

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

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

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

Form C-101  
Revised July 18, 2013

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Occidental Permian LTD PO Box 4294 Houston, TX 77210		<sup>2</sup> OGRID Number 157984
		<sup>3</sup> API Number 30-025-37577
<sup>4</sup> Property Code 330427	<sup>5</sup> Property Name STATE G 33	<sup>6</sup> Well No. 001

#### 7. Surface Location

UL - Lot E	Section 33	Township 18S	Range 38E	Lot Idn	Feet from 1680'	N/S Line NORTH	Feet From 660'	E/W Line WEST	County LEA
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#### 8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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#### 9. Pool Information

Pool Name HOBBS;GRAYBURG-SAN ANDRES	Pool Code 31920
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#### Additional Well Information

<sup>11</sup> Work Type PLUG BACK/CTI	<sup>12</sup> Well Type OIL/CONVERT TO INJECTION	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type STATE	<sup>15</sup> Ground Level Elevation 3642'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth PBSD @ +/- 5650'	<sup>18</sup> Formation SAN ANDRES	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 12/7/2005
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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

#### 21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURF	12 1/4"	8 5/8"	24#	1539'	750-Class C	SURF
PROD	7 7/8"	5 1/2"	15.5#	6389'	1465-Class H & C	SURF

#### Casing/Cement Program: Additional Comments

Plugback to Grayburg/San Andres and CTI. C108 Approval 3/15/2022. Administrative Order PMX-304.

#### 22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
ANNULAR	5000	3000	

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. <b>I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.</b> Signature: <i>Roni Mathew</i> Printed name: Roni Mathew Title: Regulatory Analyst, Sr. E-mail Address: roni_mathew@oxy.com Date: 3/18/2022      Phone: 713-215-7827	<b>OIL CONSERVATION DIVISION</b>	
	Approved By:	
	Title:	
	Approved Date:	Expiration Date:
	Conditions of Approval Attached	

☒ AMENDED REPORT

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	1530	T. Canyon	T. Ojo Alamo		T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland		T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs		T. Penn. "D"
T. Yates	2636	T. Miss	T. Cliff House		T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee		T. Madison
T. Queen		T. Silurian	T. Point Lookout		T. Elbert
T. Grayburg		T. Montoya	T. Mancos		T. McCracken
T. San Andres		T. Simpson	T. Gallup		T. Ignacio Otzte
T. Glorieta	5307	T. McKee	Base Greenhorn		T. Granite
T. Paddock		T. Ellenburger	T. Dakota		T.
T. Blinebry	5732	T. Gr. Wash	T. Morrison		T.
T. Tubb		T. Delaware Sand	T. Todilto		T.
T. Drinkard		T. Bone Springs	T. Entrada		T.
T. Abo		T.	T. Wingate		T.
T. Wolfcamp		T.	T. Chinle		T.
T. Penn		T.	T. Permian		T.
T. Cisco (Bough C)		T.	T. Penn "A"		T.

**OIL OR GAS  
SANDS OR ZONES**

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
No. 2, from.....to.....feet.....  
No. 3, from.....to.....feet.....

**LITHOLOGY RECORD (Attach additional sheet if necessary)**

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
surf	1530	1530	sandstone, shale, red bed				
1530	5300	3770	dolo, anhydrite, salt				
5300	TD	1089	dolomite, anhydrite				

**State G 33 # 001 (API: 30-025-37577)**

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Operation/ Procedure to Plugback from Blinebry Hobbs to Hobbs;Grayburg/San Andres

