

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-021-20540
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name WEST BRAVO DOME UNIT SWD
8. Well Number #271
9. OGRID Number 16696
10. Pool name or Wildcat SWD; TUBB

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒	
2. Name of Operator OXY USA INC.	
3. Address of Operator 5 GREENWAY PLAZA SUITE 110, HOUSTON, TX	
4. Well Location	
Unit Letter F : 1650 feet from the NORTH line and 1650 feet from the WEST line	
Section 27 Township 18N Range 30E NMPM County HARDING	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4333'GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: PERFORM STEP RATE TEST - SWD ☒		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY USA INC. respectfully requests approval to perform a step rate test on the subject well SWD. See the attached proposed procedure, a description of measurement/recording equipment during test, past treatment jobs and shut-in pressures, a current wellbore diagram and a summary of 5-year injection volumes.

Spud Date:

Rig Release Date:

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

SIGNATURE Leslie T. Reeves TITLE REGULATORY MANAGER DATE 4/14/2023

Type or print name LESLIE REEVES E-mail address: LESLIE_REEVES@OXY.COM PHONE: 713-497-2492

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Production Summary Report API: 30-021-20540 WEST BRAVO DOME UNIT SWD #271 Printed On: Friday, April 14 2023											
Year	Pool	Production					Injection				
		Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2013	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	0	0	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	23	327	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	853	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Apr	0	0	0	30	1234	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	May	0	0	0	31	78	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Jun	0	0	0	30	110	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Jul	0	0	0	31	49	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Aug	0	0	0	25	297	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Sep	0	0	0	30	772	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Oct	0	0	0	31	373	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Nov	0	0	0	30	2046	0	0	0	0
2013	[96387] WEST BRAVO DOME CO2 GAS	Dec	0	0	0	31	618	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	31	1765	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	28	2398	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	1913	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Apr	0	0	0	30	302	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	May	0	0	0	31	1570	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Jun	0	0	0	30	2119	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Jul	0	0	0	31	2390	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Aug	0	0	0	31	2177	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Sep	0	0	0	30	962	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Oct	0	0	0	31	2263	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Nov	0	0	0	30	2249	0	0	0	0
2014	[96387] WEST BRAVO DOME CO2 GAS	Dec	0	0	0	31	1098	0	0	0	0
2015	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	31	973	0	0	0	0
2015	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	28	1073	0	0	0	0
2015	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	1032	0	0	0	0
2015	[96387] WEST BRAVO DOME CO2 GAS	Apr	0	0	0	30	824	0	0	0	0
2015	[96387] WEST BRAVO DOME CO2 GAS	May	0	0	0	31	549	0	0	0	778
2015	[96387] WEST BRAVO DOME CO2 GAS	Jun	0	0	0	30	1033	0	0	0	663
2015	[96387] WEST BRAVO DOME CO2 GAS	Jul	0	0	0	31	506	0	0	0	359
2015	[96387] WEST BRAVO DOME CO2 GAS	Aug	0	0	0	31	1009	0	0	0	1078
2015	[96387] WEST BRAVO DOME CO2 GAS	Sep	0	0	0	30	561	0	0	0	417
2015	[96387] WEST BRAVO DOME CO2 GAS	Oct	0	0	0	31	1685	0	0	0	951
2015	[96387] WEST BRAVO DOME CO2 GAS	Nov	0	0	0	30	337	0	0	0	0
2015	[96387] WEST BRAVO DOME CO2 GAS	Dec	0	0	0	31	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	31	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	29	259	0	0	0	100
2016	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Apr	0	0	0	30	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	May	0	0	0	31	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Jun	0	0	0	30	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Jul	0	0	0	31	0	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Aug	0	0	0	31	2059	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Sep	0	0	0	30	1399	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Oct	0	0	0	31	770	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Nov	0	0	0	30	324	0	0	0	0
2016	[96387] WEST BRAVO DOME CO2 GAS	Dec	0	0	0	31	0	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	31	1198	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	28	804	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	904	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Apr	0	0	0	30	698	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	May	0	0	0	31	484	0	0	0	209
2017	[96387] WEST BRAVO DOME CO2 GAS	Jun	0	0	0	30	598	0	0	0	264
2017	[96387] WEST BRAVO DOME CO2 GAS	Jul	0	0	0	31	620	0	0	0	264
2017	[96387] WEST BRAVO DOME CO2 GAS	Aug	0	0	0	31	571	0	0	0	66
2017	[96387] WEST BRAVO DOME CO2 GAS	Sep	0	0	0	30	924	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Oct	0	0	0	31	0	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Nov	0	0	0	30	0	0	0	0	0
2017	[96387] WEST BRAVO DOME CO2 GAS	Dec	0	0	0	31	0	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	31	0	0	0	0	0

