Top Perforation – 340 FNL 1260 FWL Unit D Sec 34 T23S R31E
Bottom Perforation – 340 FSL 1260 FWL Unit M Sec 3 T24S R31E
Bottom Hole –180 FSL 1260 FWL Unit M Sec 3 T24S 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 for a non-standard location. As an affected party, notice is being provided to you pursuant to Rule 19.15.15.9 (A) and 19.15.16.15 (B). The well is located as follows:

**Surface – 400 FNL 802 FWL Unit D Sec 34 T23S R31E
Top Perforation – 340 FNL 1260 FWL Unit D Sec 34 T23S R31E
Bottom Perforation – 340 FSL 1260 FWL Unit M Sec 3 T24S R31E
Bottom Hole –180 FSL 1260 FWL Unit M Sec 3 T24S R31E
Eddy County, New Mexico**

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 NMOC (1220 South St. Francis Drive, Santa Fe, NM 87505; Attention: Leonard Lowe).

If you need any additional information, you can contact John Schneider, CPL at 713-366-5330 or myself at 432-699-4318.

Sincerely,


Sarah Mitchell
Regulatory Advisor
OXY USA Inc.

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

1a. Type of work: ☒ DRILL ☐ REENTER		5. Lease Serial No. NMNMD43744
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator OXY USA INCORPORATED		7. If Unit or CA Agreement, Name and No.
3a. Address 5 Greenway Plaza, Suite 110 Houston TX 770	3b. Phone No. (include area code) (713)366-5716	8. Lease Name and Well No. PLATINUM MDP1 34-3 FEDERAL 2H
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWNW / 400 FNL / 802 FWL / LAT 32.2670841 / LONG -103.7716121 At proposed prod. zone SWSW / 180 FSL / 1260 FWL / LAT 32.239629 / LONG -103.7701526		9. API Well No.
14. Distance in miles and direction from nearest town or post office* 8 miles		10. Field and Pool, or Exploratory INGLE WELLS BONE SPRING / BONE :
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 50 feet	16. No. of acres in lease 640	11. Sec., T. R. M. or Blk. and Survey or Area SEC 34 / T23S / R31E / NMP
17. Spacing Unit dedicated to this well 320	18. Distance from proposed location* to nearest well, drilling, completed, 35 feet applied for, on this lease, ft.	12. County or Parish EDDY
19. Proposed Depth 10064 feet / 20205 feet	20. BLM/BIA Bond No. on file FED: ESB000226	13. State NM
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3419 feet	22. Approximate date work will start* 12/15/2018	23. Estimated duration 20 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature (Electronic Submission)	Name (Printed/Typed) David Stewart / Ph: (713)366-5716	Date 04/19/2018
Title Sr. Regulatory Advisor		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office CARLSBAD	

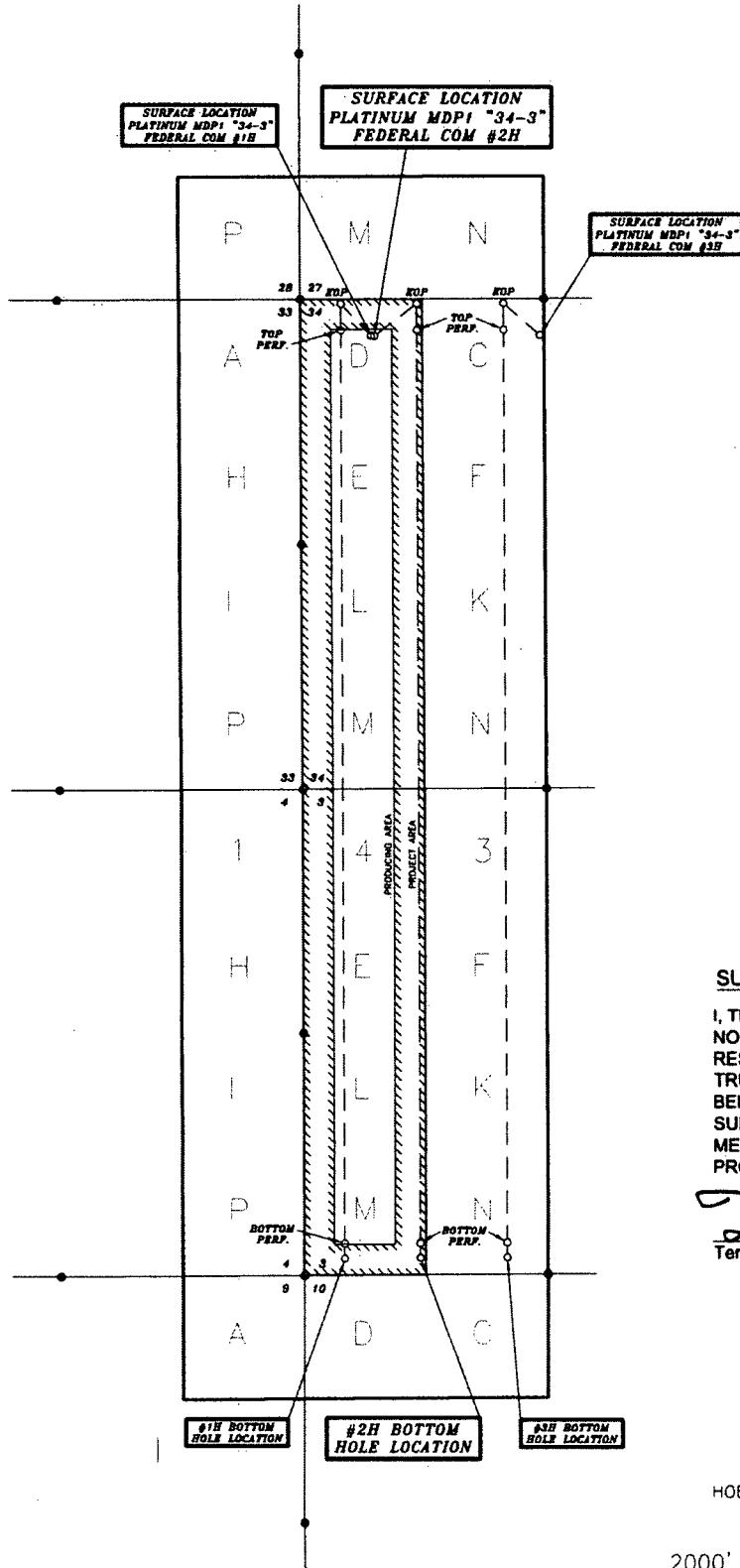
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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.

