

NSL Initial Application

Received March 5, 2019

This application is only placed in file. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 03/05/19	REVIEWER: LRL	TYPE: NSL	APP NO: pLEL1906445729
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Applicant: OXY USA INC. **OGRID Number:** 16696
Well Name: PLATINUM MDP1 34-3 FEDERAL COM 171H **API:** 30-015-45230
Pool: PURPLE SAGE WOLFCAMP **Pool Code:** 98220

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

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

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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.

SARAH CHAPMAN
 Print or Type Name

Sarah Chapman
 Signature

2/26/2019
 Date

(713) 350-4997
 Phone Number

SARAH_CHAPMAN@OXY.COM
 e-mail Address



OXY USA Inc

5 Greenway Plaza, Suite 110
Houston, TX 77046-0521

February 28, 2019

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 Fed Com 171H- Purple Sage Wolfcamp
Surface – 220' FNL 1027' FWL Unit D Sec 34 T23S R31E
First Take Point – 100' FNL 440' FWL Unit D Sec 34 T23S R31E
Last Take Point – 100' FSL 440' FWL Unit M Sec 3 T24S R31E
Bottom Hole – 20' FSL 440' 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 MDP1 34-3 Fed Com 171H well, API Number-30-015-45230, Property Code 322245. The 171H well is proposed to be completed in the Purple Sage Wolfcamp pool, Pool Code 98220, which has special pool rules specifying the completed interval must be located 330 feet from the exterior boundary of the applicable spacing unit. The proposed completed interval is projected as follows:

Surface – 220' FNL 1027' FWL Unit D Sec 34 T23S R31E
First Take Point – 100' FNL 440' FWL Unit D Sec 34 T23S R31E
Last Take Point – 100' FSL 440' FWL Unit M Sec 3 T24S R31E
Bottom Hole – 20' FSL 440' FWL Unit M Sec 3 T24S R31E

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

Approval of the unorthodox completed 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 in each adjoining spacing unit in the same pool or formation located closer to the unorthodox well location than the minimum distance prescribed by applicable rule or order, 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 713-350-4997.

Sincerely,

Sarah Chapman
Regulatory Specialist

Attachments

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

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

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM043744
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
1c. Type of Completion: <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		7. If Unit or CA Agreement, Name and No.
2. Name of Operator OXY USA INCORPORATED		8. Lease Name and Well No. PLATINUM MDP1 34-3 FEDERAL COM 171H
3a. Address 5 Greenway Plaza, Suite 110 Houston TX 77046	3b. Phone No. (include area code) (713)366-5716	9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW / 220 FNL / 767 FWL / LAT 32.2675789 / LONG -103.7717254 At proposed prod. zone SWSW / 180 FSL / 440 FWL / LAT 32.2396259 / LONG -103.7728047		10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP / WOLFCAM
11. Sec., T. R. M. or Blk. and Survey or Area SEC 34 / T23S / R31E / NMP		12. County or Parish
14. Distance in miles and direction from nearest town or post office*		13. State
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	17. Spacing Unit dedicated to this well 320
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 35 feet	19. Proposed Depth 11628 feet / 21708 feet	20. BLM/BIA Bond No. in file FED: ESB000226
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3415 feet	22. Approximate date work will start* 07/29/2019	23. Estimated duration 25 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

- | | |
|---|---|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 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). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be requested by the BLM. |
|---|---|

25. Signature (Electronic Submission)	Name (Printed/Typed) David Stewart / Ph: (713)366-5716	Date 04/24/2018
Title Sr. Regulatory Advisor		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 08/23/2018
Title Assistant Field Manager Lands & Minerals		
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.

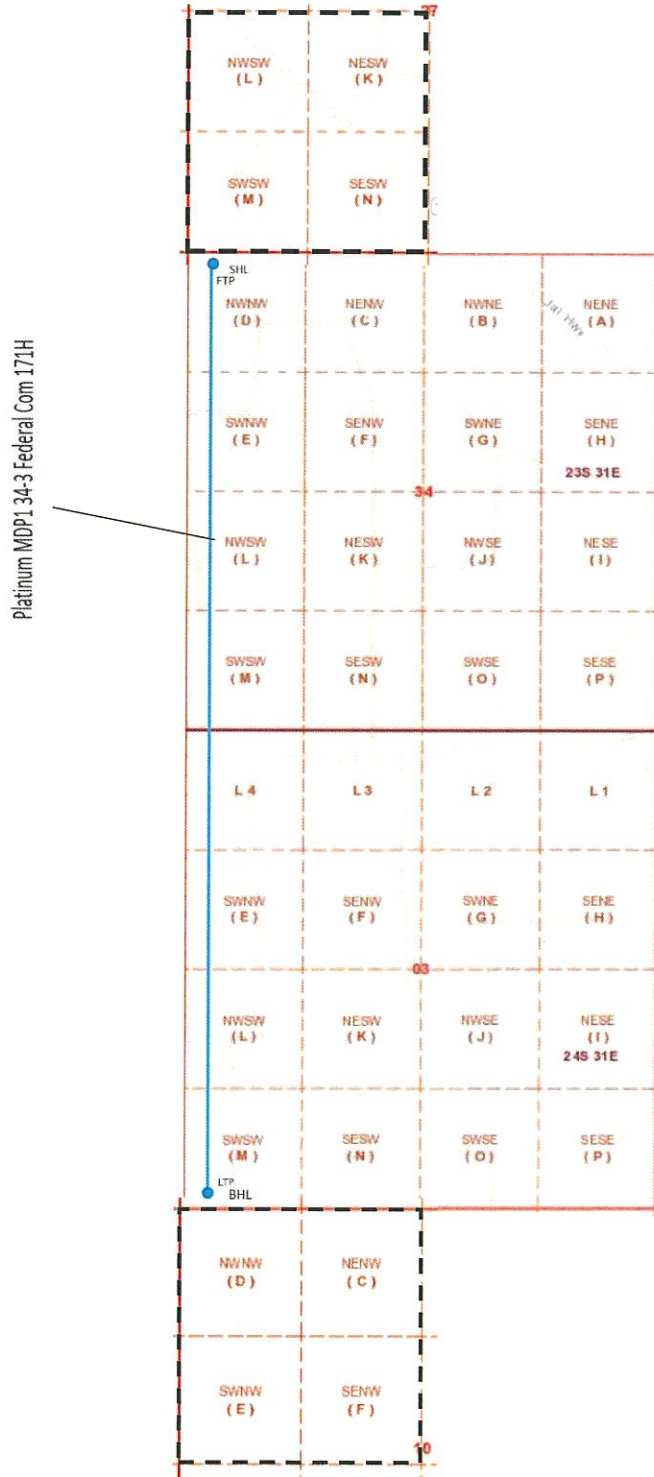
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



