Well Name: HEADS CC 9-4 FEDERAL COM

Well Location: T24S / R29E / SEC 16 / NWNE / 32.222227 / -103.986238

County or Parish/State: EDDY / NM

Well Number: 36H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM99034

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001547231

Well Status: Drilling Well

Operator: OXY USA INCORPORATED

Notice of Intent

Sundry ID: 2678278

Type of Submission: Notice of Intent

Type of Action: Drilling Operations

Date Sundry Submitted: 06/30/2022

Time Sundry Submitted: 07:20

Date proposed operation will begin: 07/02/2022

Procedure Description: OXY USA Inc. requests approval to skid 10' to the east from the original wellbore and drill a replacement well. Please find the attached pad layout showing the new well SHL, the drill plan and directional plan for the replacement well. No new surface disturbance is needed. The original well will be plugged as per Sundry ID 2678273. Original Well: Heads CC 9-4 Federal Com 36H (SHL: 963' FNL 1646' FEL B-16-24S-29E) (30-015-47231) Per BLM instruction, please change original permitted well name to Heads CC 9-4 Federal Com 36Y. NEW Replacement Well: Heads CC 9-4 Federal Com 36H (SHL: 964' FNL 1636' FEL B-16-24S-29E) - See the attached drilling files.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

22_693_HEADS_CC_9_4_FED_COM_PAD_CEDCAN_1619_SITE_PLAN_20220701101956.pdf

HeadsCC9_4FederalCom36Y_DirectPlan_20220701101945.pdf

HeadsCC9_4FederalCom36H_OrgDrillPlan_20220701101935.pdf

22_693_HEADS_CC_9_4_FED_COM_36H_C102_20220701101927.pdf

HeadsCC9_4FedCom36H_ReplacementWell_3160_003_20220701101917.pdf

Well Name: HEADS CC 9-4 FEDERAL COM

Well Location: T24S / R29E / SEC 16 / NWNE / 32.222227 / -103.986238

County or Parish/State: EDDY / NM

Well Number: 36H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM99034

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001547231

Well Status: Drilling Well

Operator: OXY USA INCORPORATED

Conditions of Approval

Authorized

HeadsCC9_4FedCom36H_ReplacementWell_3160_003_signed_20220701114710.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: LESLIE REEVES

Signed on: JUL 01, 2022 10:20 AM

Name: OXY USA INCORPORATED

Title: Advisor Regulatory

Street Address: 5 GREENWAY PLAZA, SUITE 110

City: HOUSTON **State:** TX

Phone: (713) 497-2492

Email address: LESLIE_REEVES@OXY.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 07/01/2022

Signature: Chris Walls

Form 3160-3
(June 2015)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMNM099034

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☑ Hydraulic Fracturing ☐ Single Zone ☐ Multiple Zone

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

8. Lease Name and Well No.: HEADS CC 9-4 FEDERAL COM 36H

2. Name of Operator: OXY USA INC.

9. API Well No.:

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

3b. Phone No. *(include area code)*: 713-497-2492

10. Field and Pool, or Exploratory: PURPLE SAGE WOLFCAMP (GAS)

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

At surface: NWNE 964' FNL 1636' FEL / LAT:32.222225 LONG: -103.986207

At proposed prod. zone: LOT 1 20' FNL 600' FEL / LAT: 32.225789 LONG:-103.982869

11. Sec., T. R. M. or Blk. and Survey or Area: 16-T24S-R29E-NMP

14. Distance in miles and direction from nearest town or post office*: 8 MILES

12. County or Parish: EDDY

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 20 FEET

16. No of acres in lease: 878.94

17. Spacing Unit dedicated to this well: 12801.11

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 45 FEET

19. Proposed Depth: 20803'MD / 10039'TVD

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 2927 FEET

22. Approximate date work will start*: 7/2/2022

23. Estimated duration: 45 DAYS

24. Attachments

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

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 requested by the BLM.

25. Signature

Name *(Printed/Typed)*: LESLIE REEVES

Date: 7/1/2022

Title: REGULATORY MANAGER

Approved by *(Signature)*

Name *(Printed/Typed)*:

Date:

Title: Sup. PE

Office: Carlsbad Field Office

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)

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionany drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

ITEM 24: If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Conection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

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 RD., 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, New Mexico 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
	98220	PURPLE SAGE WOLFCAMP (GAS)/WC-015 G-08 S233135; WOLFCAMP

Property Code	Property Name	Well Number
328290	HEADS CC 9_4 FEDERAL COM	36H

OGRID No.	Operator Name	Elevation
16696	OXY USA INC.	2926.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	24-S	29-E		964	NORTH	1636	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
1	4	24-S	29-E		20	NORTH	600	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1281.11			

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

PROPOSED BOTTOM HOLE LOCATION NAD 83
Y=456308.1 N
X=649662.8 E
LAT.=32.253980° N
LONG.=103.982915° W

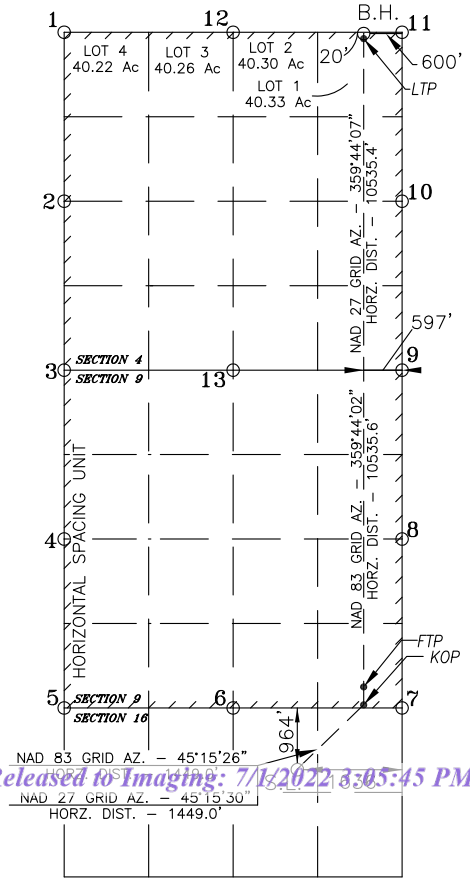
LTP NAD 83
100' FNL & 600' FEL
Y=456228.1 N
X=649663.2 E
LAT.=32.253760° N
LONG.=103.982915° W

POINT LEGEND NAD 83	
1	Y=456311.0 N X=644969.9 E
2	Y=453660.3 N X=644983.6 E
3	Y=451006.8 N X=644997.4 E
4	Y=448351.8 N X=645008.9 E
5	Y=445695.4 N X=645021.1 E
6	Y=445710.8 N X=647666.6 E
7	Y=445726.2 N X=650312.0 E
8	Y=448382.0 N X=650298.1 E
9	Y=451034.0 N X=650284.7 E
10	Y=453688.3 N X=650273.5 E
11	Y=456330.3 N X=650262.8 E
12	Y=456320.9 N X=647615.9 E
13	Y=451020.7 N X=647641.0 E

