

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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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

**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.

TAYLOR STILLMAN  
 Print or Type Name

*Taylor Stillman*  
 Signature

PRODUCTION ENGINEER  
 Title

6/30/16  
 Date

TAYLOR\_STILLMAN@OXY.COM  
 e-mail Address



District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: OXY USA INC  
OPERATOR ADDRESS: PO BOX 4294 HOUSTON, TX 77210  
APPLICATION TYPE:

Pool Commingling  Lease Commingling  Pool and Lease Commingling  Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE:  Fee  State  Federal

Is this an Amendment to existing Order?  Yes  No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
 Yes  No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
SEE ATTACHED				

- (2) Are any wells producing at top allowables?  Yes \*  No \*Estimated Values  
(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No  
(4) Measurement type:  Metering  Other (Specify): ALLOCATION BY WELL TEST  
(5) Will commingling decrease the value of production?  Yes  No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply?  Yes  No  
(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No  
(4) Measurement type:  Metering  Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply?  Yes  No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Taylor Stillman TITLE: PRODUCTION ENGINEER DATE: 6/30/16

TYPE OR PRINT NAME: TAYLOR STILLMAN TELEPHONE NO.: 713-366-5945

E-MAIL ADDRESS: Taylor\_Stillman@oxy.com

**APPLICATION FOR POOL LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES, & STORAGE,  
Commingling proposal for Cedar Canyon 23-3H Satellite**

OXY USA INC is requesting approval for Pool Lease Commingle, and Off-lease Measurement, Storage & Sales for wells located on the attached spreadsheet. A map showing surface hole locations and laterals for each of the wells is also attached.

**Oil & Gas metering:**

Incoming wells will be routed to the 3 phase production separator at the satellite facility located at Cedar Canyon 23-3H well pad at 32.202503,-103.963914. The production separator will be equipped with a gas orifice meter (S/N\*), oil turbine meter with prover loops (S/N\*) and water turbine (S/N\*) meters. There will also be a test separator at the satellite facility equipped with a gas orifice meter (S/N\*), oil turbine meter with prover loops (S/N\*) and water turbine (S/N\*) meters.

Oxy proposes to allocate production by well test. The wells are located on multiple Federal leases and CA's that are all 12.5% royalty. There is diverse WI & ORRI amongst some of the wells as outlined on the attached ownership list spreadsheet. Notice will be provided to all affected parties as per attached notice list. Wells are expected to decline below their top allowable within the first 4 months of production. Furthermore, the estimated percent of decline after 6 months is between 54-65%.

Gas meter on production separator S/N\* & on test separator S/N\* located at the satellite facility will serve as custody transfer point (Facility Measurement Point) for the purposes of royalty payment. Gas production from the 23-3H satellite facility will then be routed to Enterprise sales meter (S/N: 68841), located at 32.222, -103.974.

Oil production from the 23-3H satellite facility will be further metered off-lease, through a Coriolis meter (S/N\*), located at the Cedar Canyon 22 central satellite facility. This Coriolis meter will serve as custody transfer point (FMP) for the purposes of Federal royalty payment.

Water production will be routed to the Cedar Canyon 22 CTB and then sent to the Cedar Canyon Salt Water Disposal Distribution system, where it will flow to the nearest SWD which has capacity to accept water. Salt Water Disposals tied to this SWD include the Cedar Canyon 28 Federal 4 SWD, Cedar Canyon 15 SWD, Riverbend Federal 8 SWD, Harroun 15-3 SWD and Cedar Canyon 16-3.


Meters will be proved and calibrated according to current API, NMOCD and BLM standards.

**Process and Flow Descriptions:**

The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well surface hole locations and laterals. Commingling this production is the most effective means of producing the reserves and will not result in reduced royalty or improper measurement of production.

OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument. These applications will be submitted separately for approval per NMOCD and BLM regulations.

The working interest, royalty interest and overriding royalty interest owners have been notified of this proposal by certified mail (see attached).

Signed:   
Printed Name: Taylor Stillman  
Title: Production Engineer  
Date: 06/30/2016

**Cedar Canyon 23-3H Satellite Well List**

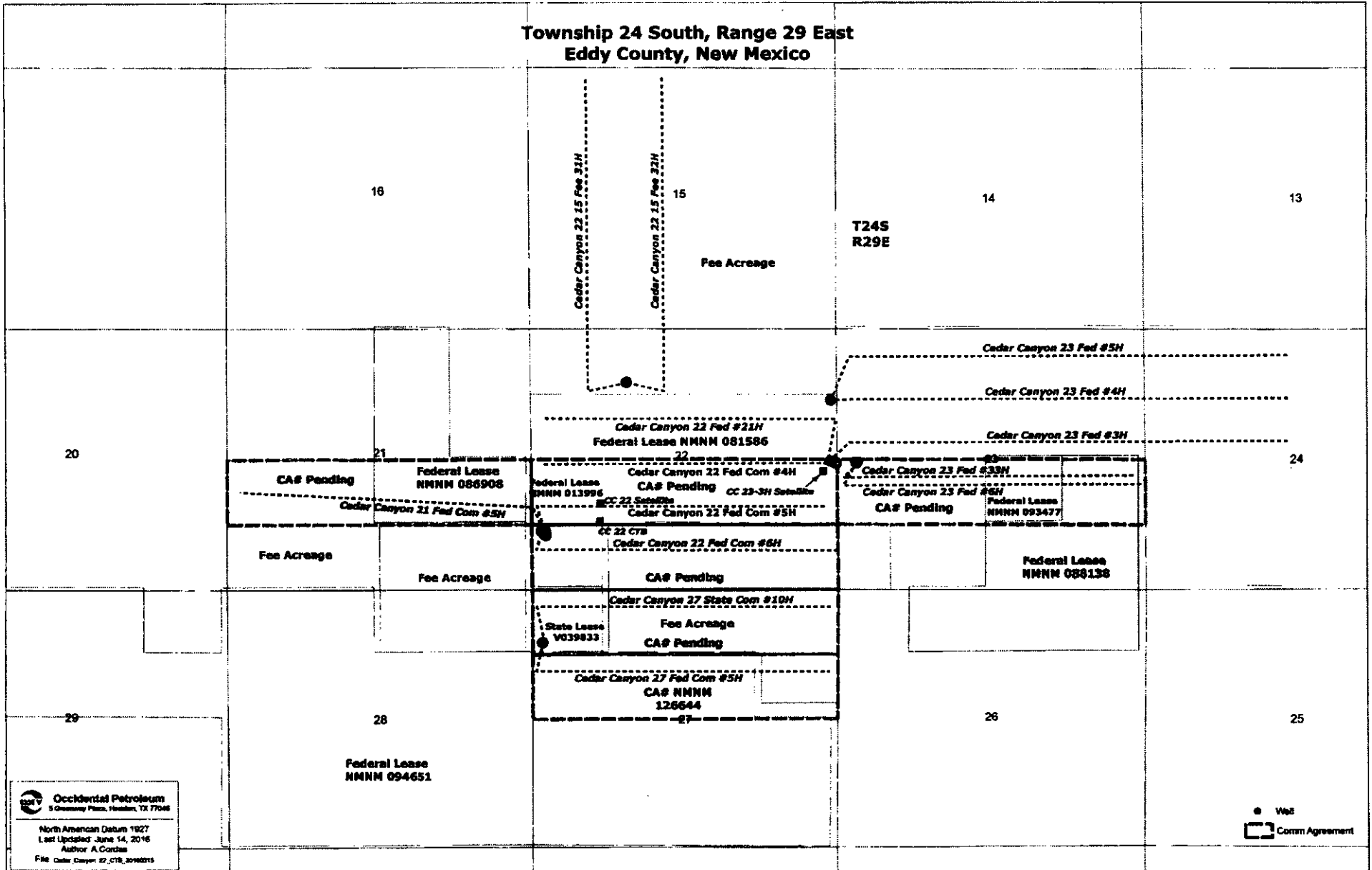
All Federal wells have 12.5% royalty rate


