

RECEIVED 3/07/18	REVIEWER: LRL	TYPE: NSL	APP NO: PLEL 1807243199
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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: Corral Fly 35-26 Federal Com 22H **API:** 30-015-44703
Pool: Pierce Crossing; Bone Spring, East **Pool Code:** 96473

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

NSL - 7705**1) TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☒ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**

Notice Complete

Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Sarah Mitchell

Print or Type Name

Signature

3/6/2018

Date

432-699-4318

Phone Number

Sarah_mitchell@oxy.com

e-mail Address

MAR 09 2018 PM02:54



OXY USA Inc

PO Box 50250
Midland, TX 79710-0250

March 6, 2017

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 –
Corral Fly 35-26 Federal Com #22H – Pierce Crossing; Bone Spring, East
Surface – 694 FNL 1278 FWL Lot 4 Sec 2 T25S R29E
Top Perforation – 340 FSL 1405 FWL Unit N Sec 35 T24S R29E
Bottom Perforation – 340 FNL 1403 FWL Unit C Sec 26 T24S R29E
Bottom Hole – 180 FNL 1401 FWL Unit C Sec 26 T24S R29E
Eddy County, New Mexico*

Dear Mr. Lowe:

OXY USA Inc. respectfully requests administrative approval of a non-standard location on the Corral Fly 35-26 Federal Com #22H well, API Number-30-015-44703, Property Code 320767. The #22H well is proposed to be completed in the Pierce Crossing; Bone Spring East pool, Pool Code 96473. This will be a horizontal well in a pool with no special rules for setback, so the setback requirements under Rule 19.15.15.9 (A) and 19.15.16.15 (B) would apply. The proposed producing interval is outside of the proposed Producing Area but within the proposed Project Area and will be drilled as follows:

Surface – 694 FNL 1278 FWL Lot 4 Sec 2 T25S R29E
Top Perforation – 340 FSL 1405 FWL Unit N Sec 35 T24S R29E
Bottom Perforation – 340 FNL 1403 FWL Unit C Sec 26 T24S R29E
Bottom Hole – 180 FNL 1401 FWL Unit C Sec 26 T24S R29E

The adjoining spacing units towards which the unorthodox location encroaches are located in T24S R29E, Section 23- Unit M, Section 26–Units D, E, L, M, Section 35- Units D, E, L, M and T25S-R30E, Section 2- Unit D

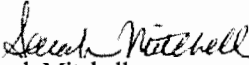
Approval of the unorthodox producing interval will allow for efficient spacing of horizontal wells and thereby prevent waste.

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

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

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

Sincerely,


Sarah Mitchell
Regulatory Specialist
OXY USA Inc.

Attachments

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



OXY USA Inc.

PO Box 50250
Midland, TX 79710-0250

March 6, 2017

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Re: *Application for Administrative Approval of Non-Standard Location –
Corral Fly 35-26 Federal Com #22H – Pierce Crossing; Bone Spring, East
Surface – 694 FNL 1278 FWL Lot 4 Sec 2 T25S R29E
Top Perforation – 340 FSL 1405 FWL Unit N Sec 35 T24S R29E
Bottom Perforation – 340 FNL 1403 FWL Unit C Sec 26 T24S R29E
Bottom Hole – 180 FNL 1401 FWL Unit C Sec 26 T24S R29E
Eddy County, New Mexico*

Ladies and Gentlemen:

Enclosed is a copy of an application, filed with the New Mexico Oil Conservation Division by OXY USA Inc., requesting administrative approval for a non-standard location. As an affected party, notice is being provided to you pursuant to Rule 19.15.15.9 (A) and 19.15.16.15 (B). The well is located as follows:

Surface – 694 FNL 1278 FWL Lot 4 Sec 2 T25S R29E
Top Perforation – 340 FSL 1405 FWL Unit N Sec 35 T24S R29E
Bottom Perforation – 340 FNL 1403 FWL Unit C Sec 26 T24S R29E
Bottom Hole – 180 FNL 1401 FWL Unit C Sec 26 T24S R29E
Eddy County, New Mexico

If you object to the well's location, you must notify the Division in writing no later than 20 days from the date the application is received by the NMOCD (1220 South St. Francis Drive, Santa Fe, NM 87505; Attention: Leonard Lowe).

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

Sincerely,

Sarah Mitchell
Regulatory Specialist
OXY USA Inc.

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
NMNM88139

6. If Indian, Allottee or Tribe Name

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
OXY USA INCORPORATED

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

8. Lease Name and Well No.
CORRAL FLY 35-26 FEDERAL 22H

9. API Well No.

3a. Address
5 Greenway Plaza, Suite 110 Houston TX 770

3b. Phone No. (include area code)
(713)366-5716

10. Field and Pool, or Exploratory
PIERCE CROSSING BONE SPRING, E/

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface LOT 4 / 694 FNL / 1278 FWL / LAT 32.1646277 / LONG -103.9595628

At proposed prod. zone NENW / 180 FNL / 1401 FWL / LAT 32.1951639 / LONG -103.9592385

11. Sec., T. R. M. or Blk. and Survey or Area

SEC 2 / T25S / R29E / NMP

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

12. County or Parish
EDDY

13. State
NM

15. Distance from proposed*
location to nearest 50 feet
property or lease line, ft.
(Also to nearest drig. unit line, if any)

16. No. of acres in lease
360

17. Spacing Unit dedicated to this well
320

18. Distance from proposed location*
to nearest well, drilling, completed, 30 feet
applied for, on this lease, ft.

19. Proposed Depth
8933 feet / 19087 feet

20. BLM/BIA Bond No. on file
FED: ESB000226

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
3018 feet

22. Approximate date work will start*
03/24/2018

23. Estimated duration
25 days

24. Attachments

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

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).

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 required by the
BLM.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
David Stewart / Ph: (713)366-5716

Date
08/23/2017

Title

Sr. Regulatory Advisor

Approved by (Signature)
(Electronic Submission)

Name (Printed/Typed)
Cody Layton / Ph: (575)234-5959

Date
02/08/2018

Title

Supervisor Multiple Resources

Office
CARLSBAD

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to
conduct operations thereon.

Conditions of approval, if any, are attached.

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

(Continued on page 2)

*(Instructions on page 2)

APPROVED WITH CONDITIONS
Approval Date: 02/08/2018

OXY USA INC.