- RUPU, NDWH-NUBOP
- RIH with open ended tubing, tag PBTD @ +/- 5650'
- RU Cement trucks and spot ~ 100 sxs on top of capped CIBP. POOH with WS, RD Cement Trucks
- RU WL tag TOC (TOC should be ~ 4500' – Bottom of the North Hobbs Unit unitized interval) dump bail cement as needed.
- Perf interval as following:
  - 4240' - 4250', 4260' - 4270', 4280' - 4290', 4300' - 4310', 4320' - 4330', 4340' - 4350', 4360' - 4370', 4380' - 4390', 4400' - 4410', 4420' - 4430', 4440' - 4450', 4460' - 4470', 4480' - 4490' (4-JSPF) RD WL
- RIH with PPI tool and acid stimulate new perf with ~ 6000 gals of 15\$ HCL IC 200. POOH and LD PPI Tool
- RIH with injection packer and set @ 4200'.
- Circulate packer Fluid and POOH LD WS
- PU and RIH with 2-7/8" duoline injection tubing, latch into packer
- ND BOP-NU WH
- Perform MIT for NMOCD
- RDPU

## WELLBORE DIAGRAM

(updated: 04/26/2021 CER)

Revision 0

WELL# State G 33 # 001

API# 30-025-37577

Zone: San Andres

GL elev

3642'

Spud: 11/7/2005 0:00

State G 33 # 001

## CEMENT

## DEVIATION SURVEYS

DEPTH

DEGREE

Surface Casing

Cement with 550 sxs 35:65:6 Poz "C" w/3% Salt.

1/4# CF (12.6 ppg, 1.96 yd) Lead

200 sxs CL "C" w/ 2% CaCl (14.8 ppg, 1.35 Yd)

Tail

CIRCULATED TO SURFACE

12-1/4" hole

8-5/8" 24# set at 1539'

Production Casing

First Stage: Cemented with 430 sxs Super "H" w/ 2.5# salt, 1/4% LAP and 0.3% CFR-3 (13.2 ppg, 1.62 Yd).

Second Stage: Cemented with 935 sxs Interfill "C" (11.9 ppg, 2.45 yd) lead + 100 sxs CL "C" (15.0 ppg, 1.29 yd)

CIRCULATED TO SURFACE

CIBP set @ 5650' w/  
5sxs cmtPerf Interval:5739-5744, 5749, 5753, 5772-5774, 5828-  
5832, 5839-5846, 5866-5869

CIBP set @ 5900'

Sqz'd Perf Interval:

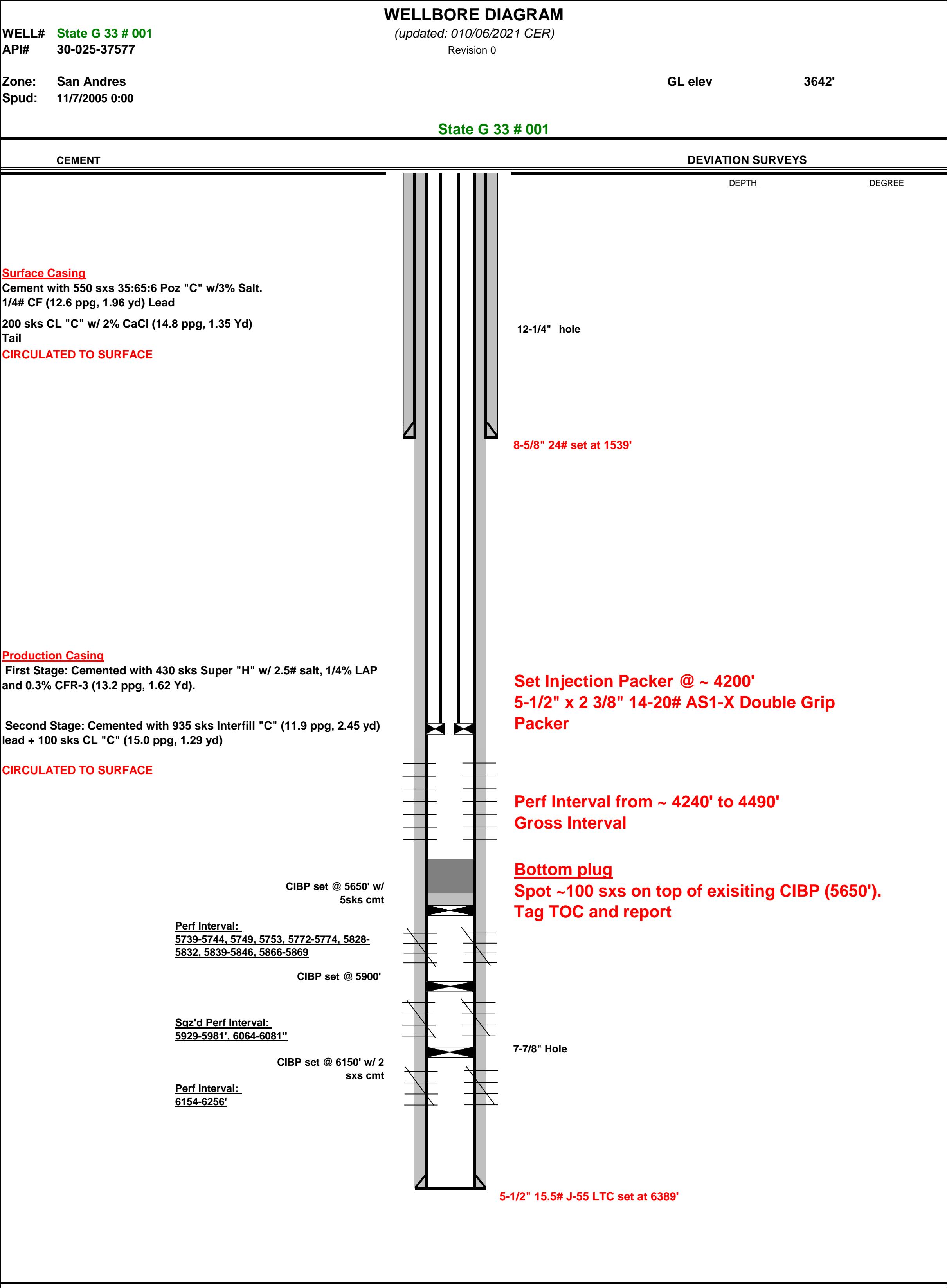
5929-5981', 6064-6081"

CIBP set @ 6150' w/ 2  
sxs cmtPerf Interval:

6154-6256'