(Continued on page 2)

*(Instructions on page 2)

OXY USA INC.
 PLATINUM MDP1 "34-3" FEDERAL COM #2H
 SECTIONS 27, 28, 33 & 34, T23S, R31E AND
 SECTIONS 3, 4, 9 & 10, T24S, R31E,
 N.M.P.M., EDDY COUNTY, NEW MEXICO



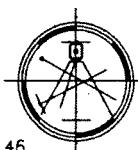
SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 4/25/2016
 Terry J. Asel N.M. R.P.L.S. No. 15079

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
 HOBBS, NEW MEXICO - 575-393-9146



2000' 0 2000' 4000' FEET
 SCALE: 1"=2000'

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

State of New Mexico
Energy, Minerals & 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 30-015-	Pool Code 33740	Pool Name Jugle Wells Bone Spring
Property Code	Property Name PLATINUM MDP1 "34-3" FEDERAL COM	Well Number 2H
GRID No. 16696	Operator Name OXY USA INC.	Elevation 3418.8'

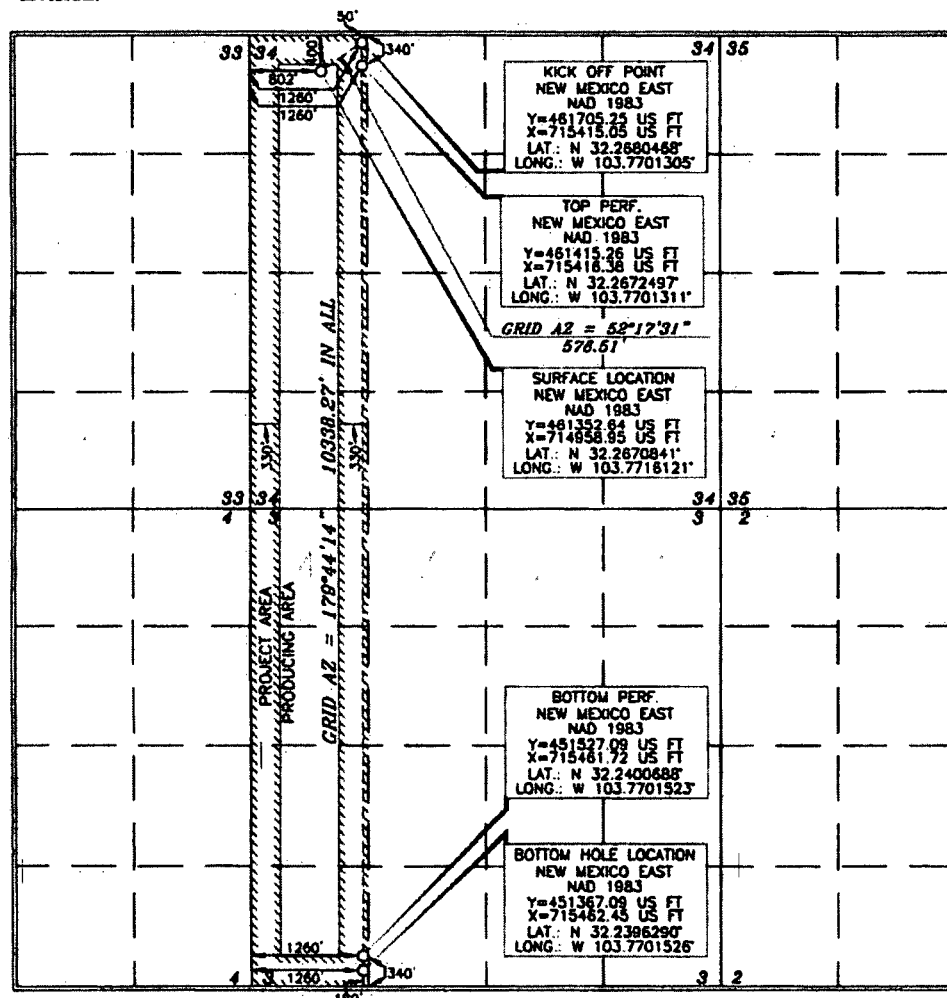
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23 SOUTH	31 EAST, N.M.P.M.		400'	NORTH	802'	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	24 SOUTH	31 EAST, N.M.P.M.		180'	SOUTH	1260'	WEST	EDDY
Dedicated Acres 320	Joint or Infill Y	Consolidation Code	Order No. NSL will be filed						

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 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: *David Stewart* Date: **4/17/13**
Printed Name: **David Stewart**
E-mail Address: **david_stewart@oxy.com**

SURVEYOR CERTIFICATION

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

Signature: *ERRY J ASE* Date of Survey: **JANUARY 29, 2013**
Professional Surveyor: **15079**

Signature: *Terry J. ASE* Certificate Number: **15079**

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

State of New Mexico
Energy, Minerals & 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 30-015-	Pool Code 33740	Pool Name Ingle Wells Bone Springs
Property Code	Property Name PLATINUM MDP1 "34-3" FEDERAL COM	Well Number 1H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3418.0'