2018	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	28	0	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	120	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Apr	0	0	0	30	120	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	May	0	0	0	31	120	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Jun	0	0	0	30	120	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Jul	0	0	0	31	120	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Aug	0	0	0	31	607	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Sep	0	0	0	30	0	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Oct	0	0	0	31	442	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Nov	0	0	0	30	74	0	0	0	0
2018	[96387] WEST BRAVO DOME CO2 GAS	Dec	0	0	0	31	712	0	0	0	0
2019	[96387] WEST BRAVO DOME CO2 GAS	Jan	0	0	0	31	109	0	0	0	0
2019	[96387] WEST BRAVO DOME CO2 GAS	Feb	0	0	0	28	0	0	0	0	0
2019	[96387] WEST BRAVO DOME CO2 GAS	Mar	0	0	0	31	140	0	0	0	0
2019	[98148] SWD;TUBB	Mar	0	0	0	31	140	0	0	0	0
2019	[98148] SWD;TUBB	Apr	0	0	0	30	0	0	0	0	0
2019	[98148] SWD;TUBB	May	0	0	0	31	76	0	0	0	0
2019	[98148] SWD;TUBB	Jun	0	0	0	30	197	0	0	0	0
2019	[98148] SWD;TUBB	Jul	0	0	0	31	35	0	0	0	0
2019	[98148] SWD;TUBB	Aug	0	0	0	31	33	0	0	0	0
2019	[98148] SWD;TUBB	Sep	0	0	0	30	80	0	0	0	0
2019	[98148] SWD;TUBB	Oct	0	0	0	31	25	0	0	0	0
2019	[98148] SWD;TUBB	Nov	0	0	0	30	75	0	0	0	0
2019	[98148] SWD;TUBB	Dec	0	0	0	31	77	0	0	0	0
2020	[98148] SWD;TUBB	Jan	0	0	0	31	117	0	0	0	0
2020	[98148] SWD;TUBB	Feb	0	0	0	29	88	0	0	0	0
2020	[98148] SWD;TUBB	Mar	0	0	0	31	54	0	0	0	0
2020	[98148] SWD;TUBB	Apr	0	0	0	30	24	0	0	0	0
2020	[98148] SWD;TUBB	May	0	0	0	31	0	0	0	0	0
2020	[98148] SWD;TUBB	Jun	0	0	0	30	117	0	0	0	0
2020	[98148] SWD;TUBB	Jul	0	0	0	31	316	0	0	0	0
2020	[98148] SWD;TUBB	Aug	0	0	0	31	412	0	0	0	0
2020	[98148] SWD;TUBB	Sep	0	0	0	30	71	0	0	0	0
2020	[98148] SWD;TUBB	Oct	0	0	0	31	22	0	0	0	0
2020	[98148] SWD;TUBB	Nov	0	0	0	30	10	0	0	0	0
2020	[98148] SWD;TUBB	Dec	0	0	0	31	37	0	0	0	0
2021	[98148] SWD;TUBB	Jan	0	0	0	31	59	0	0	0	0
2021	[98148] SWD;TUBB	Feb	0	0	0	28	29	0	0	0	0
2021	[98148] SWD;TUBB	Mar	0	0	0	31	23	0	0	0	0
2021	[98148] SWD;TUBB	Apr	0	0	0	30	28	0	0	0	0
2021	[98148] SWD;TUBB	May	0	0	0	31	38	0	0	0	0
2021	[98148] SWD;TUBB	Jun	0	0	0	30	44	0	0	0	0
2021	[98148] SWD;TUBB	Jul	0	0	0	31	44	0	0	0	0
2021	[98148] SWD;TUBB	Aug	0	0	0	31	41	0	0	0	0
2021	[98148] SWD;TUBB	Sep	0	0	0	30	93	0	0	0	0
2021	[98148] SWD;TUBB	Oct	0	0	0	31	193	0	0	0	0
2021	[98148] SWD;TUBB	Nov	0	0	0	30	31	0	0	0	0
2021	[98148] SWD;TUBB	Dec	0	0	0	31	31	0	0	0	0
2022	[98148] SWD;TUBB	Jan	0	0	0	31	100	0	0	0	0
2022	[98148] SWD;TUBB	Feb	0	0	0	28	1384	0	0	0	0
2022	[98148] SWD;TUBB	Mar	0	0	0	31	808	0	0	0	0
2022	[98148] SWD;TUBB	Apr	0	0	0	30	1147	0	0	0	0
2022	[98148] SWD;TUBB	May	0	0	0	31	1762	0	0	0	0
2022	[98148] SWD;TUBB	Jun	0	0	0	30	1404	0	0	0	0
2022	[98148] SWD;TUBB	Jul	0	0	0	31	2240	0	0	0	0
2022	[98148] SWD;TUBB	Aug	0	0	0	31	1757	0	0	0	0
2022	[98148] SWD;TUBB	Sep	0	0	0	30	1768	0	0	0	0
2022	[98148] SWD;TUBB	Oct	0	0	0	31	1222	0	0	0	0
2022	[98148] SWD;TUBB	Nov	0	0	0	0	0	0	0	0	0
2022	[98148] SWD;TUBB	Dec	0	0	0	0	0	0	0	0	0
2023	[98148] SWD;TUBB	Jan	0	0	0	0	0	0	0	0	0
2023	[98148] SWD;TUBB	Feb	0	0	0	0	0	0	0	0	0