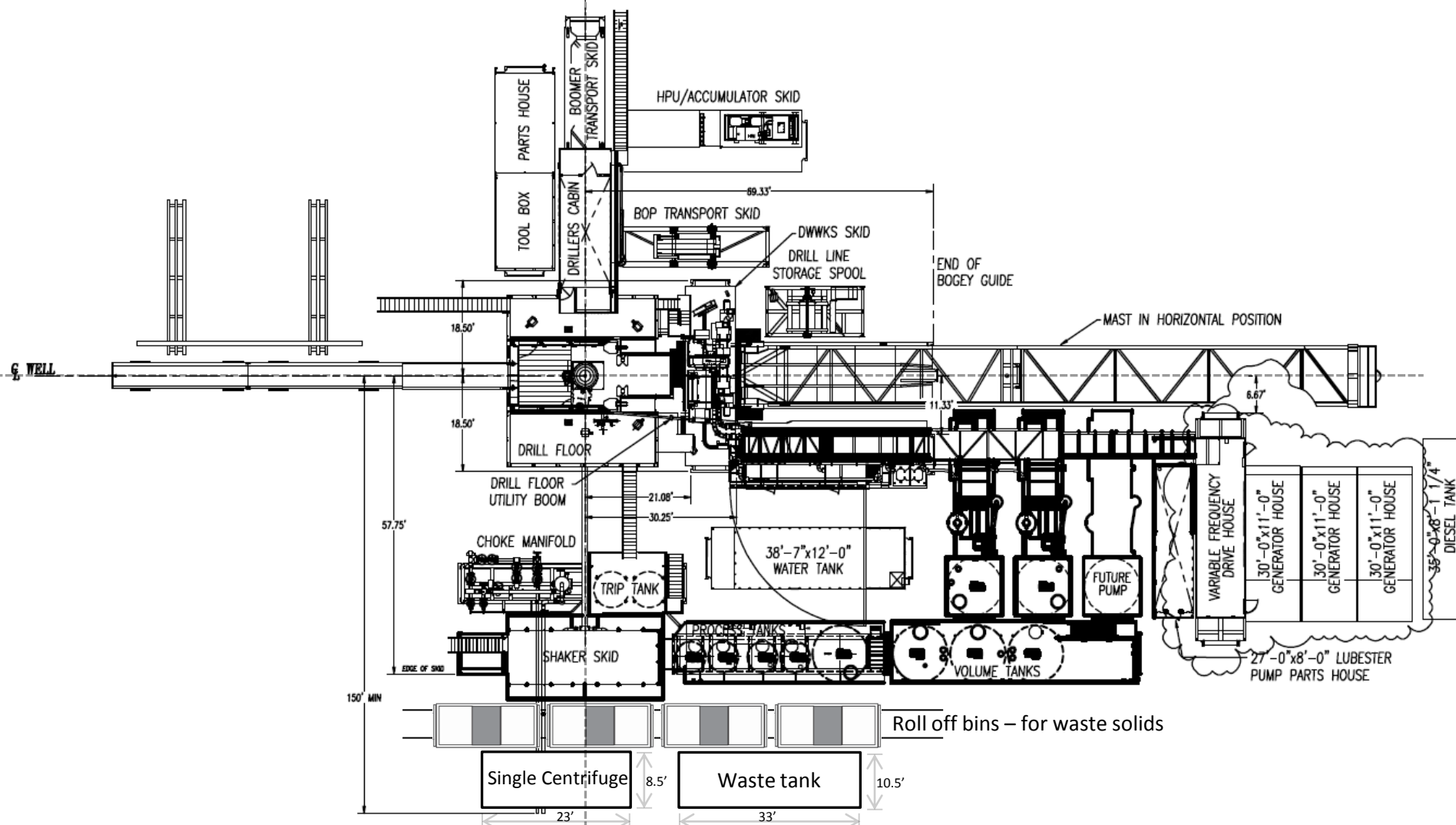
7-7/8" Hole

5-1/2" 15.5# J-55 LTC set at 6389'

