

DATE IN 7/15/16	SUSPENSE	ENGINEER LRL	LOGGED IN 7/20/16	TYPE NSL	PLEL APP NO 1620257495
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8/5/16

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- 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

NSL-74491

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

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

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

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

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

[B] ☒ Offset Operators, Leaseholders or Surface Owner

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

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

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

[F] ☐ Waivers are Attached

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

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

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

David Stewart
 Print or Type Name

[Signature]
 Signature

SR. Regulatory Advisor 7/14/16
 Title Date

david_stewart@oxy.com
 e-mail Address

OXY USA WTP LP
 Corral Fly 2 State #7H
 30-015-43838

RECEIVED OOD
 JUL 21 15 A 4 29



OXY USA WTP LP

PO Box 50250
Midland, TX 79710-0250

July 14, 2016

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 2 State #7H - Pierce Crossing Bone Spring, East
Surface – 120 FNL 891 FEL Ut A (1) Sec 2 T25S R29E
Top Perforation – 340 FNL 1260 FEL Ut A (1) Sec 2 T25S R29E
Bottom Perforation – 340 FSL 1260 FEL Ut P Sec 2 T25S R29E
Bottom Hole – 180 FSL 1260 FEL Ut P Sec 2 T25S R29E
Eddy County, New Mexico*

Dear Mr. Lowe:

OXY USA WTP LP respectfully requests administrative approval of a non-standard location on the Corral Fly 2 State #7H well, API Number-30-015-43838, Property Code 316370. The #4H well is proposed to be completed in the Pierce Crossing Bone Spring, East, 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 – 120 FNL 891 FEL Ut A (1) Sec 2 T25S R29E
Top Perforation – 340 FNL 1260 FEL Ut A (1) Sec 2 T25S R29E
Bottom Perforation – 340 FSL 1260 FEL Ut P Sec 2 T25S R29E
Bottom Hole – 180 FSL 1260 FEL Ut P Sec 2 T25S R29E

The adjoining spacing units are located in T24S R29E Section 35 – Units O, P; Section 36 – Unit M; T25S R29E Section 1 – Units D, E, L, M; Section 2 – Units B, G, J, O; Section 11 – Units A, B; Section 12 – Units 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 well along with a copy of the certified returned receipts. Copies of the signed certified receipts will be furnished upon request.
4. Proposed Directional Survey

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

Sincerely,

David Stewart
Sr. Regulatory Advisor
OXY USA WTP LP

Attachments

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

District I
1025 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax (505) 393-0723

District II
811 S. First St., Artesia, NM 88210
Phone (505) 743-1233 Fax (505) 743-0723

District III
1050 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6173

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3470 Fax (505) 478-3452

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-131
August 1, 2011
Permit 221632

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address OXY USA WTP LIMITED PARTNERSHIP PO Box 4294 Houston, TX 77210		2. OGRID Number 192463
4. Property Code 316370		3. API Number 30-015-43838
5. Property Name CORRAL FLY 2 STATE		6. Well No 007H

7. Surface Location

UL - Lot A	Section 2	Township 25S	Range 29E	Lot Idn 1	Feet From 120	N/S Line N	Feet From 891	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot P	Section 2	Township 25S	Range 29E	Lot Idn P	Feet From 180	N/S Line S	Feet From 1260	E/W Line E	County Eddy
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9. Pool Information

PIERCE CROSSING; BONE SPRING, EAST	96473
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Casing/ Rotary	14. Lease Type State	15. Ground Level Elevation 3073
16. Multiple N	17. Proposed Depth 13850	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 9/2/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	10.75	40.5	486	306	0
Prod	9.875	7.625	26.4	8346	1804	0
Liner1	6.75	5.5	17	13850	334	8246

Casing/Cement Program: Additional Comments

Proposed Casing/Cementing Program: Intermediate 1 - Contingency DVT/IECP @ +/- 3286'. If cement circulates to surface during primary cementing operation, DVT cancellation cone will be run and 2nd stage cancelled. Proposed Mud Program: 0-466' FW Gel - 466-3286' Saturated Brine - 3286-8346' EnerSeal (LMMH) - 8346'-TD Oil Based Mud. BOP Program: 13-5/8" 5M three ram stack w/ 5M annular preventer, 5M choke manifold. Additional information will be sent along with the H2S plan.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.		OIL CONSERVATION DIVISION	
Signature:			
Printed Name:	Electronically filed by KELLEY MONTGOMERY	Approved By:	Paul Kautz
Title:	Manager Regulatory	Title:	Geologist
Email Address:	kelley_montgomery@oxy.com	Approved Date:	6/28/2016
Date:	6/27/2016	Phone:	713-366-5716
		Expiration Date:	6/28/2018
Conditions of Approval Attached			

Application Non-Standard Location - Service List

OXY USA WTP LP

Corral Fly 2 State #7H

New Mexico Oil Conservation Division
811 S. First St.
Artesia, NM 88210

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

New Mexico State Land Office
P.O. Box 1148
Santa Fe, NM 87504

United States Dept of Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220

T24S R29E

Section 35 - Unit O, P

Mewbourne Oil CO.
P.O. Box 5270
Hobbs, NM 88241

OXY USA WTP LP
P.O. Box 50250
Midland, TX 79710

Section 36 - Unit M

Mewbourne Oil CO.
P.O. Box 5270
Hobbs, NM 88241

T25S R29E

Section 1 - Units D, E, L, M

COG Production, LLC
600 W. Illinois Ave.
Midland, TX 79701

Section 2 - Units B, G, J, O ✓

OXY USA WTP LP
P.O. Box 50250
Midland, TX 79710

Vanguard Operating LLC (Delaware)
1209 S. Main St.
Lovington, NM 88260

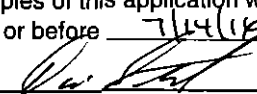
Section 11 - Units A, B

EOG Resources Inc.
P.O. Box 2267
Midland, TX 79702

Section 12 - Units M

Yates Petroleum Corp
105 S. 4th St.
Artesia, NM 88210

Copies of this application were mailed to the following individuals, companies and organizations
on or before 7/14/10.