CORRAL FLY "35-26" FEDERAL COM #22H
 SECTIONS 23, 26 & 35, TOWNSHIP 24 SOUTH,
 RANGE 29 EAST AND SECTION 2, TOWNSHIP 25 SOUTH,
 RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO



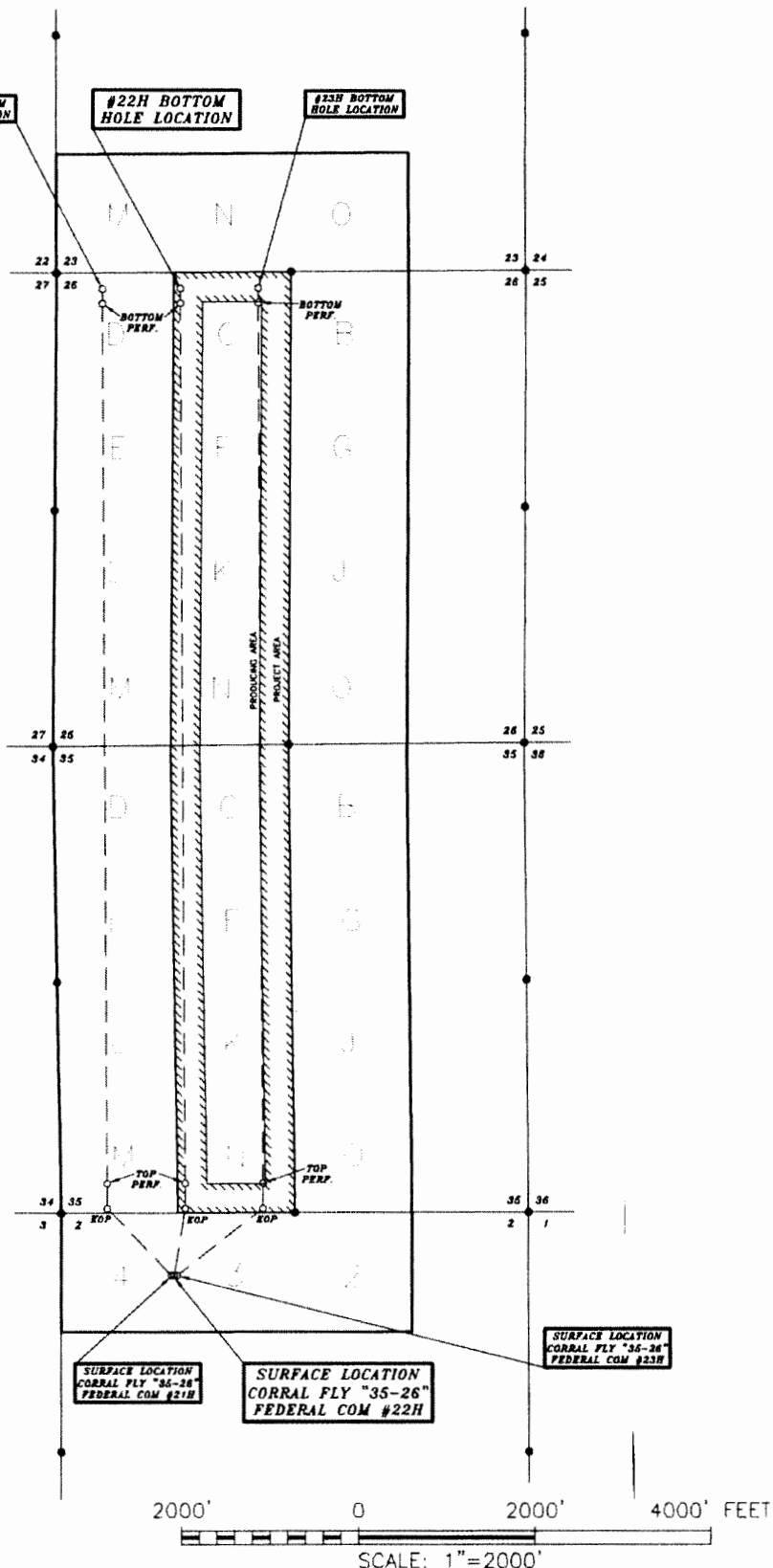
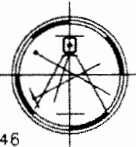
SURVEYORS CERTIFICATE

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

Terry J. Asel 2/24/2016
 Terry J. Asel N.M.P.L.S. No. 15079

Asel Surveying

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



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 87418
Phone: (505) 334-4178 Fax: (505) 334-4170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, East
Property Code	Property Name CORRAL FLY "35-26" FEDERAL COM	Well Number 22H
OGRID No 16696	Operator Name OXY USA INC.	Elevation 3018.2'

Surface Location

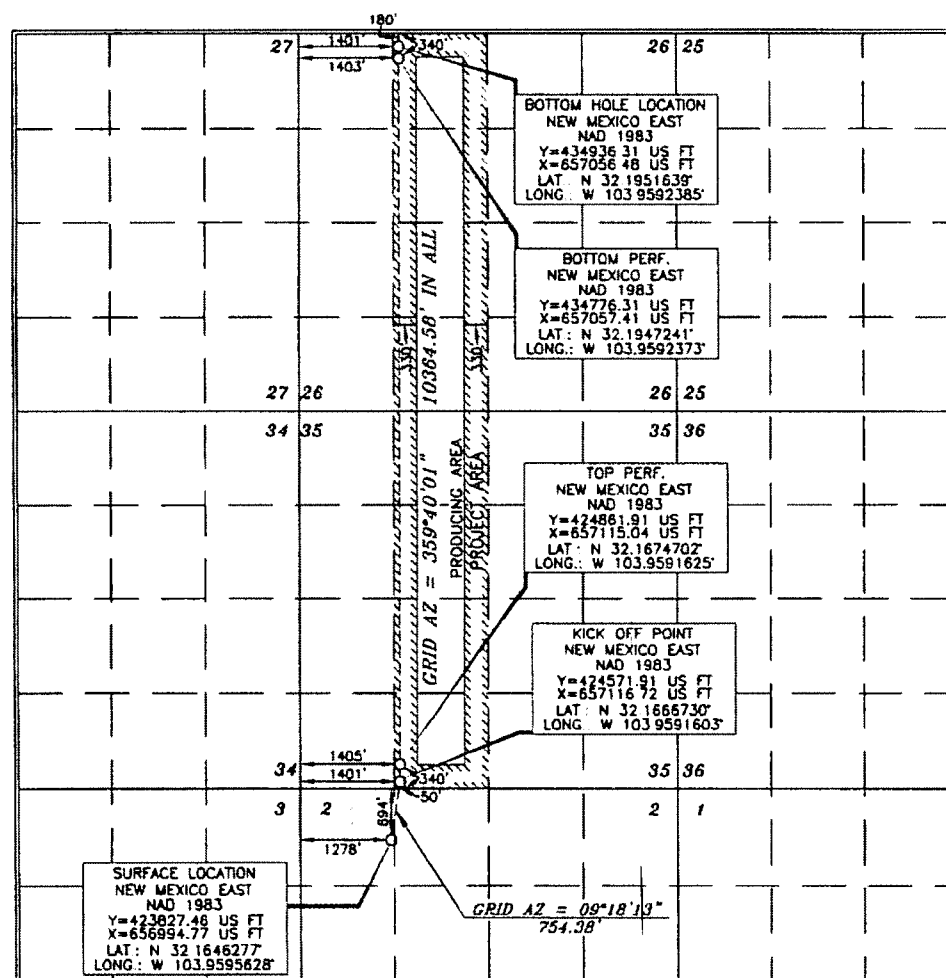
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	25 SOUTH	29 EAST, N.M.P.M.		694'	NORTH	1278'	WEST	EDDY

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
C	26	24 SOUTH	29 EAST, N.M.P.M.		180'	NORTH	1401'	WEST	EDDY

Dedicated Acres 320	Joint or Infill Y	Consolidation Code	Order No NSL will be filed
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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 and has a right to drill this well as 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: 8/15/17
Printed Name: David Stewart Sr. Reg. Adv.
E-mail Address: david_stewart@oxy.com