OXY USA Inc.

Platinum MDP1 34-3 Federal Com 171H

Section 27 Township 23 South, Range 31 East and Section 10 Township 24 South, Range 31 East, N.M.P.M.
Eddy County, New Mexico



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 30-015-45320	Pool Code 98220	Pool Name Purple Sage Wolfcamp
Property Code 322245	Property Name PLATINUM MDP1 "34-3" FEDERAL COM	Well Number 171H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3423.2'

Surface Location

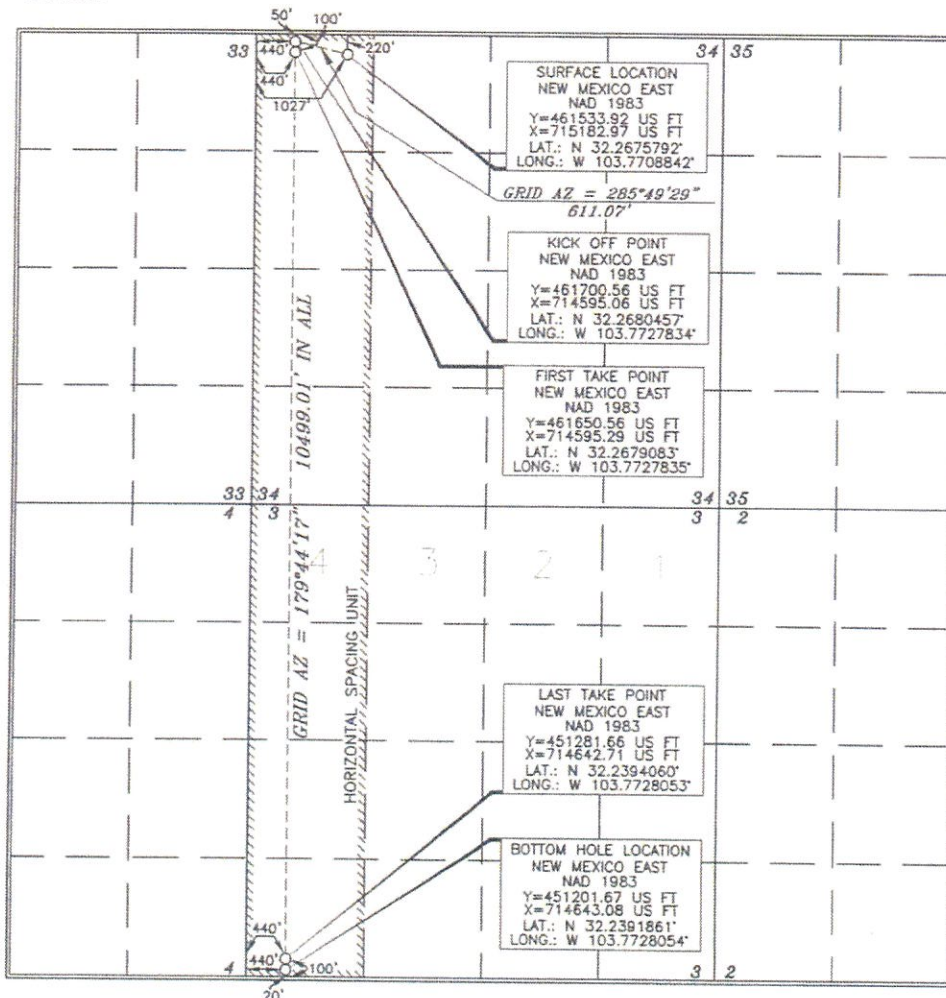
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23 SOUTH	31 EAST, N.M.P.M.		220'	NORTH	1027'	WEST	EDDY

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.		20'	SOUTH	440'	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	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.



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.

Sarah Chapman 2/26/19
Signature Date
Sarah Chapman
Printed Name
Sarah.Chapman@oxy.com
E-mail Address

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.

Tommy J. Case
Date of Survey JULY 17, 2018
Signature and Seal of Professional Surveyor

Tommy J. Case 2/10/2019
Certificate Number 15079

Intent As Drilled

API # 30-015-45320	Operator Name: OKY USA INC.	Property Name: Platinum NDYI 34-3 Federal Com	Well Number 171H
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Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	34	23S	31E		50	NORTH	440	WEST	EDDY
Latitude					Longitude				NAD
32.2680457					-103.7727834				NAD83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	34	23S	31E		100	NORTH	440	WEST	EDDY
Latitude					Longitude				NAD
32.2679083					-103.7727835				NAD83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	3	24S	31E		100	South	440	WEST	EDDY
Latitude					Longitude				NAD
32.2394060					-103.7728053				NAD83

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well?