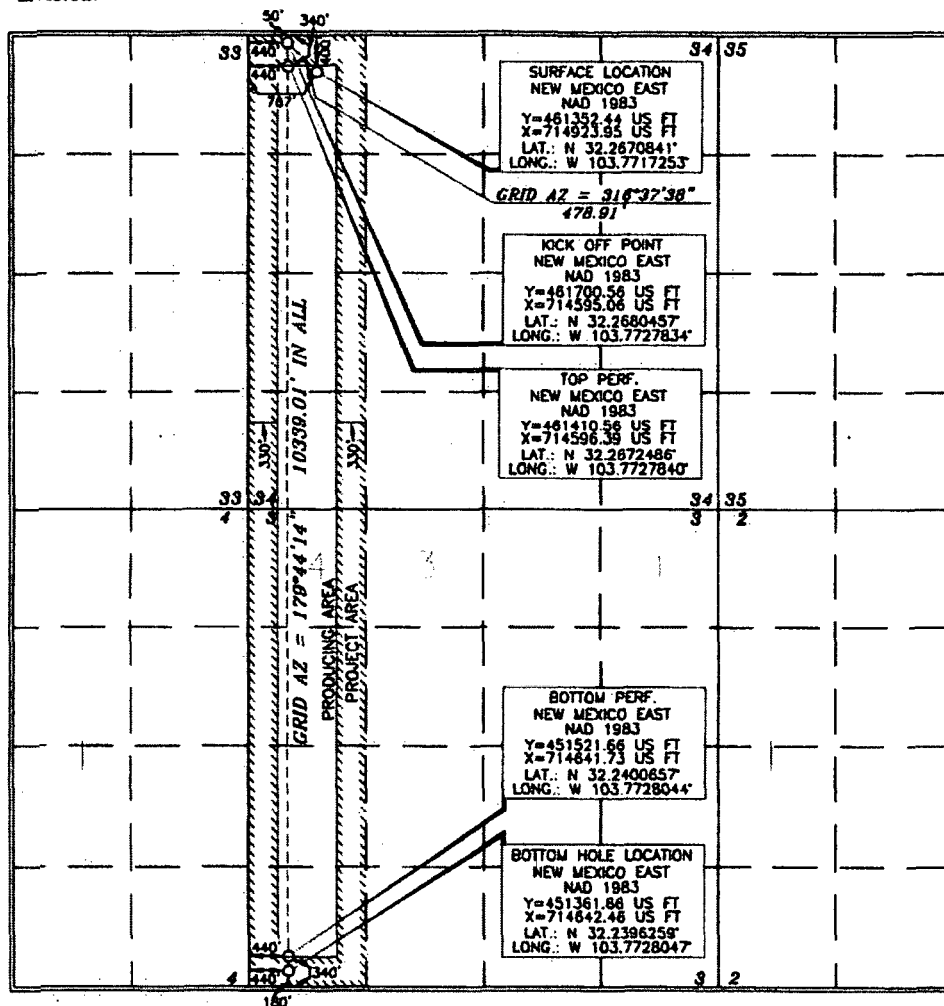
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23 SOUTH	31 EAST, N.M.P.M.		400'	NORTH	767'	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	24 SOUTH	31 EAST, N.M.P.M.		180'	SOUTH	440'	WEST	EDDY
Dedicated Acres 320	Joint or Infill Y	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 undivided 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: David Stewart Date: 4/17/13
Printed Name: David Stewart
E-mail Address: david.stewart@oxy.com

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from the following professional 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: JANUARY 25, 2013
Signature and Seal of Professional Land Surveyor: [Signature]
Certificate Number: 15079

WOP 180125WL-c (NA)

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

State of New Mexico
Energy, Minerals & 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 30-015-	Pool Code 33740	Pool Name Ingle Wells Bone Springs
Property Code	Property Name PLATINUM MDP1 "34-3" FEDERAL COM	Well Number 3H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3427.6'

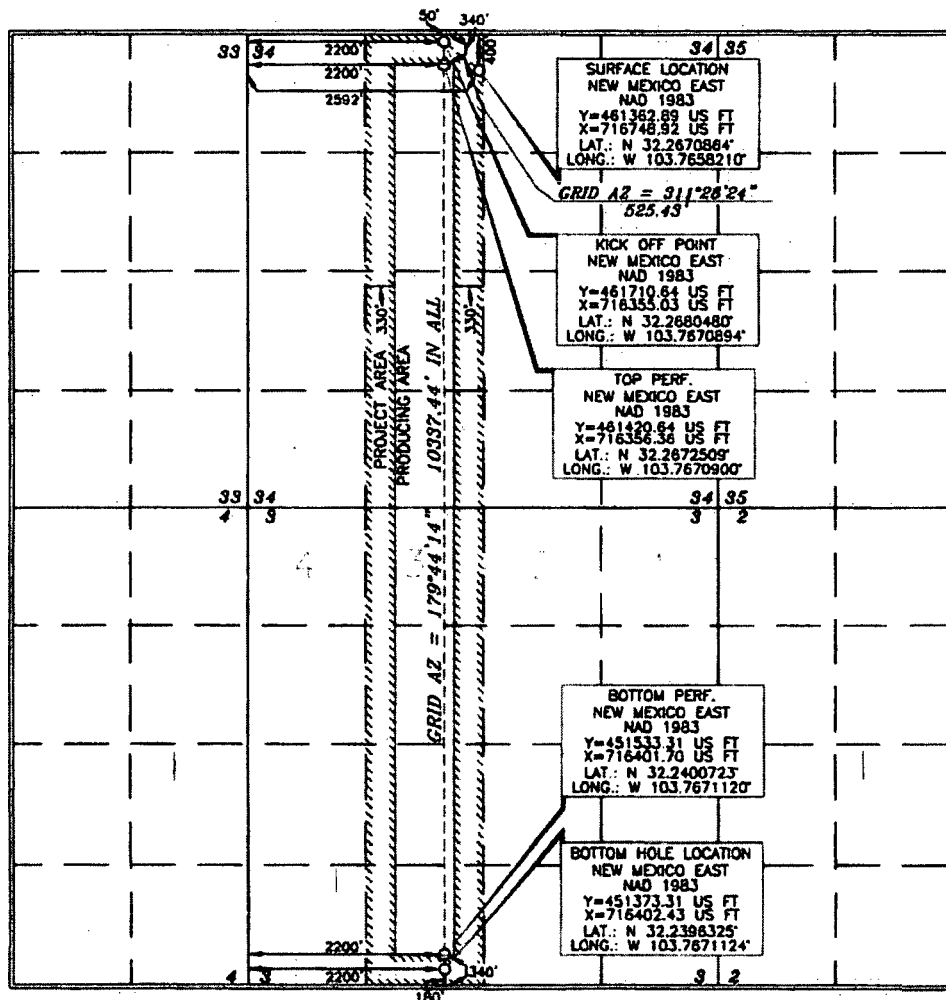
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	34	23 SOUTH	31 EAST, N.M.P.M.		400'	NORTH	2592'	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
N	3	24 SOUTH	31 EAST, N.M.P.M.		180'	SOUTH	2200'	WEST	EDDY
Dedicated Acres 320	Joint or Infill Y	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 undivided 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: David Stewart Date: 4/18/13
Printed Name: David Stewart
E-mail Address: david_stewart@oxy.com

SURVEYOR CERTIFICATION

I hereby certify that the information shown on this plat was obtained from a survey 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: JANUARY 15, 2013
Signature and Seal: Tommy J. As...
Professional Surveyor

Certificate Number: 15079

Application Non-Standard Location - Service List

1

OXY USA Inc.

