

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

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.)		WELL API NO. 30-059-20524
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other CO₂		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Oxy USA Inc.		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 4294, Houston TX 77210		7. Lease Name or Unit Agreement Name Bravo Dome 1935
4. Well Location Unit Letter K : 1700' feet from the South line and 1700' feet from the West line Section 15 Township 19N Range 35E NMPM County UNION		8. Well Number 152
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4520.2		9. OGRID Number 16696
		10. Pool name or Wildcat Bravo Dome 640

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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:

6/30/11

Rig Release Date:

7/5/11

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 **3/20/12**
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 **8/29/2012**
Conditions of Approval (if any):

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 7/1/2011

End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
1	06/30/2011	00:00 - 06:00	6.00	SHUT DOWN FOR NIGHT, RIG UP TRUCKS & CREWS ON LOCATION AT 6:00 AM TO BEGIN RIGGING UP RIG # 208.
		06:00 - 12:00	6.00	PRE JSM AND RIG UP DSM TRAILER AND TOOL PUSHER SHACK. (TANDEM AND RIG UP TRUCKS DELAY DUE TO KANSAS DOT) RIG UP TRUCK ARRIVED AT NOON.
		12:00 - 16:00	4.00	HELD PRE JOB SAFETY MEETING WITH RIG CREWS, AND TRUCK DRIVERS. START RIG UP
		16:00 - 20:00	4.00	FILLING STEEL PIT, RIGGING UP TO SPUD, STRAP & P/U 12 1/4" BHA, AS FOLLOWS: PICK UP BHA AS FOLLOWS BIT - 12.25" SMITH FG04, SERIAL # PS55405 8" DRILL COLLAR X-OVER 18 - 6" DC MIX SPUD MUD, HOLD PJSM & SPUD MEETING. NOTIFIED ED MARTIN WITH NMOCD OF INTENT TO SPUD @ 1930
		20:00 - 23:00	3.00	SPUDED 12 1/4" HOLE @ 2230 DRILLED 12 1/4" HOLE FROM 0' TO 48'; ROP = 96 DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION CIRCULATE THROUGH STEEL PITS WOB = 65 KLBS ROTARY = 148 RPM PUMP RATE = 328 GPM (60 SPM) PUMP PRESSURE = 760 PSI TORQUE ON BOTTOM: 2000 TORQUE OFF BOTTOM: 1000
		23:00 - 00:00	1.00	DRILLED 12 1/4" HOLE FROM 48' TO 146'; ROP = 98 DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION CIRCULATE THROUGH STEEL PITS WOB = 65 KLBS ROTARY = 148 RPM PUMP RATE = 328 GPM (60 SPM) PUMP PRESSURE = 800 PSI TORQUE ON BOTTOM: 2000 TORQUE OFF BOTTOM: 1000
2	07/01/2011	00:00 - 04:00	4.00	DRILLED 12 1/4" HOLE FROM 146 TO 445'; ROP = 74.75 DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION CIRCULATE THROUGH RESERVE PITS WOB = 65 KLBS ROTARY = 120 RPM PUMP RATE = 328 GPM (60 SPM) PUMP PRESSURE = 800 PSI TORQUE ON BOTTOM: 2000 TORQUE OFF BOTTOM: 1000