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #	Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Application Non-Standard Location - Service List**OXY USA Inc.****Platinum MDP1 34-3 Federal Com 171H**

New Mexico Oil Conservation Division
811 S. First St.
Artesia, NM 88210
7017 0530 0000 6129 0681

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

Bureau of Land Management Carlsbad
620 E. Green Street
Carlsbad, NM 88220-6262
7017 0530 0000 6129 0698

T24S-R31E**No Existing Spacing Unit: Section 10 - Units C, D, E and F**

Chevron USA Inc.
6301 Deauville Blvd.
Midland, TX 79706
7017 0530 0000 6129 0704

T23S-R31E**No Existing Spacing Unit: Section 27 - Units K, L, M and N**

Devon Energy Production CO, LP
333 W. Sheridan Ave.
Oklahoma City, OK 73102
7017 0530 0000 6129 0711

Copies of this application were mailed to the following individuals, companies and organizations on or before March 5, 2019.



Sarah Chapman
OXY USA Inc.

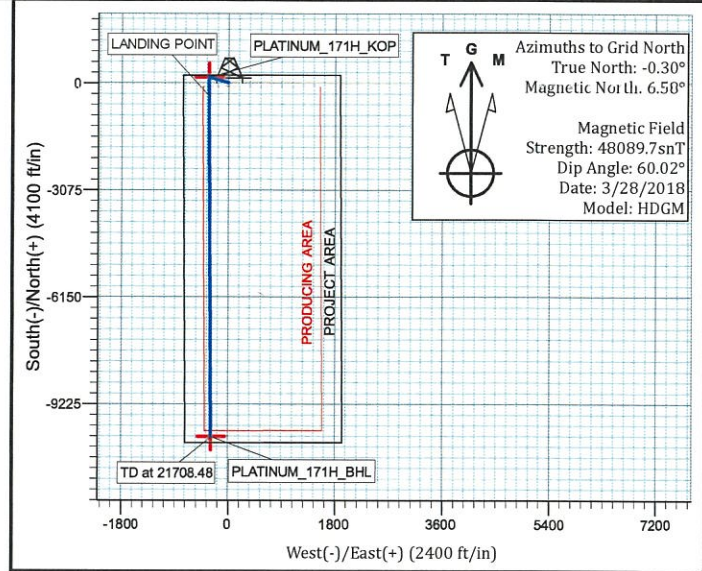
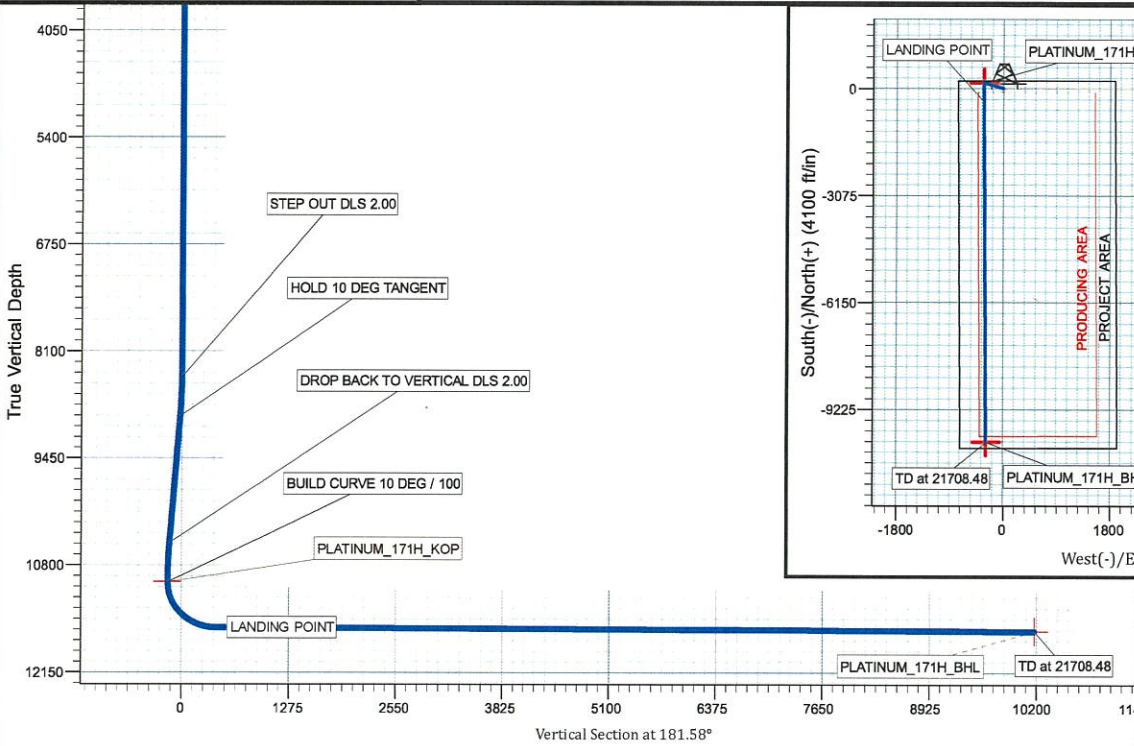


Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
 Site: PLATINUM MDP1 34-3 FED COM
 Well: PLATINUM MDP1 34-3 FED COM 171H
 Wellbore: WB00
 Design: Permitting Design

WELL DETAILS: PLATINUM MDP1 34-3 FED COM 171H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	461532.40	714922.98	32° 16' 3.283613 N	103° 46' 18.211392 W
			Datum @ 3441.30ft		

Ground Level: 3414.80



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	8420.00	0.00	0.00	8420.00	0.00	0.00	0.00	0.00	0.00		STEP OUT DLS 2.00
3	8919.80	10.00	297.15	8917.27	19.84	-38.70	2.00	297.15	-18.77		HOLD 10 DEG TANGENT
4	10541.93	10.00	297.15	10514.77	148.33	-289.24	0.00	0.00	-140.29		DROP BACK TO VERTICAL DLS 2.00
5	11041.73	0.00	179.74	11012.04	168.17	-327.94	2.00	180.00	-159.06		BUILD CURVE 10 DEG / 100
6	11939.73	89.80	179.74	11584.99	-402.78	-325.32	10.00	179.74	411.60		LANDING POINT
7	21708.48	89.70	179.74	11628.00	-10171.33	-280.54	0.00	180.00	10175.20		TD at 21708.48

Oxy Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3441.30ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3441.30ft
Site:	PLATINUM MDP1 34-3 FED COM	North Reference:	Grid
Well:	PLATINUM MDP1 34-3 FED COM 171H	Survey Calculation Method:	Minimum Curvature
Wellbore:	WB00		
Design:	Permitting Design		

Project	PRD NM DIRECTIONAL PLANS (NAD 1983)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		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 171H		
Well Position	+N/-S	179.97 ft	Northing: 461,532.40 usft
	+E/-W	-0.97 ft	Easting: 714,922.98 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	0.00 ft
		Ground Level:	3,414.80 ft

Wellbore	WB00				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	HDGM	3/28/2018	(°) 6.88	(°) 60.02	(nT) 48,090

Design	Permitting Design		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction (°) 181.58

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	
8,420.00	0.00	0.00	8,420.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,919.80	10.00	297.15	8,917.27	19.84	-38.70	2.00	2.00	0.00	297.15	
10,541.93	10.00	297.15	10,514.77	148.33	-289.24	0.00	0.00	0.00	0.00	
11,041.73	0.00	179.74	11,012.04	168.17	-327.94	2.00	-2.00	0.00	180.00	PLATINUM_171H_
11,939.73	89.80	179.74	11,584.99	-402.78	-325.32	10.00	10.00	0.00	179.74	
21,708.48	89.70	179.74	11,628.00	-10,171.33	-280.54	0.00	0.00	0.00	180.00	PLATINUM_171H_

Oxy Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3441.30ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3441.30ft
Site:	PLATINUM MDP1 34-3 FED COM	North Reference:	Grid
Well:	PLATINUM MDP1 34-3 FED COM 171H	Survey Calculation Method:	Minimum Curvature
Wellbore:	WB00		
Design:	Permitting Design		

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	0.00
100.00	0.00	0.00	100.00	0.00	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	0.00
300.00	0.00	0.00	300.00	0.00	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	0.00
500.00	0.00	0.00	500.00	0.00	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	0.00
700.00	0.00	0.00	700.00	0.00	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	0.00
900.00	0.00	0.00	900.00	0.00	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	0.00
1,100.00	0.00	0.00	1,100.00	0.00	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	0.00
1,300.00	0.00	0.00	1,300.00	0.00	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	0.00
1,500.00	0.00	0.00	1,500.00	0.00	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	0.00
1,700.00	0.00	0.00	1,700.00	0.00	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	0.00
1,900.00	0.00	0.00	1,900.00	0.00	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	0.00
2,100.00	0.00	0.00	2,100.00	0.00	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	0.00
2,300.00	0.00	0.00	2,300.00	0.00	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	0.00
2,500.00	0.00	0.00	2,500.00	0.00	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	0.00
2,700.00	0.00	0.00	2,700.00	0.00	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	0.00
2,900.00	0.00	0.00	2,900.00	0.00	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	0.00
3,100.00	0.00	0.00	3,100.00	0.00	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	0.00
3,300.00	0.00	0.00	3,300.00	0.00	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	0.00
3,500.00	0.00	0.00	3,500.00	0.00	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	0.00
3,700.00	0.00	0.00	3,700.00	0.00	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	0.00
3,900.00	0.00	0.00	3,900.00	0.00	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	0.00
4,100.00	0.00	0.00	4,100.00	0.00	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	0.00
4,300.00	0.00	0.00	4,300.00	0.00	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	0.00
4,500.00	0.00	0.00	4,500.00	0.00	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	0.00
4,700.00	0.00	0.00	4,700.00	0.00	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	0.00
4,900.00	0.00	0.00	4,900.00	0.00	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	0.00
5,100.00	0.00	0.00	5,100.00	0.00	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	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Oxy Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3441.30ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3441.30ft
Site:	PLATINUM MDP1 34-3 FED COM	North Reference:	Grid
Well:	PLATINUM MDP1 34-3 FED COM 171H	Survey Calculation Method:	Minimum Curvature
Wellbore:	WB00		
Design:	Permitting Design		