David Stewart
OXY USA WTP LP.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NMOC
1220 South St. Francis Dr.
Santa Fe, NM 87505

2. Article Number
(Transfer from service label) 7013 1710 0001 7912 6235

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X ☐ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BLM
620 E. Greene St.
Carmichael, NM 88220

2. Article Number
(Transfer from service label) 7013 1710 0001 7912 6259

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X ☐ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

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1. Article Addressed to:

Vanguard Operating LLC
1209 S. Main St.
Lorington, NM 88260

2. Article Number
(Transfer from service label) 7013 1710 0001 7912 6273

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X ☐ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NMOC
84 S. First St.
Artesia, NM 88210

2. Article Number
(Transfer from service label) 7013 1710 0001 7912 6228

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X ☐ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NMSLO
P.O. Box 1148
Santa Fe, NM 87504

2. Article Number
(Transfer from service label) 7013 1710 0001 7912 6242

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X ☐ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Melbourne Oil Co.
P.O. Box 5710
Hobbs, NM 88241

2. Article Number
(Transfer from service label) 7013 1710 0001 7912 6266

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
X ☐ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COG Production LLC
600 W. Illinois Ave.
Midland, TX 79701

2. Article Number

(Transfer from service label)

7013 1710 0001 7912 6280

PS Form 3811, February 2004

Domestic Return Receipt

102598-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EOG Resources Inc.,
P.O. Box 2267
Midland, TX 79702

2. Article Number

(Transfer from service label)

7013 1710 0001 7912 6297

PS Form 3811, February 2004

Domestic Return Receipt

102598-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Yates Petroleum Corp.,
1055. 4th St.
Aukesign NM 89210

2. Article Number

(Transfer from service label)

7013 1710 0001 7912 6303

PS Form 3811, February 2004

Domestic Return Receipt

102598-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

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☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

District I
1635 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1281 Fax: (575) 748-9720
District III
1000 Rio Grande Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96473	Pool Name Pierce Crossing Bone Spring East
Property Code	Property Name CORRAL FLY "2" STATE	Well Number 7H
OGRID No. 192463	Operator Name OXY USA WTP LP	Elevation 3073.1'

Surface Location

UL or lot no.	Section	Township	Range	Lot (dn)	Feet from the	North/South line	Feet from the	East/West line	County
1	2	25 SOUTH	29 EAST, N.M.P.M.		120'	NORTH	891'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot (dn)	Feet from the	North/South line	Feet from the	East/West line	County
P	2	25 SOUTH	29 EAST, N.M.P.M.		180'	SOUTH	1260'	EAST	EDDY

Dedicated Acres 1.60	Joint or Infill Yes	Consolidation Code	Order No. NSL Application to 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.

	KICK OFF POINT NEW MEXICO EAST NAD 1927 Y=424422.31 US FT X=618559.13 US FT LAT: N 32.1662737 LONG: W 103.9501862	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 mineral interest in the land including the presumed 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 as a voluntary pooling agreement or a compulsory pooling order. Authorized by the division <i>David Stewart</i> 6/27/16 Signature Date David Stewart - Sr. Reg. Asst. Printed Name David.Stewart@oxy.com E-mail Address	
	TOP PERF. NEW MEXICO EAST NAD 1927 Y=424132.32 US FT X=618559.99 US FT LAT: N 32.1654765 LONG: W 103.9501868		PRODUCING AREA
	SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=424353.47 US FT X=618573.69 US FT LAT: N 32.1660808 LONG: W 103.9489938		PROJECT AREA
	BOTTOM PERF. NEW MEXICO EAST NAD 1927 Y=419506.07 US FT X=618573.69 US FT LAT: N 32.1527590 LONG: W 103.9501957		PRODUCING AREA
BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=419346.07 US FT X=618574.17 US FT LAT: N 32.1523192 LONG: W 103.9501950	PRODUCING AREA	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was obtained from field logs of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. ERRY JAS 15079 OCTOBER 13 2016 Date of Survey Signature and Seal Professional Surveyor <i>Terry Jas</i> 6/1/2016 Certificate Number 15079	



Plan - Rev1

OXY

RKB 26.5'