Platinum MDP1 34-3 Federal Com 2H

New Mexico Oil Conservation Division
811 S. First St.
Artesia, NM 88210
7017-0190-0000-4588-2341

New Mexico State Land Office
P. O. Box 1148
Santa Fe, NM 87504
7017-0190-0000-4588-2358

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
7017-0190-0000-4588-2365

United States Dept of Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220
7017-0190-0000-4588-2372

T23S-R31E

Section 27: Unit N ✓

Devon Energy Production Company, LP-100%
20 N. Broadway
Oklahoma City, OK 73102
7017-0190-0000-4588-2419

Section 34: Units C, D, E, F, K, L, M, N ✓

OXY USA Inc.- 100%
P.O. Box 50250
Midland, Texas 79710

T24S-R31E

Section 3: Units 3, D, E, F, K, L, M, N ✓

Section 10: Unit C ✓

OXY USA Inc.- 100%
P.O. Box 50250
Midland, Texas 79710

Copies of this application were mailed to the following individuals, companies and organizations on or before
02-May-2018



Sarah Mitchell
OXY USA Inc.



Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

WELL DETAILS: PLATINUM MDP1 34-3 FED COM 3H

+N/-S
0.00

+E/-W
0.00

Northing
461362.89

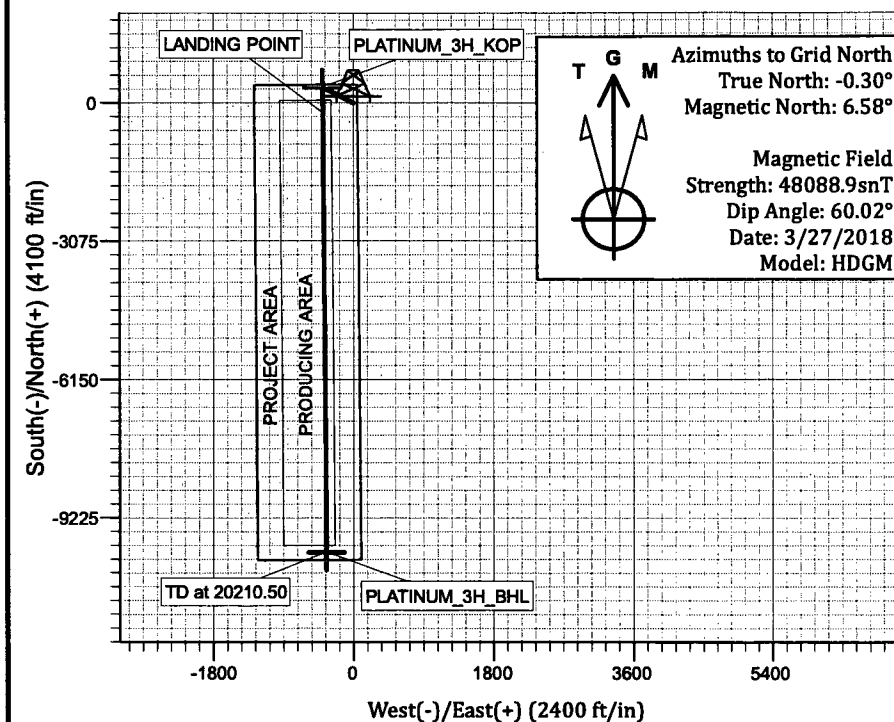
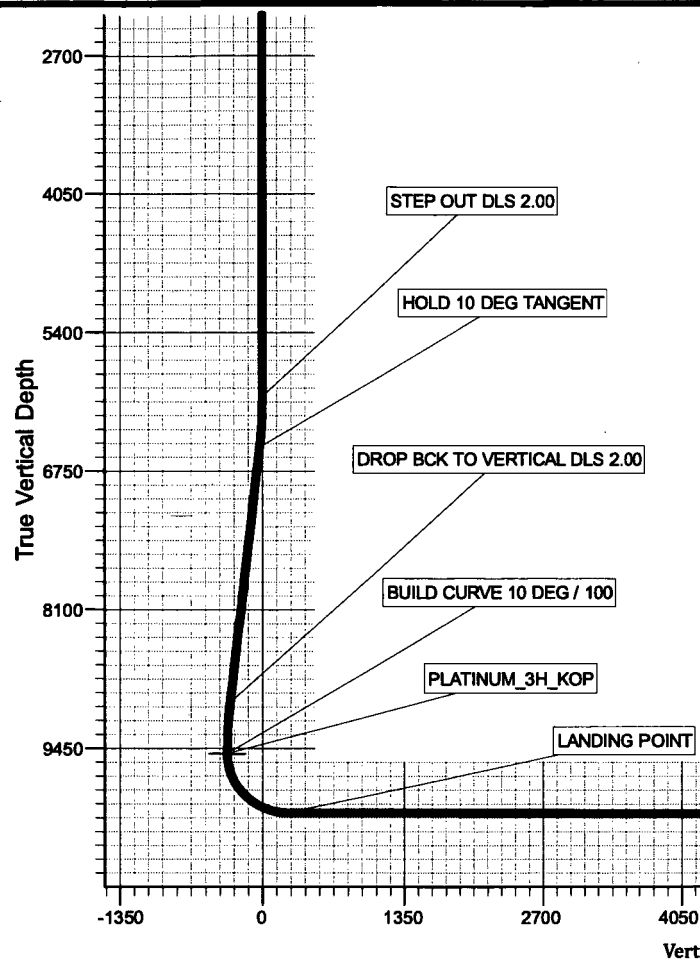
Ground Level: 3427.60

Easting
716748.92

Latitude
32° 16' 1.511172 N

Longitude
103° 45' 56.955595 W

DATUM @ 3454.10ft



PROJECT DETAILS: NM DIRECTIONAL PLANS (NAD 1983)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	6021.00	0.00	0.00	6021.00	0.00	0.00	0.00	0.00	0.00		STEP OUT DLS 2.00
3	6521.06	10.00	311.44	6518.52	28.81	-32.63	2.00	311.44	-27.66		HOLD 10 DEG TANGENT
4	9045.42	10.00	311.44	9004.52	318.96	-361.28	0.00	0.00	-306.24		DROP BCK TO VERTICAL DLS 2.00
5	9545.47	0.00	179.74	9502.04	347.77	-393.91	2.00	180.00	-333.91		BUILD CURVE 10 DEG / 100
6	10444.47	89.90	179.74	10075.00	-224.18	-391.29	10.00	179.74	237.61		LANDING POINT
7	20210.50	89.92	179.74	10090.00	-9990.10	-346.51	0.00	0.00	9996.10		TD at 20210.50