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	0.00
5,500.00	0.00	0.00	5,500.00	0.00	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	0.00
5,700.00	0.00	0.00	5,700.00	0.00	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	0.00
5,900.00	0.00	0.00	5,900.00	0.00	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	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,420.00	0.00	0.00	8,420.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	1.60	297.15	8,499.99	0.51	-0.99	-0.48	2.00	2.00	0.00	0.00
8,600.00	3.60	297.15	8,599.88	2.58	-5.03	-2.44	2.00	2.00	0.00	0.00
8,700.00	5.60	297.15	8,699.55	6.24	-12.17	-5.90	2.00	2.00	0.00	0.00
8,800.00	7.60	297.15	8,798.89	11.48	-22.39	-10.86	2.00	2.00	0.00	0.00
8,900.00	9.60	297.15	8,897.76	18.31	-35.70	-17.32	2.00	2.00	0.00	0.00
8,919.80	10.00	297.15	8,917.27	19.84	-38.70	-18.77	2.00	2.00	0.00	0.00
9,000.00	10.00	297.15	8,996.25	26.20	-51.08	-24.78	0.00	0.00	0.00	0.00
9,100.00	10.00	297.15	9,094.73	34.12	-66.53	-32.27	0.00	0.00	0.00	0.00
9,200.00	10.00	297.15	9,193.22	42.04	-81.97	-39.76	0.00	0.00	0.00	0.00
9,300.00	10.00	297.15	9,291.70	49.96	-97.42	-47.25	0.00	0.00	0.00	0.00
9,400.00	10.00	297.15	9,390.18	57.88	-112.87	-54.74	0.00	0.00	0.00	0.00
9,500.00	10.00	297.15	9,488.66	65.80	-128.31	-62.24	0.00	0.00	0.00	0.00
9,600.00	10.00	297.15	9,587.14	73.72	-143.76	-69.73	0.00	0.00	0.00	0.00
9,700.00	10.00	297.15	9,685.63	81.64	-159.20	-77.22	0.00	0.00	0.00	0.00
9,800.00	10.00	297.15	9,784.11	89.56	-174.65	-84.71	0.00	0.00	0.00	0.00
9,900.00	10.00	297.15	9,882.59	97.48	-190.09	-92.20	0.00	0.00	0.00	0.00
10,000.00	10.00	297.15	9,981.07	105.40	-205.54	-99.70	0.00	0.00	0.00	0.00
10,100.00	10.00	297.15	10,079.55	113.32	-220.98	-107.19	0.00	0.00	0.00	0.00
10,200.00	10.00	297.15	10,178.03	121.24	-236.43	-114.68	0.00	0.00	0.00	0.00
10,300.00	10.00	297.15	10,276.52	129.16	-251.88	-122.17	0.00	0.00	0.00	0.00
10,400.00	10.00	297.15	10,375.00	137.08	-267.32	-129.66	0.00	0.00	0.00	0.00
10,500.00	10.00	297.15	10,473.48	145.01	-282.77	-137.15	0.00	0.00	0.00	0.00

Oxy Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3441.30ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3441.30ft
Site:	PLATINUM MDP1 34-3 FED COM	North Reference:	Grid
Well:	PLATINUM MDP1 34-3 FED COM 171H	Survey Calculation Method:	Minimum Curvature
Wellbore:	WB00		
Design:	Permitting Design		