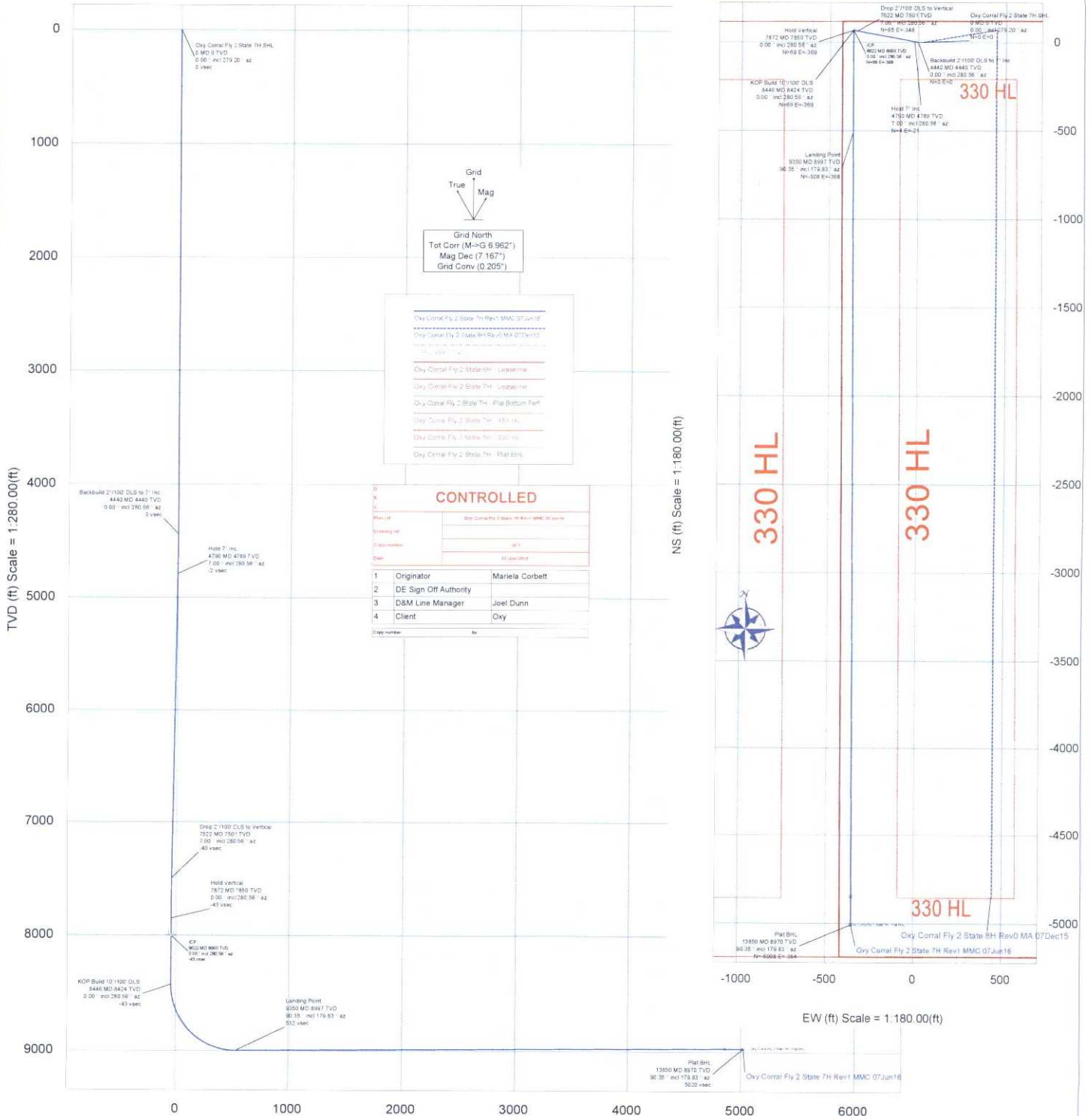
Schlumberger

Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Corral Fly 2 State 7H	NM Eddy County (NAD 27)	TBD

Gravity & Magnetic Parameters	Surface Location	NAD27 New Mexico State Plane, Eastern Zone, US Feet	Miscellaneous
Model: HDGM 2016 Dip: 60.001° Date: 07-Jun-2016	Lat: N 32 9 57.89 Northing: 424353.47RUS Grid Conv: 0.2048°	Slot: Oxy Corral Fly 2 State 7H	TVD Ref: RKB(3099.8ft above MSL)
MagDec: 7.167° FS: 48217.6RnT Gravity FS: 986.453mgN (9.80665 Based)	Lon: W 103 56 56.38 Easting: 618928.34RUS Scale Fact: 0.99992529	Plan: Oxy Corral Fly 2 State 7H Rev1 MMC 07Jun16	

Critical Points

Comments	Survey MD(ft)	Inclination(deg)	Azimuth(deg)	TVD(ft)	Sub-Sea TVD	VS(ft)	NS(ft)	EW(ft)	Latitude(deg)	Longitude(deg)	Easting(ftUS)	Northing(ftUS)	Closure(ft)	Closure Azimuth(deg)	DLSS(*100ft)	Tool Face(deg)
Oxy Corral Fly 2 State 7H SHL	0.00	0.00	279.20	0.00	-3099.60	0.00	0.00	0.00	N 32 9 57.891	W 103 56 56.378	618928.34	424353.47	0.00	0.00	0.00	280.56
Backbuild 2'/100' DLS to 7' Inc	4440.00	0.00	280.56	4440.00	1340.40	0.00	0.00	0.00	N 32 9 57.891	W 103 56 56.378	618928.34	424353.47	0.00	0.00	0.00	280.56
Hold 7' Inc	4789.93	7.00	280.56	4789.06	1689.46	-2.42	3.91	-20.98	N 32 9 57.930	W 103 56 56.622	618907.36	424357.38	21.35	280.56	2.00	280.56
Drop 2'/100' DLS to Vertical	7522.17	7.00	280.56	7500.94	4401.34	-40.20	64.93	-348.25	N 32 9 58.546	W 103 57 0.426	618580.11	424418.40	354.26	280.56	0.00	280.56
Hold Vertical	7872.10	0.00	280.56	7850.00	4750.40	-42.62	68.85	-369.24	N 32 9 58.585	W 103 57 0.670	618559.13	424422.31	375.60	280.56	2.00	280.56
ICP	8022.10	0.00	280.56	8000.00	4900.40	-42.62	68.85	-369.24	N 32 9 58.585	W 103 57 0.670	618559.13	424422.31	375.60	280.56	0.00	280.56
KOP Build 10'/100' DLS	8446.24	0.00	280.56	8424.14	5324.54	-42.62	68.85	-369.24	N 32 9 58.585	W 103 57 0.670	618559.13	424422.31	375.60	280.56	0.00	179.83
Landing Point	9349.74	90.35	179.83	8997.09	5897.49	-507.61	-367.53	-507.78	N 32 9 52.881	W 103 57 0.674	618560.84	423845.90	626.69	215.91	10.00	0.00
Plat BHL	13650.02	90.35	179.83	8969.60	5875.00	-507.78	-364.20	-507.78	N 32 9 52.849	W 103 57 0.706	618574.17	419346.07	5020.29	164.05	0.00	





Oxy Corral Fly 2 State 7H Rev1 MMC 07Jun16 Proposal Geodetic Report

(Non-Def Plan)