FTP NAD 83
330' FSL & 600' FEL
Y=446052.7 N
X=649710.5 E
LAT.=32.225789° N
LONG.=103.982869° W

KOP NAD 83
50' FSL & 600' FEL
Y=445772.7 N
X=649711.8 E
LAT.=32.225020° N
LONG.=103.982868° W

SURFACE LOCATION NAD 83
Y=444752.7 N
X=648682.6 E
LAT.=32.222225° N
LONG.=103.986207° W



PROPOSED BOTTOM HOLE LOCATION NAD 27
Y=456249.0 N
X=608479.2 E
LAT.=32.253858° N
LONG.=103.982425° W

LTP NAD 27
100' FNL & 600' FEL
Y=456169.0 N
X=608479.6 E
LAT.=32.253638° N
LONG.=103.982425° W

POINT LEGEND NAD 27	
1	Y=456251.8 N X=603786.3 E
2	Y=453601.2 N X=603800.0 E
3	Y=450947.8 N X=603813.7 E
4	Y=448292.8 N X=603825.1 E
5	Y=445636.4 N X=603837.3 E
6	Y=445651.8 N X=606482.7 E
7	Y=445667.2 N X=609128.2 E
8	Y=448323.0 N X=609114.4 E
9	Y=450974.9 N X=609101.0 E
10	Y=453629.2 N X=609089.8 E
11	Y=456271.1 N X=609079.2 E
12	Y=456261.7 N X=606432.3 E
13	Y=450961.7 N X=606457.3 E

FTP NAD 27
330' FSL & 600' FEL
Y=445993.7 N
X=608526.6 E
LAT.=32.225667° N
LONG.=103.982380° W

KOP NAD 27
50' FSL & 600' FEL
Y=445713.7 N
X=608527.9 E
LAT.=32.224897° N
LONG.=103.982379° W

SURFACE LOCATION NAD 27
Y=444693.7 N
X=607498.7 E
LAT.=32.222102° N
LONG.=103.985718° W

OPERATOR CERTIFICATION

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

Leslie T. Reeves 6/30/2022
Signature Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
E-mail Address

SURVEYOR CERTIFICATION

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

JANUARY 2, 2020
Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 6/29/22
Certificate No. CHAD HARCROW 17777

W.O. #22-693 DRAWN BY: AH

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: OXY USA INC. **OGRID:** 16696 **Date:** 07/01/22

II. Type: ☑ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
HEADS CC 9-4 FEDERAL COM 36H		B-16-24S-29E	964 FNL 1636 FEL		5500MCFD	0

IV. Central Delivery Point Name: _____ [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Heads CC 9-4 Federal com 36H		7/2/2022	8/18/2022	9/27/2022	10/3/2022	10/07/2022

VI. Separation Equipment: ☑ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☑ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☑ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☑ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☑ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Leslie T. Reeves
Printed Name:	LESLIE REEVES
Title:	REGULATORY MANAGER
E-mail Address:	LESLIE_REEVES@OXY.COM
Date:	7/1/2022
Phone:	713-497-2492

OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

Part VI. Separation Equipment

Operator will size the flowback separator to handle 11,000 Bbls of fluid and 6-10MMscfd which is more than the expected peak rates for these wells. Each separator is rated to 1440psig, and pressure control valves and automated communication will cause the wells to shut in in the event of an upset at the facility, therefore no gas will be flared on pad during an upset. Current Oxy practices avoid use of flare or venting on pad, therefore if there is an upset or emergency condition at the facility, the wells will immediately shut down, and reassume production once the condition has cleared.

VII. Operational Practices

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, where a gas transporter system is in place. The gas produced from production facility is dedicated to Enterprise Field Services, LLC ("Enterprise") and is connected to Enterprise low/high pressure gathering system located in Eddy County, New Mexico. OXY USA INC. ("OXY") provides (periodically) to Enterprise a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, OXY and Enterprise have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at OXY USA WTP LP Processing Plant located in Sec. 23, Twn. 21S, Rng. 23E, Eddy County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on Enterprise system at that time. Based on current information, it is OXY's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis

VIII. Best Management Practices

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

Power Generation – On lease

- o Only a portion of gas is consumed operating the generator, remainder of gas will be flared

Compressed Natural Gas – On lease

- o Gas flared would be minimal, but might be uneconomical to operate when gas volume declines

NGL Removal – On lease

- o Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Oxy USA Inc. - Heads CC 9_4 Federal Com 36H

Drill Plan

1. Geologic Formations

TVD of Target (ft):	10019	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	20998	Deepest Expected Fresh Water (ft):	174

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	174	174	
Salado	639	639	Salt
Castile	1403	1403	Salt
Delaware	2937	2937	Oil/Gas/Brine
Bell Canyon	2965	2965	Oil/Gas/Brine
Cherry Canyon	3806	3806	Oil/Gas/Brine
Brushy Canyon	5074	5060	Losses
Bone Spring	6738	6674	Oil/Gas
Bone Spring 1st	7750	7667	Oil/Gas
Bone Spring 2nd	8578	8474	Oil/Gas
Bone Spring 3rd	9706	9554	Oil/Gas
Wolfcamp	10242	9963	Oil/Gas
Penn			Oil/Gas
Strawn			Oil/Gas

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

2. Casing Program

		MD		TVD					
Section	Hole Size (in)	From (ft)	To (ft)	From (ft)	To (ft)	Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
Surface	17.5	0	234	0	234	13.375	54.5	J-55	BTC
Intermediate	12.25	0	9563	0	9412	9.625	40	L-80 HC	BTC
Production	8.5	0	10113	0	9766	7	32	P-110	DQX
Production	8.5	10113	20998	9766	10019	5.5	20	P-110	DQX

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

*Oxy requests the option to run production casing with DQX, TORQ DQW, Wedge 425, Wedge 461, and/or Wedge 441 connections to accommodate hole conditions or drilling operations.

All Casing SF Values will meet or exceed those below			
SF Collapse	**SF Burst**	**Body SF Tension**	**Joint SF Tension**
1.125	1.2	1.4	1.4

Annular Clearance Variance Request

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

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

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

3. Cementing Program

Section	Stage	Slurry:	Capacities	ft^3/ft	Excess:	From	To	Sacks	Volume (ft^3)	Placement
Surface	1	Surface - Tail	OH x Csg	0.6946	100%	234	-	244	325	Circulate
Int.	1	Intermediate 1S - Tail	OH x Csg	0.3132	5%	9,563	5,324	845	1394	Circulate
Int.	2	Intermediate 2S - Tail BH	OH x Csg	0.3132	25%	5,324	234	1038	1993	Bradenhead
Int.	2	Intermediate 2S - Tail BH	Csg x Csg	0.3627	0%	234	-	44	85	Bradenhead
Prod.	1	Production - Tail	OH x Csg2	0.2291	20%	20,998	10,113	2168	2992	Circulate
Prod.	1	Production - Tail	OH x Csg1	0.1268	20%	10,113	9,563	61	84	Circulate
Prod.	1	Production - Tail	Csg x Csg	0.1585	0%	9,563	9,063	57	79	Circulate

Description	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)	500psi Time (hh:mm)	Cmt. Class	Accelerator	Retarder	Dispersant	Salt
Surface - Tail	14.8	1.33	6.365	5:26	C	x			
Intermediate 1S - Tail	13.2	1.65	8.64	11:54	H	x	x	x	x
Intermediate 2S - Tail BH	12.9	1.92	10.41	23:10	C	x			
Production - Tail	13.2	1.38	6.686	3:39	H		x	x	x

Offline Cementing

Oxy requests a variance to cement the 9.625" and/or 7.625" intermediate casing strings offline in accordance to the approved variance, EC Tran 461365.

