Submit 1 Copy To Appropriate District 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

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-021-20519
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Bravo Dome 2132
1. Type of Well: Oil Well ☐ Gas Well ☒ Other CO2
8. Well Number 031
2. Name of Operator: Oxy USA Inc.
9. OGRID Number 16696
3. Address of Operator: PO Box 4294, Houston TX. 77210
10. Pool name or Wildcat: Bravo Dome 640
4. Well Location
Unit Letter G : 1700 feet from the North line and 1700 feet from the EAST line
Section 3 Township 21N Range 32E NMPM County Harding
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4893.2 GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☒	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☒		
DOWNHOLE COMMINGLE	☐						
OTHER:	☐			OTHER:	☐		

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.

See Attached

Spud Date: 7/19/11 Rig Release Date: 7/22/11

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

SIGNATURE L. Lockett TITLE Reg. Analyst DATE 3/28/12

Type or print name L. Kiki Lockett E-mail address: Kiki_lockett@oxy.com PHONE: 713-215-7643

For State Use Only

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/3/2012

Conditions of Approval (if any):

OXY USA INC

Casing Report

Well:	BRAVO DOME UNIT 2132 031G	Event Name:	DEV DRILLING	Report Date:	7/22/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	3
Site:	BRAVO DOME C02 UNIT	Start Date:	7/18/2011	Wellbore:	00
Active Datum: Original KB @4,900.20ft (above Mean Sea Level)		End Date:	7/22/2011		

Assembly

Assembly Name:	PRODUCTION CASING	Weight in Slips:	
Nom. Size:	5.500 (in)	Hours Circ:	2.00 (hr)
Top MD:	12.00 (ft)	Fluid Lost:	
Landed MD:	2,302.00 (ft)	Vol Fluid Lost:	
Assembly Length:	2,290.00 (ft)		
Liner Overlap:			

Casing Flange

Manufacturer:	CAMERON
Model:	CIW "F"
Hanger Model:	CIW DCBS
Packoff Model:	CIW P SINGLE
Top Flange Size/Rating:	5.500 (in)/2000 (psi)
Btm Flange Size/Rating:	11.000 (in)/2000 (psi)

Status History

7/21/2011	INSTALLED

[redacted]

Component Name	Jts	Length (ft)		Btm MD (ft)	Nominal OD (in)	Nominal ID (in)	Drift ID (in)	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
LANDING JOINT	1	17.16	12	29.16	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
	73	2,095.86	29	2,125.02	5.500	4.950	4.825	5.40	J-55	LTC	NATIONAL OILWELL			NEW
CASING JOINT(S)	4	165.98	2125	2,291.00	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
SHOE JOINT	1	10.00	2291	2,301.00	5.500	4.950	4.825	15.50	J-55	STC	LONE STAR STEEL			NEW
FLOAT SHOE	1	1.00	2301	2,302.00	5.500	4.900	4.825	15.50	J-55	8RD	HALLIBURTON			NEW

Jewelry

Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	23		55.00	2,280.00	FLOATING

Remarks

VERY GOOD CASING & CEMENT JOB. CIRCULATED 100 BBLS. GOOD CEMENT TO SURFACE

OXY USA INC

Casing Report

Well:	BRAVO DOME UNIT 2132 031G	Event Name:	DEV DRILLING	Report Date:	7/22/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	3
Site:	BRAVO DOME C02 UNIT	Start Date:	7/18/2011	Wellbore:	00
Active Datum: Original KB @4,900.20ft (above Mean Sea Level)		End Date:	7/22/2011		

Assembly

Assembly Name:	PRODUCTION CASING	Weight in Slips:	
Nom. Size:	5.500 (in)	Hours Circ:	2.00 (hr)
Top MD:	12.00 (ft)	Fluid Lost:	
Landed MD:	2,302.00 (ft)	Vol Fluid Lost:	
Assembly Length:	2,290.00 (ft)		
Liner Overlap:			