Report Date: June 07, 2016 - 07:16 PM
 Client: OXY
 Field: NM Eddy County (NAD 27)
 Structure / Slot: Oxy Corral Fly 2 State 7H / Oxy Corral Fly 2 State 7H
 Well: Oxy Corral Fly 2 State 7H
 Borehole: Original Borehole
 UWI / API#: Unknown / Unknown
 Survey Name: Oxy Corral Fly 2 State 7H Rev1 MMC 07Jun16
 Survey Date: December 07, 2015
 Tort / AHD / DDI / ERD Ratio: 104.347 * / 5452.253 ft / 5.942 / 0.606
 Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 9' 57.89100", W 103° 56' 56.37779"
 Location Grid N/E Y/X: N 424353 470 11US, E 618928 340 11US
 CRS Grid Convergence Angle: 0.2046 °
 Grid Scale Factor: 0.99992529
 Version / Patch: 2 9 365 0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 184.046 ° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3099.600 ft above MSL
 Seabed / Ground Elevation: 3073.100 ft above MSL
 Magnetic Declination: 7.187 °
 Total Gravity Field Strength: 998.4534 mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48217.881 nT
 Magnetic Dip Angle: 60.001 °
 Declination Date: June 07, 2015
 Magnetic Declination Model: HDGM 2015
 North Reference: Grid North
 Grid Convergence Used: 0.2046 °
 Total Corr Mag North->Grid North: 6.9626 °

Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Oxy Corral Fly 2 State 7H SH-L	0.00	0.00	279.20	0.00	-3099.60	0.00	0.00	0.00	N/A	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	100.00	0.00	280.56	100.00	-2999.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	200.00	0.00	280.56	200.00	-2899.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	300.00	0.00	280.56	300.00	-2799.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	400.00	0.00	280.56	400.00	-2699.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	500.00	0.00	280.56	500.00	-2599.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	600.00	0.00	280.56	600.00	-2499.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	700.00	0.00	280.56	700.00	-2399.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	800.00	0.00	280.56	800.00	-2299.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	900.00	0.00	280.56	900.00	-2199.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1000.00	0.00	280.56	1000.00	-2099.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1100.00	0.00	280.56	1100.00	-1999.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1200.00	0.00	280.56	1200.00	-1899.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1300.00	0.00	280.56	1300.00	-1799.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1400.00	0.00	280.56	1400.00	-1699.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1500.00	0.00	280.56	1500.00	-1599.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1600.00	0.00	280.56	1600.00	-1499.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1700.00	0.00	280.56	1700.00	-1399.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1800.00	0.00	280.56	1800.00	-1299.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	1900.00	0.00	280.56	1900.00	-1199.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2000.00	0.00	280.56	2000.00	-1099.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2100.00	0.00	280.56	2100.00	-999.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2200.00	0.00	280.56	2200.00	-899.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2300.00	0.00	280.56	2300.00	-799.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2400.00	0.00	280.56	2400.00	-699.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2500.00	0.00	280.56	2500.00	-599.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2600.00	0.00	280.56	2600.00	-499.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2700.00	0.00	280.56	2700.00	-399.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2800.00	0.00	280.56	2800.00	-299.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	2900.00	0.00	280.56	2900.00	-199.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3000.00	0.00	280.56	3000.00	-99.60	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3100.00	0.00	280.56	3100.00	0.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3200.00	0.00	280.56	3200.00	100.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3300.00	0.00	280.56	3300.00	200.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3400.00	0.00	280.56	3400.00	300.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3500.00	0.00	280.56	3500.00	400.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3600.00	0.00	280.56	3600.00	500.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3700.00	0.00	280.56	3700.00	600.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3800.00	0.00	280.56	3800.00	700.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	3900.00	0.00	280.56	3900.00	800.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	4000.00	0.00	280.56	4000.00	900.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	4100.00	0.00	280.56	4100.00	1000.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	4200.00	0.00	280.56	4200.00	1100.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	4300.00	0.00	280.56	4300.00	1200.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	4400.00	0.00	280.56	4400.00	1300.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
Backbuild 2 1/100' DLS to 7" Inc	4440.00	0.00	280.56	4440.00	1340.40	0.00	0.00	0.00	0.00	424353.47	618928.34	N 32° 9' 57.89	W 103° 56' 56.38
	4500.00	1.20	280.56	4500.00	1400.40	-0.07	0.12	-0.62	2.00	424353.58	618927.72	N 32° 9' 57.89	W 103° 56' 56.38
	4600.00	3.20	280.56	4599.92	1500.32	-0.51	0.82	-1.39	2.00	424354.29	618923.95	N 32° 9' 57.89	W 103° 56' 56.38
	4700.00	5.20	280.56	4599.64	1600.04	-1.34	2.16	-1.59	2.00	424355.63	618916.75	N 32° 9' 57.89	W 103° 56' 56.38
Hold 7" Inc	4789.93	7.00	280.56	4789.06	1689.46	-2.42	3.91	-20.98	2.00	424357.38	618907.36	N 32° 9' 57.89	W 103° 56' 56.38
	4800.00	7.00	280.56	4799.06	1699.46	-2.56	4.14	-22.19	0.00	424357.41	618905.15	N 32° 9' 57.89	W 103° 56' 56.38
	4900.00	7.00	280.56	4898.31	1798.71	-3.94	6.37	-34.17	0.00	424359.84	618894.17	N 32° 9' 57.89	W 103° 56' 56.38
	5000.00	7.00	280.56	4997.57	1897.97	-5.33	8.60	-46.15	0.00	424362.07	618882.20	N 32° 9' 57.89	W 103° 56' 56.38
	5100.00	7.00	280.56	5096.82	1997.22	-6.71	10.84	-58.12	0.00	424364.31	618870.22	N 32° 9' 57.89	W 103° 56' 56.38
	5200.00	7.00	280.56	5196.08	2096.48	-8.09	13.07	-70.10	0.00	424366.54	618858.24	N 32° 9' 57.89	W 103° 56' 56.38
	5300.00	7.00	280.56	5295.33	2195.73	-9.47	15.30	-82.08	0.00	424368.77	618846.27	N 32° 9' 57.89	W 103° 56' 56.38
	5400.00	7.00	280.56	5394.58	2294.98	-10.86	17.54	-94.06	0.00	424371.01	618834.29	N 32° 9' 57.89	W 103° 56' 56.38
	5500.00	7.00	280.56	5493.84	2394.24	-12.24	19.77	-106.04	0.00	424373.24	618822.31	N 32° 9' 57.89	W 103° 56' 56.38
	5600.00	7.00	280.56	5593.09	2493.49	-13.62	22.00	-118.01	0.00	424375.47	618810.33	N 32° 9' 57.89	W 103° 56' 56.38
	5700.00	7.00	280.56	5692.35	2592.75	-15.01	24.24	-129.99	0.00	424377.71	618798.35	N 32° 9' 57.89	W 103° 56' 56.38
	5800.00	7.00	280.56	5791.60	2692.00	-16.39	26.47	-141.97	0.00	424379.94	618786.38	N 32° 9' 57.89	W 103° 56' 56.38
	5900.00	7.00	280.56	5890.86	2791.26	-17.77	28.70	-153.95	0.00	424382.17	618774.40	N 32° 9' 57.89	W 103° 56' 56.38
	6000.00	7.00	280.56	5990.11	2890.51	-19.15	30.94	-165.93	0.00	424384.41	618762.43	N 32° 9' 57.89	W 103° 56' 56.38
	6100.00	7.00	280.56	6089.37	2989.77	-20.54	33.17	-177.91	0.00	424386.64	618750.45	N 32° 9' 57.89	W 103° 56' 56.38
Drop 2 1/100' DLS to Vertical	6200.00	7.00	280.56	6188.62	3089.02	-21.92	35.40	-189.88	0.00	424388.87	618738.48	N 32° 9' 57.89	W 103° 56' 56.38
	6300.00	7.00	280.56	6287.88	3188.28	-23.30	37.64	-201.86	0.00	424391.10			