The summarized operational sequence will be as follows:
Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe).
Land casing.
Fill pipe with kill weight fluid, and confirm well is static.
If well Oxy requests a variance to cement the 9.625" and/or 7.625" intermediate casing strings offline in accordance to the approved variance, EC Tran 461365.

The summarized operational sequence will be as follows:

1. Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe).
2. Land casing.
3. Fill pipe with kill weight fluid, and confirm well is static.
   a. If well is not static notify BLM and kill well.
   b. Once well is static notify BLM with intent to proceed with nipple down and offline cementing.
4. Set and pressure test annular packoff.
5. After confirmation of both annular barriers and internal barriers, nipple down BOP and install cap flange. If any barrier fails to test, the BOP stack will not be nippled down until after the cement job is completed.
6. Skid rig to next well on pad.
7. Confirm well is static before removing cap flange.
8. If well is not static notify BLM and kill well prior to cementing or nippling up for further remediation.
9. Install offline cement tool.
10. Rig up cement equipment.
    a. Notify BLM prior to cement job.
11. Perform cement job.
12. Confirm well is static and floats are holding after cement job.
13. Remove cement equipment, offline cement tools and install night cap with pressure gauge for

Oxy requests permission to adjust the CBL requirement after bradenhead cement jobs, on 7-5/8" intermediate casings, as per the agreement reached in the OXY/BLM meeting on September 5, 2019.

Three string wells:

- CBL will be required on one well per pad
- If the pumped volume of cement is less than permitted in the APD, BLM will be notified and a CBL may be run
- Echometer will be used after bradenhead cement job to determine TOC before pumping top-out

4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✔	Tested to:	Deepest TVD Depth (ft) per Section:
12.25" Hole	13-5/8"	3M	Annular	✔	70% of working pressure	9412
		3M	Blind Ram	✔	250 psi / 3000 psi	
			Pipe Ram			
			Double Ram	✔		
			Other*			
8.5" Hole	13-5/8"	5M	Annular	✔	70% of working pressure	10019
		5M	Blind Ram	✔	250 psi / 5000 psi	
			Pipe Ram			
			Double Ram	✔		
			Other*			

*Specify if additional ram is utilized

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

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

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

BOP Break Testing Request

Oxy requests permission to adjust the BOP break testing requirements as per the agreement reached in the OXY/BLM meeting on September 5, 2019.

BOP break test under the following conditions:
- After a full BOP test is conducted
- When skidding to drill an intermediate section where ICP is set into the third Bone Spring or shallower.

If the kill line is broken prior to skid, two tests will be performed.
1) Wellhead flange, co-flex hose, kill line connections and upper pipe rams
2) Wellhead flange, HCR valve, check valve, upper pipe rams

If the kill line is not broken prior to skid, only one test will be performed.
1)Wellhead flange, co-flex hose, check valve, upper pipe rams

5. Mud Program

Section	Depth - MD		Depth - TVD		Type	Weight (ppg)	Viscosity	Water Loss
	From (ft)	To (ft)	From (ft)	To (ft)				
Surface	0	234	0	234	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate	234	9563	234	9412	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Production	9563	20998	9412	10019	Water-Based or Oil-Based Mud	9.5 - 12.5	38-50	N/C

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

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

6. Logging and Testing Procedures

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

Additional logs planned		Interval
No	Resistivity	
No	Density	
No	CBL	
Yes	Mud log	Bone Spring – TD
No	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	6513 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	161°F

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

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

8. Other facets of operation

	Yes/No
Will the well be drilled with a walking/skidding operation? If yes, describe. We plan to drill the 3 well pad in batch by section: all surface sections, intermediate sections and production sections. The wellhead will be secured with a night cap whenever the rig is not over the well.	Yes
Will more than one drilling rig be used for drilling operations? If yes, describe. Oxy requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Oxy would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.	Yes

Total Estimated Cuttings Volume:	1460 bbls

Attachments
_x__ Directional Plan
_x__ H2S Contingency Plan
_x__ Flex III Attachments
_x__ Spudder Rig Attachment
_x__ Premium Connection Specs

9. Company Personnel

Name	Title	Office Phone	Mobile Phone
Garrett Granier	Drilling Engineer	713-513-6633	832-265-0581
Filip Krneta	Drilling Engineer Supervisor	713-350-4751	832-244-4980
Simon Benavides	Drilling Superintendent	713-522-8652	281-684-6897
Diego Tellez	Drilling Manager	713-350-4602	713-303-4932

OXY

PRD NM DIRECTIONAL PLANS (NAD 1983)
Heads CC 9_4
Heads CC 9_4 Federal Com 36H - Replacement Well

Wellbore #1

Plan: Permitting Plan

Standard Planning Report

23 June, 2022

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Heads CC 9_4 Federal Com 36Y
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=26.5' @ 2953.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=26.5' @ 2953.50ft
Site:	Heads CC 9_4	**North Reference:**	Grid
Well:	Heads CC 9_4 Federal Com 36Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Project PRD NM DIRECTIONAL PLANS (NAD 1983)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site Heads CC 9_4

Site Position:		**Northing:**	446,198.60 usft	**Latitude:**	32.226200
From:	Map	**Easting:**	648,677.50 usft	**Longitude:**	-103.986208
Position Uncertainty:	2.00 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.19 °

Well Heads CC 9_4 Federal Com 36Y

Well Position	**+N/-S**	-1,445.94 ft	**Northing:**	444,752.78 usft	**Latitude:**	32.222225
	+E/-W	5.07 ft	**Easting:**	648,682.57 usft	**Longitude:**	-103.986207
Position Uncertainty		1.00 ft	**Wellhead Elevation:**	0.00 ft	**Ground Level:**	2,926.80 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	7/18/2019	6.93	59.93	47,901.80000000

Design Permitting Plan

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	4.85

Plan Survey Tool Program **Date** 6/23/2022

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	20,803.14	Permitting Plan (Wellbore #1)	B001Mb_MWD+HRGM	
				OWSG MWD + HRGM	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,125.00	0.00	0.00	4,125.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,525.27	14.00	52.00	5,511.37	104.82	134.16	1.00	1.00	0.00	52.00	
9,730.22	14.00	52.00	9,591.37	731.25	935.93	0.00	0.00	0.00	0.00	
10,546.76	90.17	359.73	10,070.20	1,300.02	1,028.01	10.00	9.33	-6.40	-53.06	FTP (Heads CC 9_4
20,803.14	90.17	359.73	10,039.20	11,556.24	980.31	0.00	0.00	0.00	0.00	PBHL (Heads CC