Lease Number	CA #	Well Name	API	Surface Location	Pool	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf	Water (bpd)
NMNM 081586		Cedar Canyon 22 Fed 21H	30-015-43642	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1327*	41	1991*	1000	796*
NMNM 013996 NMNM081586	Pending	Cedar Canyon 22 Fed Com 4H	30-015-43708	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1327*	41	1991*	1000	796*
NMNM 013996 NMNM081586	Pending	Cedar Canyon 22 Fed Com 5H	30-015-43758	Sec 22, T 24S, R 29 E	Corral Draw Bone Spring	1327*	41	1991*	1000	796*
NMNM 081586		Cedar Canyon 23 Fed 3H	30-015-43290	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1503*	41	2792*	1000	902*
NMNM 081586		Cedar Canyon 23 Fed 4H	30-015-43281	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	762	42.2	1898	1000	875
NMNM 081586		Cedar Canyon 23 Fed 5H	30-015-43282	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	664	43.3	1555	1000	728
NMNM 081586 NMNM093477 NMNM 088138	Pending	Cedar Canyon 23 Fed Com 6H	Not yet filed	Sec 23, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1503*	41	2792*	1000	902*
NMNM 081586 NMNM093477 NMNM 088138	Pending	Cedar Canyon 23 Fed Com 33H	Not yet filed	Sec 23, T 24S, R 29 E	Pierce Crossing; Bone Spring E	807*	46.5	1776*	1000	2422*

\*Represents wells not yet drilled, values are esimated



**Township 24 South, Range 29 East  
Eddy County, New Mexico**




**Occidental Petroleum**  
 5 Greenway Plaza, Houston, TX 77046  
 North American Datum 1927  
 Last Updated: June 14, 2016  
 Author: A.Cordas  
 File: Cedar Canyon 22\_CTR\_301602015

 Well  
 Comm Agreement

**Cedar Canyon 23-3H Satellite Ownership**

All Federal wells have 12.5% royalty rate

Lease Number	CA #	Well Name	API	Surface Location	Pool	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf	Water (bpd)	Ownership
NMNM 081586		Cedar Canyon 22 Fed 21H	30-015-43642	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1327*	41	1991*	1000	796*	Identical
NMNM 013996 NMNM081586	Pending	Cedar Canyon 22 Fed Com 4H	30-015-43708	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1327*	41	1991*	1000	796*	Identical
NMNM 013996 NMNM081586	Pending	Cedar Canyon 22 Fed Com 5H	30-015-43758	Sec 22, T 24S, R 29 E	Corral Draw Bone Spring	1327*	41	1991*	1000	796*	
NMNM 081586		Cedar Canyon 23 Fed 3H	30-015-43290	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1503*	41	2792*	1000	902*	Identical
NMNM 081586		Cedar Canyon 23 Fed 4H	30-015-43281	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	762	42.2	1898	1000	875	
NMNM 081586		Cedar Canyon 23 Fed 5H	30-015-43282	Sec 22, T 24S, R 29 E	Pierce Crossing; Bone Spring E	664	43.3	1555	1000	728	
NMNM 081586 NMNM093477	Pending	Cedar Canyon 23 Fed Com 6H	Not yet filed	Sec 23, T 24S, R 29 E	Pierce Crossing; Bone Spring E	1503*	41	2792*	1000	902*	Identical
NMNM 088138 NMNM 081586 NMNM093477 NMNM 088138	Pending	Cedar Canyon 23 Fed Com 33H	Not yet filed	Sec 23, T 24S, R 29 E	Pierce Crossing; Bone Spring E	807*	46.5	1776*	1000	2422*	

\*Represents wells not yet drilled, values are esimated



Jeremy D. Murphrey, CPL  
Land Negotiator Sr.

OXY USA Inc.  
Box 27570, Houston, TX 77227-7570

Phone (713) 350-4816  
Fax (713) 985-4942  
Jeremy\_Murphrey@oxy.com

June 27, 2016

RE: Commingled Application for:  
Cedar Canyon 22 CTB

To Whom It May Concern:

OXY USA Inc., as Operator, will be filing applications with the New Mexico Oil Conservation Division and the Bureau of Land Management for approval of the above mentioned commingled project.

This letter serves as notice that the operator and interest owners are identical for the wells listed below in the North Half of the South Half of Section 22, Township 24 South, Range 29 East, Eddy County, New Mexico:

Cedar Canyon 22 Fed Com #4H  
Cedar Canyon 22 Fed Com #5H

Best Regards

OXY USA Inc.

A handwritten signature in black ink, appearing to be "J. Murphrey", written in a cursive style.

Jeremy Murphrey, CPL  
Land Negotiator Sr.





**OXY USA Inc.**  
Box 27570, Houston, TX 77227-7570

**Jeremy D. Murphrey, CPL**  
Land Negotiator Sr.

Phone (713) 350-4816  
Fax (713) 985-4942  
Jeremy\_Murphrey@oxy.com

June 27, 2016

RE: Commingle Application for:  
Cedar Canyon 22 CTB

To Whom It May Concern:

OXY USA Inc., as Operator, will be filing applications with the New Mexico Oil Conservation Division and the Bureau of Land Management for approval of the above mentioned commingle project.

This letter serves as notice that the operator and interest owners are identical for the wells listed below in the North Half of Section 23 and the Northwest Quarter of Section 24, Township 24 South, Range 29 East, Eddy County, New Mexico:

Cedar Canyon 23 Fed #3H  
Cedar Canyon 23 Fed #4H  
Cedar Canyon 23 Fed #5H

Best Regards

OXY USA Inc.

A handwritten signature in black ink, appearing to read "J. Murphrey", is written over the printed name.

**Jeremy Murphrey, CPL**  
Land Negotiator Sr.



**OXY USA Inc.**  
Box 27570, Houston, TX 77227-7570

**Jeremy D. Murphrey, CPL**  
Land Negotiator Sr.

Phone (713) 350-4816  
Fax (713) 995-4942  
Jeremy\_Murphrey@oxy.com

June 27, 2016

RE: Commingle Application for:  
Cedar Canyon 22 CTB

To Whom It May Concern:

OXY USA Inc., as Operator, will be filing applications with the New Mexico Oil Conservation Division and the Bureau of Land Management for approval of the above mentioned commingle project.

This letter serves as notice that the operator and interest owners are identical for the wells listed below in the North Half of the South Half Section 23 and the North Half of the Southwest Quarter of Section 24, Township 24 South, Range 29 East, Eddy County, New Mexico:

Cedar Canyon 23 Fed Com #6H  
Cedar Canyon 23 Fed Com #33H

Best Regards

OXY USA Inc.

A handwritten signature in black ink, appearing to read "J. Murphrey", is written over the printed name.