Oxy Planning Report

Database: HOPSPP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 3H
TVD Reference: DATUM @ 3454.10ft
MD Reference: DATUM @ 3454.10ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project PRD NM DIRECTIONAL PLANS (NAD 1983)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level
 Using geodetic scale factor

Site PLATINUM MDP1 34-3 FED COM

Site Position: Northing: 461,352.44 usft Latitude: 32° 16' 1.502765 N
From: Map Easting: 714,923.95 usft Longitude: 103° 46' 18.211063 W
Position Uncertainty: 0.00 ft Slot Radius: 13.200 in Grid Convergence: 0.30 °

Well PLATINUM MDP1 34-3 FED COM 3H

Well Position +N/-S 10.45 ft Northing: 461,362.89 usft Latitude: 32° 16' 1.511172 N
 +E/-W 1,825.08 ft Easting: 716,748.92 usft Longitude: 103° 45' 56.955595 W
Position Uncertainty 0.00 ft Wellhead Elevation: 0.00 ft Ground Level: 3,427.60 ft

Wellbore WB00

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	3/27/2018	6.88	60.02	48,089

Design Permitting Plan

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	181.99

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,021.00	0.00	0.00	6,021.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,521.06	10.00	311.44	6,518.52	28.81	-32.63	2.00	2.00	0.00	311.44	
9,045.42	10.00	311.44	9,004.52	318.96	-361.28	0.00	0.00	0.00	0.00	
9,545.47	0.00	179.74	9,502.04	347.77	-393.91	2.00	-2.00	0.00	180.00	PLATINUM_3H_KO
10,444.47	89.90	179.74	10,075.00	-224.18	-391.29	10.00	10.00	0.00	179.74	
20,210.50	89.92	179.74	10,090.00	-9,990.10	-346.51	0.00	0.00	0.00	0.00	PLATINUM_3H_BH

Oxy Planning Report

Database: HOPSP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well PLATINUM MDP1 34-3 FED COM 3H
DATUM @ 3454.10ft
DATUM @ 3454.10ft
Grid
Minimum Curvature

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

Oxy Planning Report

Database: HOPSPP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 3H
TVD Reference: DATUM @ 3454.10ft
MD Reference: DATUM @ 3454.10ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,021.00	0.00	0.00	6,021.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	1.58	311.44	6,099.99	0.72	-0.82	-0.69	2.00	2.00	0.00
6,200.00	3.58	311.44	6,199.88	3.70	-4.19	-3.55	2.00	2.00	0.00
6,300.00	5.58	311.44	6,299.56	8.98	-10.18	-8.63	2.00	2.00	0.00
6,400.00	7.58	311.44	6,398.90	16.57	-18.77	-15.91	2.00	2.00	0.00
6,500.00	9.58	311.44	6,497.77	26.44	-29.95	-25.39	2.00	2.00	0.00
6,521.06	10.00	311.44	6,518.52	28.81	-32.63	-27.66	2.00	2.00	0.00
6,600.00	10.00	311.44	6,596.27	37.88	-42.91	-36.37	0.00	0.00	0.00
6,700.00	10.00	311.44	6,694.75	49.38	-55.93	-47.41	0.00	0.00	0.00
6,800.00	10.00	311.44	6,793.23	60.87	-68.95	-58.45	0.00	0.00	0.00
6,900.00	10.00	311.44	6,891.71	72.37	-81.97	-69.48	0.00	0.00	0.00
7,000.00	10.00	311.44	6,990.19	83.86	-94.99	-80.52	0.00	0.00	0.00
7,100.00	10.00	311.44	7,088.67	95.35	-108.01	-91.55	0.00	0.00	0.00
7,200.00	10.00	311.44	7,187.15	106.85	-121.03	-102.59	0.00	0.00	0.00
7,300.00	10.00	311.44	7,285.63	118.34	-134.04	-113.62	0.00	0.00	0.00
7,400.00	10.00	311.44	7,384.11	129.84	-147.06	-124.66	0.00	0.00	0.00
7,500.00	10.00	311.44	7,482.59	141.33	-160.08	-135.70	0.00	0.00	0.00
7,600.00	10.00	311.44	7,581.07	152.82	-173.10	-146.73	0.00	0.00	0.00
7,700.00	10.00	311.44	7,679.55	164.32	-186.12	-157.77	0.00	0.00	0.00
7,800.00	10.00	311.44	7,778.03	175.81	-199.14	-168.80	0.00	0.00	0.00
7,900.00	10.00	311.44	7,876.51	187.31	-212.16	-179.84	0.00	0.00	0.00
8,000.00	10.00	311.44	7,974.99	198.80	-225.18	-190.87	0.00	0.00	0.00
8,100.00	10.00	311.44	8,073.47	210.29	-238.20	-201.91	0.00	0.00	0.00
8,200.00	10.00	311.44	8,171.95	221.79	-251.21	-212.95	0.00	0.00	0.00
8,300.00	10.00	311.44	8,270.43	233.28	-264.23	-223.98	0.00	0.00	0.00
8,400.00	10.00	311.44	8,368.91	244.78	-277.25	-235.02	0.00	0.00	0.00
8,500.00	10.00	311.44	8,467.39	256.27	-290.27	-246.05	0.00	0.00	0.00
8,600.00	10.00	311.44	8,565.87	267.76	-303.29	-257.09	0.00	0.00	0.00
8,700.00	10.00	311.44	8,664.35	279.26	-316.31	-268.12	0.00	0.00	0.00
8,800.00	10.00	311.44	8,762.83	290.75	-329.33	-279.16	0.00	0.00	0.00
8,900.00	10.00	311.44	8,861.32	302.24	-342.35	-290.20	0.00	0.00	0.00
9,000.00	10.00	311.44	8,959.80	313.74	-355.37	-301.23	0.00	0.00	0.00
9,045.42	10.00	311.44	9,004.52	318.96	-361.28	-306.24	0.00	0.00	0.00
9,100.00	8.91	311.44	9,058.36	324.89	-368.00	-311.94	2.00	-2.00	0.00
9,200.00	6.91	311.44	9,157.41	334.00	-378.32	-320.69	2.00	-2.00	0.00
9,300.00	4.91	311.44	9,256.87	340.81	-386.03	-327.23	2.00	-2.00	0.00
9,400.00	2.91	311.44	9,356.63	345.33	-391.14	-331.56	2.00	-2.00	0.00
9,500.00	0.91	311.44	9,456.57	347.53	-393.64	-333.68	2.00	-2.00	0.00
9,545.47	0.00	179.74	9,502.04	347.77	-393.91	-333.91	2.00	-2.00	0.00
9,600.00	5.45	179.74	9,556.49	345.18	-393.90	-331.32	10.00	10.00	0.00
9,700.00	15.45	179.74	9,654.70	327.06	-393.82	-313.21	10.00	10.00	0.00
9,800.00	25.45	179.74	9,748.28	292.16	-393.66	-278.34	10.00	10.00	0.00
9,900.00	35.45	179.74	9,834.38	241.54	-393.43	-227.76	10.00	10.00	0.00
10,000.00	45.45	179.74	9,910.37	176.74	-393.13	-163.01	10.00	10.00	0.00
10,100.00	55.45	179.74	9,973.96	99.73	-392.78	-86.06	10.00	10.00	0.00
10,200.00	65.45	179.74	10,023.22	12.85	-392.38	0.76	10.00	10.00	0.00
10,300.00	75.45	179.74	10,056.63	-81.27	-391.95	94.81	10.00	10.00	0.00