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Heads CC 9_4 Federal Com 36Y
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=26.5' @ 2953.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=26.5' @ 2953.50ft
Site:	Heads CC 9_4	**North Reference:**	Grid
Well:	Heads CC 9_4 Federal Com 36Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,125.00	0.00	0.00	4,125.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.75	52.00	4,200.00	0.30	0.39	0.33	1.00	1.00	0.00
4,300.00	1.75	52.00	4,299.97	1.65	2.11	1.82	1.00	1.00	0.00
4,400.00	2.75	52.00	4,399.89	4.06	5.20	4.49	1.00	1.00	0.00
4,500.00	3.75	52.00	4,499.73	7.55	9.67	8.34	1.00	1.00	0.00
4,600.00	4.75	52.00	4,599.46	12.12	15.51	13.38	1.00	1.00	0.00
4,700.00	5.75	52.00	4,699.04	17.75	22.72	19.61	1.00	1.00	0.00
4,800.00	6.75	52.00	4,798.44	24.45	31.30	27.01	1.00	1.00	0.00
4,900.00	7.75	52.00	4,897.64	32.22	41.24	35.59	1.00	1.00	0.00
5,000.00	8.75	52.00	4,996.60	41.06	52.55	45.35	1.00	1.00	0.00
5,100.00	9.75	52.00	5,095.30	50.95	65.21	56.28	1.00	1.00	0.00
5,200.00	10.75	52.00	5,193.70	61.91	79.23	68.38	1.00	1.00	0.00
5,300.00	11.75	52.00	5,291.78	73.92	94.61	81.65	1.00	1.00	0.00

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Heads CC 9_4 Federal Com 36Y
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=26.5' @ 2953.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=26.5' @ 2953.50ft
Site:	Heads CC 9_4	**North Reference:**	Grid
Well:	Heads CC 9_4 Federal Com 36Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.00	12.75	52.00	5,389.50	86.98	111.33	96.08	1.00	1.00	0.00
5,500.00	13.75	52.00	5,486.84	101.09	129.39	111.67	1.00	1.00	0.00
5,525.27	14.00	52.00	5,511.37	104.82	134.16	115.79	1.00	1.00	0.00
5,600.00	14.00	52.00	5,583.88	115.96	148.41	128.09	0.00	0.00	0.00
5,700.00	14.00	52.00	5,680.91	130.85	167.48	144.54	0.00	0.00	0.00
5,800.00	14.00	52.00	5,777.94	145.75	186.55	161.00	0.00	0.00	0.00
5,900.00	14.00	52.00	5,874.97	160.65	205.61	177.45	0.00	0.00	0.00
6,000.00	14.00	52.00	5,972.00	175.55	224.68	193.91	0.00	0.00	0.00
6,100.00	14.00	52.00	6,069.02	190.44	243.75	210.36	0.00	0.00	0.00
6,200.00	14.00	52.00	6,166.05	205.34	262.82	226.82	0.00	0.00	0.00
6,300.00	14.00	52.00	6,263.08	220.24	281.88	243.28	0.00	0.00	0.00
6,400.00	14.00	52.00	6,360.11	235.14	300.95	259.73	0.00	0.00	0.00
6,500.00	14.00	52.00	6,457.14	250.03	320.02	276.19	0.00	0.00	0.00
6,600.00	14.00	52.00	6,554.17	264.93	339.08	292.64	0.00	0.00	0.00
6,700.00	14.00	52.00	6,651.19	279.83	358.15	309.10	0.00	0.00	0.00
6,800.00	14.00	52.00	6,748.22	294.72	377.22	325.55	0.00	0.00	0.00
6,900.00	14.00	52.00	6,845.25	309.62	396.28	342.01	0.00	0.00	0.00
7,000.00	14.00	52.00	6,942.28	324.52	415.35	358.47	0.00	0.00	0.00
7,100.00	14.00	52.00	7,039.31	339.42	434.42	374.92	0.00	0.00	0.00
7,200.00	14.00	52.00	7,136.34	354.31	453.49	391.38	0.00	0.00	0.00
7,300.00	14.00	52.00	7,233.37	369.21	472.55	407.83	0.00	0.00	0.00
7,400.00	14.00	52.00	7,330.39	384.11	491.62	424.29	0.00	0.00	0.00
7,500.00	14.00	52.00	7,427.42	399.01	510.69	440.74	0.00	0.00	0.00
7,600.00	14.00	52.00	7,524.45	413.90	529.75	457.20	0.00	0.00	0.00
7,700.00	14.00	52.00	7,621.48	428.80	548.82	473.66	0.00	0.00	0.00
7,800.00	14.00	52.00	7,718.51	443.70	567.89	490.11	0.00	0.00	0.00
7,900.00	14.00	52.00	7,815.54	458.60	586.96	506.57	0.00	0.00	0.00
8,000.00	14.00	52.00	7,912.56	473.49	606.02	523.02	0.00	0.00	0.00
8,100.00	14.00	52.00	8,009.59	488.39	625.09	539.48	0.00	0.00	0.00
8,200.00	14.00	52.00	8,106.62	503.29	644.16	555.93	0.00	0.00	0.00
8,300.00	14.00	52.00	8,203.65	518.18	663.22	572.39	0.00	0.00	0.00
8,400.00	14.00	52.00	8,300.68	533.08	682.29	588.85	0.00	0.00	0.00
8,500.00	14.00	52.00	8,397.71	547.98	701.36	605.30	0.00	0.00	0.00
8,600.00	14.00	52.00	8,494.73	562.88	720.43	621.76	0.00	0.00	0.00
8,700.00	14.00	52.00	8,591.76	577.77	739.49	638.21	0.00	0.00	0.00
8,800.00	14.00	52.00	8,688.79	592.67	758.56	654.67	0.00	0.00	0.00
8,900.00	14.00	52.00	8,785.82	607.57	777.63	671.12	0.00	0.00	0.00
9,000.00	14.00	52.00	8,882.85	622.47	796.69	687.58	0.00	0.00	0.00
9,100.00	14.00	52.00	8,979.88	637.36	815.76	704.03	0.00	0.00	0.00
9,200.00	14.00	52.00	9,076.91	652.26	834.83	720.49	0.00	0.00	0.00
9,300.00	14.00	52.00	9,173.93	667.16	853.89	736.95	0.00	0.00	0.00
9,400.00	14.00	52.00	9,270.96	682.06	872.96	753.40	0.00	0.00	0.00
9,500.00	14.00	52.00	9,367.99	696.95	892.03	769.86	0.00	0.00	0.00
9,600.00	14.00	52.00	9,465.02	711.85	911.10	786.31	0.00	0.00	0.00
9,700.00	14.00	52.00	9,562.05	726.75	930.16	802.77	0.00	0.00	0.00
9,730.22	14.00	52.00	9,591.37	731.25	935.93	807.74	0.00	0.00	0.00
9,800.00	19.01	34.66	9,658.29	745.82	949.06	823.37	10.00	7.18	-24.85
9,900.00	27.68	21.84	9,750.07	780.86	967.01	859.81	10.00	8.67	-12.82
10,000.00	36.99	14.94	9,834.50	831.62	983.45	911.77	10.00	9.31	-6.90
10,100.00	46.55	10.53	9,909.01	896.54	997.87	977.68	10.00	9.56	-4.41
10,200.00	56.24	7.34	9,971.34	973.66	1,009.85	1,055.53	10.00	9.69	-3.19
10,300.00	65.99	4.80	10,019.59	1,060.62	1,019.01	1,142.96	10.00	9.75	-2.53
10,400.00	75.78	2.63	10,052.30	1,154.79	1,025.07	1,237.30	10.00	9.79	-2.17
10,500.00	85.59	0.64	10,068.47	1,253.31	1,027.86	1,335.70	10.00	9.81	-1.99
10,546.76	90.17	359.73	10,070.20	1,300.02	1,028.01	1,382.26	10.00	9.81	-1.94