**Jeremy Murphrey, CPL**  
Land Negotiator Sr.



OXY USA WTP Limited Partnership / OXY USA INC /  
OCCIDENTAL PERMIAN LP  
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046  
P.O. Box 4294, Houston, Texas 77210-4294  
Direct: 713.366.5945 Cell: 832.744.1256  
Taylor\_Stillman@oxy.com

June 30, 2016

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Re: Request for Pool Lease Commingling and Off-lease Oil Measurement, Sales & Storage for the following wells and leases:

Lease Number	Well Name
NMNM 081586	Cedar Canyon 22 Fed 21H
NMNM 013996, NMNM081586	Cedar Canyon 22 Fed Com 4H
NMNM 013996, NMNM081586	Cedar Canyon 22 Fed Com 5H
NMNM 081586	Cedar Canyon 23 Fed 3H
NMNM 081586	Cedar Canyon 23 Fed 4H
NMNM 081586	Cedar Canyon 23 Fed 5H
NMNM 081586, NMNM093477, NMNM 088138	Cedar Canyon 23 Fed Com 6H
NMNM 081586, NMNM093477, NMNM 088138	Cedar Canyon 23 Fed Com 33H

To Whom It May Concern:

This is to advise you that OXY USA INC is filing an application with the Bureau of Land Management (BLM) and New Mexico Oil Conservation Division (NMOCD) seeking approval for Pool Lease Commingling and Off-lease Oil Measurement, Sales & Storage for the above mentioned wells.

A copy of the application submitted to the Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Respectfully,

OXY USA INC  
Taylor Stillman  
Production Engineer

Certified Mail Tracking No.

Entity Name	Address	CITY	STATE	ZIP	Tracking No
Mobil Producing	PO BOX 951027	DALLAS	TX	77252	70141820000027150066
GD McKinney INVESTMENTS LP	300 N MARIENFELD SUITE 1100	MIDLAND	TX	79701	70141820000007323008
Wayne/Linda Newkumet	PO BOX 11330	MIDLAND	TX	79702	70141820000007323015
B. Jack Reed	506 CHARISMATIC	MIDLAND	TX	79705	70141820000007323022
Gerald A. Hancock	4200 FAIRWOOD	MIDLAND	TX	79707	70141820000007323039
DRW Energy, LLC	4107 TANFORAN	MIDLAND	TX	79707	70141820000007323046
Beryl Oil & Gas, LP	6707 PEBBLE COURT	MIDLAND	TX	79707	70141820000007323053
M'Lissa L .McKinney Schoening	300 N MARIENFELD SUITE 1100	MIDLAND	TX	79701	70141820000007323060
Sharbro Oil Ltd. Co.	PO BOX 840	ARTESIA	NM	88211	70141820000007323077
Rutter Wilbanks Corp.	PO BOX 3186	MIDLAND	TX	79701	70141820000007323084
Fina Oil and Chemical Company	PO BOX 301105	DALLAS	TX	75303	70141820000007323091
Curtis A .Anderson & Edna I .Anderson	9314 CHERRY BROOK LANE	FRISCO	TX	75033	70141820000007323107
John S .Tittl	7304 VALENCIA GROVE COURT	FORT WORTH	TX	76132	70141820000007323121
Michael A. Kulenguski	279 JONES MT ROAD	MADISON	VA	22727	70141820000007323114
MAP000+NET	P.O. BOX 268946	OKLAHOMA CITY	OK	73126	70141820000007323138
The Roach Foundation	777 TAYLOR ST PII-J	FORT WORTH	TX	76102	70141820000007323145
Kimbell Art Foundation	301 COMMERCE ST SUITE 2300	FORT WORTH	TX	76102	70141820000007323152
Bill Burton*	301 COMMERCE ST SUITE 2900	FORT WORTH	TX	76102	70141820000007323169
Ben J. Fortson, III, Children's Trust	P O BOX 29	FORT WORTH	TX	76101	70141820000007323176
Robert C .Grable	201 MAIN STREET	FORT WORTH	TX	76102	70141820000007323183
MWB 1998 Trust	301 COMMERCE ST STE 2900	FORT WORTH	TX	76102	70141820000007323190
CCB 1998 Trust	301 COMMERCE STREET	FORT WORTH	TX	76102	70141820000007323206
DCB 1998 Trust	301 COMMERCE STREET	FORT WORTH	TX	76102	70141820000007323213
Sundance Minerals I	P O BOX 17744	FORT WORTH	TX	76102	70141820000007323220
BOYT,ERIC D	P O BOX 2602	MIDLAND	TX	79702	70141820000007323237
HANTTULA,JUDITH GENE	3704 SAN GABRIEL AVENUE	FRISCO	TX	75033	70141820000007323244
HARROUN IRREV TRUST,DOROTHY S	P O BOX 3480	OMAHA	NE	68103	70141820000007323251
HARROUN REV TRUST,D STUART	515 TRES LAGUNAS LANE NE	ALBUQUERQUE	NM	87113	70141820000007321578
J M MINERAL & LAND CO INC	P O BOX 1015	MIDLAND	TX	79702	70141820000007321585
KEENE,TARA L	18700 COLLINS STREET	TARZANA	CA	91356	70141820000007321592
MAGNOLIA ROYALTY COMPANY INC	P O BOX 10703	MIDLAND	TX	79702	70141820000007321608
NEAL,JEFFREY CASWELL	1311 DOEPP DRIVE	CARLSBAD	NM	88220	70141820000007321615
NELMS,PIPER L	18706 COLLIN ST	TARZANA	CA	91356	70141820000007321622
SOFTSEARCH INVESTMENT LP	P O BOX 89	ABILENE	TX	79604	70141820000007321639
SOFTVEST MANAGEMENT LP	P O BOX 89	ABILENE	TX	79604	70141820000007321646

Certified Mail Tracking No.

VOGT TRUST,ANDREW AND JANET	13404 PIEDRA GRANDE PLACE NE	ALBUQUERQUE	NM	87111	70141820000007321653
WALKER III,HERMAN CLIFFORD	P O BOX 10135	MIDLAND	TX	79702	70141820000007321660
ANDERSON AND,CURTIS A	9314 CHERRY BROOK LANE	FRISCO	TX	75033	70141820000007321677
BURTON,WILLIAM K	301 COMMERCE ST SUITE 2900	FORT WORTH	TX	76102	70141820000007321684
FORTSON III CHILDRENS TRUST,BEN J	P O BOX 29	FORT WORTH	TX	76101	70141820000007321691
GRABLE,ROBERT C	201 MAIN STREET	FORT WORTH	TX	76102	70141820000007321707
MAP00-NET TX GENERAL PARTNERSH	P.O. BOX 268946	OKLAHOMA CIT	OK	73126	70141820000007321714
PENROC OIL CORPORATION	P O BOX 2769	HOBBS	NM	88241	70141820000007321721
ROACH FOUNDATION INC	777 TAYLOR ST PII-J	FORT WORTH	TX	76102	70141820000007321738
RUTTER & WILBANKS CORPORATION	BOX 3186	MIDLAND	TX	79701	70141820000007321745
BERYL OIL AND GAS LP	6707 PEBBLE COURT	MIDLAND	TX	79707	70141820000007321752
DRW ENERGY LLC	4107 TANFORAN	MIDLAND	TX	79707	70141820000007321769
LEOPARD PETROLEUM LP	4200 FAIRWOOD PL	MIDLAND	TX	79707	70141820000007321776
MOBIL PRODUCING TEXAS &	4500 DACOMA ST. CORP-BH3-212	HOUSTON	TX	77092	70141820000007321783
NEWKUMET,WAYNE & LINDA	PO BOX 11330	MIDLAND	TX	79702	70141820000007321790
REED,B JACK	506 CHARISMATIC	MIDLAND	TX	79705	70141820000007321806
SCHOENING,M'LISSA M	300 N MARIENFELD STE 1100	MIDLAND	TX	79701	70141820000007321813