SURVEYOR CERTIFICATION

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

Date of Survey: MAY 15, 2017
Signature and Seal: Terry J. Asch
Professional Surveyor
Certificate Number: 15079

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

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

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, East
Property Code	Property Name CORRAL FLY "35-26" FEDERAL COM	Well Number 21H
OGRID No 16696	Operator Name OXY USA INC.	Elevation 3016.0'

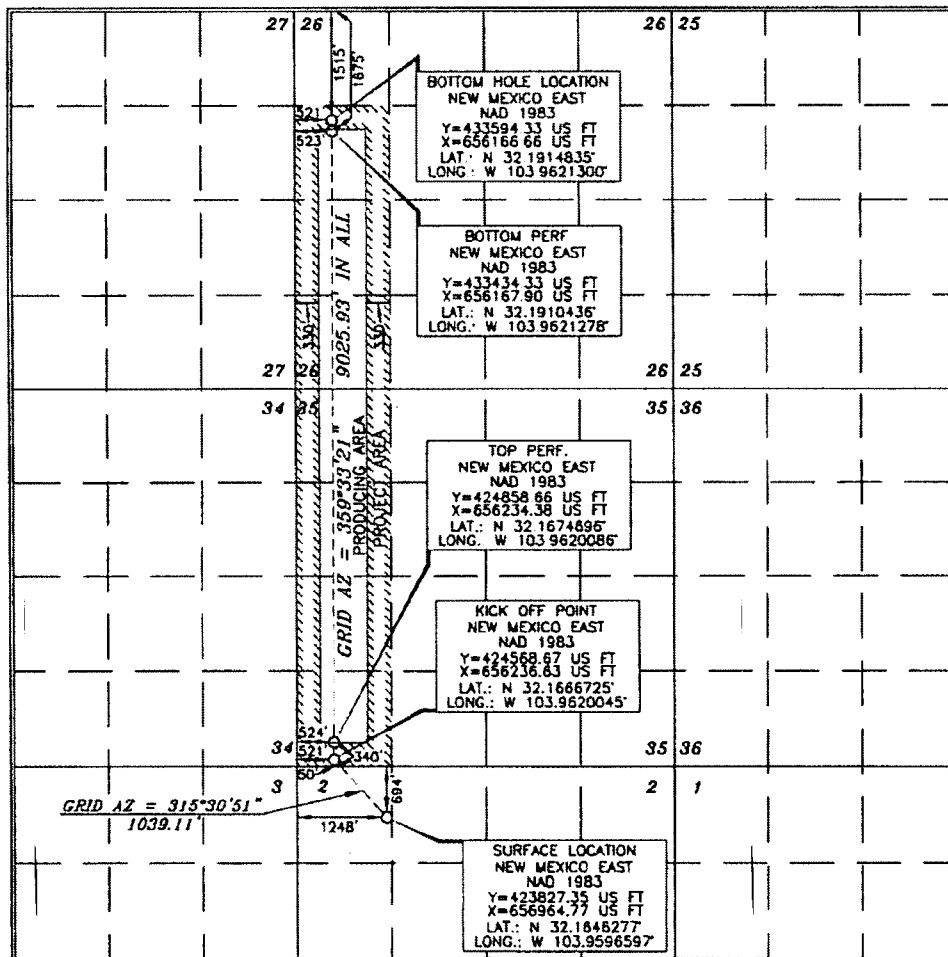
Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	25 SOUTH	29 EAST, N.M.P.M.		694'	NORTH	1248'	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
E	26	24 SOUTH	29 EAST, N.M.P.M.		1515'	NORTH	521'	WEST	EDDY
Dedicated Acres 280	Joint or Infill Y	Consolidation Code	Order No						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that our organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *David Stewart* Date: **8/14/17**
 Printed Name: **David Stewart Sr. Regional**
 E-mail Address: **David.Stewart@oxy.com**

SURVEYOR CERTIFICATION

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

Date of Survey: **MAY 15 2017**
 Signature and Seal: *Tony Alford*
 Professional Surveyor: **15079**

Certificate Number: **15079**
 Date: **7/10/2017**

District I
1623 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) 748-1283 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 30-015-	Pool Code 96473	Pool Name Pierce Crossing Bone Spring East
Property Code	Property Name CORRAL FLY "35-26" FEDERAL COM	Well Number 23H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3018.5'

Surface Location

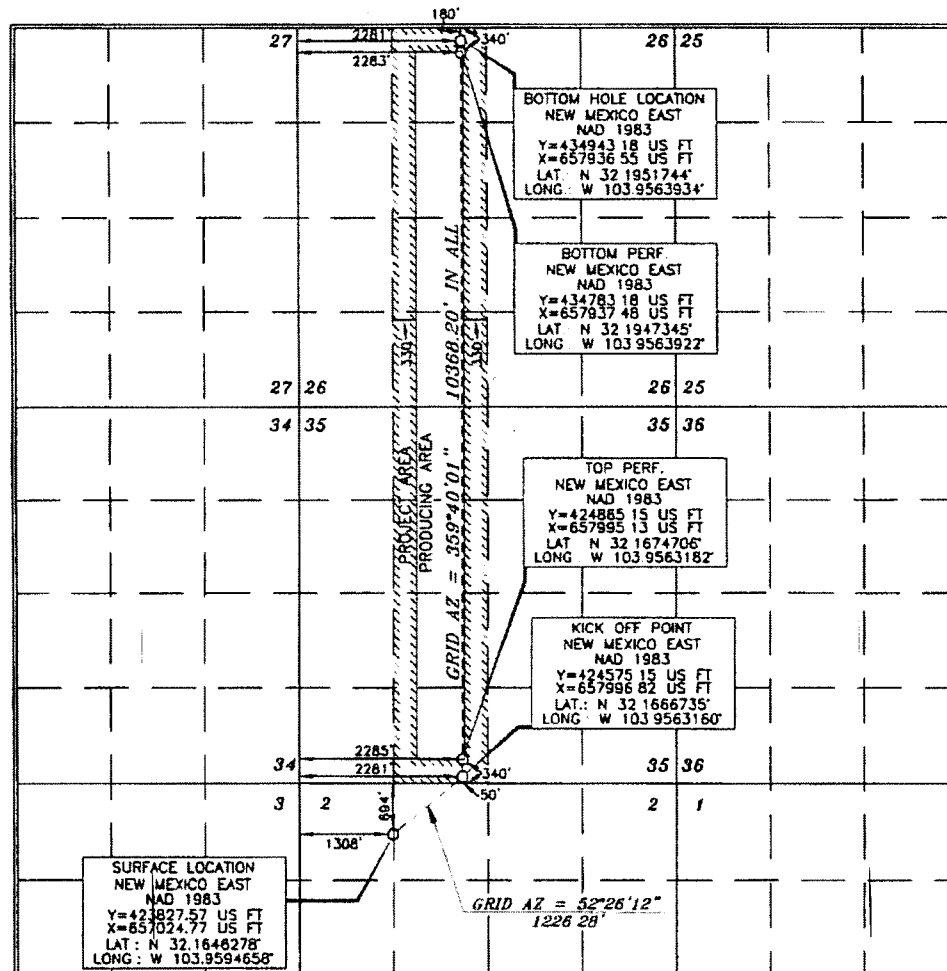
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	25 SOUTH	29 EAST, N.M.P.M.		694'	NORTH	1308'	WEST	EDDY

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
C	26	24 SOUTH	29 EAST, N.M.P.M.		180'	NORTH	2281'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No
320	Y		

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

David Stewart 8/15/17
Signature Date
David Stewart SR. Reg. ALO
Printed Name
david.stewart@oxy.com
E-mail Address

SURVEYOR CERTIFICATION

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

Terry J. ASE
Signature
TERRY J. ASE
15079
Date of Survey
MAY 15, 2017
Professional Surveyor

Terry J. ASE 7/10/2017
Signature Date
Certificate Number 15079

Application Non-Standard Location - Service List

1

OXY USA Inc.