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Heads CC 9_4 Federal Com 36Y
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=26.5' @ 2953.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=26.5' @ 2953.50ft
Site:	Heads CC 9_4	**North Reference:**	Grid
Well:	Heads CC 9_4 Federal Com 36Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

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)
10,600.00	90.17	359.73	10,070.04	1,353.26	1,027.76	1,435.29	0.00	0.00	0.00
10,700.00	90.17	359.73	10,069.74	1,453.26	1,027.30	1,534.89	0.00	0.00	0.00
10,800.00	90.17	359.73	10,069.43	1,553.26	1,026.83	1,634.49	0.00	0.00	0.00
10,900.00	90.17	359.73	10,069.13	1,653.26	1,026.37	1,734.09	0.00	0.00	0.00
11,000.00	90.17	359.73	10,068.83	1,753.25	1,025.90	1,833.70	0.00	0.00	0.00
11,100.00	90.17	359.73	10,068.53	1,853.25	1,025.44	1,933.30	0.00	0.00	0.00
11,200.00	90.17	359.73	10,068.23	1,953.25	1,024.97	2,032.90	0.00	0.00	0.00
11,300.00	90.17	359.73	10,067.92	2,053.25	1,024.51	2,132.50	0.00	0.00	0.00
11,400.00	90.17	359.73	10,067.62	2,153.25	1,024.04	2,232.10	0.00	0.00	0.00
11,500.00	90.17	359.73	10,067.32	2,253.25	1,023.58	2,331.70	0.00	0.00	0.00
11,600.00	90.17	359.73	10,067.02	2,353.25	1,023.11	2,431.30	0.00	0.00	0.00
11,700.00	90.17	359.73	10,066.71	2,453.24	1,022.65	2,530.90	0.00	0.00	0.00
11,800.00	90.17	359.73	10,066.41	2,553.24	1,022.18	2,630.51	0.00	0.00	0.00
11,900.00	90.17	359.73	10,066.11	2,653.24	1,021.72	2,730.11	0.00	0.00	0.00
12,000.00	90.17	359.73	10,065.81	2,753.24	1,021.25	2,829.71	0.00	0.00	0.00
12,100.00	90.17	359.73	10,065.51	2,853.24	1,020.79	2,929.31	0.00	0.00	0.00
12,200.00	90.17	359.73	10,065.20	2,953.24	1,020.32	3,028.91	0.00	0.00	0.00
12,300.00	90.17	359.73	10,064.90	3,053.23	1,019.86	3,128.51	0.00	0.00	0.00
12,400.00	90.17	359.73	10,064.60	3,153.23	1,019.39	3,228.11	0.00	0.00	0.00
12,500.00	90.17	359.73	10,064.30	3,253.23	1,018.93	3,327.71	0.00	0.00	0.00
12,600.00	90.17	359.73	10,063.99	3,353.23	1,018.46	3,427.32	0.00	0.00	0.00
12,700.00	90.17	359.73	10,063.69	3,453.23	1,018.00	3,526.92	0.00	0.00	0.00
12,800.00	90.17	359.73	10,063.39	3,553.23	1,017.53	3,626.52	0.00	0.00	0.00
12,900.00	90.17	359.73	10,063.09	3,653.23	1,017.07	3,726.12	0.00	0.00	0.00
13,000.00	90.17	359.73	10,062.79	3,753.22	1,016.60	3,825.72	0.00	0.00	0.00
13,100.00	90.17	359.73	10,062.48	3,853.22	1,016.14	3,925.32	0.00	0.00	0.00
13,200.00	90.17	359.73	10,062.18	3,953.22	1,015.67	4,024.92	0.00	0.00	0.00
13,300.00	90.17	359.73	10,061.88	4,053.22	1,015.21	4,124.53	0.00	0.00	0.00
13,400.00	90.17	359.73	10,061.58	4,153.22	1,014.74	4,224.13	0.00	0.00	0.00
13,500.00	90.17	359.73	10,061.27	4,253.22	1,014.28	4,323.73	0.00	0.00	0.00
13,600.00	90.17	359.73	10,060.97	4,353.21	1,013.81	4,423.33	0.00	0.00	0.00
13,700.00	90.17	359.73	10,060.67	4,453.21	1,013.35	4,522.93	0.00	0.00	0.00
13,800.00	90.17	359.73	10,060.37	4,553.21	1,012.88	4,622.53	0.00	0.00	0.00
13,900.00	90.17	359.73	10,060.07	4,653.21	1,012.42	4,722.13	0.00	0.00	0.00
14,000.00	90.17	359.73	10,059.76	4,753.21	1,011.95	4,821.73	0.00	0.00	0.00
14,100.00	90.17	359.73	10,059.46	4,853.21	1,011.49	4,921.34	0.00	0.00	0.00
14,200.00	90.17	359.73	10,059.16	4,953.21	1,011.02	5,020.94	0.00	0.00	0.00
14,300.00	90.17	359.73	10,058.86	5,053.20	1,010.56	5,120.54	0.00	0.00	0.00
14,400.00	90.17	359.73	10,058.55	5,153.20	1,010.09	5,220.14	0.00	0.00	0.00
14,500.00	90.17	359.73	10,058.25	5,253.20	1,009.62	5,319.74	0.00	0.00	0.00
14,600.00	90.17	359.73	10,057.95	5,353.20	1,009.16	5,419.34	0.00	0.00	0.00
14,700.00	90.17	359.73	10,057.65	5,453.20	1,008.69	5,518.94	0.00	0.00	0.00
14,800.00	90.17	359.73	10,057.34	5,553.20	1,008.23	5,618.54	0.00	0.00	0.00
14,900.00	90.17	359.73	10,057.04	5,653.19	1,007.76	5,718.15	0.00	0.00	0.00
15,000.00	90.17	359.73	10,056.74	5,753.19	1,007.30	5,817.75	0.00	0.00	0.00
15,100.00	90.17	359.73	10,056.44	5,853.19	1,006.83	5,917.35	0.00	0.00	0.00
15,200.00	90.17	359.73	10,056.14	5,953.19	1,006.37	6,016.95	0.00	0.00	0.00
15,300.00	90.17	359.73	10,055.83	6,053.19	1,005.90	6,116.55	0.00	0.00	0.00
15,400.00	90.17	359.73	10,055.53	6,153.19	1,005.44	6,216.15	0.00	0.00	0.00
15,500.00	90.17	359.73	10,055.23	6,253.19	1,004.97	6,315.75	0.00	0.00	0.00
15,600.00	90.17	359.73	10,054.93	6,353.18	1,004.51	6,415.35	0.00	0.00	0.00
15,700.00	90.17	359.73	10,054.62	6,453.18	1,004.04	6,514.96	0.00	0.00	0.00
15,800.00	90.17	359.73	10,054.32	6,553.18	1,003.58	6,614.56	0.00	0.00	0.00
15,900.00	90.17	359.73	10,054.02	6,653.18	1,003.11	6,714.16	0.00	0.00	0.00
16,000.00	90.17	359.73	10,053.72	6,753.18	1,002.65	6,813.76	0.00	0.00	0.00