Casing Flange

Manufacturer:	CAMERON
Model:	CIW "F"
Hanger Model:	CIW DCBS
Packoff Model:	CIW P SINGLE
Top Flange Size/Rating:	5.500 (in)/2000 (psi)
Btm Flange Size/Rating:	11.000 (in)/2000 (psi)

Status History

7/21/2011	INSTALLED

Component Name	Jts	Length (ft)		Btm MD (ft)	Nominal OD (in)	Nominal ID (in)	Drift ID (in)	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
LANDING JOINT	1	17.16	12	29.16	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
	73	2,095.86	29	2,125.02	5.500	4.950	4.825	5.40	J-55	LTC	NATIONAL OILWELL			NEW
CASING JOINT(S)	4	165.98	2125	2,291.00	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
SHOE JOINT	1	10.00	2291	2,301.00	5.500	4.950	4.825	15.50	J-55	STC	LONE STAR STEEL			NEW
FLOAT SHOE	1	1.00	2301	2,302.00	5.500	4.900	4.825	15.50	J-55	8RD	HALLIBURTON			NEW

Jewelry

Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	23		55.00	2,280.00	FLOATING

Remarks

VERY GOOD CASING & CEMENT JOB. CIRCULATED 100 BBLS. GOOD CEMENT TO SURFACE

OXY USA INC

Casing Report

Well:	BRAVO DOME UNIT 2132 031G	Event Name:	DEV DRILLING	Report Date:	7/19/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	1
Site:	BRAVO DOME C02 UNIT	Start Date:	7/18/2011	Wellbore:	00
Active Datum: Original KB @4,900.20ft (above Mean Sea Level)		End Date:	7/22/2011		

Assembly

Assembly Name:	SURFACE CASING	Weight in Slips:	
Nom. Size:	8.625 (in)	Hours Circ:	2.00 (hr)
Top MD:	12.00 (ft)	Fluid Lost:	
Landed MD:	786.75 (ft)	Vol Fluid Lost:	
Assembly Length:	774.75 (ft)		
Liner Overlap:			

Casing Flange

Manufacturer:	CAMERON
Model:	CIW "F"
Hanger Model:	
Packoff Model:	
Top Flange Size/Rating:	11.000 (in)/2000 (psi)
Btm Flange Size/Rating:	11.000 (in)/2000 (psi)

Status History

7/19/2011	INSTALLED

[redacted]

Component Name	Jts	Length (ft)		Btm MD (ft)	Nominal OD (in)	Nominal ID (in)	Drift ID (in)	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
CASING JOINT(S)	18	730.57	12	742.57	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW
INSERT FLOAT	1	0.00	743	742.57	8.625	8.097	7.972	24.00	J-55	8RD	HALLIBURTON			NEW
SHOE JOINT	1	43.43	743	786.00	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW
TEXAS PATTERN SHOE	1	0.75	786	786.75	8.625	8.097	7.972	24.00	J-55	8RD	HALLIBURTON			NEW

Jewelry

Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	6	172.00	55.00	740.00	FLOATING

Remarks

VERY GOOD CASING & CEMENT JOB. CIRC. 37 BBLS. GOOD CEMENT TO SURFACE

OXY USA INC

PRIMARY Cementing Report

Well:	BRAVO DOME UNIT 2132 031G	Event Name:	DEV DRILLING	Report Date:	7/22/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	2
Site:	BRAVO DOME C02 UNIT	Start Date:	7/18/2011	Wellbore:	00
Active Datum:	Original KB @4,900.20ft (above Mean Sea Level)	End Date:	7/22/2011		

General Job Information

Contractor:	HALLIBURTON	**Cemented Assembly:**	PRODUCTION CASING		
WOC Time:		**Assembly Size:**	5.500 (in)	Actual TOC MD:	12.00 (ft)
Foam Cement:	N	**Assembly Btm MD:**	2302 (ft)	TOC Locate Method:	Cmt Returns at Surf
Not Ready tc	N	**Assembly Set Date:**	07/22/2011	Total Slurry in Well:	
Static BHT:		**Hole Size:**	7.875 (in)	Excess Slurry Volume:	223.1 (bbl)
Returns:	Full	Volume Lost:	0.0 (bbl)	Est Cmt Vol Returns to Surf:	104.0 (bbl)