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/1000)	Northing (ft)	Easting (ft)	Latitude (N/S)	Longitude (E/W)
ICP	8000.00	0.00	280.56	7977.90	4878.30	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
	8022.10	0.00	280.56	8000.00	4900.40	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
	8100.00	0.00	280.56	8077.90	4978.30	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
	8200.00	0.00	280.56	8177.90	5078.30	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
	8300.00	0.00	280.56	8277.90	5178.30	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
KOP Build 10°/100' DLS	8400.00	0.00	280.56	8377.90	5278.30	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
Landing Point	8446.24	0.00	280.56	8424.14	5324.54	-42.62	68.85	-369.24	0.00	424422.31	618559.13	N 32° 9' 58.59"	W 103° 57' 0.67"
	8500.00	5.38	179.83	8477.82	5378.22	-40.11	66.33	-359.23	10.00	424419.79	618559.14	N 32° 9' 58.58"	W 103° 57' 0.67"
	8600.00	15.38	179.83	8578.06	5476.46	-22.17	48.34	-309.18	10.00	424401.80	618559.19	N 32° 9' 58.38"	W 103° 57' 0.67"
	8700.00	25.38	179.83	8669.69	5570.09	12.51	13.56	-369.07	10.00	424387.03	618559.29	N 32° 9' 58.04"	W 103° 57' 0.67"
	8800.00	35.38	179.83	8755.85	5655.25	62.88	-36.94	-358.92	10.00	424316.53	618559.44	N 32° 9' 57.54"	W 103° 57' 0.67"
	8900.00	45.38	179.83	8831.94	5732.34	127.40	-101.64	-368.73	10.00	424251.84	618559.64	N 32° 9' 56.90"	W 103° 57' 0.67"
	9000.00	55.38	179.83	8895.63	5796.03	204.12	-178.55	-368.51	10.00	424174.92	618559.86	N 32° 9' 56.14"	W 103° 57' 0.67"
	9100.00	65.38	179.83	8945.00	5845.40	290.70	-265.38	-368.25	10.00	424088.11	618560.12	N 32° 9' 55.28"	W 103° 57' 0.67"
	9200.00	75.38	179.83	8978.54	5878.94	384.52	-359.45	-367.97	10.00	423994.04	618560.40	N 32° 9' 54.35"	W 103° 57' 0.67"
	9300.00	85.38	179.83	8995.24	5895.64	482.72	-457.92	-367.68	10.00	423895.58	618560.69	N 32° 9' 53.37"	W 103° 57' 0.67"
	9348.74	90.35	179.83	8997.09	5897.49	532.26	-507.61	-367.53	10.00	423846.90	618560.84	N 32° 9' 52.88"	W 103° 57' 0.67"
	9400.00	90.35	179.83	8996.78	5897.15	582.40	-557.87	-367.38	0.00	423795.64	618560.99	N 32° 9' 52.38"	W 103° 57' 0.67"
	9500.00	90.35	179.83	8996.17	5896.57	682.13	-657.87	-367.09	0.00	423695.65	618561.28	N 32° 9' 51.39"	W 103° 57' 0.68"
	9600.00	90.35	179.83	8995.56	5895.96	781.85	-757.88	-366.79	0.00	423595.65	618561.59	N 32° 9' 50.40"	W 103° 57' 0.68"
	9700.00	90.35	179.83	8994.95	5895.35	881.58	-857.86	-366.49	0.00	423495.67	618561.88	N 32° 9' 49.41"	W 103° 57' 0.68"
	9800.00	90.35	179.83	8994.34	5894.74	981.31	-957.86	-366.20	0.00	423395.68	618562.17	N 32° 9' 48.43"	W 103° 57' 0.68"
	9900.00	90.35	179.83	8993.73	5894.13	1081.04	-1057.86	-365.90	0.00	423295.69	618562.47	N 32° 9' 47.44"	W 103° 57' 0.68"
	10000.00	90.35	179.83	8993.12	5893.52	1180.76	-1157.85	-365.60	0.00	423195.70	618562.76	N 32° 9' 46.45"	W 103° 57' 0.68"
	10100.00	90.35	179.83	8992.51	5892.91	1280.49	-1257.85	-365.31	0.00	423095.71	618563.06	N 32° 9' 45.46"	W 103° 57' 0.68"
	10200.00	90.35	179.83	8991.90	5892.30	1380.22	-1357.85	-365.01	0.00	422995.72	618563.36	N 32° 9' 44.47"	W 103° 57' 0.68"
	10300.00	90.35	179.83	8991.29	5891.69	1479.95	-1457.85	-364.72	0.00	422895.73	618563.65	N 32° 9' 43.48"	W 103° 57' 0.68"
	10400.00	90.35	179.83	8990.67	5891.07	1579.67	-1557.85	-364.42	0.00	422795.74	618563.95	N 32° 9' 42.49"	W 103° 57' 0.68"
	10500.00	90.35	179.83	8990.06	5890.46	1679.40	-1657.84	-364.12	0.00	422695.75	618564.25	N 32° 9' 41.50"	W 103° 57' 0.68"
	10600.00	90.35	179.83	8989.45	5889.85	1779.13	-1757.84	-363.83	0.00	422595.76	618564.54	N 32° 9' 40.51"	W 103° 57' 0.68"
	10700.00	90.35	179.83	8988.84	5889.24	1878.86	-1857.84	-363.53	0.00	422495.77	618564.84	N 32° 9' 39.52"	W 103° 57' 0.68"
	10800.00	90.35	179.83	8988.23	5888.63	1978.58	-1957.84	-363.23	0.00	422395.78	618565.13	N 32° 9' 38.53"	W 103° 57' 0.68"