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)	
10,541.93	10.00	297.15	10,514.77	148.33	-289.24	-140.29	0.00	0.00	0.00	
10,600.00	8.83	297.15	10,572.06	152.66	-297.70	-144.40	2.00	-2.00	0.00	
10,700.00	6.83	297.15	10,671.12	158.88	-309.82	-150.28	2.00	-2.00	0.00	
10,800.00	4.83	297.15	10,770.60	163.52	-318.87	-154.67	2.00	-2.00	0.00	
10,900.00	2.83	297.15	10,870.37	166.57	-324.82	-157.55	2.00	-2.00	0.00	
11,000.00	0.83	297.15	10,970.31	168.03	-327.67	-158.93	2.00	-2.00	0.00	
11,041.73	0.00	170.74	11,012.04	168.17	-327.94	-159.00	2.00	-2.00	0.00	
11,100.00	5.83	179.74	11,070.21	165.21	-327.93	-156.11	10.00	10.00	0.00	
11,200.00	15.83	179.74	11,168.31	146.45	-327.84	-137.35	10.00	10.00	0.00	
11,300.00	25.83	179.74	11,261.65	110.94	-327.68	-101.86	10.00	10.00	0.00	
11,400.00	35.83	179.74	11,347.42	59.76	-327.44	-50.71	10.00	10.00	0.00	
11,500.00	45.83	179.74	11,422.99	-5.54	-327.14	14.55	10.00	10.00	0.00	
11,600.00	55.83	179.74	11,486.08	-82.96	-326.79	91.94	10.00	10.00	0.00	
11,700.00	65.83	179.74	11,534.76	-170.16	-326.39	179.10	10.00	10.00	0.00	
11,800.00	75.83	179.74	11,567.56	-264.50	-325.96	273.38	10.00	10.00	0.00	
11,900.00	85.83	179.74	11,583.48	-363.09	-325.50	371.93	10.00	10.00	0.00	
11,939.73	89.80	179.74	11,584.99	-402.78	-325.32	411.60	10.00	10.00	0.00	
12,000.00	89.80	179.74	11,585.21	-463.05	-325.05	471.84	0.00	0.00	0.00	
12,100.00	89.80	179.74	11,585.56	-563.05	-324.59	571.79	0.00	0.00	0.00	
12,200.00	89.80	179.74	11,585.91	-663.05	-324.13	671.73	0.00	0.00	0.00	
12,300.00	89.80	179.74	11,586.26	-763.05	-323.67	771.68	0.00	0.00	0.00	
12,400.00	89.80	179.74	11,586.62	-863.05	-323.21	871.63	0.00	0.00	0.00	
12,500.00	89.79	179.74	11,586.98	-963.05	-322.75	971.58	0.00	0.00	0.00	
12,600.00	89.79	179.74	11,587.34	-1,063.04	-322.29	1,071.53	0.00	0.00	0.00	
12,700.00	89.79	179.74	11,587.70	-1,163.04	-321.84	1,171.47	0.00	0.00	0.00	
12,800.00	89.79	179.74	11,588.07	-1,263.04	-321.38	1,271.42	0.00	0.00	0.00	
12,900.00	89.79	179.74	11,588.43	-1,363.04	-320.92	1,371.37	0.00	0.00	0.00	
13,000.00	89.79	179.74	11,588.80	-1,463.04	-320.46	1,471.32	0.00	0.00	0.00	
13,100.00	89.79	179.74	11,589.17	-1,563.03	-320.00	1,571.26	0.00	0.00	0.00	
13,200.00	89.79	179.74	11,589.54	-1,663.03	-319.54	1,671.21	0.00	0.00	0.00	
13,300.00	89.79	179.74	11,589.92	-1,763.03	-319.09	1,771.16	0.00	0.00	0.00	
13,400.00	89.78	179.74	11,590.29	-1,863.03	-318.63	1,871.11	0.00	0.00	0.00	
13,500.00	89.78	179.74	11,590.67	-1,963.03	-318.17	1,971.05	0.00	0.00	0.00	
13,600.00	89.78	179.74	11,591.05	-2,063.03	-317.71	2,071.00	0.00	0.00	0.00	
13,700.00	89.78	179.74	11,591.43	-2,163.02	-317.25	2,170.95	0.00	0.00	0.00	
13,800.00	89.78	179.74	11,591.81	-2,263.02	-316.79	2,270.90	0.00	0.00	0.00	
13,900.00	89.78	179.74	11,592.20	-2,363.02	-316.33	2,370.84	0.00	0.00	0.00	
14,000.00	89.78	179.74	11,592.58	-2,463.02	-315.88	2,470.79	0.00	0.00	0.00	
14,100.00	89.78	179.74	11,592.97	-2,563.02	-315.42	2,570.74	0.00	0.00	0.00	
14,200.00	89.78	179.74	11,593.36	-2,663.02	-314.96	2,670.69	0.00	0.00	0.00	
14,300.00	89.77	179.74	11,593.75	-2,763.01	-314.50	2,770.63	0.00	0.00	0.00	
14,400.00	89.77	179.74	11,594.15	-2,863.01	-314.04	2,870.58	0.00	0.00	0.00	
14,500.00	89.77	179.74	11,594.54	-2,963.01	-313.58	2,970.53	0.00	0.00	0.00	
14,600.00	89.77	179.74	11,594.94	-3,063.01	-313.13	3,070.48	0.00	0.00	0.00	
14,700.00	89.77	179.74	11,595.34	-3,163.01	-312.67	3,170.42	0.00	0.00	0.00	
14,800.00	89.77	179.74	11,595.74	-3,263.00	-312.21	3,270.37	0.00	0.00	0.00	
14,900.00	89.77	179.74	11,596.15	-3,363.00	-311.75	3,370.32	0.00	0.00	0.00	
15,000.00	89.77	179.74	11,596.55	-3,463.00	-311.29	3,470.27	0.00	0.00	0.00	
15,100.00	89.77	179.74	11,596.96	-3,563.00	-310.83	3,570.21	0.00	0.00	0.00	
15,200.00	89.77	179.74	11,597.37	-3,663.00	-310.37	3,670.16	0.00	0.00	0.00	
15,300.00	89.76	179.74	11,597.78	-3,762.99	-309.92	3,770.11	0.00	0.00	0.00	
15,400.00	89.76	179.74	11,598.19	-3,862.99	-309.46	3,870.06	0.00	0.00	0.00	
15,500.00	89.76	179.74	11,598.61	-3,962.99	-309.00	3,970.00	0.00	0.00	0.00	
15,600.00	89.76	179.74	11,599.02	-4,062.99	-308.54	4,069.95	0.00	0.00	0.00	

Oxy Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3441.30ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3441.30ft
Site:	PLATINUM MDP1 34-3 FED COM	North Reference:	Grid
Well:	PLATINUM MDP1 34-3 FED COM 171H	Survey Calculation Method:	Minimum Curvature
Wellbore:	WB00		
Design:	Permitting Design		