## Cedar Canyon 23-3H Satellite Production Data

### CEDAR CANYON 23 FEDERAL #004H (API 30-015-43281 )

Month	Oil (bbls)	Gas (MCF)	Water (bbls)
Jan	5020	0	0
Feb	49414	50169	53306
Mar	35454	55485	53073
Apr	20333	29356	40604

### CEDAR CANYON 23 FEDERAL #005H (API 30-015-43282 )

Month	Oil (bbls)	Gas (MCF)	Water (bbls)
Jan	4312	0	0
Feb	41602	45713	50533
Mar	38433	60660	63727
Apr	22926	36089	50855

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

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 <b>30-05-43642</b>	Pool Code <b>967143</b>	Pool Name <b>Pierce Crossing Base Springs East</b>
Property Code <b>315242</b>	Property Name <b>CEDAR CANYON "22" FEDERAL</b>	Well Number <b>21H</b>
OCGRD No <b>16694</b>	Operator Name <b>OXY USA INC.</b>	Division <b>2958.4'</b>

**Surface Location**

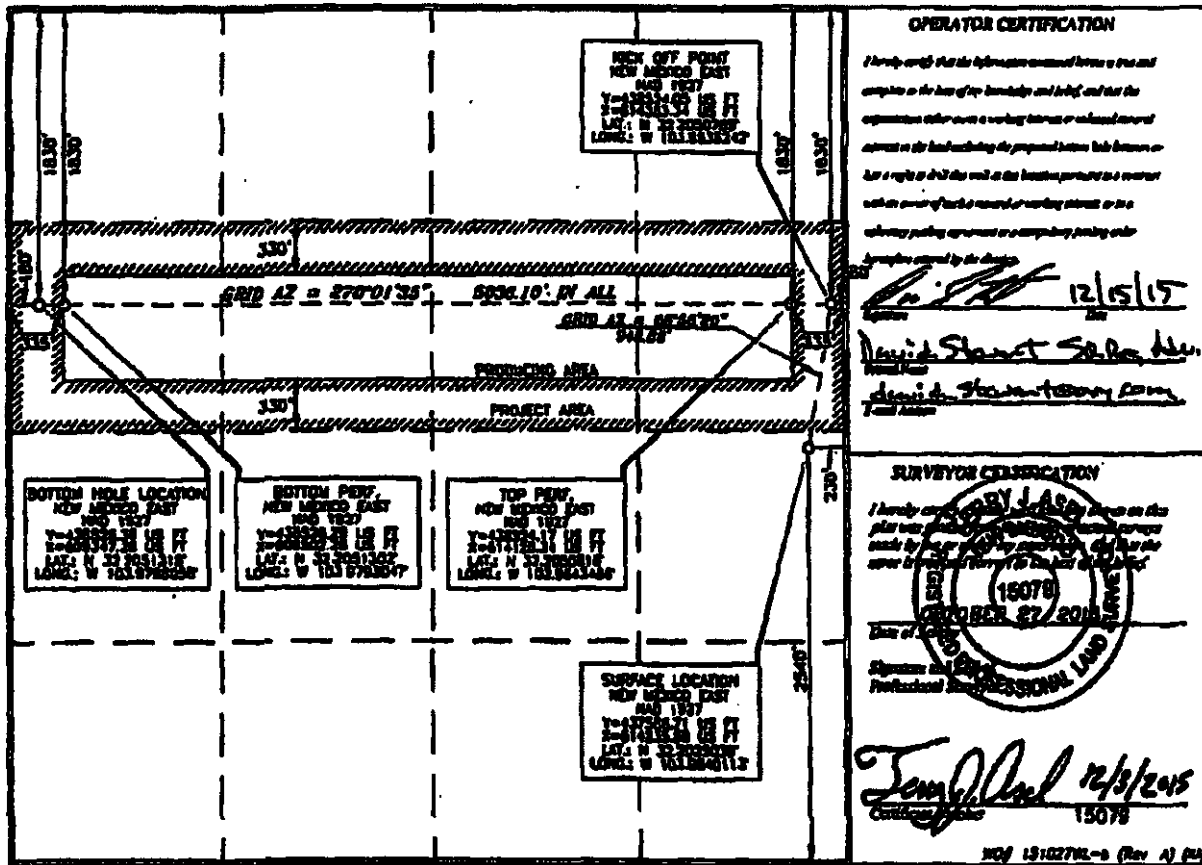
UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North-South line	Feet from the	East-West line	County
<b>1</b>	<b>22</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>2840'</b>	<b>SOUTH</b>	<b>230'</b>	<b>EAST</b>	<b>EDDY</b>

**Bottom Hole Location if Different From Surface**

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North-South line	Feet from the	East-West line	County
<b>E</b>	<b>22</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>1830'</b>	<b>NORTH</b>	<b>180'</b>	<b>WEST</b>	<b>EDDY</b>

Dedicated Area <b>No</b>	Jobs or Infill <b>160</b>	Conservation 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 completion of this well is a necessary part of the oil and gas operations on the land underlying the proposed lease. I have no other interest in the land underlying the proposed lease, and I have no right to drill the well on the location proposed and a covenant with the owner of the land or any other person in the vicinity pending approval or a compliance pending order by the division.

*[Signature]* 12/5/15  
 David Stewart Saba, Inc.  
 david.stewart@oxy.com

**SURVEYOR CERTIFICATION**

I hereby certify that I am a duly licensed Professional Land Surveyor in the State of New Mexico, and that I have surveyed the above described land and that the same is true and correct to the best of my knowledge and belief.

*[Signature]* 12/3/2015  
 15078

NEW MEXICO PROFESSIONAL LAND SURVEYORS

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

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**

APN Number <b>3005-</b>	Pool Code <b>96473</b>	Pool Name <b>Pierce Crossing Cove Spring, East</b>
Property Code	Property Name <b>CEDAR CANYON "22" FEDERAL COM</b>	Well Number <b>4H</b>
OGED No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	Elevation <b>2958.4'</b>

**Surface Location**

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North-South line	Feet from the	East-West line	County
<b>1</b>	<b>22</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>2540'</b>	<b>SOUTH</b>	<b>280'</b>	<b>EAST</b>	<b>EDDY</b>

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North-South line	Feet from the	East-West line	County
<b>L</b>	<b>22</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>2570'</b>	<b>SOUTH</b>	<b>80'</b>	<b>WEST</b>	<b>EDDY</b>

Dedicated Acres <b>160</b>	Joint or Infill <b>Y</b>	Consolidation Code	Order No. <b>NSL-7389</b> <b>NSL to be filed November 2/23/16</b>
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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 operations authorized are a working interest or mineral interest in the land including the proposed bottom hole location and a right to drill the well at the location permitted to commence with no owner of land or mineral or working interest or a voluntary pooling agreement or a completion pooling order heretofore entered by the Division.

*[Signature]* 12/3/15  
 David Stewart Sr., N.M.  
 david.stewart@oxy.com

---

**SURVEYOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the operations authorized are a working interest or mineral interest in the land including the proposed bottom hole location and a right to drill the well at the location permitted to commence with no owner of land or mineral or working interest or a voluntary pooling agreement or a completion pooling order heretofore entered by the Division.