	10900.00	90.35	179.83	8987.62	5888.02	2078.31	-2057.83	-362.94	0.00	422295.79	618565.43	N 32° 9' 37.54"	W 103° 57' 0.68"
	11000.00	90.35	179.83	8987.01	5887.41	2178.04	-2157.83	-362.64	0.00	422195.80	618565.73	N 32° 9' 36.55"	W 103° 57' 0.68"
	11100.00	90.35	179.83	8986.40	5886.80	2277.77	-2257.83	-362.34	0.00	422095.81	618566.02	N 32° 9' 35.56"	W 103° 57' 0.68"
	11200.00	90.35	179.83	8985.79	5886.19	2377.50	-2357.83	-362.05	0.00	421995.82	618566.32	N 32° 9' 34.57"	W 103° 57' 0.68"
	11300.00	90.35	179.83	8985.18	5885.58	2477.22	-2457.82	-361.75	0.00	421895.83	618566.62	N 32° 9' 33.58"	W 103° 57' 0.68"
	11400.00	90.35	179.83	8984.57	5884.97	2576.95	-2557.82	-361.46	0.00	421795.84	618566.91	N 32° 9' 32.59"	W 103° 57' 0.68"
	11500.00	90.35	179.83	8983.96	5884.36	2676.68	-2657.82	-361.16	0.00	421695.85	618567.21	N 32° 9' 31.60"	W 103° 57' 0.68"
	11600.00	90.35	179.83	8983.34	5883.74	2776.41	-2757.82	-360.86	0.00	421595.86	618567.50	N 32° 9' 30.61"	W 103° 57' 0.68"
	11700.00	90.35	179.83	8982.73	5883.13	2876.13	-2857.82	-360.57	0.00	421495.87	618567.80	N 32° 9' 29.62"	W 103° 57' 0.69"
	11800.00	90.35	179.83	8982.12	5882.52	2975.86	-2957.81	-360.27	0.00	421395.88	618568.10	N 32° 9' 28.63"	W 103° 57' 0.69"
	11900.00	90.35	179.83	8981.51	5881.91	3075.59	-3057.81	-359.97	0.00	421295.89	618568.39	N 32° 9' 27.65"	W 103° 57' 0.69"
	12000.00	90.35	179.83	8980.90	5881.30	3175.32	-3157.81	-359.68	0.00	421195.90	618568.69	N 32° 9' 26.66"	W 103° 57' 0.69"
	12100.00	90.35	179.83	8980.29	5880.69	3275.04	-3257.81	-359.38	0.00	421095.91	618568.98	N 32° 9' 25.67"	W 103° 57' 0.69"
	12200.00	90.35	179.83	8979.68	5880.08	3374.77	-3357.80	-359.09	0.00	420995.92	618569.28	N 32° 9' 24.68"	W 103° 57' 0.69"
	12300.00	90.35	179.83	8979.07	5879.47	3474.50	-3457.80	-358.79	0.00	420895.93	618569.58	N 32° 9' 23.69"	W 103° 57' 0.69"
	12400.00	90.35	179.83	8978.46	5878.86	3574.23	-3557.80	-358.49	0.00	420795.94	618569.87	N 32° 9' 22.70"	W 103° 57' 0.70"
	12500.00	90.35	179.83	8977.85	5878.25	3673.95	-3657.80	-358.20	0.00	420695.95	618570.17	N 32° 9' 21.71"	W 103° 57' 0.70"
	12600.00	90.35	179.83	8977.24	5877.64	3773.68	-3757.79	-357.90	0.00	420595.96	618570.47	N 32° 9' 20.72"	W 103° 57' 0.70"
	12700.00	90.35	179.83	8976.63	5877.03	3873.41	-3857.79	-357.60	0.00	420495.97	618570.76	N 32° 9' 19.73"	W 103° 57' 0.70"
	12800.00	90.35	179.83	8976.01	5876.41	3973.14	-3957.79	-357.31	0.00	420395.98	618571.06	N 32° 9' 18.74"	W 103° 57' 0.70"
	12900.00	90.35	179.83	8975.40	5875.80	4072.86	-4057.79	-357.01	0.00	420295.99	618571.36	N 32° 9' 17.75"	W 103° 57' 0.70"
	13000.00	90.35	179.83	8974.79	5875.19	4172.59	-4157.79	-356.72	0.00	420196.00	618571.65	N 32° 9' 16.76"	W 103° 57' 0.70"
	13100.00	90.35	179.83	8974.18	5874.58	4272.32	-4257.78	-356.42	0.00	420096.01	618571.95	N 32° 9' 15.77"	W 103° 57' 0.70"
	13200.00	90.35	179.83	8973.57	5873.97	4372.05	-4357.78	-356.12	0.00	419996.02	618572.24	N 32° 9' 14.78"	W 103° 57' 0.70"
	13300.00	90.35	179.83	8972.96	5873.36	4471.77	-4457.78	-355.83	0.00	419896.03	618572.54	N 32° 9' 13.79"	W 103° 57' 0.70"
	13400.00	90.35	179.83	8972.35	5872.75	4571.50	-4557.78	-355.53	0.00	419796.04	618572.84	N 32° 9' 12.80"	W 103° 57' 0.70"
	13500.00	90.35	179.83	8971.74	5872.14	4671.23	-4657.77	-355.23	0.00	419696.05	618573.13	N 32° 9' 11.81"	W 103° 57' 0.70"
	13600.00	90.35	179.83	8971.13	5871.53	4770.96	-4757.77	-354.94	0.00	419596.06	618573.43	N 32° 9' 10.82"	W 103° 57' 0.70"
	13700.00	90.35	179.83	8970.52	5870.92	4870.69	-4857.77	-354.64	0.00	419496.07	618573.73	N 32° 9' 9.83"	W 103° 57' 0.70"
	13800.00	90.35	179.83	8969.91	5870.31	4970.41	-4957.77	-354.35	0.00	419396.08	618574.02	N 32° 9' 8.84"	W 103° 57' 0.71"
Plat BHL	13850.02	90.35	179.83	8969.60	5870.00	5020.29	-5007.78	-354.20	0.00	419346.07	618574.17	N 32° 9' 8.35"	W 103° 57' 0.71"

