

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 06 2018

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM43744

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PLATINUM MDP1 34-3 FEDERAL COM 1719. API Well No.
30-015-45230-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

Carlsbad Field Office
OCD Artesia

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OXY USA INCORPORATEDContact: DAVID STEWART
E-Mail: david_stewart@oxy.com3a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 432.685.5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T23S R31E NWNW 220FNL 767FWL
32.267578 N Lat, 103.771729 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Change to Original A
PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

OXY USA Inc, respectfully requests to amend the approved APD.

The surface location and well pad had to be moved 260' to the east to avoid a surface obstacle, this move was approved by the BLM.

See attached for Amended Drill Plan, Surface Use Plan of Operations, Directional Plan and Plot, C-102 Plat and other misc surveys and plats.

Cc 11-8-18
Accepted for record - NMOC

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #440414 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/22/2018 (19PP0192SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 10/18/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

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 page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RWP 11-15-18 N5P Required
NSL

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone: (505) 393-6161 Fax: (505) 393-0720
 District II
 811 S. First St., Artesia, NM 88210
 Phone: (505) 748-1233 Fax: (505) 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 30015-45230	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

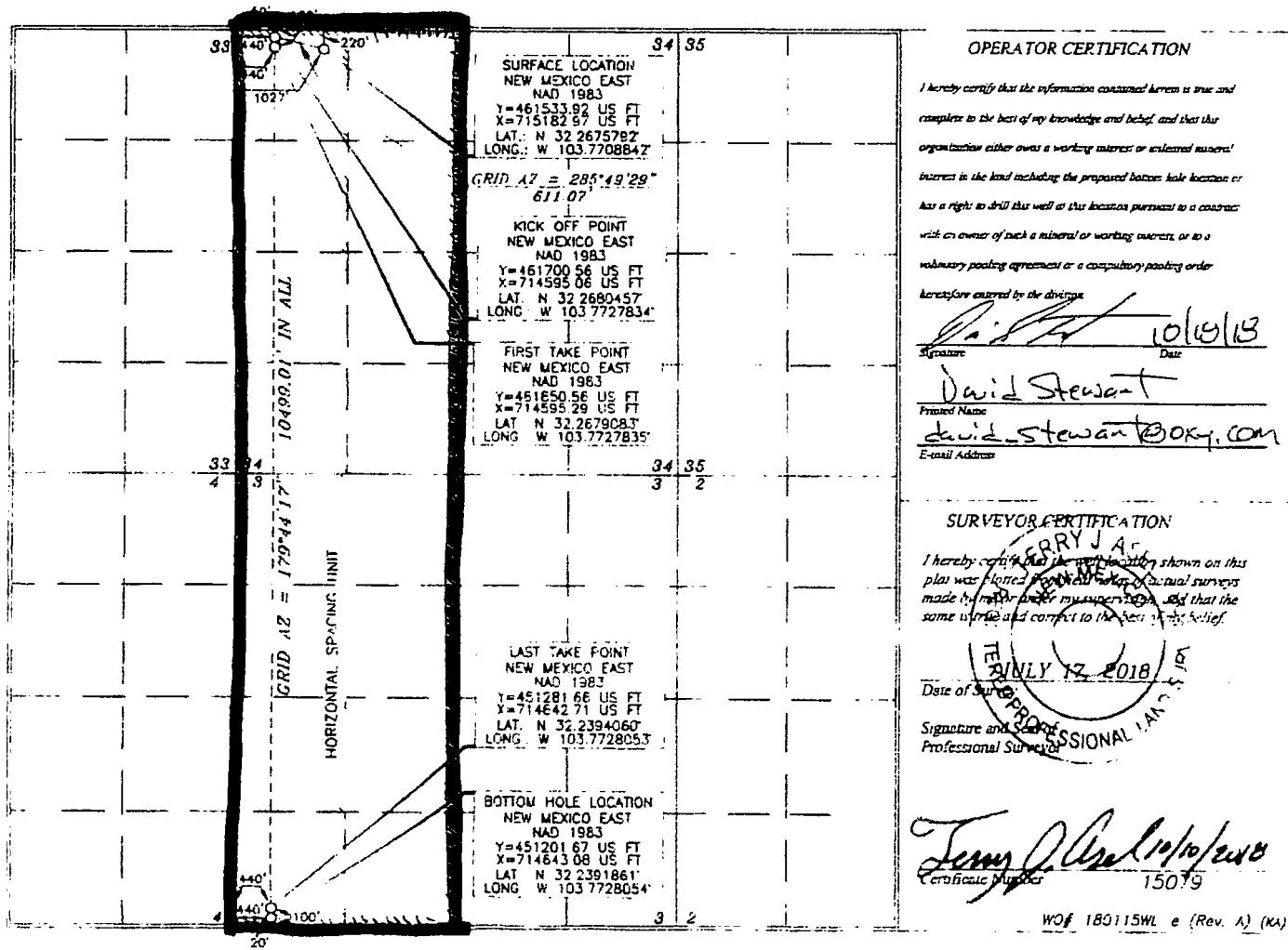
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23 SOUTH	31 EAST, N.M.P.M.		220'	NORTH	1027'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	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 1640.33	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 the
 organization either owns a working interest or selected 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: 10/16/13
 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 actual surveys
 made by me or under my supervision, and that the
 same are true and correct to the best of my belief.

Date of Survey: JULY 12, 2013
 Signature and Seal: James J. Ferris
 Professional Surveyor
 Certificate Number: 15079

RWP/11-15-18

NSP/NSL

OXY

PRD NM DIRECTIONAL PLANS (NAD 1983)

PLATINUM MDP1 34-3 FED COM

PLATINUM MDP1 34-3 FED COM 171H

WB00

Plan: Permitting Design

Standard Planning Report

16 October, 2018

Oxy

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well PLATINUM MDP1 34-3 FED COM 171H
Company:	ENGINEERING DESIGNS	TVD Reference:	Datum @ 3449.70ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	Datum @ 3449.70ft
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:	50.00 ft	Slot Radius:	13.200 in
			Grid Convergence: 0.30 °

Well	PLATINUM MDP1 34-3 FED COM 171H		
Well Position	+N/-S	181.49 ft	Northing: 461,533.92 usft
	+E/-W	259.04 ft	Easting: 715,182.97 usft
Position Uncertainty	2.00 ft	Wellhead Elevation:	0.00 ft
		Ground Level:	3,423.20 ft

Wellbore	WB00				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	3/28/2018	6.88	60.02	48,086

Design	Permitting Design			
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	182.99

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	
7,045.00	0.00	0.00	7,045.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,545.00	10.00	285.83	7,542.46	11.87	-41.87	2.00	2.00	0.00	285.83	
10,562.96	10.00	285.83	10,514.58	154.78	-546.07	0.00	0.00	0.00	0.00	
11,062.96	0.00	179.74	11,012.04	166.65	-587.94	2.00	-2.00	0.00	180.00	PLATINUM_171H_
11,960.96	89.80	179.74	11,584.99	-404.30	-585.33	10.00	10.00	0.00	179.74	
21,889.71	89.70	179.74	11,628.00	-10,332.85	-539.92	0.00	0.00	0.00	-180.00	PLATINUM_171H_

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 171H
Wellbore: WB00
Design: Permitting Design

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 171H
TVD Reference: Datum @ 3449.70ft
MD Reference: Datum @ 3449.70ft
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)
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 171H
Wellbore: WB00
Design: Permitting Design

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 171H
TVD Reference: Datum @ 3449.70ft
MD Reference: Datum @ 3449.70ft
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
6,100.00	0.00	0.00	6,100.00	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
6,300.00	0.00	0.00	6,300.00	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
6,500.00	0.00	0.00	6,500.00	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
6,700.00	0.00	0.00	6,700.00	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
6,900.00	0.00	0.00	6,900.00	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
7,045.00	0.00	0.00	7,045.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	1.10	285.83	7,100.00	0.14	-0.51	-0.12	2.00	2.00	0.00
7,200.00	3.10	285.83	7,199.92	1.14	-4.03	-0.93	2.00	2.00	0.00
7,300.00	5.10	285.83	7,299.66	3.09	-10.91	-2.52	2.00	2.00	0.00
7,400.00	7.10	285.83	7,399.09	5.99	-21.13	-4.88	2.00	2.00	0.00
7,500.00	9.10	285.83	7,498.09	9.83	-34.69	-8.01	2.00	2.00	0.00
7,545.00	10.00	285.83	7,542.46	11.87	-41.87	-9.67	2.00	2.00	0.00
7,600.00	10.00	285.83	7,596.63	14.47	-51.06	-11.79	0.00	0.00	0.00
7,700.00	10.00	285.83	7,695.11	19.21	-67.77	-15.65	0.00	0.00	0.00
7,800.00	10.00	285.83	7,793.59	23.94	-84.47	-19.50	0.00	0.00	0.00
7,900.00	10.00	285.83	7,892.07	28.68	-101.18	-23.36	0.00	0.00	0.00
8,000.00	10.00	285.83	7,990.55	33.41	-117.89	-27.22	0.00	0.00	0.00
8,100.00	10.00	285.83	8,089.03	38.15	-134.59	-31.07	0.00	0.00	0.00
8,200.00	10.00	285.83	8,187.51	42.89	-151.30	-34.93	0.00	0.00	0.00
8,300.00	10.00	285.83	8,286.00	47.62	-168.01	-38.79	0.00	0.00	0.00
8,400.00	10.00	285.83	8,384.48	52.36	-184.71	-42.65	0.00	0.00	0.00
8,500.00	10.00	285.83	8,482.96	57.09	-201.42	-46.50	0.00	0.00	0.00
8,600.00	10.00	285.83	8,581.44	61.83	-218.13	-50.36	0.00	0.00	0.00
8,700.00	10.00	285.83	8,679.92	66.56	-234.83	-54.22	0.00	0.00	0.00
8,800.00	10.00	285.83	8,778.40	71.30	-251.54	-58.07	0.00	0.00	0.00
8,900.00	10.00	285.83	8,876.88	76.03	-268.25	-61.93	0.00	0.00	0.00
9,000.00	10.00	285.83	8,975.36	80.77	-284.95	-65.79	0.00	0.00	0.00
9,100.00	10.00	285.83	9,073.84	85.50	-301.66	-69.65	0.00	0.00	0.00
9,200.00	10.00	285.83	9,172.32	90.24	-318.37	-73.50	0.00	0.00	0.00
9,300.00	10.00	285.83	9,270.80	94.97	-335.07	-77.36	0.00	0.00	0.00
9,400.00	10.00	285.83	9,369.28	99.71	-351.78	-81.22	0.00	0.00	0.00
9,500.00	10.00	285.83	9,467.76	104.45	-368.49	-85.08	0.00	0.00	0.00
9,600.00	10.00	285.83	9,566.25	109.18	-385.19	-88.93	0.00	0.00	0.00
9,700.00	10.00	285.83	9,664.73	113.92	-401.90	-92.79	0.00	0.00	0.00
9,800.00	10.00	285.83	9,763.21	118.65	-418.61	-96.65	0.00	0.00	0.00
9,900.00	10.00	285.83	9,861.69	123.39	-435.31	-100.50	0.00	0.00	0.00
10,000.00	10.00	285.83	9,960.17	128.12	-452.02	-104.36	0.00	0.00	0.00
10,100.00	10.00	285.83	10,058.65	132.86	-468.73	-108.22	0.00	0.00	0.00
10,200.00	10.00	285.83	10,157.13	137.59	-485.43	-112.08	0.00	0.00	0.00
10,300.00	10.00	285.83	10,255.61	142.33	-502.14	-115.93	0.00	0.00	0.00
10,400.00	10.00	285.83	10,354.09	147.06	-518.85	-119.79	0.00	0.00	0.00
10,500.00	10.00	285.83	10,452.57	151.80	-535.55	-123.65	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 171H
Wellbore: WB00
Design: Permitting Design