Corral Fly 35-26 Federal Com #22H

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

New Mexico State Land Office
P. O. Box 1148
Santa Fe, NM 87504
7017-0190-0000-4588-1245

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
7017-0190-0000-4588-1221

United States Dept of Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220
7017-0190-4588-1252

T25S R29E, Eddy County
Section 26: Units L, M ✓
Section 25: Units D, L, M ¹
OXY USA Inc.
P.O. Box 50250
Midland, Texas 79710

T24S R29E, Eddy County
Section 35: Unit E ✓
COG Oil & Gas LP
One Concho Center
600 W. Illinois Avenue
Midland, TX 79701
7017-0190-0000-4588-1269

Legacy Reserves Operating LP
303 W. Wall Street, Suite 1800
Midland, TX 79701
7017-0190-0000-4588-1276

Eleven Sands Exploration, Inc.
P.O. Box 3366
Edmond, OK 73083
7017-0190-0000-4588

Edward K. Gaylord, II
P.O. Box 3366
Edmond, OK 73083
7017-0190-0000-4588-1290

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

T24S-R29E, Eddy County
Section 26: Unit E
KONA, Ltd.
816 Congress Ave, Suite 1130
Austin, TX 78701
7017-0190-0000-1306

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

T24S-R29E, Eddy County
Section 23: Unit M
OXY USA Inc.- Operator
P.O. Box 50250
Midland, TX 79710

Britt P. and Cydney Medford
2111 Paisano Road
Austin, TX 78746
7017-0190-0000-4588-1313

Jack Scott and Sandra McDonald
1110 College Avenue
Snyder, TX 79549
7017-0190-0000-4588-1344

Jan Alice Herrstrom
810 Forest Oaks Circle
Woodway, TX 76712
7017-0190-4588-1351

Twin Oaks Petroleum, LLC
7038 Chimney Hill Drive
Nolanville, TX 76559
7017-0190-0000-4588-1368

Robert and Brenda K. Patton
1007 Hidalgo Road
Carlsbad, NM 88220
7017-0190-0000-4588-1375

Margaret and Raymond H. McDonald, Jr.
1379 County Road 3566
Dike, TX 75437
7017-0190-0000-4588-1382

Lonny Ray McDonald
5505 Sioux Road
Carlsbad, NM 88220
7017-0190-0000-4588

Glen E. and Barbara McDonald
P. O. Box 367
Loving, NM 88256
7017-0190-0000-4588-1405

Application Non-Standard Location - Service List**OXY USA Inc.****Corral Fly 35-26 Federal Com #22H**

David H. and Vicki McDonald
P. O. Box 308
Loving, NM 88256-0308
7017-0190-0000-4588-1412

Enrich Henry McDonald a/k/a Henry E.
McDonald
P. O. Box 597
Loving, NM 88256
7017-0190-4588-1429

Rebecca G. Hooks
P. O. Box 111
Waring, TX 78074
7017-0190-0000-4588-1436

Micaella Gaines Klapuch
P. O. Box 227
Wimberly, TX 78676
7017-0190-0000-4588

Robert E. Gaines, Jr.
P. O. Box 105
Waring, TX 78074
7017-0190-0000-4588-1962

Mary Martha Gaines England
P. O. Box 541661
Grand Prairie, TX 75054
7017-0190-0000-4588-2136

Larry Ray McDonald
5505 Sioux Road
Carsbad, NM 88220
7017-0190-0000-4588-2143

George Scott Cranford
2009 Hubbard Court
Villa Rica, GA 30180
7017-0190-0000-4588-2150

T24S-R29E**Section 26: Unit D**

Matador Resource Company
One Linclon
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240
7017-0190-0000-4588-2167

Federal Abstract Company
P. O. Box 2288
Santa Fe, NM 87504
7017-0190-0000-4588-2174

T25S-R29E**Section 2: Unit D**

Vanguard Operating LLC
5847 San Felipe, Suite 3000
Houston, TX 77057
7017-0190-0000-4588-2181

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

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

06-Mar-2017



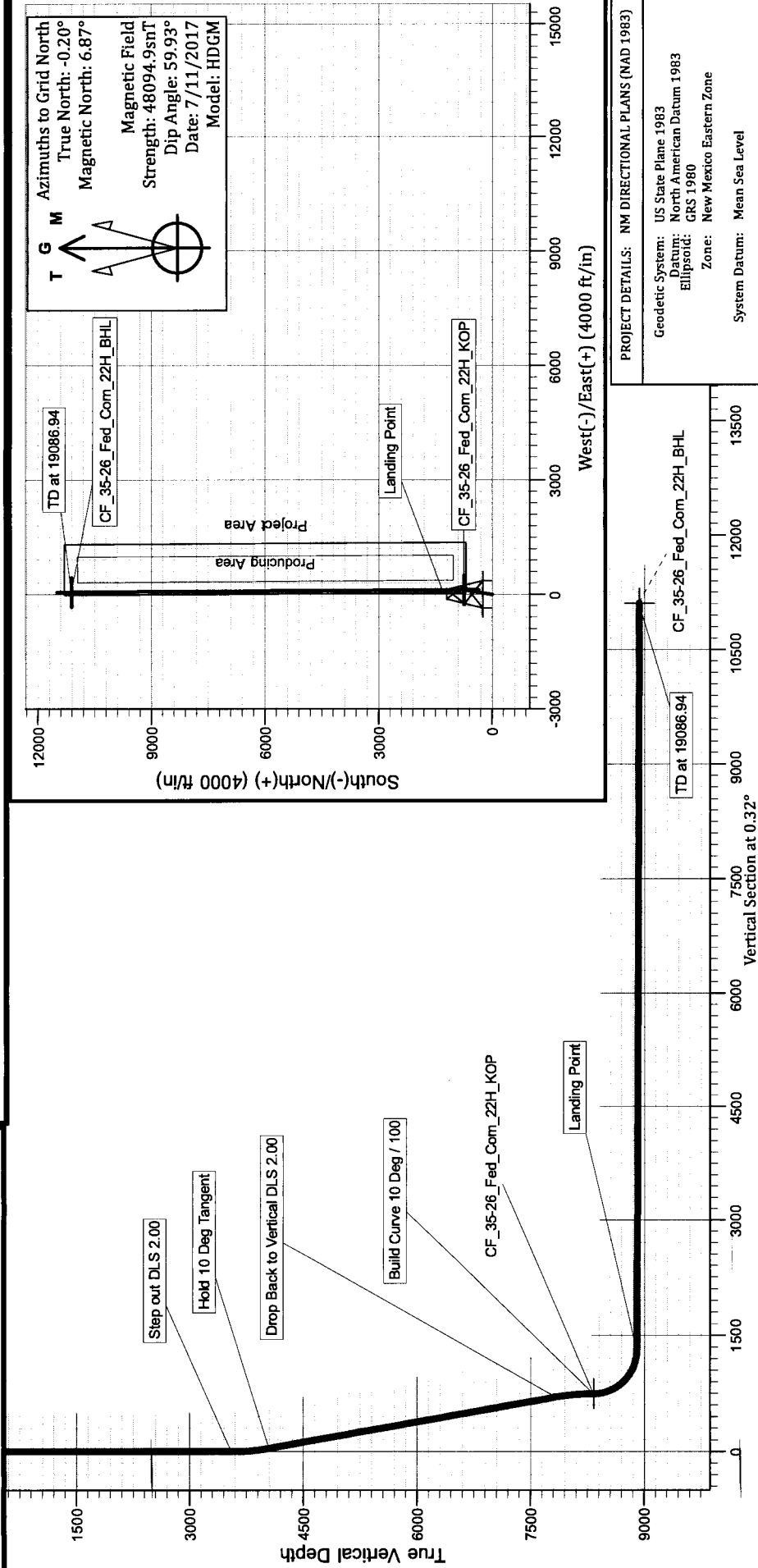
Sarah Mitchell
OXY USA Inc.



Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: Corral Fly 35-26 Fed Com 22H
Well: Corral Fly 35-26 Fed Com 22H
Wellbore: WB00
Design: Permitting Plan

WELL DETAILS: Corral Fly 35-26 Fed Com 22H

+N/-S	+E/-W	Ground Level: 3018.00	Latitude	Longitude
0.00	0.00	Easting	32° 9' 52.659909 N	103° 57' 34.425976 W
		656994.77		
		Datum @ 3044.50ft		



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	3550.00	0.00	0.00	3550.00	0.00	0.00	0.00	0.00	0.00		Step out DLS 2.00
3	4049.85	10.00	9.30	4047.32	42.92	7.03	2.00	9.30	42.96		Hold 10 Deg Tangent
4	7894.63	10.00	9.30	7833.72	701.58	114.93	0.00	0.00	702.21		Drop Back to Vertical DLS 2.00
5	8394.48	0.00	359.67	8331.04	744.51	121.96	2.00	180.00	745.17		Build Curve 10 Deg / 100
6	9292.48	89.80	359.67	8903.99	1315.46	118.64	10.00	-0.33	1316.09		Landing Point
7	19086.94	89.86	359.67	8933.00	11109.71	61.71	0.00	0.00	11109.88		TD at 19086.94

Oxy
Planning Report

Database: HOPSPP
Company: ENGINEERING DESIGNS
Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
Site: Corral Fly 35-26 Fed Com
Well: Corral Fly 35-26 Fed Com 22H
Wellbore: WB00
Design: Permitting Plan

Local Co-ordinate Reference: Well Corral Fly 35-26 Fed Com 22H
TVD Reference: Datum @ 3044.50ft
MD Reference: Datum @ 3044.50ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

System Datum: Mean Sea Level
Using geodetic scale factor

Site Corral Fly 35-26 Fed Com

Site Position: Northing: 424,216.68 usft Latitude: 32° 9' 56.417636 N
From: Map Easting: 659,697.45 usft Longitude: 103° 57' 2.967092 W
Position Uncertainty: 0.00 ft Slot Radius: 13.200 in Grid Convergence: 0.20 °

Well Corral Fly 35-26 Fed Com 22H

Well Position +N/-S -389.25 ft Northing: 32° 9' 52.659909 N
+E/-W -2,702.89 ft Easting: 103° 57' 34.425976 W
Position Uncertainty 0.00 ft Wellhead Elevation: 3,018.00 ft

Wellbore WB00

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	7/11/2017	7.07	59.93	48,095

Design Permitting Plan

Audit Notes:

Version: PROTOTYPE

Vertical Section:	Depth From (TVD) (ft)	Phase:	+N/-S (ft)	+E/-W (ft)	Tie On Depth:	Direction (°)
	0.00		0.00	0.00		0.32

Plan Sections		Vertical Depth		+N/-S		+E/-W		Dogleg Rate	Build Rate	Turn Rate	TFO	Target
Measured Depth (ft)	Inclination (°)	Azimuth (°)	(ft)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,550.00	0.00	0.00	3,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,049.85	10.00	9.30	4,047.32	42.92	7.03	2.00	2.00	0.00	2.00	0.00	9.30	
7,894.63	10.00	9.30	7,833.72	701.58	114.93	0.00	0.00	0.00	0.00	0.00	0.00	
8,394.48	0.00	359.67	8,331.04	744.51	121.96	2.00	2.00	0.00	-2.00	0.00	180.00	KOP
9,292.48	89.80	359.67	8,903.99	1,315.46	118.64	10.00	10.00	0.00	10.00	0.00	-0.33	BHL
19,086.95	89.86	359.67	8,933.00	11,109.71	61.71	0.00	0.00	0.00	0.00	0.00	0.00	

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
3,550.00	0.00	0.00	3,550.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	1.00	9.30	3,600.00	0.43	0.07	0.43	2.00	2.00	0.00
3,700.00	3.00	9.30	3,699.93	3.87	0.63	3.88	2.00	2.00	0.00
3,800.00	5.00	9.30	3,799.68	10.76	1.76	10.77	2.00	2.00	0.00
3,900.00	7.00	9.30	3,899.13	21.07	3.45	21.09	2.00	2.00	0.00
4,000.00	9.00	9.30	3,998.15	34.81	5.70	34.84	2.00	2.00	0.00
4,049.85	10.00	9.30	4,047.32	42.92	7.03	42.96	2.00	2.00	0.00
4,100.00	10.00	9.30	4,096.71	51.52	8.44	51.56	0.00	0.00	0.00
4,200.00	10.00	9.30	4,195.19	68.65	11.25	68.71	0.00	0.00	0.00
4,300.00	10.00	9.30	4,293.67	85.78	14.05	85.85	0.00	0.00	0.00
4,400.00	10.00	9.30	4,392.15	102.91	16.86	103.00	0.00	0.00	0.00
4,500.00	10.00	9.30	4,490.63	120.04	19.66	120.15	0.00	0.00	0.00
4,600.00	10.00	9.30	4,589.11	137.17	22.47	137.29	0.00	0.00	0.00
4,700.00	10.00	9.30	4,687.60	154.30	25.28	154.44	0.00	0.00	0.00
4,800.00	10.00	9.30	4,786.08	171.43	28.08	171.59	0.00	0.00	0.00
4,900.00	10.00	9.30	4,884.56	188.57	30.89	188.73	0.00	0.00	0.00
5,000.00	10.00	9.30	4,983.04	205.70	33.70	205.88	0.00	0.00	0.00
5,100.00	10.00	9.30	5,081.52	222.83	36.50	223.03	0.00	0.00	0.00