*[Signature]* 12/3/15  
 David Stewart Sr., N.M.  
 david.stewart@oxy.com



District I  
1425 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-6720  
District II  
811 S. First St., Arroyo, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Grande Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87501  
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  
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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name <b>CEDAR CANYON "22" FEDERAL COM</b>	Well Number <b>5H</b>
OGRID No.	Operator Name <b>OXY USA INC.</b>	Elevation <b>2939.7'</b>

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	24 SOUTH	29 EAST, N.M.P.M.		1120'	SOUTH	207'	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
I	22	24 SOUTH	29 EAST, N.M.P.M.		1690'	SOUTH	250'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unshared 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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

SURVEYOR CERTIFICATION

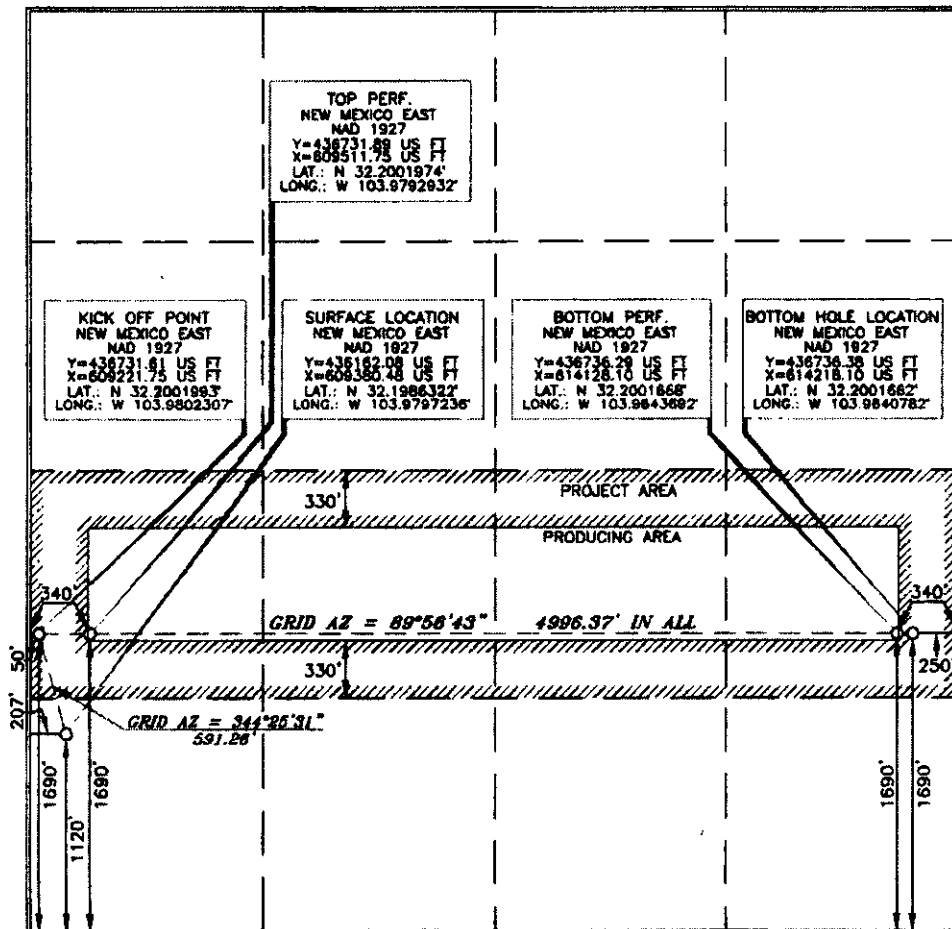
I hereby certify that the well location shown on this plat was placed from the best of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: **NOVEMBER 6, 2015**

Signature and Title: \_\_\_\_\_  
Professional Surveyor

*Tommy J. Alcala*  
Certificate Number: **15079**

WO# 151109WL-a (Rev. B) (NA)



District I  
 1111 N. French Dr., Hobbs, NM 88240  
 Phone: (505) 235-4181 Fax: (505) 283-0728  
 District II  
 1111 E. Plaza Dr., Artesia, NM 88210  
 Phone: (505) 748-1282 Fax: (505) 748-0728  
 District III  
 1200 E. Commerce Road, Aztec, NM 87410  
 Phone: (505) 334-4170 Fax: (505) 334-0170  
 District IV  
 1200 S. W. French Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3400 Fax: (505) 476-3402

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- <b>43290</b>	Pool Code 96473	Pool Name Pierce Crossing Bone Spring, E.
Property Code <b>315098</b>	Property Name CEDAR CANYON "23" FEDERAL	
OGRID No. 16696	Operator Name OXY USA INC.	
		Well Number 3H
		Elevation 2957.1'

**Surface Location**

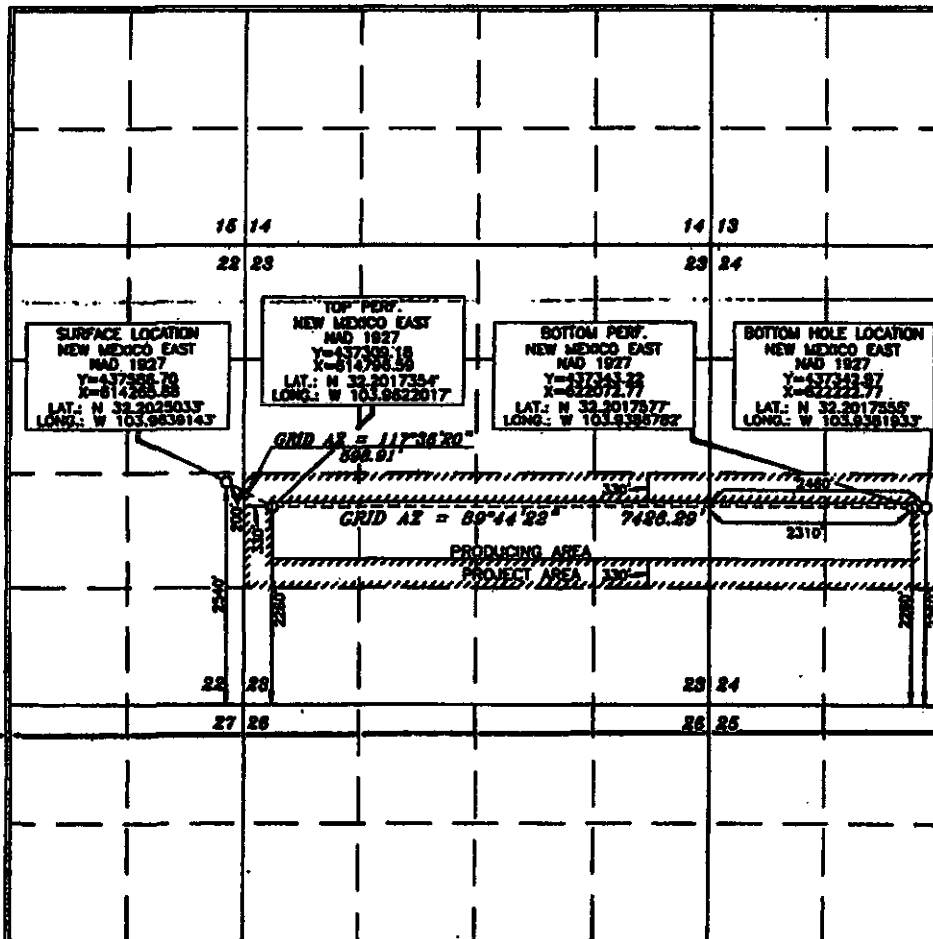
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
1	22	24 SOUTH	29 EAST, N.M.P.M.		2540'	SOUTH	200'	EAST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
K	24	24 SOUTH	29 EAST, N.M.P.M.		2260'	SOUTH	2480'	WEST	EDDY

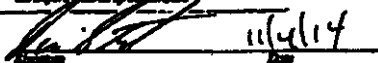
Dedicated Acres 240	Joint or Infill Y	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



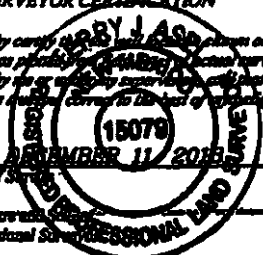
**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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 hereafter entered by the division.