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 171H
TVD Reference: Datum @ 3449.70ft
MD Reference: Datum @ 3449.70ft
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)
10,562.96	10.00	285.83	10,514.58	154.78	-546.07	-126.08	0.00	0.00	0.00
10,600.00	9.26	285.83	10,551.09	156.47	-552.03	-127.45	2.00	-2.00	0.00
10,700.00	7.26	285.83	10,650.05	160.39	-565.85	-130.64	2.00	-2.00	0.00
10,800.00	5.26	285.83	10,749.45	163.36	-576.34	-133.06	2.00	-2.00	0.00
10,900.00	3.26	285.83	10,849.17	165.39	-583.49	-134.71	2.00	-2.00	0.00
11,000.00	1.26	285.83	10,949.09	166.46	-587.28	-135.59	2.00	-2.00	0.00
11,062.96	0.00	179.74	11,012.04	166.65	-587.94	-135.74	2.00	-2.00	0.00
11,100.00	3.70	179.74	11,049.06	165.45	-587.94	-134.55	10.00	10.00	0.00
11,200.00	13.70	179.74	11,147.78	150.34	-587.87	-119.46	10.00	10.00	0.00
11,300.00	23.70	179.74	11,242.38	118.31	-587.72	-87.48	10.00	10.00	0.00
11,400.00	33.70	179.74	11,329.98	70.34	-587.50	-39.59	10.00	10.00	0.00
11,500.00	43.70	179.74	11,407.92	7.89	-587.22	22.76	10.00	10.00	0.00
11,600.00	53.70	179.74	11,473.83	-67.14	-586.87	97.67	10.00	10.00	0.00
11,700.00	63.70	179.74	11,525.71	-152.48	-586.48	182.88	10.00	10.00	0.00
11,800.00	73.70	179.74	11,561.98	-245.53	-586.06	275.78	10.00	10.00	0.00
11,900.00	83.70	179.74	11,581.54	-343.47	-585.61	373.56	10.00	10.00	0.00
11,960.96	89.80	179.74	11,584.99	-404.30	-585.33	434.29	10.00	10.00	0.00
12,000.00	89.80	179.74	11,585.13	-443.34	-585.15	473.27	0.00	0.00	0.00
12,100.00	89.80	179.74	11,585.48	-543.34	-584.70	573.11	0.00	0.00	0.00
12,200.00	89.80	179.74	11,585.83	-643.34	-584.24	672.95	0.00	0.00	0.00
12,300.00	89.80	179.74	11,586.19	-743.34	-583.78	772.79	0.00	0.00	0.00
12,400.00	89.80	179.74	11,586.54	-843.34	-583.32	872.63	0.00	0.00	0.00
12,500.00	89.79	179.74	11,586.90	-943.33	-582.87	972.46	0.00	0.00	0.00
12,600.00	89.79	179.74	11,587.26	-1,043.33	-582.41	1,072.30	0.00	0.00	0.00
12,700.00	89.79	179.74	11,587.62	-1,143.33	-581.95	1,172.14	0.00	0.00	0.00
12,800.00	89.79	179.74	11,587.98	-1,243.33	-581.50	1,271.98	0.00	0.00	0.00
12,900.00	89.79	179.74	11,588.35	-1,343.33	-581.04	1,371.82	0.00	0.00	0.00
13,000.00	89.79	179.74	11,588.71	-1,443.33	-580.58	1,471.66	0.00	0.00	0.00
13,100.00	89.79	179.74	11,589.08	-1,543.32	-580.12	1,571.49	0.00	0.00	0.00
13,200.00	89.79	179.74	11,589.45	-1,643.32	-579.67	1,671.33	0.00	0.00	0.00
13,300.00	89.79	179.74	11,589.82	-1,743.32	-579.21	1,771.17	0.00	0.00	0.00
13,400.00	89.79	179.74	11,590.19	-1,843.32	-578.75	1,871.01	0.00	0.00	0.00
13,500.00	89.79	179.74	11,590.57	-1,943.32	-578.29	1,970.85	0.00	0.00	0.00
13,600.00	89.78	179.74	11,590.94	-2,043.32	-577.84	2,070.68	0.00	0.00	0.00
13,700.00	89.78	179.74	11,591.32	-2,143.31	-577.38	2,170.52	0.00	0.00	0.00
13,800.00	89.78	179.74	11,591.70	-2,243.31	-576.92	2,270.36	0.00	0.00	0.00
13,900.00	89.78	179.74	11,592.08	-2,343.31	-576.46	2,370.20	0.00	0.00	0.00
14,000.00	89.78	179.74	11,592.46	-2,443.31	-576.01	2,470.04	0.00	0.00	0.00
14,100.00	89.78	179.74	11,592.85	-2,543.31	-575.55	2,569.88	0.00	0.00	0.00
14,200.00	89.78	179.74	11,593.23	-2,643.31	-575.09	2,669.71	0.00	0.00	0.00
14,300.00	89.78	179.74	11,593.62	-2,743.30	-574.63	2,769.55	0.00	0.00	0.00
14,400.00	89.78	179.74	11,594.01	-2,843.30	-574.18	2,869.39	0.00	0.00	0.00
14,500.00	89.78	179.74	11,594.40	-2,943.30	-573.72	2,969.23	0.00	0.00	0.00
14,600.00	89.77	179.74	11,594.80	-3,043.30	-573.26	3,069.07	0.00	0.00	0.00
14,700.00	89.77	179.74	11,595.19	-3,143.30	-572.81	3,168.90	0.00	0.00	0.00
14,800.00	89.77	179.74	11,595.59	-3,243.29	-572.35	3,268.74	0.00	0.00	0.00
14,900.00	89.77	179.74	11,595.99	-3,343.29	-571.89	3,368.58	0.00	0.00	0.00
15,000.00	89.77	179.74	11,596.38	-3,443.29	-571.43	3,468.42	0.00	0.00	0.00
15,100.00	89.77	179.74	11,596.79	-3,543.29	-570.98	3,568.26	0.00	0.00	0.00
15,200.00	89.77	179.74	11,597.19	-3,643.29	-570.52	3,668.09	0.00	0.00	0.00
15,300.00	89.77	179.74	11,597.59	-3,743.28	-570.06	3,767.93	0.00	0.00	0.00
15,400.00	89.77	179.74	11,598.00	-3,843.28	-569.60	3,867.77	0.00	0.00	0.00
15,500.00	89.77	179.74	11,598.41	-3,943.28	-569.15	3,967.61	0.00	0.00	0.00
15,600.00	89.76	179.74	11,598.82	-4,043.28	-568.69	4,067.45	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 171H
Wellbore: WB00
Design: Permitting Design

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 171H
TVD Reference: Datum @ 3449.70ft
MD Reference: Datum @ 3449.70ft
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)
15,700.00	89.76	179.74	11,599.23	-4,143.28	-568.23	4,167.28	0.00	0.00	0.00
15,800.00	89.76	179.74	11,599.64	-4,243.28	-567.77	4,267.12	0.00	0.00	0.00
15,900.00	89.76	179.74	11,600.06	-4,343.27	-567.32	4,366.96	0.00	0.00	0.00
16,000.00	89.76	179.74	11,600.47	-4,443.27	-566.86	4,466.80	0.00	0.00	0.00
16,100.00	89.76	179.74	11,600.89	-4,543.27	-566.40	4,566.64	0.00	0.00	0.00
16,200.00	89.76	179.74	11,601.31	-4,643.27	-565.94	4,666.47	0.00	0.00	0.00
16,300.00	89.76	179.74	11,601.73	-4,743.27	-565.49	4,766.31	0.00	0.00	0.00
16,400.00	89.76	179.74	11,602.16	-4,843.26	-565.03	4,866.15	0.00	0.00	0.00
16,500.00	89.76	179.74	11,602.58	-4,943.26	-564.57	4,965.99	0.00	0.00	0.00
16,600.00	89.75	179.74	11,603.01	-5,043.26	-564.12	5,065.83	0.00	0.00	0.00
16,700.00	89.75	179.74	11,603.44	-5,143.26	-563.66	5,165.66	0.00	0.00	0.00
16,800.00	89.75	179.74	11,603.87	-5,243.26	-563.20	5,265.50	0.00	0.00	0.00
16,900.00	89.75	179.74	11,604.30	-5,343.25	-562.74	5,365.34	0.00	0.00	0.00
17,000.00	89.75	179.74	11,604.73	-5,443.25	-562.29	5,465.18	0.00	0.00	0.00
17,100.00	89.75	179.74	11,605.17	-5,543.25	-561.83	5,565.02	0.00	0.00	0.00
17,200.00	89.75	179.74	11,605.61	-5,643.25	-561.37	5,664.85	0.00	0.00	0.00
17,300.00	89.75	179.74	11,606.05	-5,743.25	-560.91	5,764.69	0.00	0.00	0.00
17,400.00	89.75	179.74	11,606.49	-5,843.24	-560.46	5,864.53	0.00	0.00	0.00
17,500.00	89.75	179.74	11,606.93	-5,943.24	-560.00	5,964.37	0.00	0.00	0.00
17,600.00	89.75	179.74	11,607.37	-6,043.24	-559.54	6,064.20	0.00	0.00	0.00
17,700.00	89.74	179.74	11,607.82	-6,143.24	-559.08	6,164.04	0.00	0.00	0.00
17,800.00	89.74	179.74	11,608.26	-6,243.24	-558.63	6,263.88	0.00	0.00	0.00
17,900.00	89.74	179.74	11,608.71	-6,343.23	-558.17	6,363.72	0.00	0.00	0.00
18,000.00	89.74	179.74	11,609.16	-6,443.23	-557.71	6,463.56	0.00	0.00	0.00
18,100.00	89.74	179.74	11,609.62	-6,543.23	-557.25	6,563.39	0.00	0.00	0.00
18,200.00	89.74	179.74	11,610.07	-6,643.23	-556.80	6,663.23	0.00	0.00	0.00
18,300.00	89.74	179.74	11,610.52	-6,743.23	-556.34	6,763.07	0.00	0.00	0.00
18,400.00	89.74	179.74	11,610.98	-6,843.22	-555.88	6,862.91	0.00	0.00	0.00
18,500.00	89.74	179.74	11,611.44	-6,943.22	-555.43	6,962.75	0.00	0.00	0.00
18,600.00	89.74	179.74	11,611.90	-7,043.22	-554.97	7,062.58	0.00	0.00	0.00
18,700.00	89.73	179.74	11,612.36	-7,143.22	-554.51	7,162.42	0.00	0.00	0.00
18,800.00	89.73	179.74	11,612.83	-7,243.22	-554.05	7,262.26	0.00	0.00	0.00
18,900.00	89.73	179.74	11,613.29	-7,343.21	-553.60	7,362.10	0.00	0.00	0.00
19,000.00	89.73	179.74	11,613.76	-7,443.21	-553.14	7,461.93	0.00	0.00	0.00
19,100.00	89.73	179.74	11,614.23	-7,543.21	-552.68	7,561.77	0.00	0.00	0.00
19,200.00	89.73	179.74	11,614.70	-7,643.21	-552.22	7,661.61	0.00	0.00	0.00
19,300.00	89.73	179.74	11,615.17	-7,743.20	-551.77	7,761.45	0.00	0.00	0.00
19,400.00	89.73	179.74	11,615.65	-7,843.20	-551.31	7,861.29	0.00	0.00	0.00
19,500.00	89.73	179.74	11,616.12	-7,943.20	-550.85	7,961.12	0.00	0.00	0.00
19,600.00	89.73	179.74	11,616.60	-8,043.20	-550.39	8,060.96	0.00	0.00	0.00
19,700.00	89.72	179.74	11,617.08	-8,143.20	-549.94	8,160.80	0.00	0.00	0.00
19,800.00	89.72	179.74	11,617.56	-8,243.19	-549.48	8,260.64	0.00	0.00	0.00
19,900.00	89.72	179.74	11,618.04	-8,343.19	-549.02	8,360.47	0.00	0.00	0.00
20,000.00	89.72	179.74	11,618.53	-8,443.19	-548.56	8,460.31	0.00	0.00	0.00
20,100.00	89.72	179.74	11,619.01	-8,543.19	-548.11	8,560.15	0.00	0.00	0.00
20,200.00	89.72	179.74	11,619.50	-8,643.18	-547.65	8,659.99	0.00	0.00	0.00
20,300.00	89.72	179.74	11,619.99	-8,743.18	-547.19	8,759.82	0.00	0.00	0.00
20,400.00	89.72	179.74	11,620.48	-8,843.18	-546.73	8,859.66	0.00	0.00	0.00
20,500.00	89.72	179.74	11,620.98	-8,943.18	-546.28	8,959.50	0.00	0.00	0.00
20,600.00	89.72	179.74	11,621.47	-9,043.18	-545.82	9,059.34	0.00	0.00	0.00
20,700.00	89.72	179.74	11,621.97	-9,143.17	-545.36	9,159.17	0.00	0.00	0.00
20,800.00	89.71	179.74	11,622.46	-9,243.17	-544.91	9,259.01	0.00	0.00	0.00
20,900.00	89.71	179.74	11,622.96	-9,343.17	-544.45	9,358.85	0.00	0.00	0.00
21,000.00	89.71	179.74	11,623.47	-9,443.17	-543.99	9,458.69	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 171H
Wellbore: WB00
Design: Permitting Design