Pipe Movement - No Movement

Rotating			Reciprocating	
Rotating Start:	**Init Rot. Torque:** (ft-lbf)		**Reciprocate Start:**	**Stroke Length:**
Rotating End:	**Avg Rot. Torq.:**		**Reciprocate End:**	**Drag Wt. Up:**
Rotating RPM:	**Max Rot. Torq.:**		**Reciprocate SPM:**	**Drag Wt. Down:**

Stage 1 - Primary — 12 - 2,302 ft

CTU Used:	Top Plug Used:	Annular Flow:	Press. Prior to Bump:
Circulate Prior:	Bottom Plug Used:	Ann Press Held:	Bump Press.:
Circulate Flow Rate:	Bumped Plug:	Float Held:	Press. Over Pumping:
Circulate Press:	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held:

FRESH WATER

Pumping Start:	08:03	Slurry Type:	SPACER	Total Slurry Volume:	0.0 (bbl)	Slurry Top MD:	
Pumping End:	08:05	Class:		Excess Slurry Percent:		Slurry Btm MD:	
Rate:	5.50 (bbl/min)	Density:	8.33 (ppg)	Excess Measured By:		Total Water Vol Used:	0.0 (bbl)
Foam Job:		Yield:		Mix Water Ratio:		Actual Sacks Used:	
				Mix Method:			

LEAD CEMENT

Pumping Start:	08:06	Slurry Type:	CEMENT	Total Slurry Volume:	173.7 (bbl)	Slurry Top MD:	
Pumping End:	08:38	Class:	PREM PLUS	Excess Slurry Percent:	100.00 (%)	Slurry Btm MD:	
Rate:	6.00 (bbl/min)	Density:	11.10 (ppg)	Excess Measured By:		Total Water Vol Used:	146.0 (bbl)
Foam Job:		Yield:	3.2500 (ft^3/sk)	Mix Water Ratio:	20.440 (gal/sk94)	Actual Sacks Used:	300
				Mix Method:			

Additive Name	Additive Type	Additive Conc.	Additive Amount
CALC2	ACCELERATOR	2.000 % BWOC	14.00 Sacks
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	88.00 lbs

TAIL CEMENT

Pumping Start:	08:39	Slurry Type:	CEMENT	Total Slurry Volume:	49.4 (bbl)	Slurry Top MD:	
Pumping End:	08:53	Class:	PREM PLUS	Excess Slurry Percent:	100.00 (%)	Slurry Btm MD:	
Rate:	6.00 (bbl/min)	Density:	13.20 (ppg)	Excess Measured By:		Total Water Vol Used:	35.5 (bbl)
Foam Job:		Yield:	1.8500 (ft^3/sk)	Mix Water Ratio:	9.950 (gal/sk94)	Actual Sacks Used:	150
				Mix Method:			

Additive Name	Additive Type	Additive Conc.	Additive Amount
CALC2	ACCELERATOR	2.000 % BWOC	6.00 Sacks
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	38.00 lbs

FRESH WATER

Pumping Start:	08:54	Slurry Type:	DISPLACEMENT	Total Slurry Volume:	0.0 (bbl)	Slurry Top MD:	
Pumping End:	09:03	Class:		Excess Slurry Percent:		Slurry Btm MD:	
Rate:	6.00 (bbl/min)	Density:	8.33 (ppg)	Excess Measured By:		Total Water Vol Used:	0.0 (bbl)
Foam Job:		Yield:		Mix Water Ratio:		Actual Sacks Used:	
				Mix Method:			

OXY USA INC

PRIMARY Cementing Report

Well:	BRAVO DOME UNIT 2132 031G	Event Name:	DEV DRILLING	Report Date:	7/19/2011
Project:	BRAVO DOME	Prim. Reason:	ORIG DRILL VERT	Report No.:	1
Site:	BRAVO DOME C02 UNIT	Start Date:	7/18/2011	Wellbore:	00
Active Datum:	Original KB @4,900.20ft (above Mean Sea Level)	End Date:	7/22/2011		