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Heads CC 9_4 Federal Com 36Y
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=26.5' @ 2953.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=26.5' @ 2953.50ft
Site:	Heads CC 9_4	**North Reference:**	Grid
Well:	Heads CC 9_4 Federal Com 36Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

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)
16,100.00	90.17	359.73	10,053.42	6,853.18	1,002.18	6,913.36	0.00	0.00	0.00
16,200.00	90.17	359.73	10,053.11	6,953.17	1,001.72	7,012.96	0.00	0.00	0.00
16,300.00	90.17	359.73	10,052.81	7,053.17	1,001.25	7,112.56	0.00	0.00	0.00
16,400.00	90.17	359.73	10,052.51	7,153.17	1,000.79	7,212.16	0.00	0.00	0.00
16,500.00	90.17	359.73	10,052.21	7,253.17	1,000.32	7,311.77	0.00	0.00	0.00
16,600.00	90.17	359.73	10,051.90	7,353.17	999.86	7,411.37	0.00	0.00	0.00
16,700.00	90.17	359.73	10,051.60	7,453.17	999.39	7,510.97	0.00	0.00	0.00
16,800.00	90.17	359.73	10,051.30	7,553.17	998.93	7,610.57	0.00	0.00	0.00
16,900.00	90.17	359.73	10,051.00	7,653.16	998.46	7,710.17	0.00	0.00	0.00
17,000.00	90.17	359.73	10,050.70	7,753.16	998.00	7,809.77	0.00	0.00	0.00
17,100.00	90.17	359.73	10,050.39	7,853.16	997.53	7,909.37	0.00	0.00	0.00
17,200.00	90.17	359.73	10,050.09	7,953.16	997.07	8,008.98	0.00	0.00	0.00
17,300.00	90.17	359.73	10,049.79	8,053.16	996.60	8,108.58	0.00	0.00	0.00
17,400.00	90.17	359.73	10,049.49	8,153.16	996.14	8,208.18	0.00	0.00	0.00
17,500.00	90.17	359.73	10,049.18	8,253.15	995.67	8,307.78	0.00	0.00	0.00
17,600.00	90.17	359.73	10,048.88	8,353.15	995.21	8,407.38	0.00	0.00	0.00
17,700.00	90.17	359.73	10,048.58	8,453.15	994.74	8,506.98	0.00	0.00	0.00
17,800.00	90.17	359.73	10,048.28	8,553.15	994.28	8,606.58	0.00	0.00	0.00
17,900.00	90.17	359.73	10,047.97	8,653.15	993.81	8,706.18	0.00	0.00	0.00
18,000.00	90.17	359.73	10,047.67	8,753.15	993.35	8,805.79	0.00	0.00	0.00
18,100.00	90.17	359.73	10,047.37	8,853.15	992.88	8,905.39	0.00	0.00	0.00
18,200.00	90.17	359.73	10,047.07	8,953.14	992.42	9,004.99	0.00	0.00	0.00
18,300.00	90.17	359.73	10,046.77	9,053.14	991.95	9,104.59	0.00	0.00	0.00
18,400.00	90.17	359.73	10,046.46	9,153.14	991.49	9,204.19	0.00	0.00	0.00
18,500.00	90.17	359.73	10,046.16	9,253.14	991.02	9,303.79	0.00	0.00	0.00
18,600.00	90.17	359.73	10,045.86	9,353.14	990.56	9,403.39	0.00	0.00	0.00
18,700.00	90.17	359.73	10,045.56	9,453.14	990.09	9,502.99	0.00	0.00	0.00
18,800.00	90.17	359.73	10,045.25	9,553.13	989.63	9,602.60	0.00	0.00	0.00
18,900.00	90.17	359.73	10,044.95	9,653.13	989.16	9,702.20	0.00	0.00	0.00
19,000.00	90.17	359.73	10,044.65	9,753.13	988.69	9,801.80	0.00	0.00	0.00
19,100.00	90.17	359.73	10,044.35	9,853.13	988.23	9,901.40	0.00	0.00	0.00
19,200.00	90.17	359.73	10,044.05	9,953.13	987.76	10,001.00	0.00	0.00	0.00
19,300.00	90.17	359.73	10,043.74	10,053.13	987.30	10,100.60	0.00	0.00	0.00
19,400.00	90.17	359.73	10,043.44	10,153.13	986.83	10,200.20	0.00	0.00	0.00
19,500.00	90.17	359.73	10,043.14	10,253.12	986.37	10,299.80	0.00	0.00	0.00
19,600.00	90.17	359.73	10,042.84	10,353.12	985.90	10,399.41	0.00	0.00	0.00
19,700.00	90.17	359.73	10,042.53	10,453.12	985.44	10,499.01	0.00	0.00	0.00
19,800.00	90.17	359.73	10,042.23	10,553.12	984.97	10,598.61	0.00	0.00	0.00
19,900.00	90.17	359.73	10,041.93	10,653.12	984.51	10,698.21	0.00	0.00	0.00
20,000.00	90.17	359.73	10,041.63	10,753.12	984.04	10,797.81	0.00	0.00	0.00
20,100.00	90.17	359.73	10,041.33	10,853.11	983.58	10,897.41	0.00	0.00	0.00
20,200.00	90.17	359.73	10,041.02	10,953.11	983.11	10,997.01	0.00	0.00	0.00
20,300.00	90.17	359.73	10,040.72	11,053.11	982.65	11,096.61	0.00	0.00	0.00
20,400.00	90.17	359.73	10,040.42	11,153.11	982.18	11,196.22	0.00	0.00	0.00
20,500.00	90.17	359.73	10,040.12	11,253.11	981.72	11,295.82	0.00	0.00	0.00
20,600.00	90.17	359.73	10,039.81	11,353.11	981.25	11,395.42	0.00	0.00	0.00
20,700.00	90.17	359.73	10,039.51	11,453.11	980.79	11,495.02	0.00	0.00	0.00
20,800.00	90.17	359.73	10,039.21	11,553.10	980.32	11,594.62	0.00	0.00	0.00
20,803.14	90.17	359.73	10,039.20	11,556.24	980.31	11,597.75	0.00	0.00	0.00