Local Co-ordinate Reference: Well PLATINUM MDP1 34-3 FED COM 171H
TVD Reference: Datum @ 3449.70ft
MD Reference: Datum @ 3449.70ft
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)
21,100.00	89.71	179.74	11,623.97	-9,543.16	-543.53	9,558.53	0.00	0.00	0.00
21,200.00	89.71	179.74	11,624.47	-9,643.16	-543.08	9,658.36	0.00	0.00	0.00
21,300.00	89.71	179.74	11,624.98	-9,743.16	-542.62	9,758.20	0.00	0.00	0.00
21,400.00	89.71	179.74	11,625.49	-9,843.16	-542.16	9,858.04	0.00	0.00	0.00
21,500.00	89.71	179.74	11,626.00	-9,943.15	-541.70	9,957.88	0.00	0.00	0.00
21,600.00	89.71	179.74	11,626.51	-10,043.15	-541.25	10,057.71	0.00	0.00	0.00
21,700.00	89.71	179.74	11,627.02	-10,143.15	-540.79	10,157.55	0.00	0.00	0.00
21,800.00	89.70	179.74	11,627.54	-10,243.15	-540.33	10,257.39	0.00	0.00	0.00
21,889.71	89.70	179.74	11,628.00	-10,332.85	-539.92	10,346.95	0.00	0.00	0.00

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_171H_KO - plan hits target center - Point	0.00	0.00	11,012.04	166.65	-587.94	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	-10,332.85	-539.92	451,201.67	714,643.08	32° 14' 21.069906 N	103° 46' 22.099507

Plan Annotations

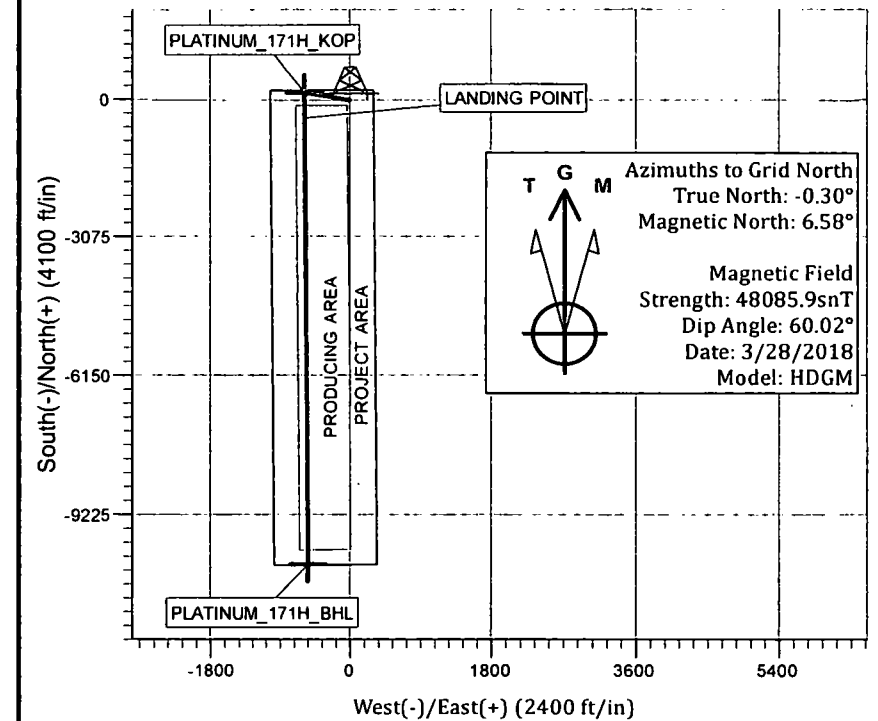
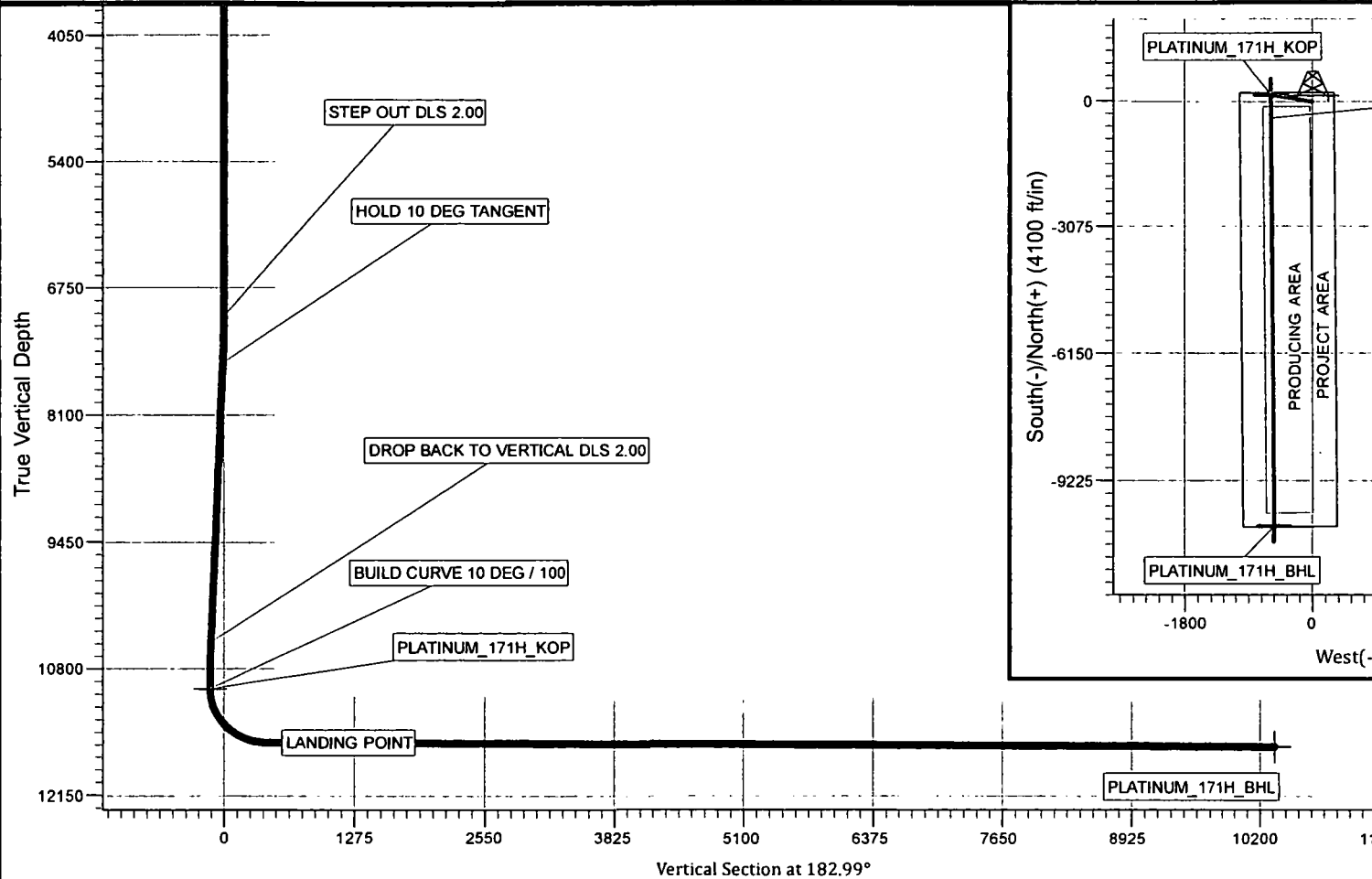
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,045.00	7,045.00	0.00	0.00	STEP OUT DLS 2.00
7,545.00	7,542.46	11.87	-41.87	HOLD 10 DEG TANGENT
10,562.96	10,514.58	154.78	-546.07	DROP BACK TO VERTICAL DLS 2.00
11,062.96	11,012.04	166.65	-587.94	BUILD CURVE 10 DEG / 100
11,960.96	11,584.99	-404.30	-585.33	LANDING POINT
21,889.71	11,628.00	-10,332.85	-539.92	TD at 21889.71



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

Ground Level: 3423.20
+N/-S 0.00 +E/-W 0.00 Northing 461533.92 Easting 715182.97 Latitude 32° 16' 3.285181 N Longitude 103° 46' 15.183263 W
Datum @ 3449.70ft



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	7045.00	0.00	0.00	7045.00	0.00	0.00	0.00	0.00	0.00		STEP OUT DLS 2.00
3	7545.00	10.00	285.83	7542.46	11.87	-41.87	2.00	285.83	-9.67		HOLD 10 DEG TANGENT
4	10562.96	10.00	285.83	10514.58	154.78	-546.07	0.00	0.00	-126.08		DROP BACK TO VERTICAL DLS 2.00
5	11062.96	0.00	179.74	11012.04	166.65	-587.94	2.00	180.00	-135.74		BUILD CURVE 10 DEG / 100
6	11960.96	89.80	179.74	11584.99	-404.30	-585.33	10.00	179.74	434.29		LANDING POINT
7	21889.71	89.70	179.74	11628.00	-10332.85	-539.92	0.00	-180.00	10346.95		TD at 21889.71

OXY USA Inc. - Platinum MDP1 34-3 Federal Com 171H – Amended Drill Plan-3

1. Geologic Formations

TVD of target	11628'	Pilot Hole Depth	N/A
MD at TD:	21889'	Deepest Expected fresh water:	530'

Delaware Basin

Formation	TVD - RKB	Expected Fluids
Rustler	530	
Salado	873	Brine
Castile	2,803	Brine
Lamar/Delaware	4,302	Brine
Bell Canyon	4,328	Oil/Gas
Cherry Canyon	5,220	Oil/Gas
Brushy Canyon	6,481	Losses
Bone Spring	8,147	Oil/Gas
1st Bone Spring	9,210	Oil/Gas
2nd Bone Spring	9,457	Oil/Gas
3rd Bone Spring	10,307	Oil/Gas
Wolfcamp	11,472	Oil/Gas

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	Buoyant	
	From (ft)	To (ft)							Body SF Tension	Joint SF Tension
17.5	0	580	13.375	54.5	J-55	BTC	1.125	1.2	1.4	1.4
12.25	0	4352	9.625	43.5	L-80	BTC	1.125	1.2	1.4	1.4
8.5	0	10962	7.625	26.4	HCL-80	SF (0 ft to 4000 ft) FJ (4000 ft to 10962 ft)	1.125	1.2	1.4	1.4
6.75	0	21889	5.5	20	P-110	DQX	1.125	1.2	1.4	1.4
SF Values will meet or Exceed										

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

*Oxy requests the option to set casing shallower yet still below the salts if losses or hole conditions require this. Cement volumes may be adjusted if casing is set shallower and a DV tool may be run in case hole conditions merit pumping a second stage cement job to comply with permitted top of cement. If cement circulated to surface during first stage, we will drop a cancellation cone and not pump the second stage.

***Oxy requests the option to run production casing with DQX and/or SF TORQ connections to accommodate hole conditions or drilling operations.**

OXY USA Inc. - Platinum MDP1 34-3 Federal Com 171H – Amended Drill Plan-3

Annular Clearance Variance Request

As per the agreement reached in the Oxy/BLM meeting on Feb 22, 2018, Oxy requests permission to allow deviation from the 0.422" annular clearance requirement from Onshore Order #2 under the following conditions:

1. Annular clearance to meet or exceed 0.422" between intermediate casing ID and production casing coupling only on the first 500' overlap between both casings.
2. Annular clearance less than 0.422" is acceptable for the curve and lateral portions of the production open hole section.