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)
5,200.00	10.00	9.30	5,180.01	239.96	39.31	240.17	0.00	0.00	0.00
5,300.00	10.00	9.30	5,278.49	257.09	42.11	257.32	0.00	0.00	0.00
5,400.00	10.00	9.30	5,376.97	274.22	44.92	274.47	0.00	0.00	0.00
5,500.00	10.00	9.30	5,475.45	291.35	47.73	291.61	0.00	0.00	0.00
5,600.00	10.00	9.30	5,573.93	308.48	50.53	308.76	0.00	0.00	0.00
5,700.00	10.00	9.30	5,672.41	325.62	53.34	325.91	0.00	0.00	0.00
5,800.00	10.00	9.30	5,770.90	342.75	56.15	343.05	0.00	0.00	0.00
5,900.00	10.00	9.30	5,869.38	359.88	58.95	360.20	0.00	0.00	0.00
6,000.00	10.00	9.30	5,967.86	377.01	61.76	377.35	0.00	0.00	0.00
6,100.00	10.00	9.30	6,066.34	394.14	64.57	394.49	0.00	0.00	0.00
6,200.00	10.00	9.30	6,164.82	411.27	67.37	411.64	0.00	0.00	0.00
6,300.00	10.00	9.30	6,263.30	428.40	70.18	428.79	0.00	0.00	0.00
6,400.00	10.00	9.30	6,361.79	445.53	72.98	445.93	0.00	0.00	0.00
6,500.00	10.00	9.30	6,460.27	462.67	75.79	463.08	0.00	0.00	0.00
6,600.00	10.00	9.30	6,558.75	479.80	78.60	480.23	0.00	0.00	0.00
6,700.00	10.00	9.30	6,657.23	496.93	81.40	497.37	0.00	0.00	0.00
6,800.00	10.00	9.30	6,755.71	514.06	84.21	514.52	0.00	0.00	0.00
6,900.00	10.00	9.30	6,854.19	531.19	87.02	531.67	0.00	0.00	0.00
7,000.00	10.00	9.30	6,952.68	548.32	89.82	548.81	0.00	0.00	0.00
7,100.00	10.00	9.30	7,051.16	565.45	92.63	565.96	0.00	0.00	0.00
7,200.00	10.00	9.30	7,149.64	582.58	95.43	583.11	0.00	0.00	0.00
7,300.00	10.00	9.30	7,248.12	599.72	98.24	600.25	0.00	0.00	0.00
7,400.00	10.00	9.30	7,346.60	616.85	101.05	617.40	0.00	0.00	0.00
7,500.00	10.00	9.30	7,445.08	633.98	103.85	634.55	0.00	0.00	0.00
7,600.00	10.00	9.30	7,543.57	651.11	106.66	651.69	0.00	0.00	0.00
7,700.00	10.00	9.30	7,642.05	668.24	109.47	668.84	0.00	0.00	0.00
7,800.00	10.00	9.30	7,740.53	685.37	112.27	685.99	0.00	0.00	0.00
7,894.63	10.00	9.30	7,833.72	701.58	114.93	702.21	0.00	0.00	0.00
7,900.00	9.89	9.30	7,839.01	702.50	115.08	703.13	2.00	-2.00	0.00
8,000.00	7.89	9.30	7,937.81	717.75	117.58	718.39	2.00	-2.00	0.00
8,100.00	5.89	9.30	8,037.08	729.58	119.51	730.24	2.00	-2.00	0.00
8,200.00	3.89	9.30	8,136.71	738.00	120.89	738.66	2.00	-2.00	0.00
8,300.00	1.89	9.30	8,236.58	742.97	121.71	743.64	2.00	-2.00	0.00
8,394.48	0.00	359.67	8,331.04	744.51	121.96	745.17	2.00	-2.00	0.00
8,400.00	0.55	359.67	8,336.56	744.53	121.96	745.20	10.00	10.00	0.00
8,500.00	10.55	359.67	8,435.96	754.20	121.90	754.86	10.00	10.00	0.00
8,600.00	20.55	359.67	8,532.18	780.97	121.75	781.64	10.00	10.00	0.00
8,700.00	30.55	359.67	8,622.29	824.05	121.50	824.71	10.00	10.00	0.00
8,800.00	40.55	359.67	8,703.54	882.12	121.16	882.78	10.00	10.00	0.00
8,900.00	50.55	359.67	8,773.48	953.42	120.75	954.07	10.00	10.00	0.00
9,000.00	60.55	359.67	8,829.97	1,035.78	120.27	1,036.43	10.00	10.00	0.00
9,100.00	70.55	359.67	8,871.31	1,126.69	119.74	1,127.34	10.00	10.00	0.00
9,200.00	80.55	359.67	8,896.23	1,223.41	119.18	1,224.05	10.00	10.00	0.00
9,292.48	89.80	359.67	8,903.99	1,315.46	118.64	1,316.09	10.00	10.00	0.00
9,300.00	89.80	359.67	8,904.02	1,322.98	118.60	1,323.61	0.00	0.00	0.00
9,400.00	89.80	359.67	8,904.37	1,422.97	118.02	1,423.61	0.00	0.00	0.00
9,500.00	89.80	359.67	8,904.72	1,522.97	117.43	1,523.60	0.00	0.00	0.00
9,600.00	89.80	359.67	8,905.06	1,622.97	116.85	1,623.59	0.00	0.00	0.00
9,700.00	89.80	359.67	8,905.41	1,722.97	116.27	1,723.59	0.00	0.00	0.00
9,800.00	89.80	359.67	8,905.75	1,822.96	115.69	1,823.58	0.00	0.00	0.00
9,900.00	89.80	359.67	8,906.10	1,922.96	115.11	1,923.57	0.00	0.00	0.00
10,000.00	89.80	359.67	8,906.44	2,022.96	114.53	2,023.56	0.00	0.00	0.00
10,100.00	89.81	359.67	8,906.78	2,122.96	113.95	2,123.56	0.00	0.00	0.00
10,200.00	89.81	359.67	8,907.12	2,222.96	113.37	2,223.55	0.00	0.00	0.00