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Heads CC 9_4 Federal Com 36Y
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=26.5' @ 2953.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=26.5' @ 2953.50ft
Site:	Heads CC 9_4	**North Reference:**	Grid
Well:	Heads CC 9_4 Federal Com 36Y	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

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
PBHL (Heads CC 9_4 - plan hits target center - Point	0.00	0.00	10,039.20	11,556.24	980.31	456,308.10	649,662.80	32.253980	-103.982915
FTP (Heads CC 9_4 - plan hits target center - Point	0.00	0.00	10,070.20	1,300.02	1,028.01	446,052.70	649,710.50	32.225789	-103.982869
FTP (Heads CC 9_4 - plan misses target center by 43.84ft at 10326.06ft MD (10029.66 TVD, 1084.58 N, 1020.89 E) - Point	0.00	0.00	10,070.20	1,070.01	1,029.01	445,822.70	649,711.50	32.225157	-103.982868

Formations

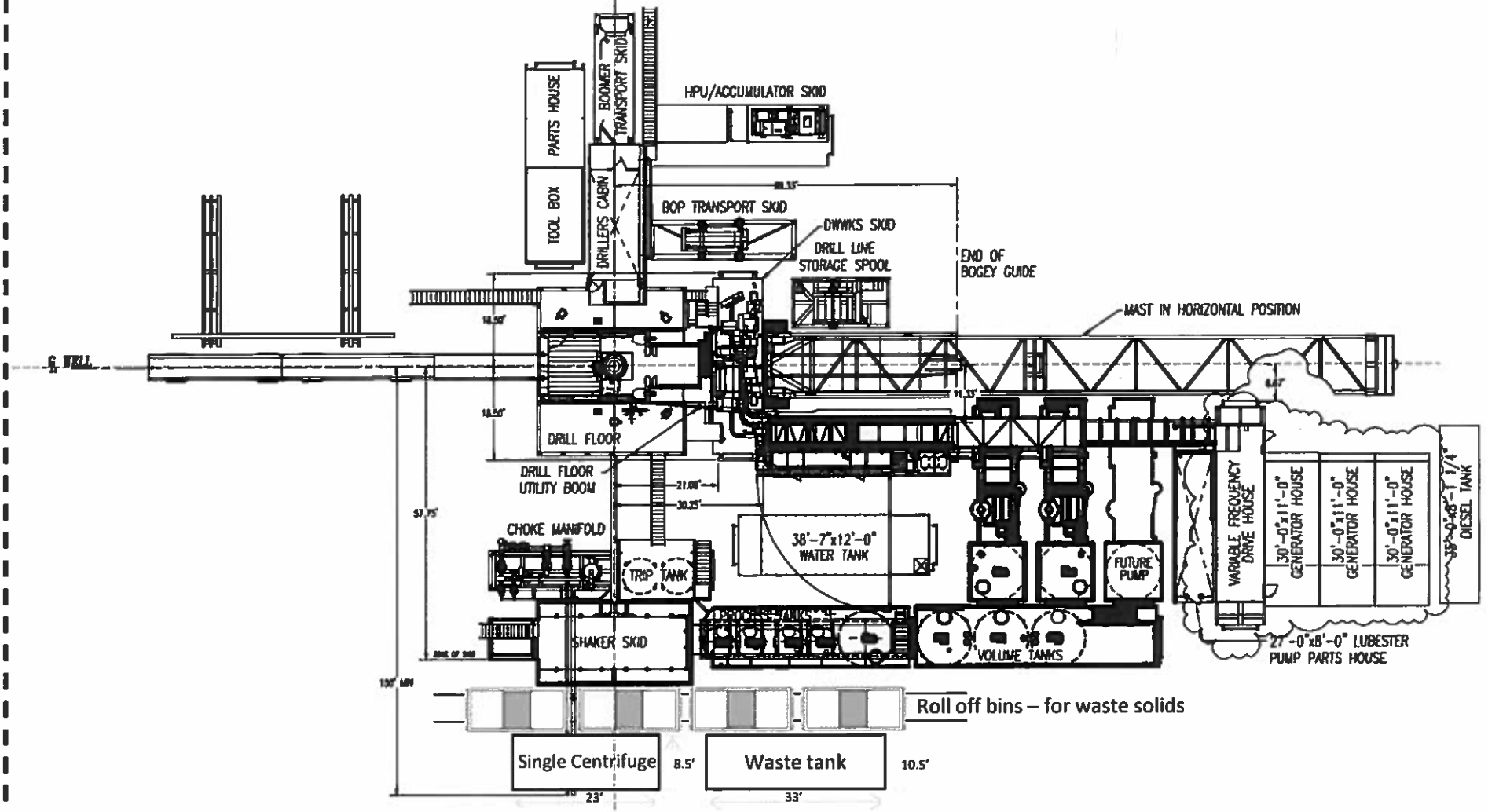
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
167.20	167.20	RUSTLER			
645.20	645.20	SALADO			
1,392.20	1,392.20	CASTILE			
2,932.20	2,932.20	DELAWARE			
2,963.20	2,963.20	BELL CANYON			
3,804.20	3,804.20	CHERRY CANYON			
5,061.36	5,057.20	BRUSHY CANYON			
6,719.59	6,670.20	BONE SPRING			
7,741.97	7,662.20	BONE SPRING 1ST			
8,574.71	8,470.20	BONE SPRING 2ND			
9,689.85	9,552.20	BONE SPRING 3RD			
10,178.73	9,959.20	WOLFCAMP			