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	Y
If yes, are the first three strings cemented to surface?	Y
Is 2 nd string set 100' to 600' below the base of salt?	Y
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

OXY USA Inc. - Platinum MDP1 34-3 Federal Com 171H – Amended Drill Plan-3

3. Cementing Program

Casing String	# Sks	Wt. (lb/gal)	Yld (ft3/sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Surface (Tail)	692	14.8	1.33	6.365	5:26	Class C Cement, Accelerator
Intermediate (Lead)	1203	12.9	1.88	10.130	14:22	Pozzolan Cement, Retarder
Intermediate (Tail)	155	14.8	1.33	6.370	12:45	Class C Cement, Accelerator
Intermediate II 1st Stage (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Intermediate II 1st Stage (Tail)	139	13.2	1.65	8.640	11:54	Class H Cement, Retarder, Dispersant, Salt
Intermediate II 2nd Stage (Tail Slurry) to be pumped as Bradenhead Squeeze from surface, down the Intermediate annulus						
Intermediate II 2nd Stage (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Intermediate II 2nd Stage (Tail)	425	12.9	1.92	10.410	23:10	Class C Cement, Accelerator
Production (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Production (Tail)	838	13.2	1.38	6.686	3:49	Class H Cement, Retarder, Dispersant, Salt

Casing String	Top (ft)	Bottom (ft)	% Excess
Surface (Lead)	N/A	N/A	N/A
Surface (Tail)	0	580	100%
Intermediate (Lead)	0	3852	100%
Intermediate (Tail)	3852	4352	20%
Intermediate II 1st Stage (Lead)	N/A	N/A	N/A
Intermediate II 1st Stage (Tail)	8147	10962	5%
Intermediate II 2nd Stage (Lead)	N/A	N/A	N/A
Intermediate II 2nd Stage (Tail)	0	8147	25%
Production (Lead)	N/A	N/A	N/A
Production (Tail)	10462	21889	20%

4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
12.25" Hole	13-5/8"	5M	Annular	✓	70% of working pressure
			Blind Ram	✓	250/5000psi
			Pipe Ram		
			Double Ram	✓	
			Other*		

*Specify if additional ram is utilized.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

	Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.
	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.
Y	Are anchors required by manufacturer?
	A multibowl or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. We will test the flange connection of the wellhead with a test port that is directly in the flange. We are proposing that we will run the wellhead through the rotary prior to cementing surface casing as discussed with the BLM on October 8, 2015. See attached schematics.

BOP Break Testing Request

As per the agreement reached in the Oxy/BLM meeting on Feb 22, 2018, Oxy requests permission to allow BOP Break Testing under the following conditions:

- After a full BOP test is conducted on the first well on the pad.
- When skidding to drill an intermediate section that does not penetrate into the Wolfcamp.
- Full BOP test will be required prior to drilling any production hole.

OXY USA Inc. - Platinum MDP1 34-3 Federal Com 171H – Amended Drill Plan-3

5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From (ft)	To (ft)				
0	580	Water-Based Mud	8.6-8.8	40-60	N/C
580	4352	Saturated Brine-Based Mud	9.8-10.0	35-45	N/C
4352	10962	Water-Based or Oil-Based Mud	8.0-9.6	38-50	N/C
10962	21889	Water-Based or Oil-Based Mud	9.5-12.0	38-50	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Oxy will use a closed mud system.

What will be used to monitor the loss or gain of fluid?	PVT/MD Totco/Visual Monitoring
---	--------------------------------

6. Logging and Testing Procedures

Logging, Coring and Testing.	
Yes	Will run GR from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
No	Logs are planned based on well control or offset log information.
No	Drill stem test? If yes, explain
No	Coring? If yes, explain

Additional logs planned		Interval
No	Resistivity	
No	Density	
No	CBL	
Yes	Mud log	ICP - TD
No	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	7256 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	174°F

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

Hydrogen Sulfide (H ₂ S) monitors will be installed prior to drilling out the surface shoe. If H ₂ S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H ₂ S is present
Y	H ₂ S Plan attached

8. Other facets of operation

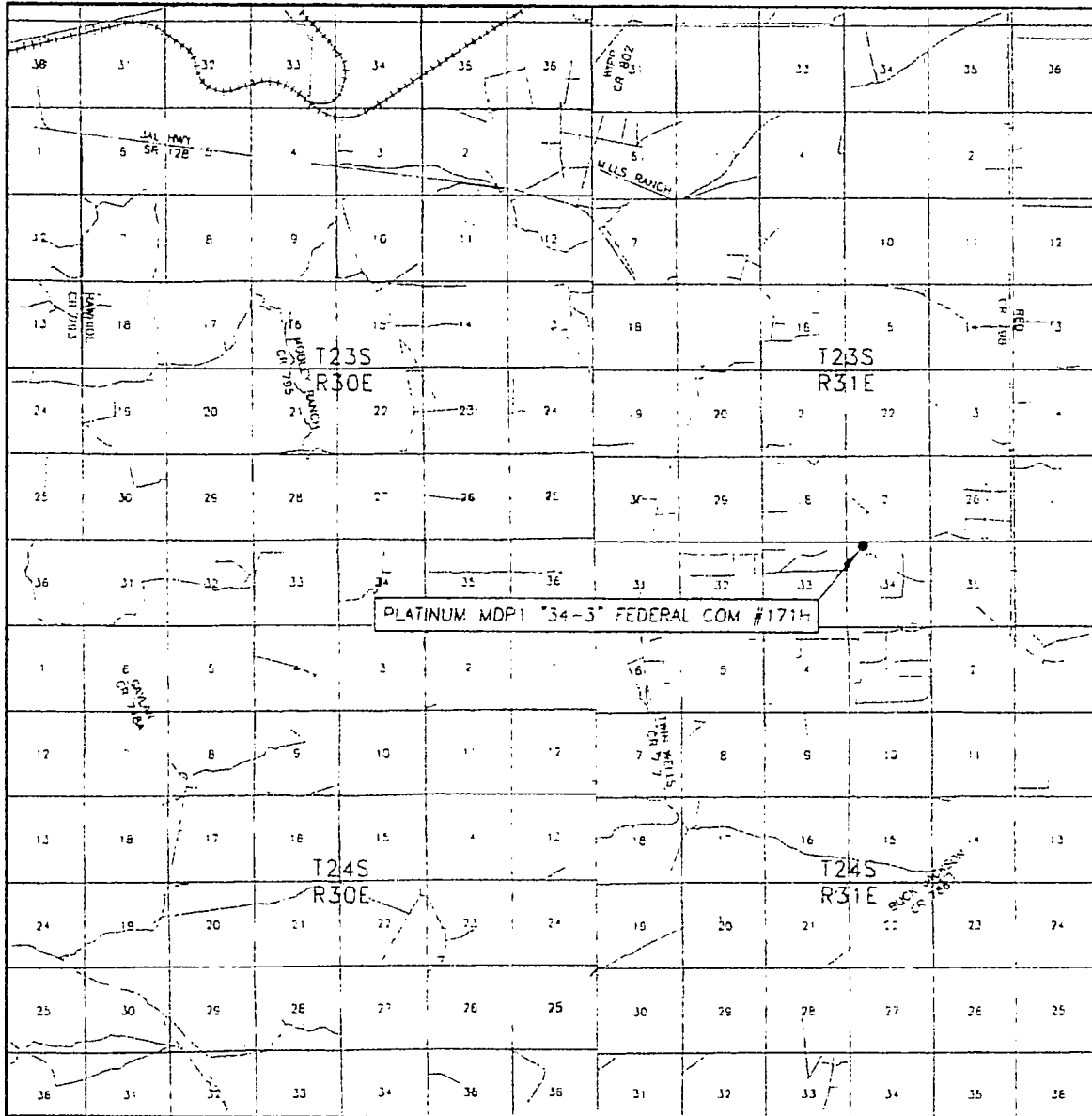
	Yes/No
Will the well be drilled with a walking/skidding operation? If yes, describe. We plan to drill the two well pad in batch by section: all surface sections, intermediate sections and production sections. The wellhead will be secured with a night cap whenever the rig is not over the well.	Yes
Will more than one drilling rig be used for drilling operations? If yes, describe. Oxy requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Oxy would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.	Yes

Total estimated cuttings volume: 1670 bbls.

9. Company Personnel

Name	Title	Office Phone	Mobile Phone
Edgar Diaz-Aguirre	Drilling Engineer	713-552-8594	713-550-2699
Diego Tellez	Drilling Engineer Supervisor	713-350-4602	713-303-4932
Simon Benavides	Drilling Superintendent	713-522-8652	281-684-6897
John Willis	Drilling Manager	713-366-5556	713-259-1417

VICINITY MAP

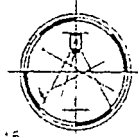


SEC. 34 TWP. 23-S RGE. 31-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 220' FNL & 1027' FWL
 ELEVATION 3423.2'
 OPERATOR OXY USA INC.

SCALE. 1" = 2 MILES

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
 ROGERS, NEW MEXICO - 575-392-545

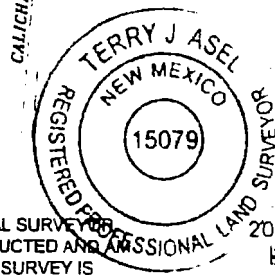
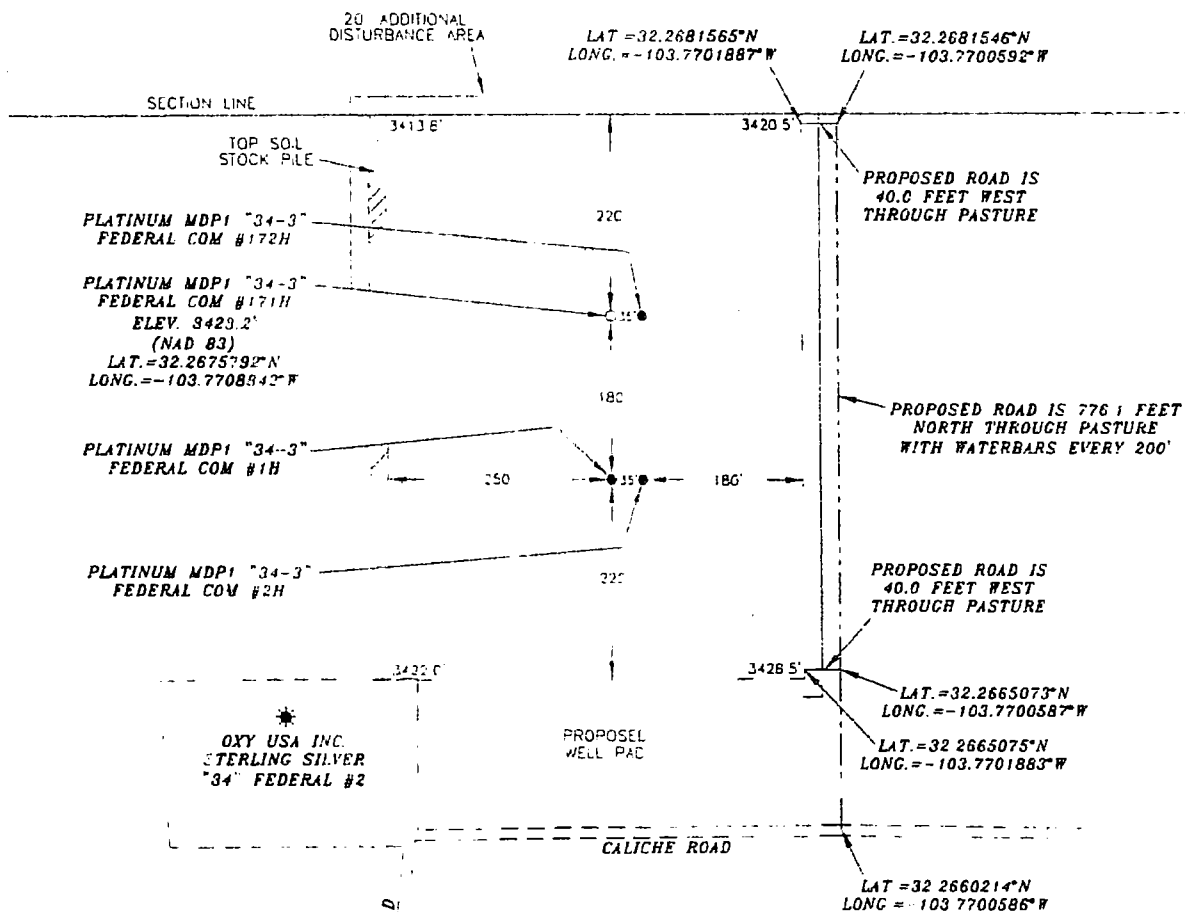