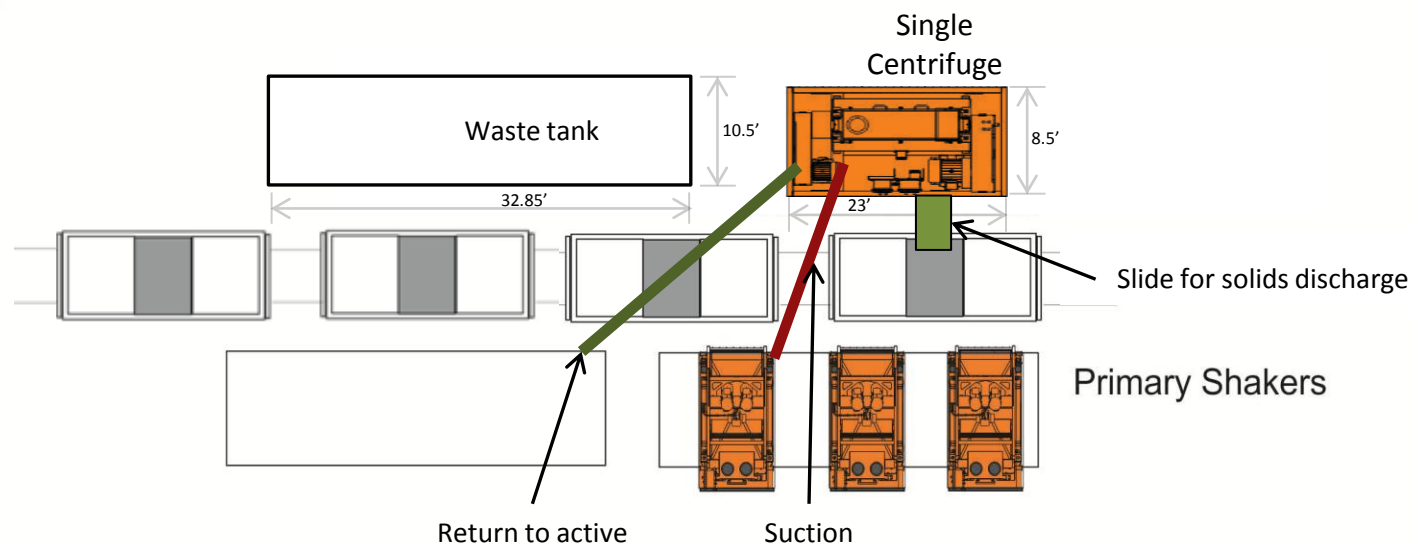


# Oxy Single Centrifuge Closed Loop System – New Mexico Flex III

May 28, 2013



Oxy



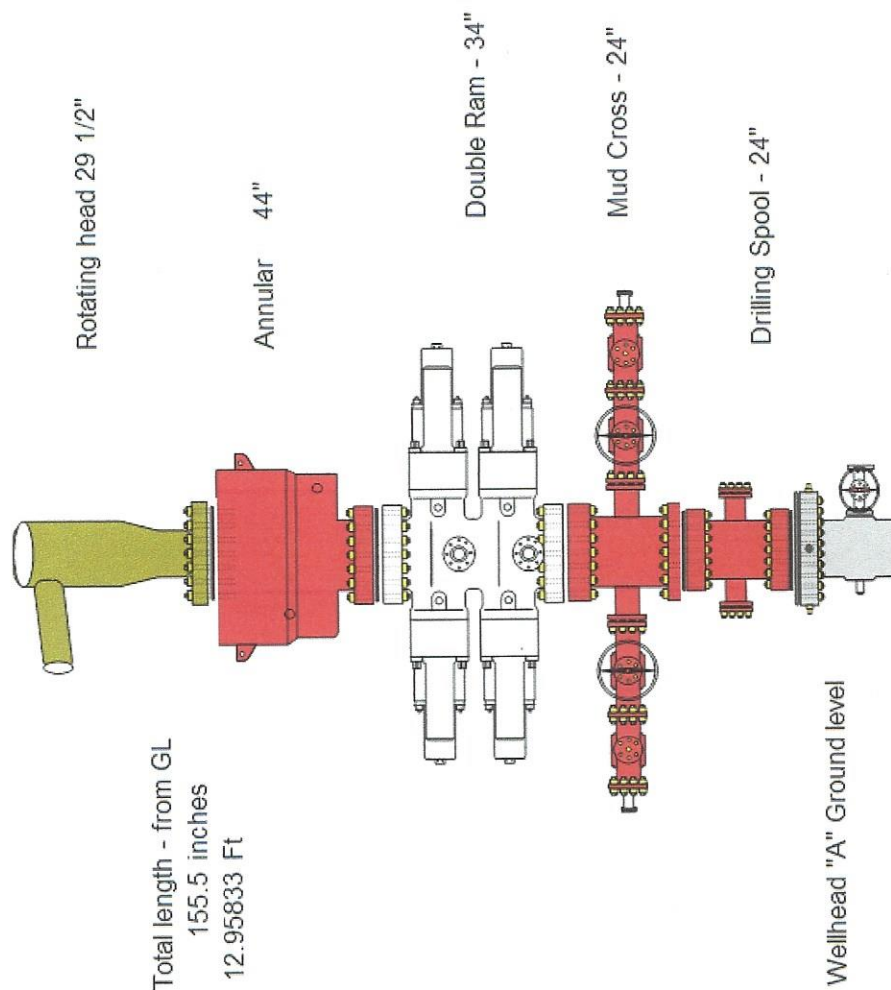
Well Head

Oxy Single Centrifuge  
Closed Loop System – New  
Mexico Flex III

May 28, 2013



# Current BOP heights – 11" 5K



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

CONDITIONS  
  
Action 110969

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 110969
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	5/26/2022