Plan Annotations

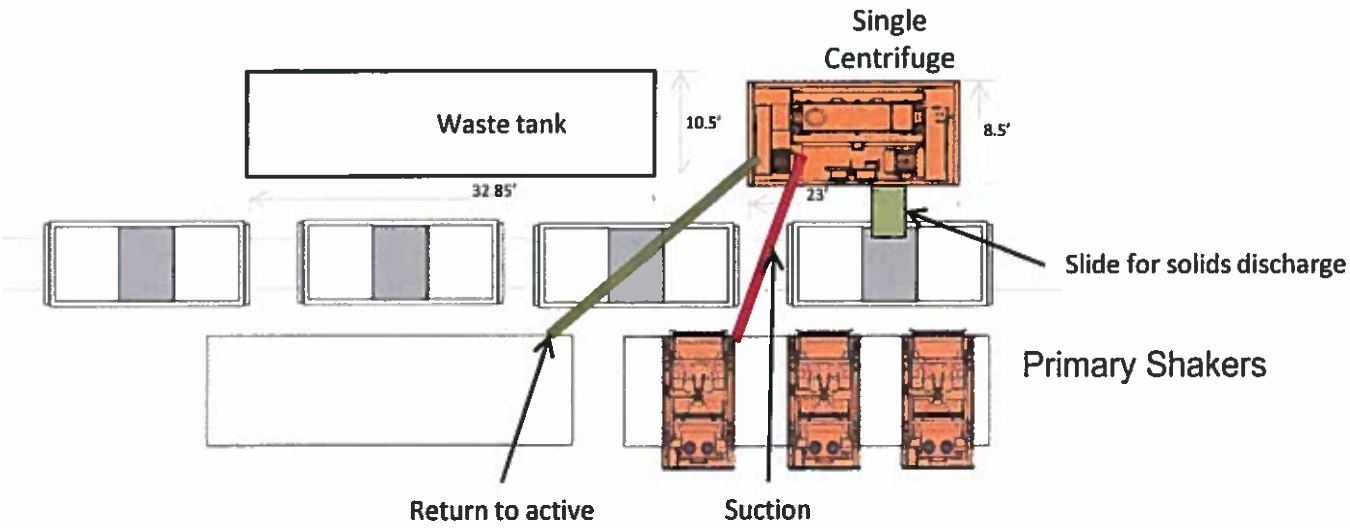
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,125.00	4,125.00	0.00	0.00	Build 1°/100'
5,525.27	5,511.37	104.82	134.16	Hold 14° Tangent
9,730.22	9,591.37	731.25	935.93	KOP, Build & Turn 10°/100'
10,546.76	10,070.20	1,300.02	1,028.01	Landing Point
20,803.14	10,039.20	11,556.24	980.31	TD at 20803.14' MD

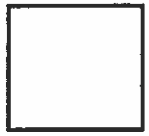
Oxy Single Centrifuge Closed Loop System – New Mexico Flex III

May 28, 2013



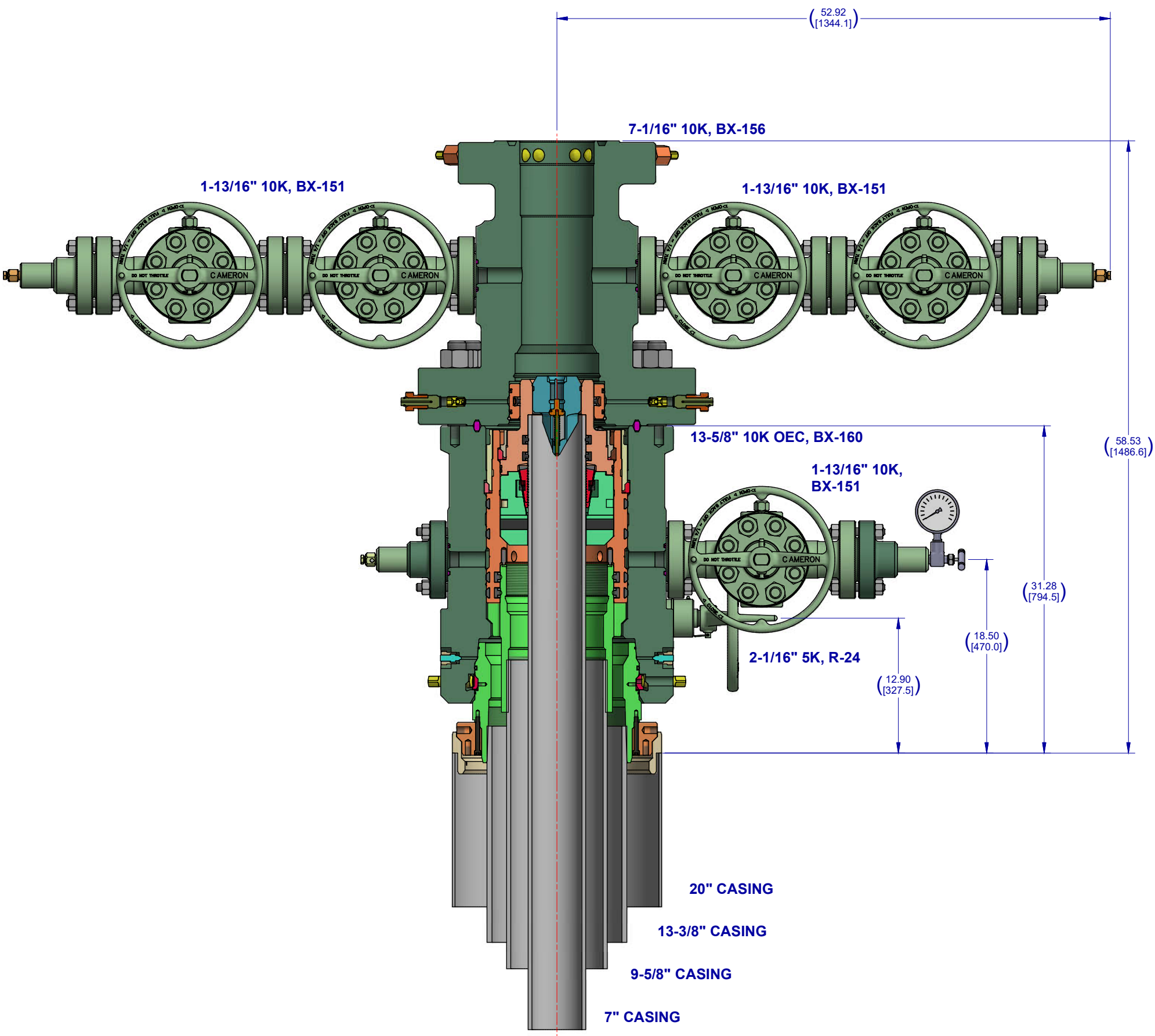
Oxy





Oxy Single Centrifuge Closed Loop System – New Mexico Flex III

May 28, 2013



Notes:

1. THIS IS A PROPOSAL DRAWING AND DIMENSIONS SHOWN ARE SUBJECT TO CHANGE DURING THE FINAL DESIGN PROCESS.

2. DIGITALLY ENABLED SOLUTIONS, CHOKES AND ESD'S AVAILABLE ON REQUEST

CONFIDENTIAL

SURFACE TREATMENT	DO NOT SCALE		CAMERON A Schlumberger Company	SURFACE SYSTEMS
	DRAWN BY: D. GOTTUNG	DATE 18 Feb 22		
MATERIAL & HEAT TREAT	CHECKED BY: D. GOTTUNG	DATE 18 Feb 22	OXY 13-5/8" 10K ADAPT 20" X 13-3/8" X 9-5/8" X 7"	
	APPROVED BY: D. GOTTUNG	DATE 18 Feb 22		
ESTIMATED WEIGHT: 6115.068 LBS 2773.748 KG	INITIAL USE B/M:		SHEET 1 OF 1	SD-053434-94-12 REV: 01

INVENTOR - D

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 122343

COMMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 122343
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

COMMENTS

Created By	Comment	Comment Date
kpickford	Defining well 30-015-47340 HEADS CC 9 4 FEDERAL COM #312H	7/1/2022

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OXY USA INC P.O. Box 4294 Houston, TX 772104294	16696
	Action Number: 122343
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
kpickford	• NSL Will require an administrative order for	7/1/2022
kpickford	Adhere to previous NMOCD Conditions of Approval	7/1/2022