LEASE PLATINUM MDP1 "34-3" FEDERAL COM #171H

DIRECTIONS BEGINNING AT THE INTERSECTION OF N.M. STATE HWY. #128 AND EDDY COUNTY ROAD #787 (TWIN WELLS ROAD), GO SOUTHEAST ON N.M. STATE HWY. #128 FOR 1.1 MILES. TURN RIGHT ON CALICHE ROAD AND GO SOUTH FOR 1.8 MILES. TURN LEFT AND GO EAST FOR 1.1 MILES. TURN LEFT AND GO NORTH FOR 0.2 MILES. TURN RIGHT AND GO EAST FOR 0.1 MILES. TURN LEFT ON PROPOSED ROAD AND GO NORTH FOR 776.1 FEET. TURN LEFT AND GO WEST FOR 40.0 FEET TO LOCATION

OXY USA INC. PLATINUM MDP1 "34-3" FEDERAL COM #171H SITE PLAN

FAA PERMIT: NO



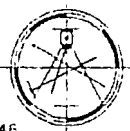
SURVEYORS CERTIFICATE

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 10/10/2018
Terry J. Asel N.M. R.P.L.S. No. 15079

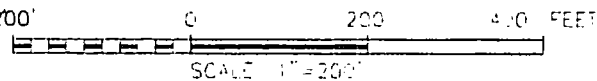
Asel Surveying

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



LEGEND

- DENOTES PROPOSED WELL PAD
- DENOTES PROPOSED ROAD
- DENOTES STOCK PILE AREA
- DENOTES EXISTING WELL

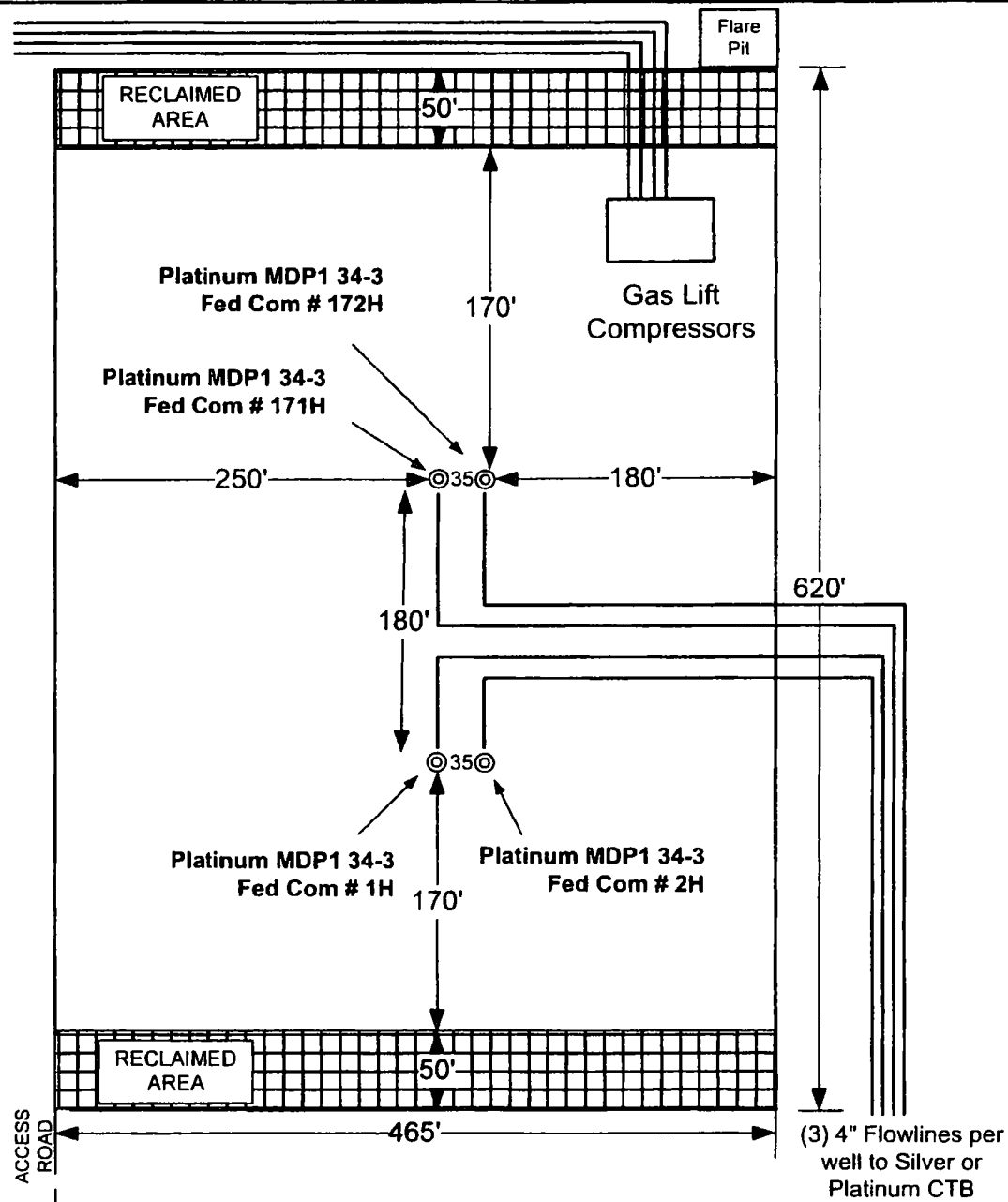


OXY USA INC.

PLATINUM MDP1 "34-3" FEDERAL COM #171H
LOCATED AT 220' ENE & 1027' EWL IN SECTION
34, TOWNSHIP 23 SOUTH, RANGE 31 EAST
N.M.P.M., EDDY COUNTY, NEW MEXICO

Survey Date: 07/17/18	Sheet 1 of 1 Sheets
W.O. Number: 80115WL-e (Rev. A)	Drawn By: KA Rev: A
Date: 10/08/18	180115WL-e Scale: 1"=200'

Gas Lift Supply Line from Buried
GL Header (6" Branch from
Buried 8" Header)

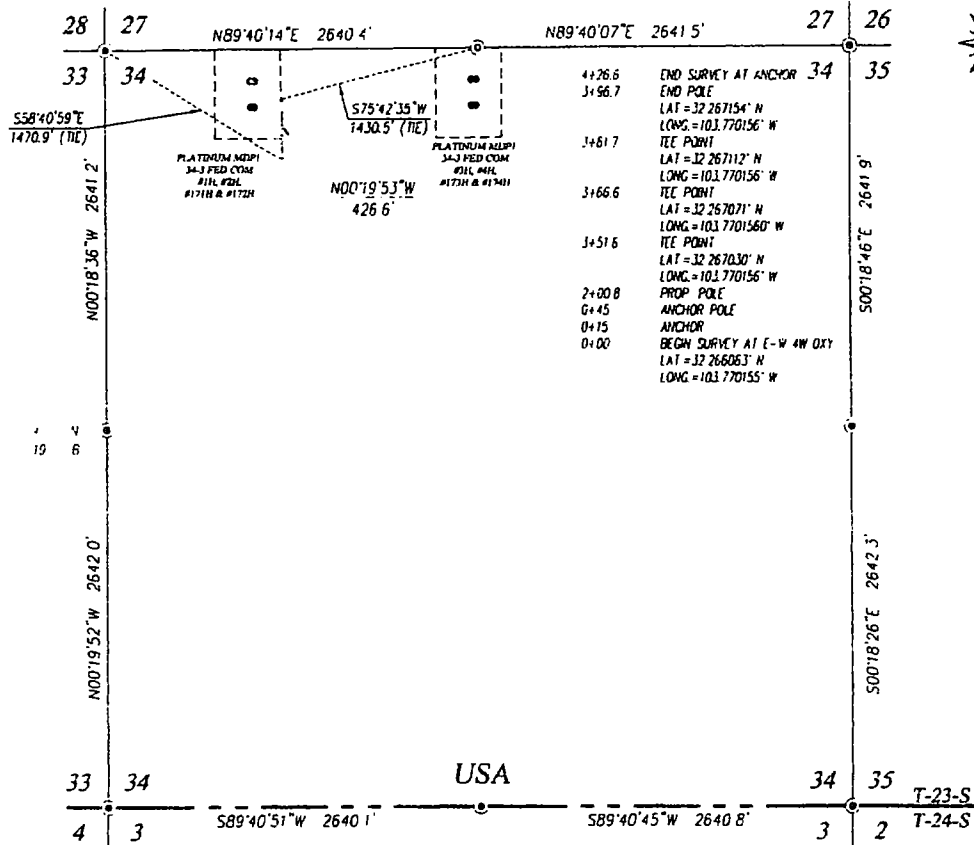


REVISION BLOCK

ENGINEERING RECORD

FACILITY LAYOUT DIAGRAM
Platinum MDP1 34-3 Fed Com # 1H,
2H, 171H, 172H
EDDY COUNTY, NEW MEXICO

NO.	DATE	DESCRIPTION	BY	CHK	APP	BY	DATE



DESCRIPTION

THIS SURVEY IS FOR A PROPOSED ELECTRIC LINE CROSSING SECTION 34, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M. THE LINE IS 426.6 FEET LONG AND IS LOCATED AS SHOWN ON THE MAP. THE LINE IS TO BE LOCATED AS SHOWN ON THE MAP. THE LINE IS TO BE LOCATED AS SHOWN ON THE MAP.

NOTE

THE SURVEYOR HAS BEEN ADVISED THAT THE PLATINUM MDP1 34-3 FED. COM IS A PRIVATE PROPERTY AND THAT THE SURVEYOR IS NOT TO BE RESPONSIBLE FOR ANY DAMAGE TO THE PROPERTY OR TO THE SURVEYOR'S EQUIPMENT.

THE SURVEYOR HAS BEEN ADVISED THAT THE PLATINUM MDP1 34-3 FED. COM IS A PRIVATE PROPERTY AND THAT THE SURVEYOR IS NOT TO BE RESPONSIBLE FOR ANY DAMAGE TO THE PROPERTY OR TO THE SURVEYOR'S EQUIPMENT.

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THE SURVEYOR HAS BEEN ADVISED THAT THE PLATINUM MDP1 34-3 FED. COM IS A PRIVATE PROPERTY AND THAT THE SURVEYOR IS NOT TO BE RESPONSIBLE FOR ANY DAMAGE TO THE PROPERTY OR TO THE SURVEYOR'S EQUIPMENT.

LEGEND

• PLATINUM MDP1 34-3 FED. COM
--- PROPOSED ELECTRIC LINE

OXY U.S.A. INC.

SURVEY FOR AN ELECTRIC LINE TO THE
PLATINUM MDP1 34-3 FED. COM #1H, #2H, #171H
& #172H CROSSING SECTION 34,
TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO

Survey Date: 07/30/16 CA Date: 08/01/16 Drawn By: JSC
W.O. No: 18110870 PC: W.C. Sheet 1 of 1



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
411 DAL PASO MOBBES N.M. 88240
(575) 193 3117 www.jwscbi.com
TBPLS# 10021000

Sand Dunes Platinum Development – Surface Production Facilities

CTB Site

All wells will route to the Platinum CTB which will be composed of (3) tracts with the following dimensions: 600'x600', 200'x30', and 150'x150'.

Reference Plats:

(1) Terry Asel Surveying Company W.O. No: 180213PS-A Survey Date: 3/8/18 CAD: 3/27/18

Production Flowlines

Each well will have (3) surface laid flowlines operating at less than 75% of the MAWP of the flowline per the survey plats from the well site to the CTB following access roads. The flowlines will be routed to both the Silver CTB (existing site) and Platinum CTB. The wells will produce to only one of these CTBs at any given time.