  
 David Stewart Sr. Proj. Adv.  
 david.stewart@oym.com

**SURVEYOR CERTIFICATION**

I hereby certify that the information shown on this plat was prepared by me or under my direct supervision and that the same is a true and correct copy of the original.

  
 Date of Survey: **11/11/2011**

Signature with Seal:  
 Terry J. Ash  
 Certificate Number: 15079

District I  
 1220 N. French Dr., Santa Fe, NM 87505  
 Phone: (505) 762-3441 Fax: (505) 762-6720  
 District II  
 217 E. Main St., Artesia, NM 88210  
 Phone: (505) 748-1283 Fax: (505) 748-0720  
 District III  
 1000 Rio Grande Road, Alamo, NM 87012  
 Phone: (505) 334-6170 Fax: (505) 334-6170  
 District IV  
 1220 N. E. French Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3440 Fax: (505) 476-3440

**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 <b>30-015-</b>	Pool Code <b>96473</b>	Pool Name <b>Pierce Crossing Bone Spring, E.</b>
Property Code <b>39439</b>	Property Name <b>CEDAR CANYON "25" FEDERAL</b>	
OCRED No. <b>16654</b>	Operator Name <b>OXY USA INC.</b>	
		Well Number <b>4H</b>
		Elevation <b>2941.7'</b>

**Surface Location**

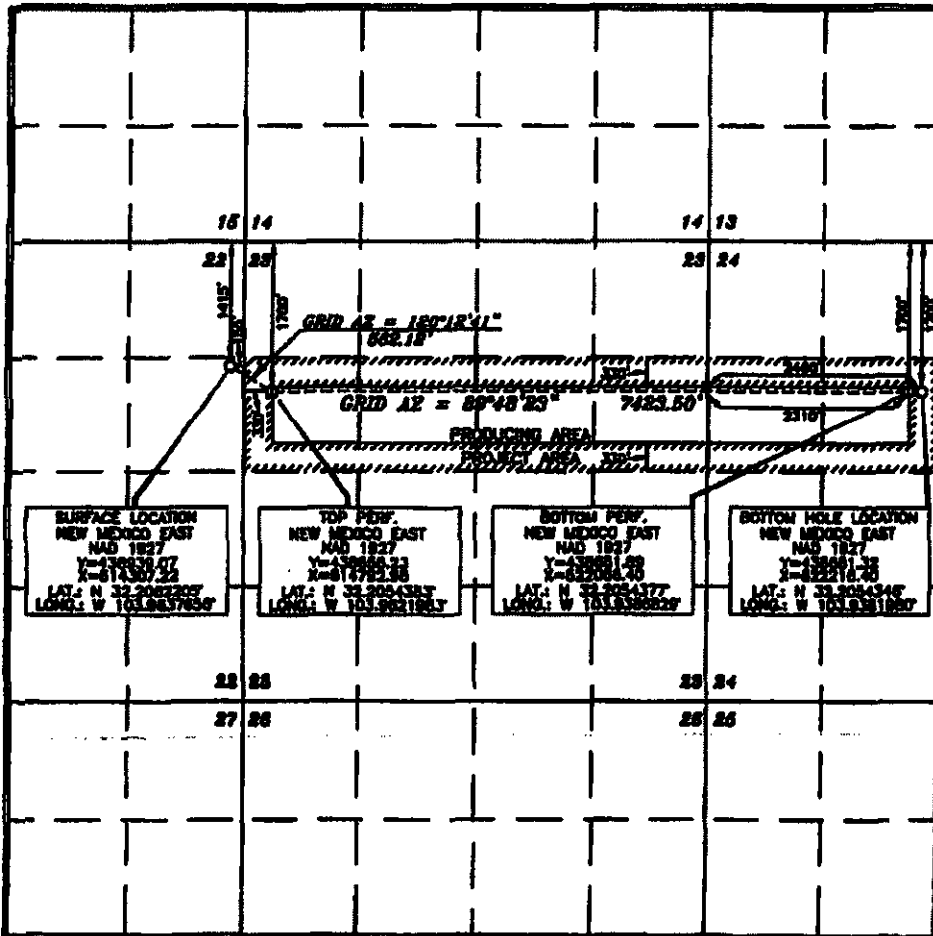
UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
<b>H</b>	<b>22</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>1415'</b>	<b>NORTH</b>	<b>155'</b>	<b>EAST</b>	<b>EDDY</b>

**Bottom Hole Location if Different From Surface**

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
<b>F</b>	<b>24</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>1700'</b>	<b>NORTH</b>	<b>2480'</b>	<b>WEST</b>	<b>EDDY</b>


Dedicated Acres <b>240</b>	Joint or Infill <b>Y</b>	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



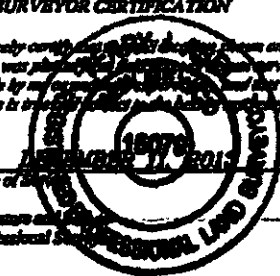

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or enhanced mineral interest in the land including the proposed bottom hole location or has a right to drill this well on the 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 as required by the statute.

  
 Date: **11/4/11**  
 Name: **David Stewart Sr. Reg. Adm.**  
 E-mail address: **david\_stewart@oxy.com**

**SURVEYOR CERTIFICATION**

I hereby certify that I am duly licensed as a surveyor and that the same is true and correct to the best of my knowledge.

  
 Date of Survey: **11/4/2011**  
 Signature and Title:   
 Professional Seal: **15079**

District 1  
 1220 N. French Dr., Santa Fe, NM 87505  
 Phone: (505) 393-6400 Fax: (505) 393-6728  
 District 2  
 221 S. First St., Santa Fe, NM 87501  
 Phone: (505) 748-1223 Fax: (505) 748-6228  
 District 3  
 2500 Rio Rancho Road, Santa Fe, NM 87505  
 Phone: (505) 394-6770 Fax: (505) 394-6770  
 District 4  
 1220 N. French Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3460 Fax: (505) 476-3460

**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 <b>30-015-</b>	Pool Code <b>96473</b>	Pool Name <b>Pierce Crossing Bone Springs, E.</b>
Property Code <b>39439</b>	Property Name <b>CEDAR CANYON "29" FEDERAL</b>	
OCRD No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	
	Well Number <b>5H</b>	Elevation <b>2941.5'</b>