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	89.76	179.74	11,599.44	-4,162.99	-308.08	4,169.90	0.00	0.00	0.00	
15,800.00	89.76	179.74	11,599.86	-4,262.99	-307.62	4,269.89	0.00	0.00	0.00	
15,900.00	89.76	179.74	11,600.28	-4,362.98	-307.17	4,369.75	0.00	0.00	0.00	
16,000.00	89.76	179.74	11,600.71	-4,462.98	-306.71	4,469.74	0.00	0.00	0.00	
16,100.00	89.76	179.74	11,601.13	-4,562.98	-306.25	4,569.69	0.00	0.00	0.00	
16,200.00	89.75	179.74	11,601.56	-4,662.98	-305.79	4,669.64	0.00	0.00	0.00	
16,300.00	89.76	179.74	11,601.99	-4,762.98	-305.33	4,769.59	0.00	0.00	0.00	
16,400.00	89.75	179.74	11,602.42	-4,862.97	-304.87	4,869.53	0.00	0.00	0.00	
16,500.00	89.75	179.74	11,602.85	-4,962.97	-304.41	4,969.48	0.00	0.00	0.00	
16,600.00	89.75	179.74	11,603.29	-5,062.97	-303.96	5,069.43	0.00	0.00	0.00	
16,700.00	89.75	179.74	11,603.73	-5,162.97	-303.50	5,169.37	0.00	0.00	0.00	
16,800.00	89.75	179.74	11,604.16	-5,262.97	-303.04	5,269.32	0.00	0.00	0.00	
16,900.00	89.75	179.74	11,604.61	-5,362.96	-302.58	5,369.27	0.00	0.00	0.00	
17,000.00	89.75	179.74	11,605.05	-5,462.96	-302.12	5,469.21	0.00	0.00	0.00	
17,100.00	89.74	179.74	11,605.49	-5,562.96	-301.66	5,569.16	0.00	0.00	0.00	
17,200.00	89.74	179.74	11,605.94	-5,662.96	-301.21	5,669.11	0.00	0.00	0.00	
17,300.00	89.74	179.74	11,606.39	-5,762.96	-300.75	5,769.06	0.00	0.00	0.00	
17,400.00	89.74	179.74	11,606.84	-5,862.95	-300.29	5,869.00	0.00	0.00	0.00	
17,500.00	89.74	179.74	11,607.29	-5,962.95	-299.83	5,968.95	0.00	0.00	0.00	
17,600.00	89.74	179.74	11,607.74	-6,062.95	-299.37	6,068.90	0.00	0.00	0.00	
17,700.00	89.74	179.74	11,608.20	-6,162.95	-298.91	6,168.85	0.00	0.00	0.00	
17,800.00	89.74	179.74	11,608.66	-6,262.95	-298.45	6,268.79	0.00	0.00	0.00	
17,900.00	89.74	179.74	11,609.12	-6,362.94	-298.00	6,368.74	0.00	0.00	0.00	
18,000.00	89.74	179.74	11,609.58	-6,462.94	-297.54	6,468.69	0.00	0.00	0.00	
18,100.00	89.73	179.74	11,610.04	-6,562.94	-297.08	6,568.63	0.00	0.00	0.00	
18,200.00	89.73	179.74	11,610.50	-6,662.94	-296.62	6,668.58	0.00	0.00	0.00	
18,300.00	89.73	179.74	11,610.97	-6,762.93	-296.16	6,768.53	0.00	0.00	0.00	
18,400.00	89.73	179.74	11,611.44	-6,862.93	-295.70	6,868.48	0.00	0.00	0.00	
18,500.00	89.73	179.74	11,611.91	-6,962.93	-295.25	6,968.42	0.00	0.00	0.00	
18,600.00	89.73	179.74	11,612.38	-7,062.93	-294.79	7,068.37	0.00	0.00	0.00	
18,700.00	89.73	179.74	11,612.86	-7,162.93	-294.33	7,168.32	0.00	0.00	0.00	
18,800.00	89.73	179.74	11,613.33	-7,262.92	-293.87	7,268.26	0.00	0.00	0.00	
18,900.00	89.73	179.74	11,613.81	-7,362.92	-293.41	7,368.21	0.00	0.00	0.00	
19,000.00	89.72	179.74	11,614.29	-7,462.92	-292.95	7,468.16	0.00	0.00	0.00	
19,100.00	89.72	179.74	11,614.77	-7,562.92	-292.50	7,568.11	0.00	0.00	0.00	
19,200.00	89.72	179.74	11,615.26	-7,662.91	-292.04	7,668.05	0.00	0.00	0.00	
19,300.00	89.72	179.74	11,615.74	-7,762.91	-291.58	7,768.00	0.00	0.00	0.00	
19,400.00	89.72	179.74	11,616.23	-7,862.91	-291.12	7,867.95	0.00	0.00	0.00	
19,500.00	89.72	179.74	11,616.72	-7,962.91	-290.66	7,967.89	0.00	0.00	0.00	
19,600.00	89.72	179.74	11,617.21	-8,062.91	-290.20	8,067.84	0.00	0.00	0.00	
19,700.00	89.72	179.74	11,617.70	-8,162.90	-289.74	8,167.79	0.00	0.00	0.00	
19,800.00	89.72	179.74	11,618.20	-8,262.90	-289.29	8,267.74	0.00	0.00	0.00	
19,900.00	89.71	179.74	11,618.70	-8,362.90	-288.83	8,367.68	0.00	0.00	0.00	
20,000.00	89.71	179.74	11,619.19	-8,462.90	-288.37	8,467.63	0.00	0.00	0.00	
20,100.00	89.71	179.74	11,619.69	-8,562.89	-287.91	8,567.58	0.00	0.00	0.00	
20,200.00	89.71	179.74	11,620.20	-8,662.89	-287.45	8,667.52	0.00	0.00	0.00	
20,300.00	89.71	179.74	11,620.70	-8,762.89	-286.99	8,767.47	0.00	0.00	0.00	
20,400.00	89.71	179.74	11,621.21	-8,862.89	-286.54	8,867.42	0.00	0.00	0.00	
20,500.00	89.71	179.74	11,621.71	-8,962.89	-286.08	8,967.37	0.00	0.00	0.00	
20,600.00	89.71	179.74	11,622.22	-9,062.88	-285.62	9,067.31	0.00	0.00	0.00	
20,700.00	89.71	179.74	11,622.74	-9,162.88	-285.16	9,167.26	0.00	0.00	0.00	
20,800.00	89.71	179.74	11,623.25	-9,262.88	-284.70	9,267.21	0.00	0.00	0.00	
20,900.00	89.70	179.74	11,623.76	-9,362.88	-284.24	9,367.15	0.00	0.00	0.00	
21,000.00	89.70	179.74	11,624.28	-9,462.87	-283.78	9,467.10	0.00	0.00	0.00	