Reference plats:

(1) John West Surveying Company W.O. No: 18110873 Survey: 2/26/18 & 7/30/18 CAD: 8/1/18

(2) John West Surveying Company W.O. No: 18110872 Survey: 2/27/18 & 7/30/18 CAD: 8/1/18

Gas Lift Compressor Site, Suction, and Injection Lines

Each well pad will have two (2) 6" buried gas lift supply lines operating at < 1500 PSIG branching off of a common 8" main line (existing).

Reference plats:

(1) John West Surveying Company W.O. No: 18110871 Survey: 3/2/18 & 7/30/18 CAD: 8/1/18

Salt Water Disposal

Produced water will be pumped into (2) 16" HDPE buried lines operating at less than 300 PSIG. Produced water will then be combined and pumped into (3) 16" HDPE buried lines operating at less than 300 PSIG which connects to the existing Sand Dunes disposal system. This produced water line will also connect to the OXY water treatment facility in Section 4 Township 24S Range 31E and will connect to the rest of the Sand Dunes disposal system. An additional (1) 16" HDPE buried line will be required to transfer treated water from treatment disposal water from treatment systems to ponds.

Reference Plats:

(2) John West Surveying Company W.O. No: 17111174 Survey: 12/13/17 CAD: 2/5/18

(1) John West Surveying Company W.O. No: 18110284 Survey: 3/9/18 CAD: 4/2/18

Gas Sales

Gas will flow into (2) 16" HDPE buried line operating at less than 300 PSIG. This gas line will interconnect to an existing pipeline routed to the Enterprise (3rd Party) tie-in point per the attached plat.

Reference Plat:

(1) John West Surveying Company W.O. No: 18110262 Survey: 3/6/18 CAD: 3/22/18

Oil Sales

Oil will flow into (2) 6" Steel buried line operating at less than 300 PSIG. This oil line will interconnect to an existing pipeline routed to the North Corridor oil sales tie-in point per the attached plat.

Reference Plat:

(1) John West Surveying Company W.O. No: 18110262 Survey: 3/6/18 CAD: 3/22/18

Electrical Systems

Electrical overhead connections are required from the existing electrical infrastructure to connect to the central tank battery and the well pad.

Reference Plat:

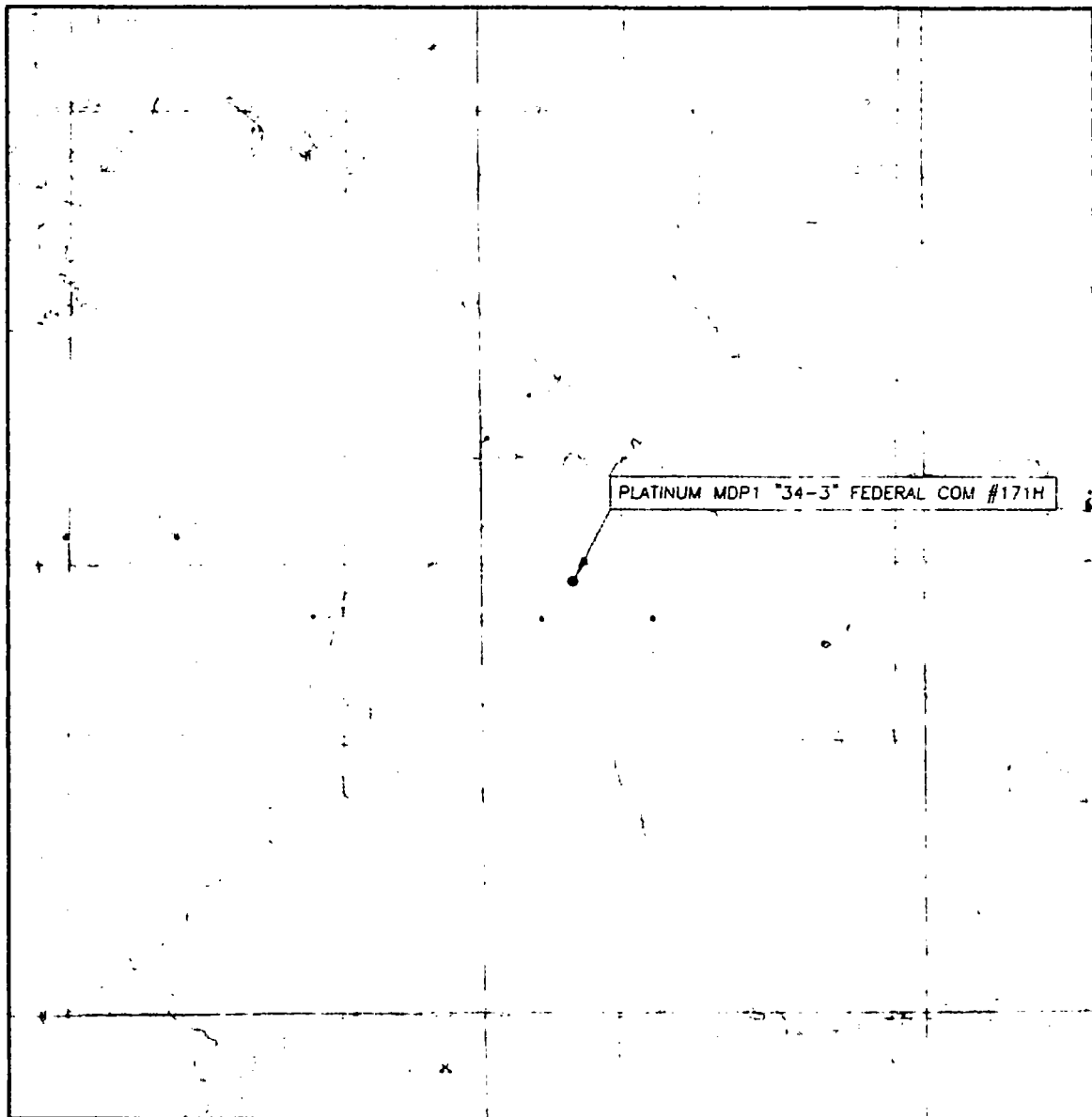
(1) John West Surveying Company W.O. No: 18110265 Survey: 3/6/18 CAD: 3/22/18

(2) John West Surveying Company W.O. No: 18110870 Survey: 7/30/18 CAD: 8/2/18



0		
A		
Survey Date	11	
W.O. Number:	JW	
Date		

LOCATION VERIFICATION MAP

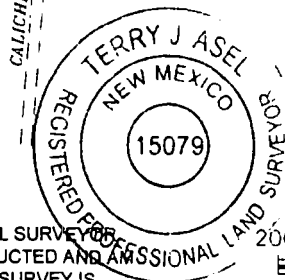
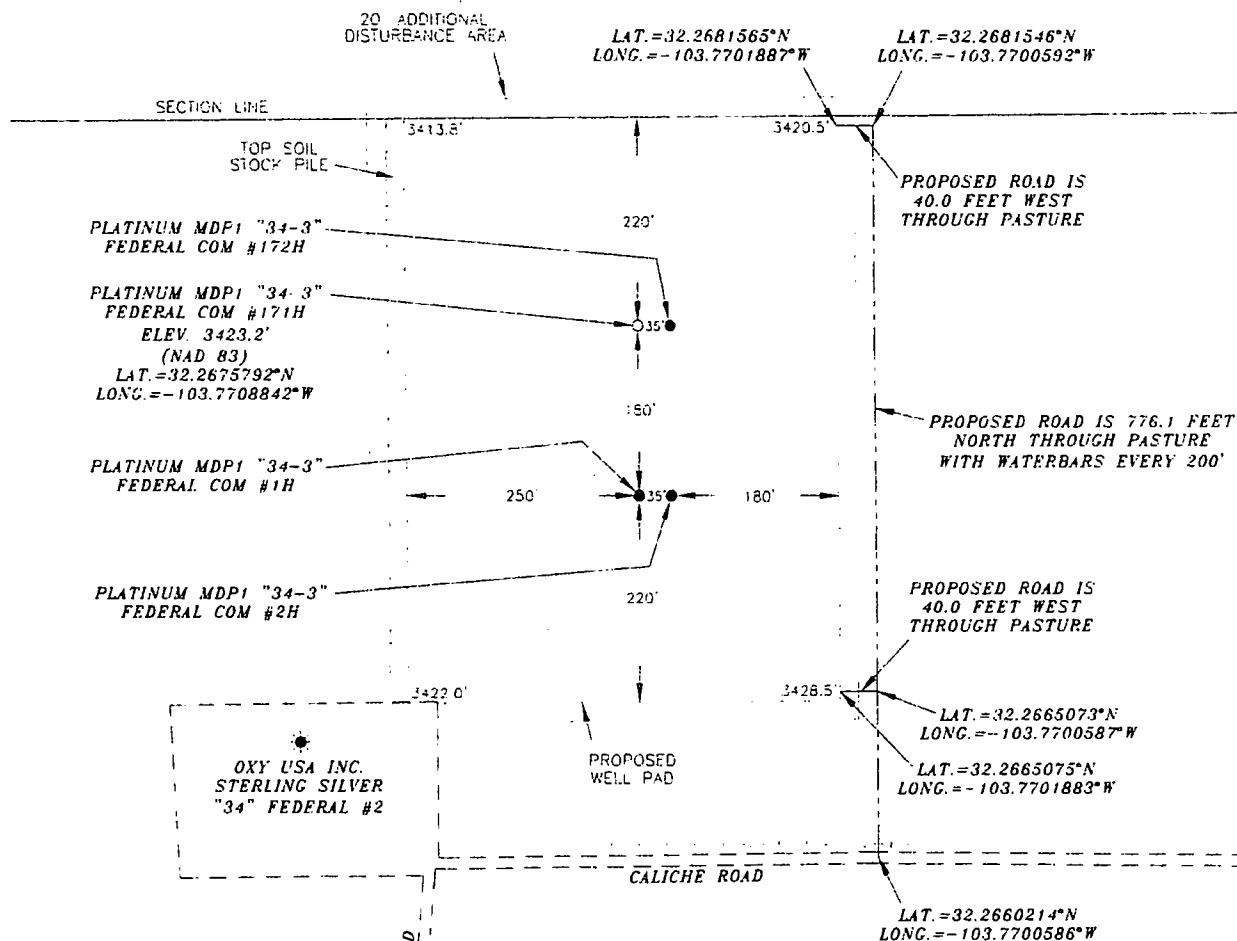


AERIAL MAP



OXY USA INC. PLATINUM MDP1 "34-3" FEDERAL COM #171H SITE PLAN

FAA PERMIT: NO



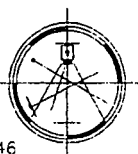
SURVEYORS CERTIFICATE

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Terry J. Asel 10/10/2018
Terry J. Asel N.M. R.P.L.S. No. 15079

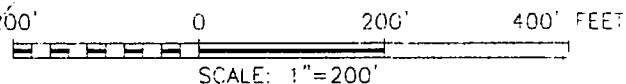
Asel Surveying

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



LEGEND

- DENOTES PROPOSED WELL PAD
- - - - - DENOTES PROPOSED ROAD
- DENOTES STOCK PILE AREA
- DENOTES EXISTING WELL



OXY USA INC.

PLATINUM MDP1 "34-3" FEDERAL COM #171H
LOCATED AT 220' FNL & 1027' FWL IN SECTION
34, TOWNSHIP 23 SOUTH, RANGE 31 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO

Survey Date: 07/17/18	Sheet 1 of 1 Sheets
W.O. Number: 180115WL-e (Rev. A)	Drawn By: KA Rev: A
Date: 10/08/18	180115WL-e Scale: 1"=200'

Surface Use Plan of Operations - Amended

Operator Name/Number: OXY USA Inc. – 16696
Lease Name/Number: Platinum MDP1 34-3 Federal Com #171H
Pool Name/Number: Purple Sage Wolfcamp 98220
Surface Location: 220 FNL 1027 FWL NWNW (D) Sec 34 T23S R31E – NMNM043744
Bottom Hole Location: 20 FSL 440 FWL SWSW (M) Sec 3 T24S R31E – NMNM055142

1. Existing Roads

- a. A copy of the USGS “Los Medanos, NM” quadrangle map is attached showing the proposed location. The well location is spotted on the map, which shows the existing road system.
- b. The well was staked by Terry J. Asel, Certificate No. 15079 on 7/17/18, certified 10/10/18.
- c. Directions to Location: From the intersection of NM State Hwy 128 and CR 787 (Twin Wells Rd), go southeast on SH 128 for 1.1 miles. Turn right on caliche road and go south for 1.8 miles. Turn left and go east for 1.1 miles. Turn left and go north for 0.2 miles. Turn right and go east 0.1 miles. Turn left on proposed road and go north for 776.1', turn left and go west for 40' to location.