**Surface Location**

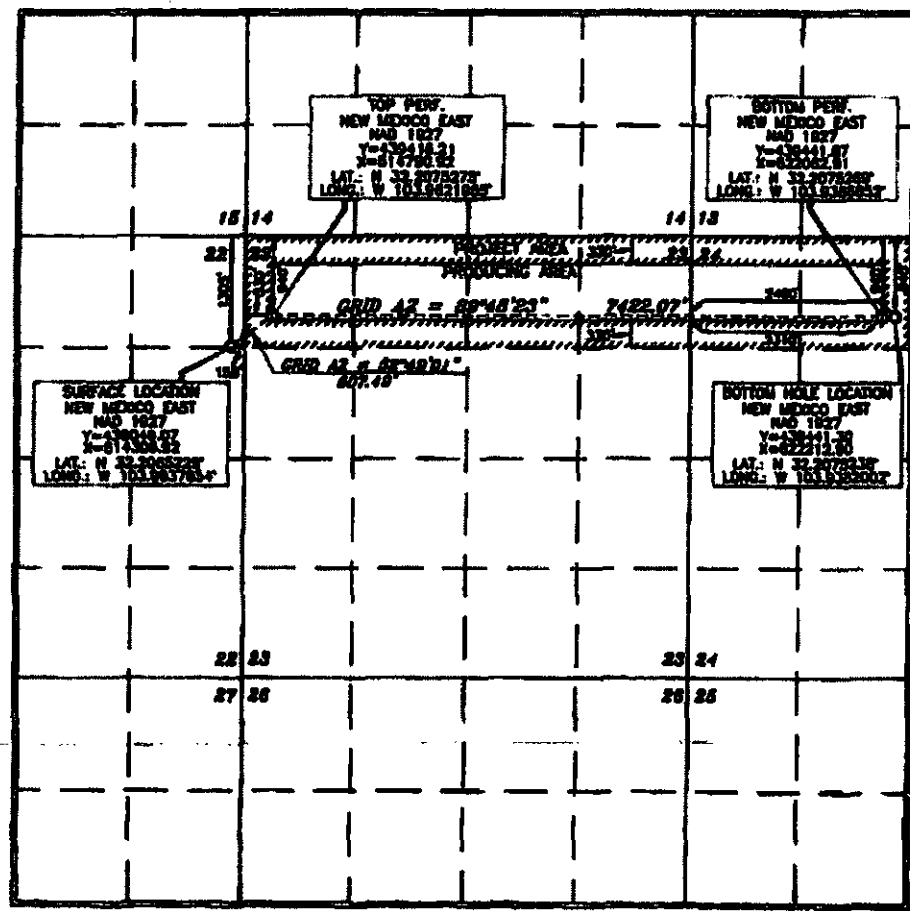
UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>22</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>1305'</b>	<b>NORTH</b>	<b>155'</b>	<b>EAST</b>	<b>EDDY</b>

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
<b>C</b>	<b>24</b>	<b>24 SOUTH</b>	<b>29 EAST, N.M.P.M.</b>		<b>940'</b>	<b>NORTH</b>	<b>2460'</b>	<b>WEST</b>	<b>EDDY</b>

Dedicated Acres <b>240</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No.
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**No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.**



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed lease hole location or has a right to drill this well on 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 approved by the Division.

11/14/14  
 David Stewart Sr. P. Eng. Adv.  
 david.stewart@oxy.com

**SURVEYOR CERTIFICATION**

I hereby certify that I am a duly licensed Professional Surveyor and that the plat was prepared by me or under my direct supervision and that the same is true and correct to the best of my knowledge.

Date of Survey: **NOVEMBER 11, 2014**  
 Signature:   
 Professional Surveyor No. **15079**

District I  
1623 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
311 E. Plaza St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1800 Rio Grande Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87503  
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  
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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name <b>CEDAR CANYON "23" FEDERAL COM</b>	
OGRID No.	Operator Name <b>OXY USA INC.</b>	Well Number <b>6H</b>
		Elevation <b>2948.7'</b>

Surface Location

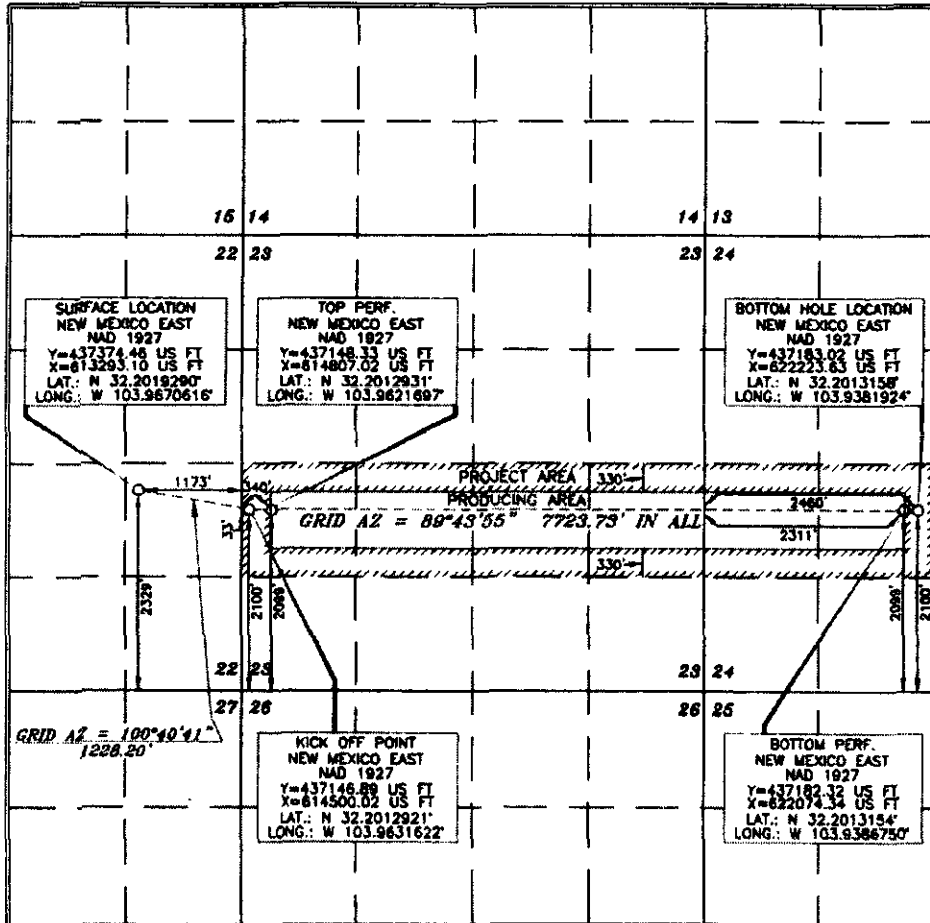
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	24 SOUTH	29 EAST, N.M.P.M.		2329'	SOUTH	1173'	EAST	EDDY

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
K	24	24 SOUTH	29 EAST, N.M.P.M.		2100'	SOUTH	2460'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

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

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
E-mail Address \_\_\_\_\_

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from all lines of record 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 \_\_\_\_\_  
Signature and Seal of Professional Surveyor \_\_\_\_\_

*Tommy Reed* 3/15/2016  
Certificate Number 15079

District I  
 1623 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) 748-1283 Fax: (575) 748-8720  
 District III  
 1005 Rio Grande Road, Aztec, NM 87410  
 Phone: (505) 334-6178 Fax: (505) 334-6170  
 District IV  
 1250 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	Pool Code	Pool Name
Property Code	Property Name <b>CEDAR CANYON "23" FEDERAL COM</b>	
OGRID No.	Operator Name <b>OXY USA INC.</b>	Well Number <b>3SH</b>
		Elevation <b>2947.9'</b>