Survey Type: Non-Def Plan

Survey Error Model: ISCSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/100.000	30.000	30.000		SLB_MWD-STD_HDGM-Depth Only	Original Borehole / Oxy Corral Fly 2 State 7H Rev1 MMC 07Jun16
	1	26.500	13850.018	1/100.000	30.000	30.000		SLB_MWD-STD_HDGM	Original Borehole / Oxy Corral Fly 2 State 7H Rev1 MMC 07Jun16



OXY USA WTP LP

PO Box 50250
Midland, TX 79710-0250

July 14, 2016

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Re: *Application for Administrative Approval of Non-Standard Location –
Corral Fly 2 State #7H - Pierce Crossing Bone Spring, East
Surface – 120 FNL 891 FEL Ut A (1) Sec 2 T25S R29E
Top Perforation – 340 FNL 1260 FEL Ut A (1) Sec 2 T25S R29E
Bottom Perforation – 340 FSL 1260 FEL Ut P Sec 2 T25S R29E
Bottom Hole – 180 FSL 1260 FEL Ut P Sec 2 T25S 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 WTP LP, 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 – 120 FNL 891 FEL Ut A (1) Sec 2 T25S R29E
Top Perforation – 340 FNL 1260 FEL Ut A (1) Sec 2 T25S R29E
Bottom Perforation – 340 FSL 1260 FEL Ut P Sec 2 T25S R29E
Bottom Hole – 180 FSL 1260 FEL Ut P Sec 2 T25S R29E

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).

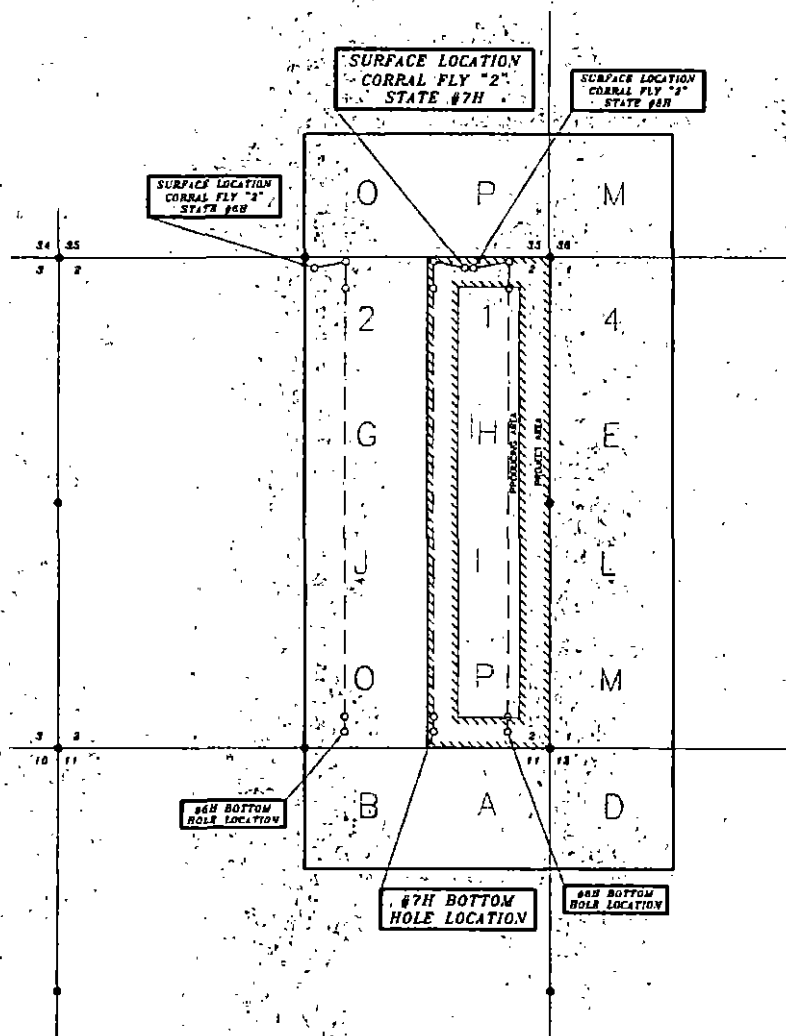
If you need any additional information, please call me at 432-685-5717.