2. New or Reconstructed Access Roads:

- a. A new access road will be built. The access road will run approximately 776.1' north and then 40' west from an existing road to the northeast corner of the location.
- b. The maximum width of the road will be 15'. It will be crowned and made up of 6" of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent surface erosion.
- c. Surface material will be native caliche. This material will be obtained from a BLM approved pit nearest in proximity to the location. The average grade will be approximately 1%.
- d. No cattle guards, grates or fence cuts will be required. No turnouts are planned. Turnouts are planned every 1000' as needed.
- e. Blade, water and repair existing caliche roads as needed.
- f. Water Bars will be incorporated every 200' during the construction of the road.

3. Location of Existing Wells:

Existing wells within a one mile radius of the proposed well are shown on attached plat.

4. Location of Existing and/or Proposed Facilities:

- a. In the event the well is found productive, the Sand Dunes Silver/Platinum Central Tank Battery would be utilized and the necessary production equipment will be installed at the well site. See proposed facilities layout diagram.
- b. All flow lines will adhere to API standards. They will consist of 3 – 4" composite flowlines operating < 75% MAWP, surface to follow surveyed route. Survey of a strip of land 30' wide and 7454.2' in length crossing USA Land in Sections 34 T23S R31E, NMPM, Eddy County, NM and being 15' left and 15' right of the centerline survey or a survey of a strip of land 30' wide and 5848.9' in length crossing USA Land in Sections 33 & 34 T23S R31E, NMPM, Eddy County, NM and being 15' left and 15' right of the centerline survey. Two–6" steel gas lift hp line operating <1500 psig, buried, lines to follow surveyed route. Survey of a strip of land 30' wide and 3589' in length crossing USA Land in Sections 33 & 34 T23S R31E, NMPM, Eddy County, NM and being 15' left and 15' right of the centerline survey, see attached.

- c. Electric line will follow a route approved by the BLM. Survey of a strip of land 30' wide and 426.6' in length crossing USA land in Sections 34 T23S R31E NMPM, Eddy County, NM and being 15' left and 15' right of the centerline survey, see attached.
- d. See attached for additional information on the Sand Dunes MDP1 Platinum Surface Production Facilities.

5. Location and types of Water Supply

This well will be drilled using a combination of water mud systems. It will be obtained from commercial water stations in the area and will be hauled to location by transport truck using existing and proposed roads.

6. Construction Materials:

Primary

All caliche utilized for the drilling pad and proposed access road will be obtained from an existing BLM/State/Fee approved pit or from prevailing deposits found on the location. Will use BLM recommended extra caliche from other locations close by for roads, if available.

Secondary

The secondary way of obtaining caliche to build locations and roads will be by "turning over" the location. This means, caliche will be obtained from the actual well site. A caliche permit will be obtained from BLM prior to pushing up any caliche. 2400 cubic yards is max amount of caliche needed for pad and roads. Amount will vary for each pad. The procedure below has been approved by BLM personnel:

- a. The top 6" of topsoil is pushed off and stockpiled along the side of the location.
- b. An approximate 120' X 120' area is used within the proposed well site to remove caliche.
- c. Subsoil is removed and piled alongside the 120' X 120' within the pad site.
- d. When caliche is found, material will be stockpiled within the pad site to build the location and road.
- e. Then subsoil is pushed back in the hole and caliche is spread accordingly across entire location and road.
- f. Once the well is drilled the stockpiled top soil will be used for interim reclamation and spread along areas where caliche is picked up and the location size is reduced. Neither caliche nor subsoil will be stockpiled outside of the well pad. Topsoil will be stockpiled along the edge of the pad as depicted in the attached plat.

7. Methods of Handling Waste Material:

- a. A closed loop system will be utilized consisting of above ground steel tanks and haul-off bins. Disposal of liquids, drilling fluids and cuttings will be disposed of at an approved facility. Solids-CRI, Liquids-Laguna
- b. All trash, junk and other waste material will be contained in trash cages or bins to prevent scattering. When the job is completed, all contents will be removed and disposed of in an approved sanitary landfill.
- c. The supplier, including broken sacks, will pickup slats remaining after completion of well.
- d. A Porto-john will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.
- e. Disposal of fluids to be transported will be by the following companies. TFH Ltd, Laguna SWD Facility

8. Ancillary Facilities: None needed.

9. Well Site Layout:

The proposed well site layout with dimensions of the pad layout and equipment location.

V-Door – East

CL Tanks – North

Pad – 465' X 620' – 4 Well Pad

10. Plans for Surface Reclamation:

- a. After concluding the drilling and/or completion operations, if the well is found non-commercial, the caliche will be removed from the pad and transported to the original caliche pit or used for other drilling locations. The road will be reclaimed as directed by the BLM. The original topsoil will again be returned to the pad and contoured, as close as possible, to the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation.
- b. If the well is deemed commercially productive, caliche from the areas of the pad site not required for operations will be reclaimed. The original topsoil will be returned to the area of the drill pad not necessary to operate the well. These unused areas of the drill pad will be contoured, as close as possible, to match the original topography, and the area will be seeded with an approved BLM mixture to re-establish vegetation.

11. Surface Ownership:

The surface is owned by the U.S. Government and is administered by the BLM. The surface is multiple use with the primary uses of the region for the grazing of livestock and the production of oil and gas. The surface is leased to: Mark & Annette McCloy, P.O. Box 795, Tatum, NM 88267. They will be notified of our intention to drill prior to any activity.

12. Other Information:

- a. The vegetation cover is generally sparse consisting of mesquite, yucca, shinnery oak, sandsage and perennial native range grass. The topsoil is sandy in nature. Wildlife in the area is also sparse consisting of deer, coyotes, rabbits, rodents, reptiles, dove and quail.
- b. There is no permanent or live water in the general proximity of the location.
- c. There are no dwellings within one mile of the proposed well site.
- d. Cultural Resources Examination–This well is located in the Permian Basin PA. Payment to be determined by BLM. This well shares the same pad as the Platinum MDP1 34-3 Federal Com #1H, 2H, 172H.

Copy of this application will be furnished to SWCA Environmental Consultants, 5647 Jefferson St. NE, Albuquerque, NM 87109. No Potash leases within one mile of surface location.

13. Bond Coverage:

Bond coverage is Individual-NMB000862, Nationwide-ESB00226.

14. Operators Representatives:

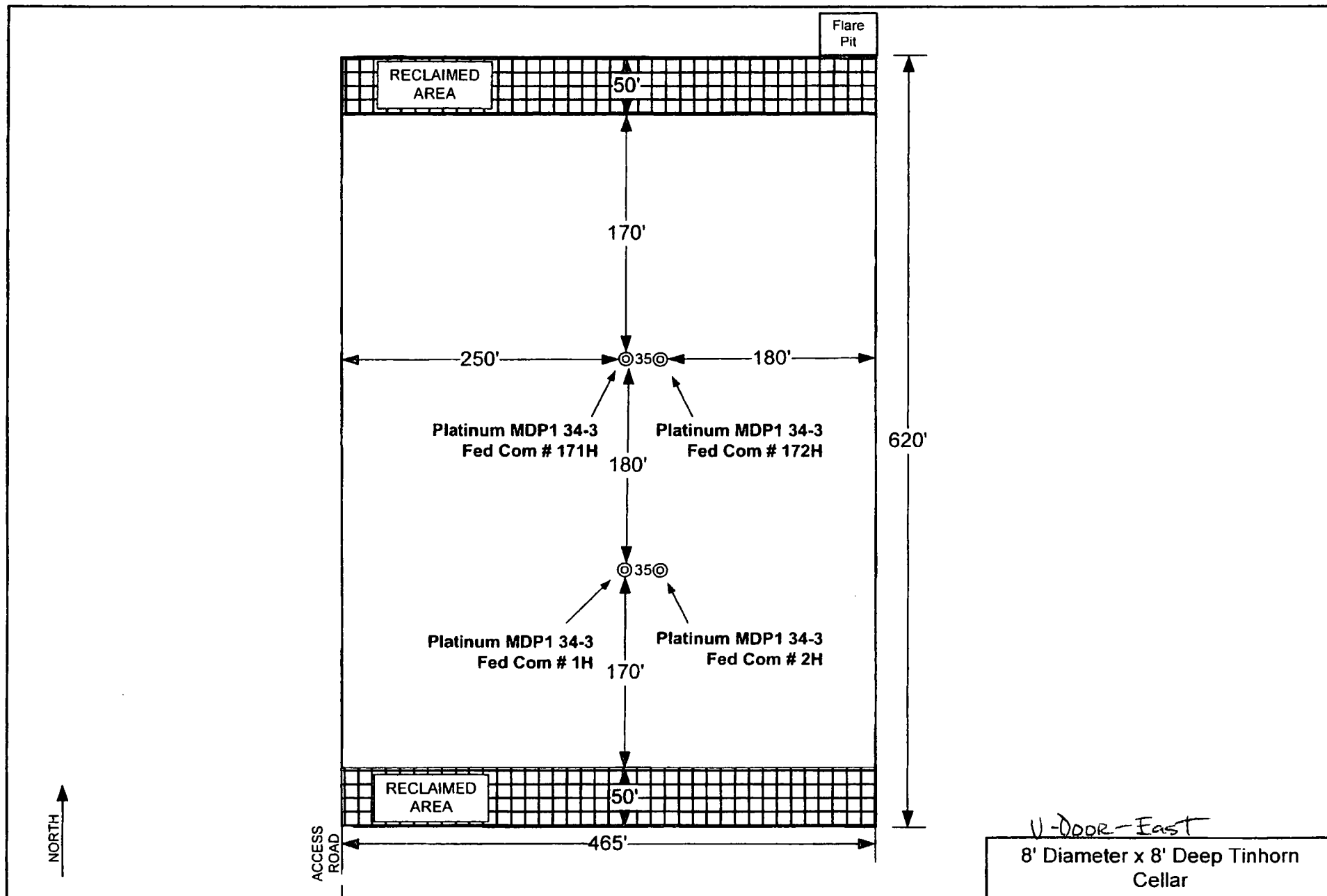
The OXY Permian representatives responsible for ensuring compliance of the surface use plan are listed below:

Leo Ortega
Operations Superintendent
1502 West Commerce Dr.
Carlsbad, NM 88220
Office – 575-628-4012
Cellular – 575-706-8995

Cuong Q. Phan
Asset Manager
P.O. Box 4294
Houston, TX Carlsbad, NM 88220
Office – 713-513-6645
Cellular – 281-832-0978

Jim Wilson
Operation Specialist
P.O. Box 50250
Midland, TX 79710
Cellular – 575-631-2442

Michael Walton
RMT Lead
P.O. Box 4294
Houston, TX 77210
Office – 713-366-5526
Cellular – 281-814-2971