Oxy Planning Report

Database: HOPSP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well PLATINUM MDP1 34-3 FED COM 3H
DATUM @ 3454.10ft
DATUM @ 3454.10ft
Grid
Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,400.00	85.45	179.74	10,073.20	-179.76	-391.49	193.22	10.00	10.00	0.00
10,444.47	89.90	179.74	10,075.00	-224.18	-391.29	237.61	10.00	10.00	0.00
10,500.00	89.90	179.74	10,075.10	-279.71	-391.04	293.10	0.00	0.00	0.00
10,600.00	89.90	179.74	10,075.27	-379.71	-390.58	393.02	0.00	0.00	0.00
10,700.00	89.90	179.74	10,075.44	-479.71	-390.12	492.94	0.00	0.00	0.00
10,800.00	89.90	179.74	10,075.62	-579.71	-389.66	592.86	0.00	0.00	0.00
10,900.00	89.90	179.74	10,075.79	-679.70	-389.20	692.79	0.00	0.00	0.00
11,000.00	89.90	179.74	10,075.96	-779.70	-388.74	792.71	0.00	0.00	0.00
11,100.00	89.90	179.74	10,076.13	-879.70	-388.28	892.63	0.00	0.00	0.00
11,200.00	89.90	179.74	10,076.31	-979.70	-387.83	992.56	0.00	0.00	0.00
11,300.00	89.90	179.74	10,076.48	-1,079.70	-387.37	1,092.48	0.00	0.00	0.00
11,400.00	89.90	179.74	10,076.65	-1,179.70	-386.91	1,192.40	0.00	0.00	0.00
11,500.00	89.90	179.74	10,076.82	-1,279.70	-386.45	1,292.32	0.00	0.00	0.00
11,600.00	89.90	179.74	10,076.99	-1,379.70	-385.99	1,392.25	0.00	0.00	0.00
11,700.00	89.90	179.74	10,077.16	-1,479.69	-385.53	1,492.17	0.00	0.00	0.00
11,800.00	89.90	179.74	10,077.33	-1,579.69	-385.07	1,592.09	0.00	0.00	0.00
11,900.00	89.90	179.74	10,077.49	-1,679.69	-384.62	1,692.02	0.00	0.00	0.00
12,000.00	89.90	179.74	10,077.66	-1,779.69	-384.16	1,791.94	0.00	0.00	0.00
12,100.00	89.90	179.74	10,077.83	-1,879.69	-383.70	1,891.86	0.00	0.00	0.00
12,200.00	89.90	179.74	10,078.00	-1,979.69	-383.24	1,991.78	0.00	0.00	0.00
12,300.00	89.90	179.74	10,078.16	-2,079.69	-382.78	2,091.71	0.00	0.00	0.00
12,400.00	89.90	179.74	10,078.33	-2,179.69	-382.32	2,191.63	0.00	0.00	0.00
12,500.00	89.91	179.74	10,078.50	-2,279.69	-381.86	2,291.55	0.00	0.00	0.00
12,600.00	89.91	179.74	10,078.66	-2,379.68	-381.41	2,391.48	0.00	0.00	0.00
12,700.00	89.91	179.74	10,078.83	-2,479.68	-380.95	2,491.40	0.00	0.00	0.00
12,800.00	89.91	179.74	10,078.99	-2,579.68	-380.49	2,591.32	0.00	0.00	0.00
12,900.00	89.91	179.74	10,079.16	-2,679.68	-380.03	2,691.24	0.00	0.00	0.00
13,000.00	89.91	179.74	10,079.32	-2,779.68	-379.57	2,791.17	0.00	0.00	0.00
13,100.00	89.91	179.74	10,079.48	-2,879.68	-379.11	2,891.09	0.00	0.00	0.00
13,200.00	89.91	179.74	10,079.65	-2,979.68	-378.66	2,991.01	0.00	0.00	0.00
13,300.00	89.91	179.74	10,079.81	-3,079.68	-378.20	3,090.93	0.00	0.00	0.00
13,400.00	89.91	179.74	10,079.97	-3,179.67	-377.74	3,190.86	0.00	0.00	0.00
13,500.00	89.91	179.74	10,080.13	-3,279.67	-377.28	3,290.78	0.00	0.00	0.00
13,600.00	89.91	179.74	10,080.29	-3,379.67	-376.82	3,390.70	0.00	0.00	0.00
13,700.00	89.91	179.74	10,080.45	-3,479.67	-376.36	3,490.63	0.00	0.00	0.00
13,800.00	89.91	179.74	10,080.61	-3,579.67	-375.90	3,590.55	0.00	0.00	0.00
13,900.00	89.91	179.74	10,080.77	-3,679.67	-375.45	3,690.47	0.00	0.00	0.00
14,000.00	89.91	179.74	10,080.93	-3,779.67	-374.99	3,790.39	0.00	0.00	0.00
14,100.00	89.91	179.74	10,081.09	-3,879.67	-374.53	3,890.32	0.00	0.00	0.00
14,200.00	89.91	179.74	10,081.25	-3,979.67	-374.07	3,990.24	0.00	0.00	0.00
14,300.00	89.91	179.74	10,081.41	-4,079.66	-373.61	4,090.16	0.00	0.00	0.00
14,400.00	89.91	179.74	10,081.57	-4,179.66	-373.15	4,190.09	0.00	0.00	0.00
14,500.00	89.91	179.74	10,081.72	-4,279.66	-372.69	4,290.01	0.00	0.00	0.00
14,600.00	89.91	179.74	10,081.88	-4,379.66	-372.24	4,389.93	0.00	0.00	0.00
14,700.00	89.91	179.74	10,082.04	-4,479.66	-371.78	4,489.85	0.00	0.00	0.00
14,800.00	89.91	179.74	10,082.19	-4,579.66	-371.32	4,589.78	0.00	0.00	0.00
14,900.00	89.91	179.74	10,082.35	-4,679.66	-370.86	4,689.70	0.00	0.00	0.00
15,000.00	89.91	179.74	10,082.51	-4,779.66	-370.40	4,789.62	0.00	0.00	0.00
15,100.00	89.91	179.74	10,082.66	-4,879.65	-369.94	4,889.55	0.00	0.00	0.00
15,200.00	89.91	179.74	10,082.81	-4,979.65	-369.48	4,989.47	0.00	0.00	0.00
15,300.00	89.91	179.74	10,082.97	-5,079.65	-369.03	5,089.39	0.00	0.00	0.00
15,400.00	89.91	179.74	10,083.12	-5,179.65	-368.57	5,189.31	0.00	0.00	0.00
15,500.00	89.91	179.74	10,083.27	-5,279.65	-368.11	5,289.24	0.00	0.00	0.00
15,600.00	89.91	179.74	10,083.43	-5,379.65	-367.65	5,389.16	0.00	0.00	0.00