Sincerely,

David Stewart
Sr. Regulatory Advisor
OXY USA WTP LP

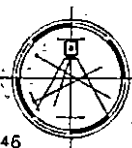
Attachments

OXY USA WTP LP
CORRAL FLY "2" STATE #7H
SECTIONS 35 & 36, TOWNSHIP 24 SOUTH, RANGE 29 EAST
AND SECTIONS 1, 2, 11 & 12, TOWNSHIP 25 SOUTH,
RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO



Asel Surveying

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



2000' 0 2000' 4000' FEET

SCALE: 1"=2000'

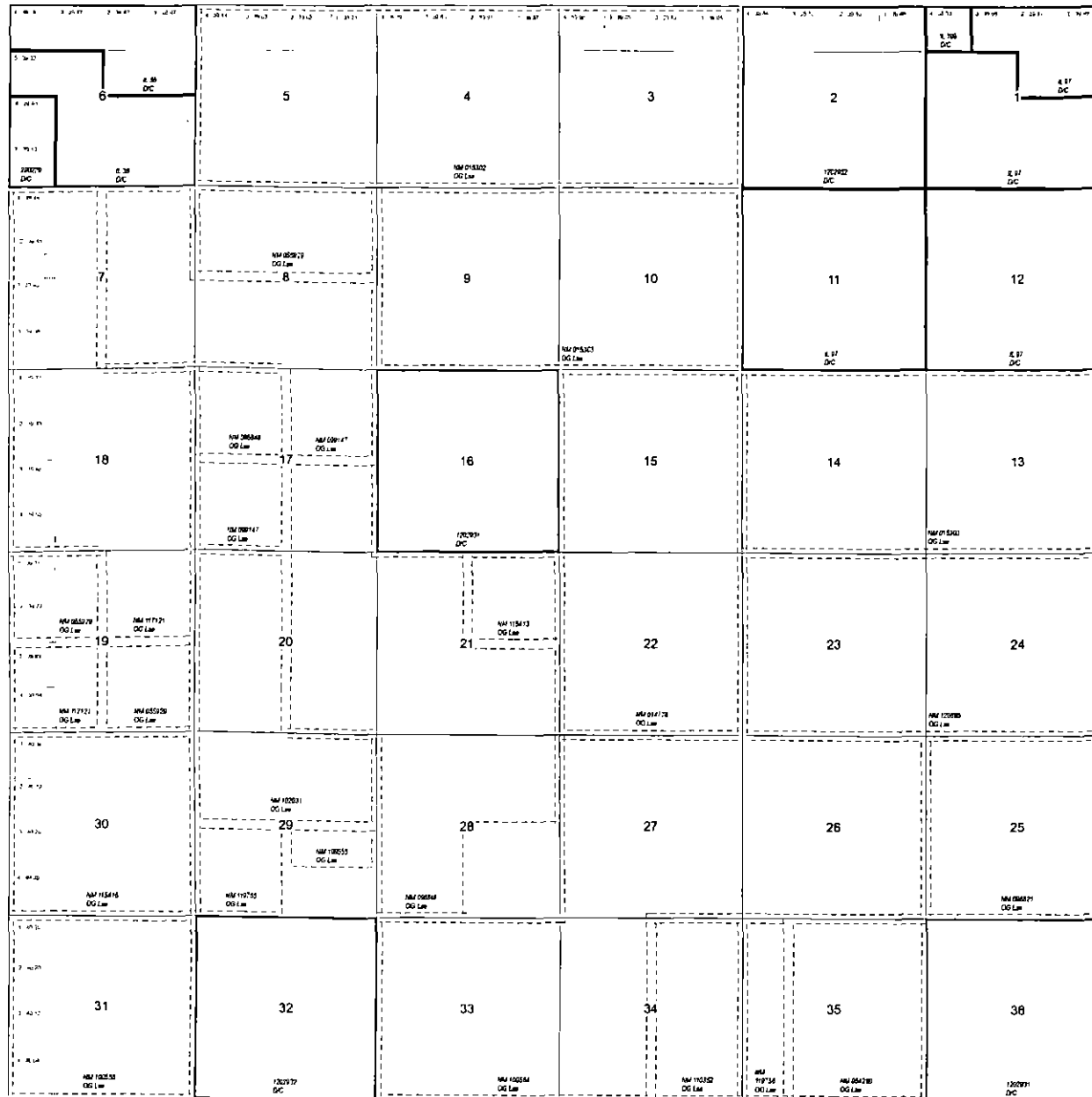
WOF-160701NSL-b

Township 25 South Range 29 East of the New Mexico Principal Meridian, New Mexico

County: Eddy - 015

BLM Field Office: Carlsbad

BUREAU OF LAND MANAGEMENT
STATUS OF PUBLIC DOMAIN
LAND AND MINERALS



OG Plat

T25S R29E

Entire Township included in
NM 057355, EO 12812 NM 7 Pol Res 7 (6/8/1929)

CI of Public Lands NM 0560202 (CI No 30-06-01)

COMMUNITIZATION AGREEMENTS

NM 122691

NM 123612

NM 124150

NM 124192

NM 124451

NSL-7449

NOTE: The Section Numbers displayed are in the Bureau's 182000 system format. If there is a zero in the 2nd position from the right, the section number has a "prefix" zero, example NM 012345. If there is not a zero in the 2nd position from the right, the section number does not have a "prefix" zero, example NM 012345.

0 0.25 0.5 1 Mile

1 inch = 30 chains

1 : 23,760

CAVEAT STATEMENT

This plat is the Bureau's Record of Title and should be used only as a graphic display of the township survey data. Records hereon do not reflect title changes which may have been affected by lateral movements of rivers or other bodies of water. Refer to the cadastral surveys for official survey information.

T 25 S
R 29 E
NM PM

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Thursday, September 1, 2016 12:42 PM
To: 'David_Stewart@oxy.com'
Cc: Bayliss, Randolph, EMNRD; Sharp, Karen, EMNRD; McMillan, Michael, EMNRD; Goetze, Phillip, EMNRD; Jones, William V, EMNRD; 'lisa@rwbyram.com'; Holm, Anchor E.; Martin, Ed
Subject: APPROVED NSL- 7448 _Corral Fly 2 State No. 4H & NSL-7449 _Corral Fly 2 State No. 7H_Located in Sec. 2 25S 29E
Importance: High

Mr. David Stewart,

The following permits have been issued and will soon be available on the Division's web site:
<http://ocdimage.emnrd.state.nm.us/imaging/WellFileCriteria.aspx>

NSL-7448

OXY USA WTP, L.P.

API: 30-015-43835

WELL: Corral Fly 2 State No. **4H**; Sec. 2 25S 29E; Eddy County

NSL-7449

OXY USA WTP, L.P.

API: 30-015-43838

WELL: Corral Fly 2 State No. **7H**; Sec. 2 25S 29E; Eddy County

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

Fax: 505-476-3462

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

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