General Job Information

Contractor:	HALLIBURTON	**Cemented Assembly:**	SURFACE CASING		
WOC Time:	4.00 (hr)	**Assembly Size:**	8.625 (in)	Actual TOC MD:	12.00 (ft)
Foam Cement:	N	**Assembly Btm MD:**	787 (ft)	TOC Locate Method:	Cmt Returns at Surf
Not Ready tc	N	**Assembly Set Date:**	07/19/2011	Total Slurry in Well:	120.2 (bbl)
Static BHT:	180 (°F)	**Hole Size:**	12.250 (in)	Excess Slurry Volume:	120.2 (bbl)
Returns:	Full	Volume Lost:	0.0 (bbl)	Est Cmt Vol Returns to Surf:	37.0 (bbl)

Pipe Movement - Reciprocating

Rotating			Reciprocating	
Rotating Start:	**Init Rot. Torque:** (ft-lbf)		**Reciprocate Start:**	**Stroke Length:**
Rotating End:	**Avg Rot. Torq.:**		**Reciprocate End:**	**Drag Wt. Up:**
Rotating RPM:	**Max Rot. Torq.:**		**Reciprocate SPM:**	**Drag Wt. Down:**

Stage 1 - Primary — 12 - 786 ft

CTU Used:		Top Plug Used:	Y	Annular Flow:		Press. Prior to Bump:	120 (psi)
Circulate Prior:	1.00 (hr)	Bottom Plug Used:		Ann Press Held:		Bump Press.:	518 (psi)
Circulate Flow Rate:	400.0 (gpm)	Bumped Plug:		Float Held:	Y	Press. Over Pumping:	1018 (psi)
Circulate Press:	250 (psi)	Plug Catcher Used:		Pill Spotted Below Plug:		Duration Press. Held:	5.0 (min)

FRESH WATER

Pumping Start:	22:05	Slurry Type:	SPACER	Total Slurry Volume:	0.0 (bbl)	Slurry Top MD:	
Pumping End:	22:08	Class:	C	Excess Slurry Percent:	100.00 (%)	Slurry Btm MD:	
Rate:	5.00 (bbl/min)	Density:	8.33 (ppg)	Excess Measured By:	Fluid Caliper	Total Water Vol Used:	0.0 (bbl)
Foam Job:		Yield:	1.0000 (ft^3/sk)	Mix Water Ratio:	20.000 (gal/sk94)	Actual Sacks Used:	
				Mix Method:			

LEAD CEMENT

Pumping Start:	22:09	Slurry Type:	CEMENT	Total Slurry Volume:	120.2 (bbl)	Slurry Top MD:	
Pumping End:	22:32	Class:	C	Excess Slurry Percent:	100.00 (%)	Slurry Btm MD:	
Rate:	5.50 (bbl/min)	Density:	14.80 (ppg)	Excess Measured By:	Fluid Caliper	Total Water Vol Used:	75.6 (bbl)
Foam Job:		Yield:	1.3500 (ft^3/sk)	Mix Water Ratio:	6.350 (gal/sk94)	Actual Sacks Used:	500
				Mix Method:	Tub/Hopper		

FRESH WATER

Pumping Start:	22:33	Slurry Type:	DISPLACEMENT	Total Slurry Volume:	0.0 (bbl)	Slurry Top MD:	
Pumping End:	22:45	Class:		Excess Slurry Percent:		Slurry Btm MD:	
Rate:	5.00 (bbl/min)	Density:	8.33 (ppg)	Excess Measured By:		Total Water Vol Used:	0.0 (bbl)
Foam Job:		Yield:		Mix Water Ratio:		Actual Sacks Used:	
				Mix Method:			

Remarks

VERY GOOD CASING & CEMENT JOB. CIRCULATED 37 BBLS. GOOD CEMENT TO SURFACE