Oxy Planning Report

Database: HOPSP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well PLATINUM MDP1 34-3 FED COM 3H
 DATUM @ 3454.10ft
 DATUM @ 3454.10ft
 Grid
 Minimum Curvature

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
15,700.00	89.91	179.74	10,083.58	-5,479.65	-367.19	5,489.08	0.00	0.00	0.00
15,800.00	89.91	179.74	10,083.73	-5,579.65	-366.73	5,589.01	0.00	0.00	0.00
15,900.00	89.91	179.74	10,083.88	-5,679.65	-366.27	5,688.93	0.00	0.00	0.00
16,000.00	89.91	179.74	10,084.03	-5,779.64	-365.82	5,788.85	0.00	0.00	0.00
16,100.00	89.91	179.74	10,084.18	-5,879.64	-365.36	5,888.77	0.00	0.00	0.00
16,200.00	89.91	179.74	10,084.33	-5,979.64	-364.90	5,988.70	0.00	0.00	0.00
16,300.00	89.91	179.74	10,084.48	-6,079.64	-364.44	6,088.62	0.00	0.00	0.00
16,400.00	89.91	179.74	10,084.63	-6,179.64	-363.98	6,188.54	0.00	0.00	0.00
16,500.00	89.91	179.74	10,084.78	-6,279.64	-363.52	6,288.47	0.00	0.00	0.00
16,600.00	89.92	179.74	10,084.93	-6,379.64	-363.07	6,388.39	0.00	0.00	0.00
16,700.00	89.92	179.74	10,085.08	-6,479.64	-362.61	6,488.31	0.00	0.00	0.00
16,800.00	89.92	179.74	10,085.23	-6,579.63	-362.15	6,588.23	0.00	0.00	0.00
16,900.00	89.92	179.74	10,085.37	-6,679.63	-361.69	6,688.16	0.00	0.00	0.00
17,000.00	89.92	179.74	10,085.52	-6,779.63	-361.23	6,788.08	0.00	0.00	0.00
17,100.00	89.92	179.74	10,085.67	-6,879.63	-360.77	6,888.00	0.00	0.00	0.00
17,200.00	89.92	179.74	10,085.81	-6,979.63	-360.31	6,987.93	0.00	0.00	0.00
17,300.00	89.92	179.74	10,085.96	-7,079.63	-359.86	7,087.85	0.00	0.00	0.00
17,400.00	89.92	179.74	10,086.10	-7,179.63	-359.40	7,187.77	0.00	0.00	0.00
17,500.00	89.92	179.74	10,086.25	-7,279.63	-358.94	7,287.69	0.00	0.00	0.00
17,600.00	89.92	179.74	10,086.39	-7,379.63	-358.48	7,387.62	0.00	0.00	0.00
17,700.00	89.92	179.74	10,086.53	-7,479.62	-358.02	7,487.54	0.00	0.00	0.00
17,800.00	89.92	179.74	10,086.68	-7,579.62	-357.56	7,587.46	0.00	0.00	0.00
17,900.00	89.92	179.74	10,086.82	-7,679.62	-357.10	7,687.39	0.00	0.00	0.00
18,000.00	89.92	179.74	10,086.96	-7,779.62	-356.65	7,787.31	0.00	0.00	0.00
18,100.00	89.92	179.74	10,087.10	-7,879.62	-356.19	7,887.23	0.00	0.00	0.00
18,200.00	89.92	179.74	10,087.25	-7,979.62	-355.73	7,987.15	0.00	0.00	0.00
18,300.00	89.92	179.74	10,087.39	-8,079.62	-355.27	8,087.08	0.00	0.00	0.00
18,400.00	89.92	179.74	10,087.53	-8,179.62	-354.81	8,187.00	0.00	0.00	0.00
18,500.00	89.92	179.74	10,087.67	-8,279.62	-354.35	8,286.92	0.00	0.00	0.00
18,600.00	89.92	179.74	10,087.81	-8,379.61	-353.89	8,386.85	0.00	0.00	0.00
18,700.00	89.92	179.74	10,087.95	-8,479.61	-353.44	8,486.77	0.00	0.00	0.00
18,800.00	89.92	179.74	10,088.09	-8,579.61	-352.98	8,586.69	0.00	0.00	0.00
18,900.00	89.92	179.74	10,088.22	-8,679.61	-352.52	8,686.61	0.00	0.00	0.00
19,000.00	89.92	179.74	10,088.36	-8,779.61	-352.06	8,786.54	0.00	0.00	0.00
19,100.00	89.92	179.74	10,088.50	-8,879.61	-351.60	8,886.46	0.00	0.00	0.00
19,200.00	89.92	179.74	10,088.64	-8,979.61	-351.14	8,986.38	0.00	0.00	0.00
19,300.00	89.92	179.74	10,088.77	-9,079.61	-350.68	9,086.31	0.00	0.00	0.00
19,400.00	89.92	179.74	10,088.91	-9,179.60	-350.23	9,186.23	0.00	0.00	0.00
19,500.00	89.92	179.74	10,089.05	-9,279.60	-349.77	9,286.15	0.00	0.00	0.00
19,600.00	89.92	179.74	10,089.18	-9,379.60	-349.31	9,386.07	0.00	0.00	0.00
19,700.00	89.92	179.74	10,089.32	-9,479.60	-348.85	9,486.00	0.00	0.00	0.00
19,800.00	89.92	179.74	10,089.45	-9,579.60	-348.39	9,585.92	0.00	0.00	0.00
19,900.00	89.92	179.74	10,089.59	-9,679.60	-347.93	9,685.84	0.00	0.00	0.00
20,000.00	89.92	179.74	10,089.72	-9,779.60	-347.48	9,785.77	0.00	0.00	0.00
20,100.00	89.92	179.74	10,089.85	-9,879.60	-347.02	9,885.69	0.00	0.00	0.00
20,200.00	89.92	179.74	10,089.99	-9,979.60	-346.56	9,985.61	0.00	0.00	0.00
20,210.50	89.92	179.74	10,090.00	-9,990.10	-346.51	9,996.10	0.00	0.00	0.00