Oxy Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3441.30ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3441.30ft
Site:	PLATINUM MDP1 34-3 FED COM	North Reference:	Grid
Well:	PLATINUM MDP1 34-3 FED COM 171H	Survey Calculation Method:	Minimum Curvature
Wellbore:	WB00		
Design:	Permitting Design		

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)	
21,100.00	89.70	179.74	11,624.80	-9,562.87	-283.33	9,567.05	0.00	0.00	0.00	
21,200.00	89.70	179.74	11,625.32	-9,662.87	-282.87	9,666.99	0.00	0.00	0.00	
21,300.00	89.70	179.74	11,625.85	-9,762.87	-282.41	9,766.94	0.00	0.00	0.00	
21,400.00	89.70	179.74	11,626.37	-9,862.86	-281.95	9,866.89	0.00	0.00	0.00	
21,500.00	89.70	179.74	11,626.90	-9,962.86	-281.49	9,966.83	0.00	0.00	0.00	
21,600.00	89.70	179.74	11,627.42	-10,062.86	-281.03	10,066.78	0.00	0.00	0.00	
21,700.00	89.70	179.74	11,627.96	-10,162.86	-280.58	10,166.73	0.00	0.00	0.00	
21,708.48	89.70	179.74	11,628.00	-10,171.33	-280.54	10,175.20	0.01	-0.01	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PLATINUM_171H_KO - hit/miss target center - Shape - Point	0.00	0.00	11,012.04	168.17	-327.94	461,700.56	714,595.06	32° 16' 4.964610 N	103° 46' 22.020362	
PLATINUM_171H_BH - plan hits target center - Point	0.00	0.00	11,628.00	-10,171.33	-280.54	451,361.66	714,642.46	32° 14' 22.653130 N	103° 46' 22.097004	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
8,420.00	8,420.00	0.00	0.00	STEP OUT DLS 2.00	
8,919.80	8,917.27	19.84	-38.70	HOLD 10 DEG TANGENT	
10,541.93	10,514.77	148.33	-289.24	DROP BACK TO VERTICAL DLS 2.00	
11,041.73	11,012.04	168.17	-327.94	BUILD CURVE 10 DEG / 100	
11,939.73	11,584.99	-402.78	-325.32	LANDING POINT	
21,708.48	11,628.00	-10,171.33	-280.54	TD at 21708.48	



Occidental Oil and Gas Corporation
ATTN: Amjad Abdelrahman
5 Greenway Plaza, Suite 110
Houston, TX 77046
713-366-5198
amjad_abdelrahman@oxy.com

February 26, 2019

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 171H
T24S R31E, Section 10 – Units D, C, E and F, Eddy County
T23S R31E Section 27 – Units L, K, M and N, Eddy County

Dear Mr. Lowe:

Oxy USA Inc. respectfully seeks approval for a non-standard location, decreasing the first and last take point for Sunrise Platinum MDP1 34-3 Federal Com 171H in the Wolfcamp formation of the Purple Sage Pool from 330 feet to 100 feet. It is Oxy's responsibility as a prudent operator to maximize lateral length of horizontal wells and minimize reserves left in the ground. Decreasing the first and last take points will increase this well's effective lateral length by 460 feet, and increase the estimated ultimate recovery of the well by approximately 5%. Any increase in first and last take points would result in untapped reserves left in the reservoir, and waste of a resource that would not be developed otherwise.

Sincerely,

A handwritten signature in black ink, appearing to read "Amjad", with a stylized flourish extending to the right.

Amjad Abdelrahman, P.E.
Sr. Reservoir Engineer

Lowe, Leonard, EMNRD

From: Chapman, Sarah E <Sarah_Chapman@oxy.com>
Sent: Tuesday, March 5, 2019 9:11 AM
To: Lowe, Leonard, EMNRD
Cc: Morris, Justin C
Subject: [EXT] OXY USA Inc. NSL Applications - Platinum MDP1 34-3 Fd Com 171H-176H and Sterling Silver MDP1 33-4 Fd Com 171H-179H
Attachments: PlatinumMDP1-34-3FdCom171H_LLSubmittal.pdf; PlatinumMDP134-3FdCom172H_LLSubmittal.pdf; PlatinumMDP1-34-3FdCom175H_LLSubmittal.pdf; SterlingSilverMDP1-33-4FdCom171H_LLSubmittal.pdf; SterlingSilverMDP1-33-4FdCom172H_LLSubmittal.pdf; SterlingSilverMDP1-33-4FdCom175H_LLSubmittal.pdf; SterlingSilverMDP1-33-4FdCom177H_LLSubmittal.pdf; SterlingSilverMDP1-33-4FdCom178H_LLSubmittal.pdf; PlatinumMDP134-3FdCom174H_LLSubmittal.pdf; PlatinumMDP134-3FdCom176H_LLSubmittal.pdf; SterlingSilverMDP1-33-4FdCom179H_LLSubmittal.pdf

Good morning Mr. Lowe,
Attached you will find NSL applications for the above referenced wells.
Please advise if you have any questions.

Thank you,

Sarah Chapman

Regulatory Specialist | Permian Resources – New Mexico
Office: (713) 350-4997 | 29.097 | Cell: (281) 642-5503
Email: Sarah_Chapman@oxy.com