V-Door-East

8' Diameter x 8' Deep Tinhorn
Cellar

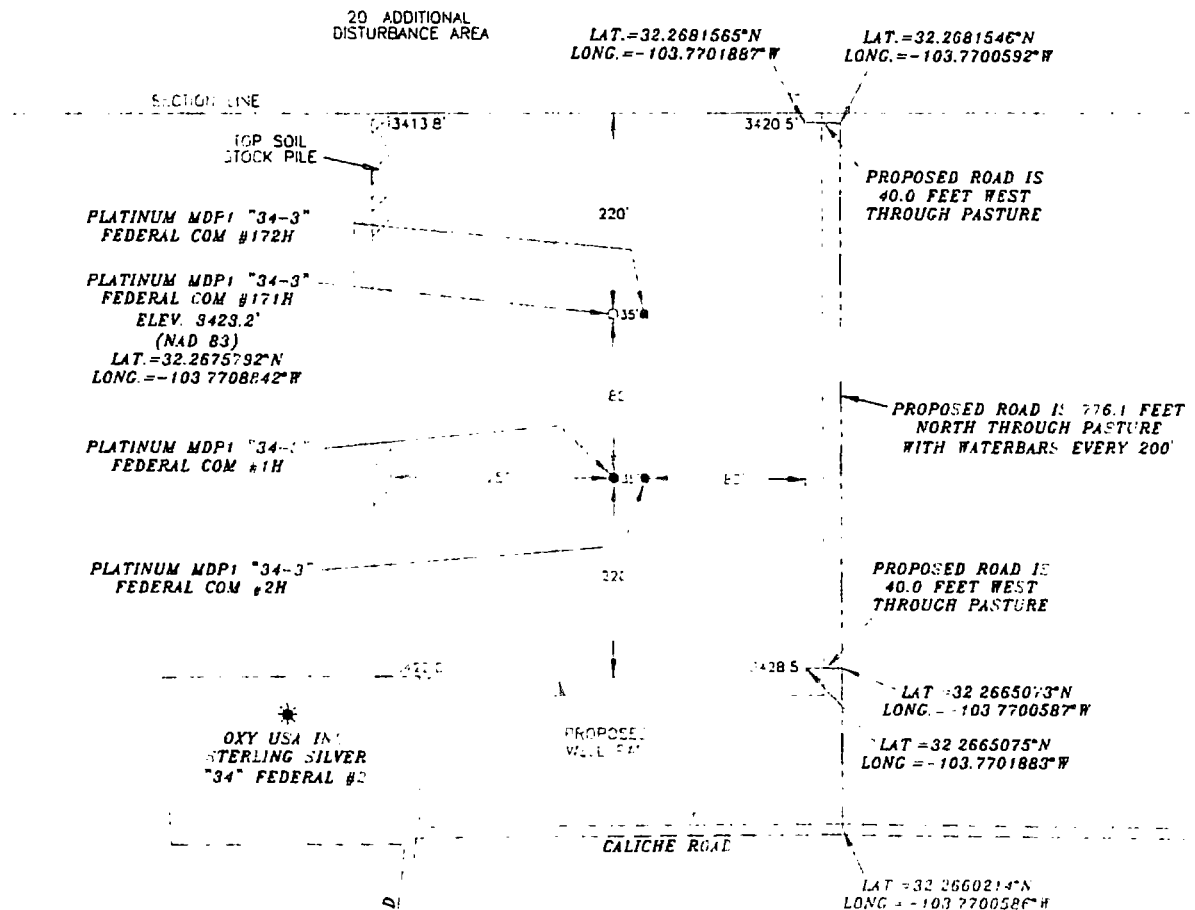
REVISION BLOCK						ENGINEERING RECORD	
NO.	DATE	DESCRIPTION	BY	CHK	APP	BY	DATE

FLEX 3 RIG DIAGRAM

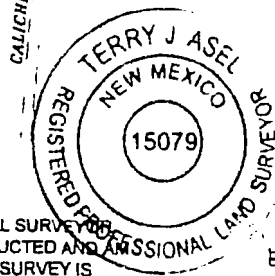
Platinum MDP1 34-3 Fed Com # 1H,
2H, 171H, 172H
EDDY COUNTY, NEW MEXICO

OXY USA INC. PLATINUM MDP1 "34-3" FEDERAL COM #171H SITE PLAN

FAA PERMIT: NO



OXY USA INC.
STERLING SILVER
"34" FEDERAL #2



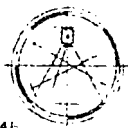
SURVEYORS CERTIFICATE

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 4/10/2018
Terry J. Asel N.M. R.P.L.S. No. 15079

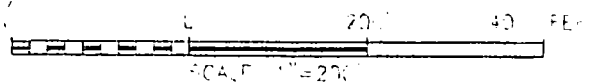
Asel Surveying

P.O. BOX 331 J. G. A. TACON
MOBBS NEW MEXICO 875-393-8446



LEGEND

- DENOTES PROPOSED WELL PAD
- - - DENOTES PROPOSED ROAD
- DENOTES STOCK PILE AREA
- * DENOTES EXISTING WELL

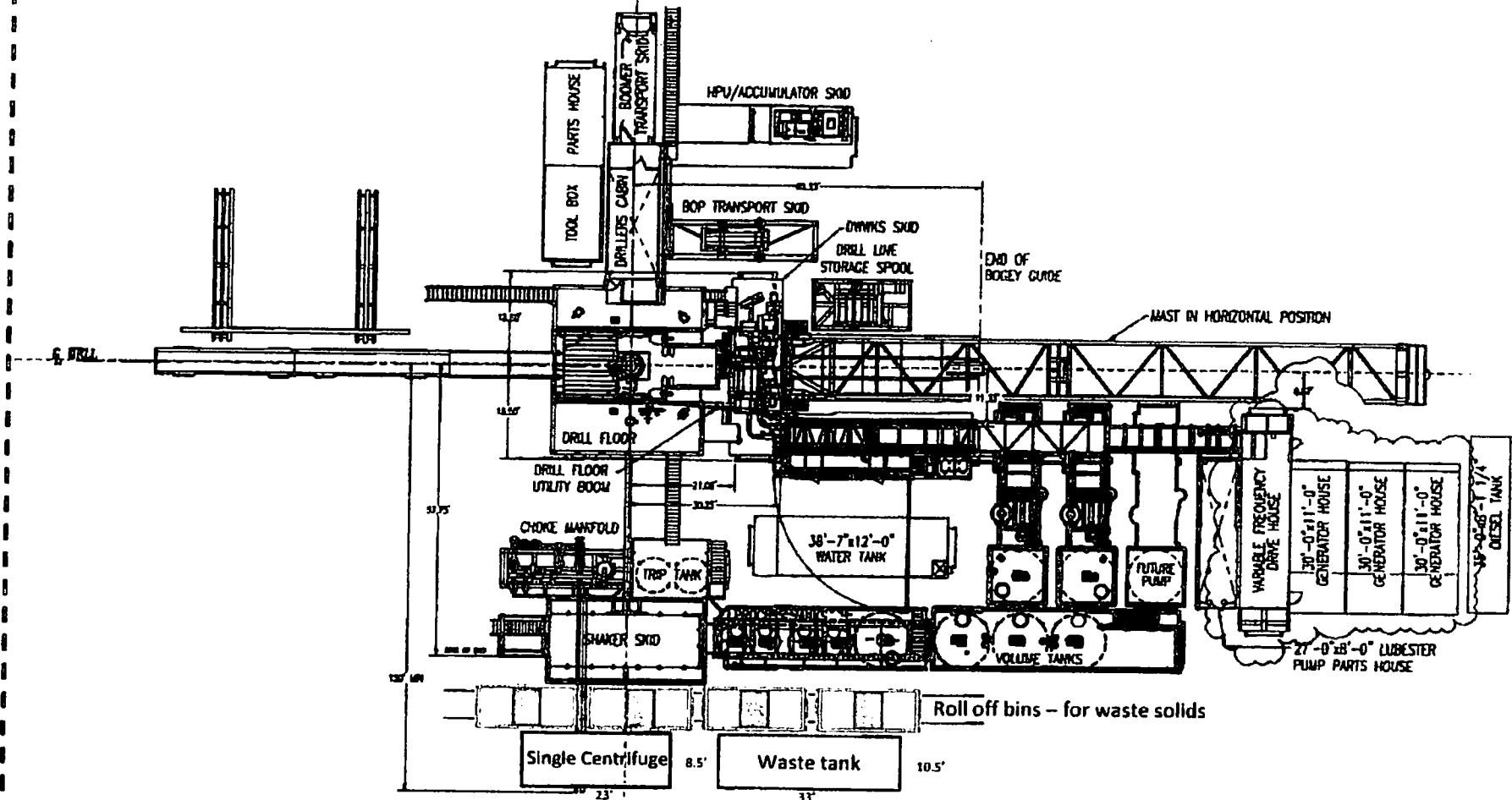


OXY USA INC

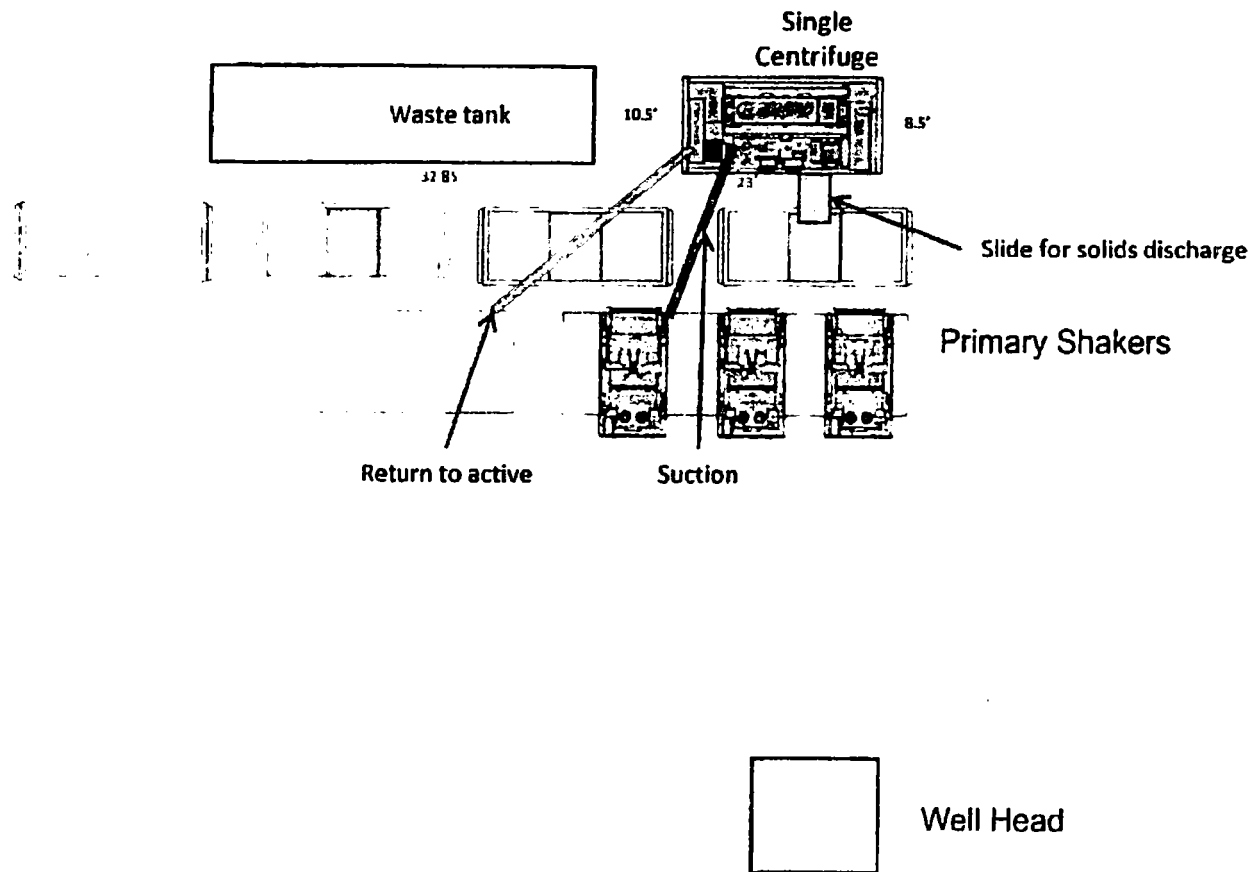
PLATINUM MDP1 "34-3" FEDERAL COM #171H
LOCATED AT 220' EUL & 1007' EUL W. SECTION
34 TOWNSHIP 23 SOUTH RANGE 31 EAST
N.M.P.M. EDDY COUNTY NEW MEX.

Survey Date	07/17/18	Sheet	1	of	Sheets
W.U. Number	18015WL-e (Rev. 5)	Drawn By	KA	Rev.	A
Date	10/03/18	18015WL-e	Scale	1"=200'	

**Oxy Single Centrifuge
Closed Loop System – New
Mexico Flex III
May 28, 2013**



Oxy



Oxy Single Centrifuge
Closed Loop System – New
Mexico Flex III
May 28, 2013