**Surface Location**

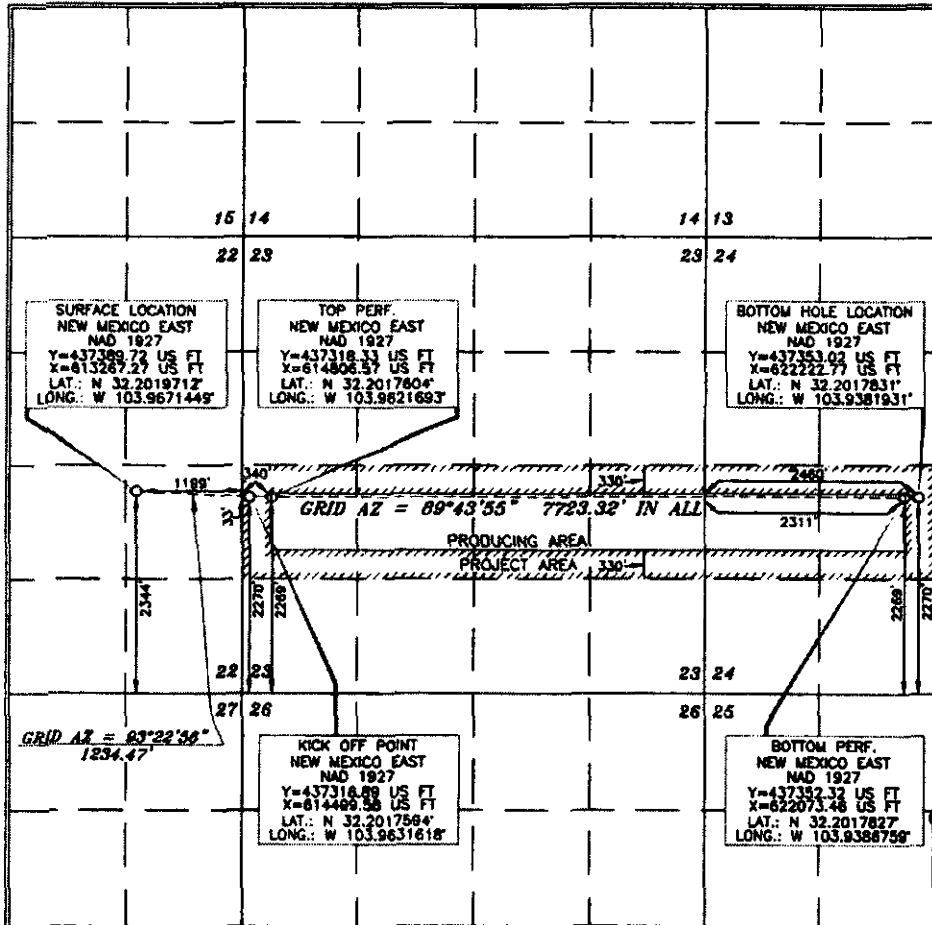
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	22	24 SOUTH	29 EAST, N.M.P.M.		2344'	SOUTH	1199'	EAST	EDDY

**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
K	24	24 SOUTH	29 EAST, N.M.P.M.		2270'	SOUTH	2460'	WEST	EDDY

Dedicated Acres	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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**SURVEYOR CERTIFICATION**

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

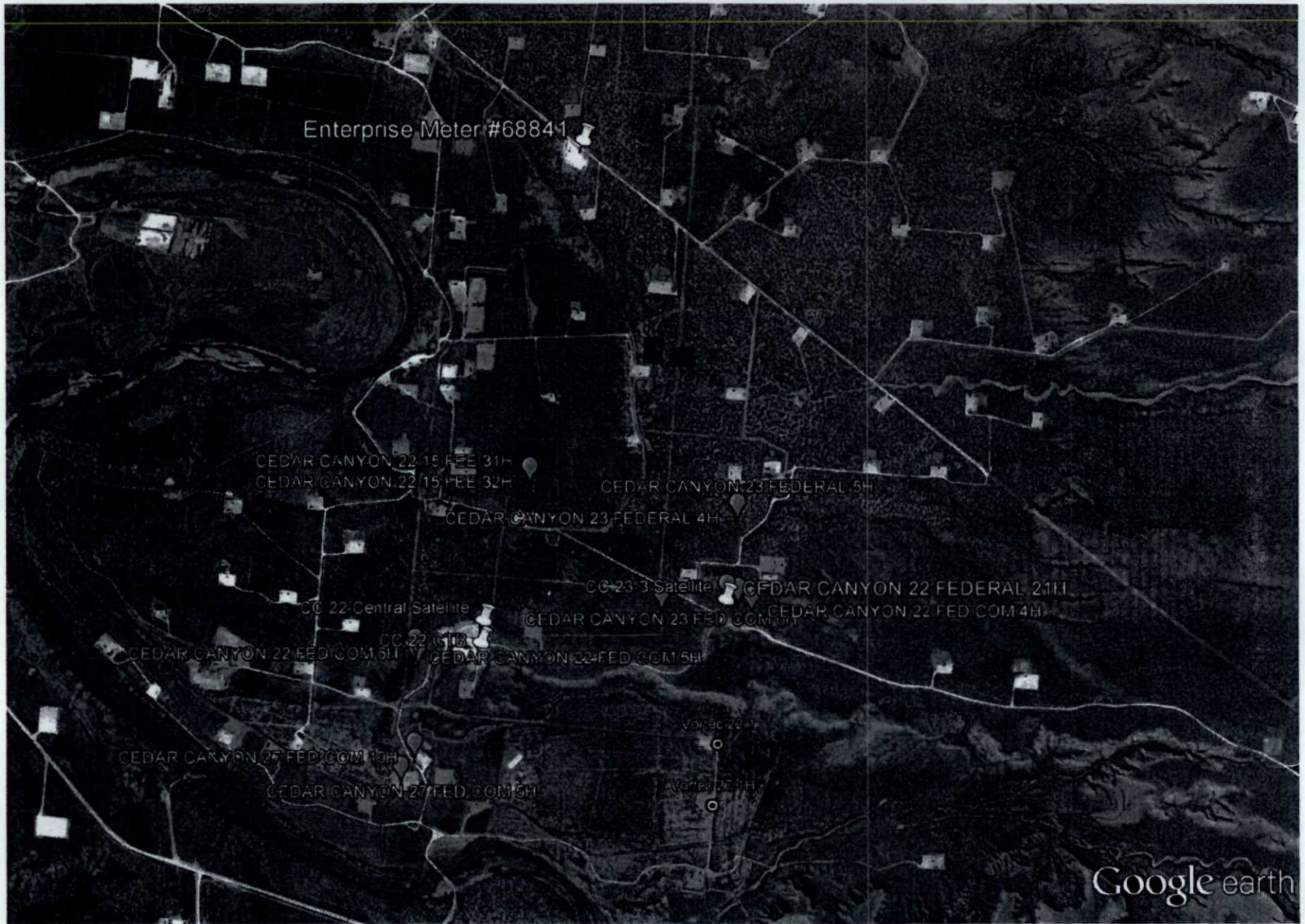
Date of Survey: \_\_\_\_\_

Signature and Seal of Professional Surveyor: *Terry J. Adams* 3/15/2016  
 Certificate Number: 15079

WOF 160223WL-b (KA)



# GAS SALES & FLOWLINE MAP



Google Earth Pro