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)
10,300.00	89.81	359.67	8,907.46	2,322.95	112.79	2,323.54	0.00	0.00	0.00
10,400.00	89.81	359.67	8,907.79	2,422.95	112.20	2,423.54	0.00	0.00	0.00
10,500.00	89.81	359.67	8,908.13	2,522.95	111.62	2,523.53	0.00	0.00	0.00
10,600.00	89.81	359.67	8,908.47	2,622.95	111.04	2,623.52	0.00	0.00	0.00
10,700.00	89.81	359.67	8,908.80	2,722.94	110.46	2,723.52	0.00	0.00	0.00
10,800.00	89.81	359.67	8,909.13	2,822.94	109.88	2,823.51	0.00	0.00	0.00
10,900.00	89.81	359.67	8,909.47	2,922.94	109.30	2,923.50	0.00	0.00	0.00
11,000.00	89.81	359.67	8,909.80	3,022.94	108.72	3,023.49	0.00	0.00	0.00
11,100.00	89.81	359.67	8,910.13	3,122.94	108.14	3,123.49	0.00	0.00	0.00
11,200.00	89.81	359.67	8,910.46	3,222.93	107.55	3,223.48	0.00	0.00	0.00
11,300.00	89.81	359.67	8,910.78	3,322.93	106.97	3,323.47	0.00	0.00	0.00
11,400.00	89.81	359.67	8,911.11	3,422.93	106.39	3,423.47	0.00	0.00	0.00
11,500.00	89.81	359.67	8,911.44	3,522.93	105.81	3,523.46	0.00	0.00	0.00
11,600.00	89.81	359.67	8,911.76	3,622.92	105.23	3,623.45	0.00	0.00	0.00
11,700.00	89.81	359.67	8,912.09	3,722.92	104.65	3,723.45	0.00	0.00	0.00
11,800.00	89.82	359.67	8,912.41	3,822.92	104.07	3,823.44	0.00	0.00	0.00
11,900.00	89.82	359.67	8,912.73	3,922.92	103.49	3,923.43	0.00	0.00	0.00
12,000.00	89.82	359.67	8,913.05	4,022.92	102.90	4,023.42	0.00	0.00	0.00
12,100.00	89.82	359.67	8,913.37	4,122.91	102.32	4,123.42	0.00	0.00	0.00
12,200.00	89.82	359.67	8,913.69	4,222.91	101.74	4,223.41	0.00	0.00	0.00
12,300.00	89.82	359.67	8,914.00	4,322.91	101.16	4,323.40	0.00	0.00	0.00
12,400.00	89.82	359.67	8,914.32	4,422.91	100.58	4,423.40	0.00	0.00	0.00
12,500.00	89.82	359.67	8,914.63	4,522.90	100.00	4,523.39	0.00	0.00	0.00
12,600.00	89.82	359.67	8,914.95	4,622.90	99.42	4,623.38	0.00	0.00	0.00
12,700.00	89.82	359.67	8,915.26	4,722.90	98.84	4,723.38	0.00	0.00	0.00
12,800.00	89.82	359.67	8,915.57	4,822.90	98.26	4,823.37	0.00	0.00	0.00
12,900.00	89.82	359.67	8,915.88	4,922.90	97.67	4,923.36	0.00	0.00	0.00
13,000.00	89.82	359.67	8,916.19	5,022.89	97.09	5,023.36	0.00	0.00	0.00
13,100.00	89.82	359.67	8,916.50	5,122.89	96.51	5,123.35	0.00	0.00	0.00
13,200.00	89.82	359.67	8,916.81	5,222.89	95.93	5,223.34	0.00	0.00	0.00
13,300.00	89.82	359.67	8,917.12	5,322.89	95.35	5,323.33	0.00	0.00	0.00
13,400.00	89.83	359.67	8,917.42	5,422.88	94.77	5,423.33	0.00	0.00	0.00
13,500.00	89.83	359.67	8,917.72	5,522.88	94.19	5,523.32	0.00	0.00	0.00
13,600.00	89.83	359.67	8,918.03	5,622.88	93.61	5,623.31	0.00	0.00	0.00
13,700.00	89.83	359.67	8,918.33	5,722.88	93.02	5,723.31	0.00	0.00	0.00
13,800.00	89.83	359.67	8,918.63	5,822.88	92.44	5,823.30	0.00	0.00	0.00
13,900.00	89.83	359.67	8,918.93	5,922.87	91.86	5,923.29	0.00	0.00	0.00
14,000.00	89.83	359.67	8,919.23	6,022.87	91.28	6,023.29	0.00	0.00	0.00
14,100.00	89.83	359.67	8,919.53	6,122.87	90.70	6,123.28	0.00	0.00	0.00
14,200.00	89.83	359.67	8,919.82	6,222.87	90.12	6,223.27	0.00	0.00	0.00
14,300.00	89.83	359.67	8,920.12	6,322.87	89.54	6,323.27	0.00	0.00	0.00
14,400.00	89.83	359.67	8,920.41	6,422.86	88.96	6,423.26	0.00	0.00	0.00
14,500.00	89.83	359.67	8,920.71	6,522.86	88.37	6,523.25	0.00	0.00	0.00
14,600.00	89.83	359.67	8,921.00	6,622.86	87.79	6,623.24	0.00	0.00	0.00
14,700.00	89.83	359.67	8,921.29	6,722.86	87.21	6,723.24	0.00	0.00	0.00
14,800.00	89.83	359.67	8,921.58	6,822.85	86.63	6,823.23	0.00	0.00	0.00
14,900.00	89.83	359.67	8,921.87	6,922.85	86.05	6,923.22	0.00	0.00	0.00
15,000.00	89.84	359.67	8,922.16	7,022.85	85.47	7,023.22	0.00	0.00	0.00
15,100.00	89.84	359.67	8,922.44	7,122.85	84.89	7,123.21	0.00	0.00	0.00
15,200.00	89.84	359.67	8,922.73	7,222.85	84.31	7,223.20	0.00	0.00	0.00
15,300.00	89.84	359.67	8,923.01	7,322.84	83.72	7,323.20	0.00	0.00	0.00
15,400.00	89.84	359.67	8,923.30	7,422.84	83.14	7,423.19	0.00	0.00	0.00
15,500.00	89.84	359.67	8,923.58	7,522.84	82.56	7,523.18	0.00	0.00	0.00
15,600.00	89.84	359.67	8,923.86	7,622.84	81.98	7,623.18	0.00	0.00	0.00