WEST BRAVO DOME UNIT SWD #271
30-021-20540 – NOI STEP RATE TEST

1. Proposed Procedure for step rate test:

- MIRU pump truck and step-rate testing equipment. Tie into tbg/swab valve.
- RU wireline and RIH with temperature and pressure monitoring equipment, gathering fluid gradient data. Set gauge as close to mid-perf depth (1750').
- Pump fixed-rate test with the following time and rate schedule, monitoring and collecting pressure data.

Pump Schedule	bpm	Psi, surf	Psi, BH	Duration, min	Total Volume, bbls	Cum'l Volume
Step 0	0			60	0	0
Step 1	0.25			60	15	15
Step 2	0.4			60	24	39
Step 3	0.5			60	30	69
Step 4	0.6			60	36	105
Step 5	0.7			60	42	147
Step 6	0.9			60	54	201
Step 7	1.2			60	72	273
Step 8	1.5			60	90	363

- POOH with monitoring equipment and RD pump truck and WL.

2. Description of equipment for measurement and data recording: Spartek System - Sapphire Pressure Gauge - SS2300 Series

3. Summary of well treatments and pressures especially any past shut-in pressures

- 2012 – Drilled and completed well in the Tubb formation
- 2012 – Step rate test completed showing bottom hole intercept at 1,093 BPD and 2,251.8 psia (surface intercept at 1,236 psia)
- 2019 – MIT
- 2021 – Abandoned the Tubb formation and recompleted in the Yeso formation
- 2023 – tubing leak; changed packer, replaced tubing with 2-7/8" TK-15XT IPC, and ran successful mechanical integrity pressure test chart

4. Wellbore diagram is attached.

5. Summary of Injection Volumes for last 5-years is attached.

Additional Information Requested:

1. Wellhead and X-tree ratings and specifications of the well

DEMCO 3705 WOG AL BRZ 955 2 ½" with 2" 1500 B-16 S/40 flanged connection

Wellhead and X-tree are all minimum Class 900# flanges which means they are rated for 2160 psi

2. Max surface pressure proposed for the test. 48 hrs. shut-in prior to starting the test.

Based on prior step rate tests in the area, surface pressure is estimated to not exceed 1700 psi

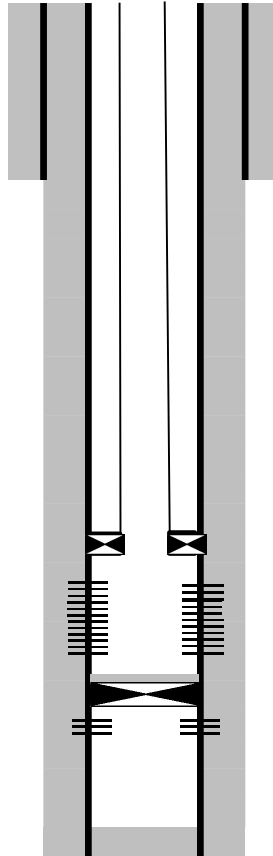
Well will have been shut in for 8+ months prior to starting the test (shut in since October 2022)

OXY USA Inc. - Current Wellbore
West Bravo Dome Unit SWD #271
API No. 30-021-20540

47 joints of 2 7/8" TK-15XT IPC Tubing

Packer set @ 1562'

Perfs 1600' - 1900'



Spud 07/06/2012

12-1/4" hole @ 776'
8-5/8"24# csg @ 776'
w/ 415sx-TOC-Surf-Circ.

7-7/8" hole @ 2221' MD
5-1/2" 15.5# csg @ 2221'
w/ 332sx - TOC-Surf-Circ.

CIBP Set @ 1970' w/ 20' cement
Perfs 2004' - 2115'

PBTD - 2221'

District I
1625 N. French Dr., Hobbs, NM 88240
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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

CONDITIONS

Action 225630

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 225630
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Maximum testing pressure shouldn't exceed well operation pressure envelop.	6/9/2023