Oxy Planning Report

Database: HOPSP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: PLATINUM MDP1 34-3 FED COM
Well: PLATINUM MDP1 34-3 FED COM 3H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well PLATINUM MDP1 34-3 FED COM 3H
DATUM @ 3454.10ft
DATUM @ 3454.10ft
Grid
Minimum Curvature

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PLATINUM_3H_KOP - plan hits target center - Point	0.00	0.00	9,502.04	347.77	-393.91	461,710.64	716,355.03	32° 16' 4.972925 N	103° 46' 1.521731
PLATINUM_3H_BHL - plan hits target center - Point	0.00	0.00	10,090.00	-9,990.10	-346.51	451,373.37	716,402.43	32° 14' 22.677651 N	103° 46' 1.604658

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,021.00	6,021.00	0.00	0.00	STEP OUT DLS 2.00
6,521.06	6,518.52	28.81	-32.63	HOLD 10 DEG TANGENT
9,045.42	9,004.52	318.96	-361.28	DROP BCK TO VERTICAL DLS 2.00
9,545.47	9,502.04	347.77	-393.91	BUILD CURVE 10 DEG / 100
10,444.47	10,075.00	-224.18	-391.29	LANDING POINT
20,210.50	10,090.00	-9,990.10	-346.51	TD at 20210.50



Occidental Oil and Gas Corporation
ATTN: Kacie Cruz
5 Greenway Plaza, Suite 110
Houston, TX 77046
713-350-4889
kacie_cruz@oxy.com

May 2, 2018

Mr. Leonard Lowe
New Mexico Oil Conservation Division
1220 South Francis Drive
Santa Fe, New Mexico 87505

RE: Application for Nonstandard Location—Engineering Justification
OXY USA Inc.
Platinum MDP1 34-3 Federal Com #2H
W/2 W/2 Section 34, T23S-R31E, Eddy County and W/2 W/2 Section 3, T24S-R31E, Eddy County

Dear Mr. Lowe:

Oxy USA Inc. respectfully seeks approval for non-standard locations, increasing horizontal well spacing from 4 wells per section ("wps") to 6 wps to effectively develop the Bone Spring and Wolfcamp formations. It is Oxy's responsibility as a prudent operator to optimize well spacing for horizontal development and minimize reserves left in the ground. Increasing horizontal well spacing from 4 wps to 6 wps will optimize recoverable reserves. Any reduction in well spacing will result in untapped reserves being left in the reservoir resulting in waste of a resource that will not be developed otherwise.

Sincerely,

A handwritten signature in black ink, appearing to be "Kacie Cruz", written over a horizontal line.

Kacie Cruz
Development Production Engineer

From: [Lowe, Leonard, EMNRD](#)
To: ["Sarah_Mitchell@oxy.com"](#)
Cc: [Mike Bratcher \(mike.bratcher@state.nm.us\)](#); [Cordero, Gilbert, EMNRD](#); ["lisa@rwbyram.com"](#); [Dawson, Scott, EMNRD](#); [Jones, William V, EMNRD](#); [McMillan, Michael, EMNRD](#); [Goetze, Phillip, EMNRD](#); ["jglover@blm.gov"](#); ["scaffey@blm.gov"](#); ["rjsanche@blm.gov"](#); ["jstovall@blm.gov"](#)
Subject: APPROVED NSL-7721 & -7722_OXY USA INC_Platinum MDP1 34 3 Federal Well No. 2H & 5H_SEC 34 23S 31E
Date: Tuesday, June 5, 2018 1:43:00 PM
Importance: High

Ms. Sarah Mitchell,

The following administrative orders have been issued and will soon be available on the Division's web site.

<http://ocdimage.emnrd.state.nm.us/Imaging/Default.aspx>

ORDER No.: NSL-7721
APPLICANT: OXY USA INC [16696]
WELL: Plantinum MDP1 34 3 Federal Com Well No. 2H [API #: 30-015-PENDING]
POOL: Ingle Wells; Bone Spring [# 33740]

ORDER No.: NSL-7722
APPLICANT: OXY USA INC [16696]
WELL: Plantinum MDP1 34 3 Federal Com Well No. 5H [API #: 30-015-PENDING]
POOL: Ingle Wells; Bone Spring [# 33740]

Leonard Lowe

Engineering Bureau
Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St. Frances
Santa Fe, New Mexico 87004
Office: 505-476-3492
Cell: 505-930-6717
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>