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	89.84	359.67	8,924.14	7,722.84	81.40	7,723.17	0.00	0.00	0.00
15,800.00	89.84	359.67	8,924.42	7,822.83	80.82	7,823.16	0.00	0.00	0.00
15,900.00	89.84	359.67	8,924.70	7,922.83	80.24	7,923.16	0.00	0.00	0.00
16,000.00	89.84	359.67	8,924.98	8,022.83	79.66	8,023.15	0.00	0.00	0.00
16,100.00	89.84	359.67	8,925.25	8,122.83	79.08	8,123.14	0.00	0.00	0.00
16,200.00	89.84	359.67	8,925.53	8,222.83	78.49	8,223.13	0.00	0.00	0.00
16,300.00	89.84	359.67	8,925.80	8,322.82	77.91	8,323.13	0.00	0.00	0.00
16,400.00	89.84	359.67	8,926.07	8,422.82	77.33	8,423.12	0.00	0.00	0.00
16,500.00	89.84	359.67	8,926.35	8,522.82	76.75	8,523.11	0.00	0.00	0.00
16,600.00	89.85	359.67	8,926.62	8,622.82	76.17	8,623.11	0.00	0.00	0.00
16,700.00	89.85	359.67	8,926.89	8,722.82	75.59	8,723.10	0.00	0.00	0.00
16,800.00	89.85	359.67	8,927.16	8,822.81	75.01	8,823.09	0.00	0.00	0.00
16,900.00	89.85	359.67	8,927.42	8,922.81	74.43	8,923.09	0.00	0.00	0.00
17,000.00	89.85	359.67	8,927.69	9,022.81	73.84	9,023.08	0.00	0.00	0.00
17,100.00	89.85	359.67	8,927.95	9,122.81	73.26	9,123.07	0.00	0.00	0.00
17,200.00	89.85	359.67	8,928.22	9,222.81	72.68	9,223.07	0.00	0.00	0.00
17,300.00	89.85	359.67	8,928.48	9,322.80	72.10	9,323.06	0.00	0.00	0.00
17,400.00	89.85	359.67	8,928.74	9,422.80	71.52	9,423.05	0.00	0.00	0.00
17,500.00	89.85	359.67	8,929.00	9,522.80	70.94	9,523.05	0.00	0.00	0.00
17,600.00	89.85	359.67	8,929.26	9,622.80	70.36	9,623.04	0.00	0.00	0.00
17,700.00	89.85	359.67	8,929.52	9,722.80	69.78	9,723.03	0.00	0.00	0.00
17,800.00	89.85	359.67	8,929.78	9,822.79	69.19	9,823.03	0.00	0.00	0.00
17,900.00	89.85	359.67	8,930.04	9,922.79	68.61	9,923.02	0.00	0.00	0.00
18,000.00	89.85	359.67	8,930.29	10,022.79	68.03	10,023.01	0.00	0.00	0.00
18,100.00	89.85	359.67	8,930.55	10,122.79	67.45	10,123.01	0.00	0.00	0.00
18,200.00	89.86	359.67	8,930.80	10,222.78	66.87	10,223.00	0.00	0.00	0.00
18,300.00	89.86	359.67	8,931.05	10,322.78	66.29	10,322.99	0.00	0.00	0.00
18,400.00	89.86	359.67	8,931.30	10,422.78	65.71	10,422.99	0.00	0.00	0.00
18,500.00	89.86	359.67	8,931.55	10,522.78	65.13	10,522.98	0.00	0.00	0.00
18,600.00	89.86	359.67	8,931.80	10,622.78	64.54	10,622.97	0.00	0.00	0.00
18,700.00	89.86	359.67	8,932.05	10,722.77	63.96	10,722.96	0.00	0.00	0.00
18,800.00	89.86	359.67	8,932.30	10,822.77	63.38	10,822.96	0.00	0.00	0.00
18,900.00	89.86	359.67	8,932.54	10,922.77	62.80	10,922.95	0.00	0.00	0.00
19,000.00	89.86	359.67	8,932.79	11,022.77	62.22	11,022.94	0.00	0.00	0.00
19,086.95	89.86	359.67	8,933.00	11,109.71	61.71	11,109.88	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
CF_35-26_Fed_Com_22H_KOF	0.00	0.00	8,331.04 - plan hits target center - Point	744.51	121.96	424,571.91	657,116.72	32° 10' 0.022752 N 103° 57' 32.977106 W	
CF_35-26_Fed_Com_22H_BHL - plan hits target center - Point	0.00	0.00	8,933.00	11,109.71	61.71	434,936.31	657,056.48	32° 11' 42.590108 N 103° 57' 33.258633 W	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,550.00	3,550.00	0.00	0.00	Step out DLS 2.00
4,049.85	4,047.32	42.92	7.03	Hold 10 Deg Tangent
7,894.63	7,833.72	701.58	114.93	Drop Back to Vertical DLS 2.00
8,394.48	8,331.04	744.51	121.96	Build Curve 10 Deg / 100
9,292.48	8,903.99	1,315.46	118.64	Landing Point
19,086.95	8,933.00	11,109.71	61.71	TD at 19086.94



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

March 6, 2018

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

RE: Application for Nonstandard Location—Engineering Justification
OXY USA Inc.
Corral Fly 35-26 Federal Com #22H
E/2 W/2 Sections 26 and 35, T24S-R29E, Eddy County

Dear Mr. Lowe:

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kacie Cruz", with a stylized flourish at the end.

Kacie Cruz
Development Production Engineer

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

March 26, 2018

Via e-mail

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

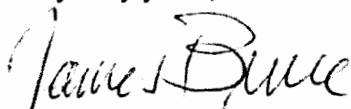
Re: OXY USA Inc.
Administrative NSL application

Corral Fly 35-26 Fed. Com. Well No. 22H
E/2W/2 §35 and E/2W/2 §26-24S-29E
Eddy County, New Mexico

Ladies and gentlemen:

Matador Resource Company ("Matador"), an offset interest owner to the above well, objects to the above application because the well's may impair Matador's correlative rights. Matador is in contact with OXY, and anticipates reaching an agreement that will resolve its concerns. If so, it will then withdraw the objection.

Very truly yours,



James Bruce

Attorney for Matador Resource Company

cc: OXY USA Inc.

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Wednesday, April 4, 2018 11:31 AM
To: 'Sarah_Mitchell@oxy.com'
Cc: McMillan, Michael, EMNRD; Jones, William V, EMNRD; Podany, Raymond, EMNRD; Inge, Richard, EMNRD; Klein, Ranell, EMNRD
Subject: Protested NSL Application: Corral Fly 35–26 Fed. Com Well No. 22H (API 30-015-44703) – Lot 4, Section 2, T. 25 S., R. 29 E., NMPM, Eddy County, New Mexico.
Attachments: matador-letter-nsl-oxy.pdf
Importance: High

RE: NSL Application for Corral Fly 35 – 26 Fed. Com Well No. 22H (API 30-015-44703) – Lot 4, Section 2, T. 25 S., R. 29 E., NMPM, Eddy County, New Mexico.

Ms. Sarah Mitchell:

OCD was notified that Matador Resource Company is protesting this application for approval of an Unorthodox well location (NSL) into the Bone Spring formation. Matador has been identified as an affected person for the NSL well. Therefore, you are being notified that if OXY USA, INC. wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party.

The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days (04/26/2018), OCD will ~~initiate the process for the application to be reviewed at hearing~~. Please contact me with any questions regarding this matter. **DISCARD THE APPLICATION**

Contact for that Matador Resource Company.

James Bruce
jamesbruc@aol.com

Leonard Lowe

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

From: [Lowe, Leonard, EMNRD](#)
To: ["Sarah_Mitchell@oxy.com"](#)
Cc: [Mike Bratcher \(mike.bratcher@state.nm.us\)](#); [Cordero, Gilbert, EMNRD](#); ["jglover@blm.gov"](#); ["scaffey@blm.gov"](#); ["rjsanche@blm.gov"](#); ["jstovall@blm.gov"](#); [Jones, William V, EMNRD](#); [McMillan, Michael, EMNRD](#); [Goetze, Phillip, EMNRD](#); [Dawson, Scott, EMNRD](#); ["lisa@rwbyram.com"](#)
Subject: APPROVED NSL-7705_OXY USA INC_Corral Fly 35 26 Federal Com Well No. 22H_SEC 2 25S 29E
Date: Tuesday, May 15, 2018 9:38:00 AM
Importance: High

Ms. Sarah Mitchell,

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

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

Applicant: OXY USA INC. [16696]

NSL-7705

WELL: Corral Fly 35 26 Federal Com Well No. 22H [API #: 30-015-44703]

Leonard Lowe

Engineering Bureau

Oil Conservation Division

Energy Minerals and Natural Resources Department

1220 South St. Frances

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Office: 505-476-3492

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E-mail: leonard.lowe@state.nm.us

Website: <http://www.emnrd.state.nm.us/ocd/>