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 7/1/2011

End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
		04:00 - 06:00	2.00	<p>DRILLED 12 1/4" HOLE FROM 445' TO 492'; ROP = 23.5</p> <p>RUN WIRELINE SURVEY @ 492' = 0.5 DEGREE,</p> <p>DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION</p> <p>CIRCULATE THROUGH RESERVE PITS</p> <p>WOB = 65 KLBS ROTARY = 120 RPM PUMP RATE = 328 GPM (60 SPM) PUMP PRESSURE = 800 PSI TORQUE ON BOTTOM: 2000 TORQUE OFF BOTTOM: 1000</p>
		06:00 - 11:30	5.50	<p>DRILLED 12 1/4" HOLE FROM 492' TO 805'; ROP = 56.9</p> <p>DROP SOAP STICK EVERY CONNECTION AND 1 SWEEP STICK EVERY OTHER CONNECTION</p> <p>CIRCULATE THROUGH RESERVE PITS</p> <p>WOB = 65 KLBS ROTARY = 148 RPM PUMP RATE = 328 GPM (60 SPM) PUMP PRESSURE = 800 PSI TORQUE ON BOTTOM: 2000 TORQUE OFF BOTTOM: 1000</p> <p>7:00 PRE-TOUR SAFETY MEETING ON DRILLING - MAKING CONNECTIONS. J.S.A. REVIEWED. WATCH PINCH POINTS. HAVE GOOD COMMUNICATION. USE PROPER LIFTING TECHNIQUES WHEN PULLING AND SETTING SLIPS.</p>
		11:30 - 12:00	0.50	<p>CIRC 2 BOTTOMS UP BEFORE TRIP TO RUN 8 5/8 SURFACE</p> <p>HOLE CLEAN</p> <p>SAFETY BREAK: DISCUSSED TRIPPING OUT OF THE HOLE, PINCH POINTS, BUFFER ZONES, AND STAYING HYDRATED</p> <p>12:00 PRE-JOB SAFETY MEETING ON TRIPPING PIPE OUT OF THE HOLE. J.S.A. REVIEWED. WATCH PINCH POINTS. HAVE GOOD COMMUNICATION. WORK AT A STEADY PACE. DON'T GET IN A HURRY. IF SOMETHING DOESN'T LOOK RIGHT, STOP THE JOB SO IT CAN BE TALKED ABOUT. STAY HYDRATED.</p>
		12:00 - 14:00	2.00	<p>RUN SURVEY AT 805'</p> <p>PJSM - T O H TO RUN 8 5/8" SURFACE CASING</p>
		14:00 - 14:30	0.50	<p>PJSM - RIG UP & RUN 20 JTS. 8 5/8", 24#, J-55, ST & C, SURFACE CASING:</p> <p>1 - 8 5/8" TEXAS PATTERN SHOE - .50' 1 - SHOE JOINT 1 - INSERT FLOAT</p> <p>PRE-JOB SAFETY MEETING ON RIGGING UP AND RUNNING CASING. J.S.A. REVIEWED. HAVE GOOD COMMUNICATION. WATCH THE DERRICKMAN AS HE IS CLOSING THE ELEVATORS ONTO THE CASING. WATCH THE HAND SIGNALS. STAY AWARE OF WHATS GOING ON. IF SOMETHING DOESN'T LOOK RIGHT, STOP THE JOB SO WE CAN TALK ABOUT IT.</p>
		14:30 - 16:30	2.00	<p>RUN 20 JTS. 8 5/8", 24#, J-55, ST & C, SURFACE CASING:</p> <p>1 - 8 5/8" TEXAS PATTERN SHOE - .50' 1 - SHOE JOINT 1 - INSERT FLOAT</p>
		16:30 - 17:00	0.50	<p>RIG DOWN CASING EQUIPMENT</p>
		17:00 - 17:30	0.50	<p>PJSM WITH CEMENTERS AND RIG CREW, AND RIG UP THE SAME.</p>

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 7/1/2011

End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op-Details
		17:30 - 19:00	1.50	PUMP A 20 BBL FRESH WATER SPACER - PUMP RATE = 5 BBL/MIN PUMPED 144 BBLS (600 SACKS) OF 14.8 PPG PREMIUM PLUS CEMENT - 2% CaCl ₂ - 0.125 lbm/sk Poly-E-Flake - YIELD: 1.35 CUFT/SACK - PUMP RATE = 5.5 BBL/MIN - PRESSURE = 218 PSI DISPLACED WITH 47 BBLS OF FRESH WATER - PUMP RATE = 5 BBL/MIN - PRESSURE = 273 PSI - FINAL @ 2BPM = 286 PSI BUMPED PLUG @ 18:35 AND PRESSURED UP TO 587 PSI HELD FOR 5 MIN. GOT BACK .5 BBL TO TRUCK FLOATS HELD. FULL RETURNS THROUGHOUT JOB GOT BACK 76 BBL (316 SKS) TO SURFACE.
		19:00 - 23:00	4.00	WOC SLIP AND CUT DRILL LINE BACK OUT LANDING JOINT 5.5" CASING ON LOCATION SAFETY BREAK: PPE
		23:00 - 00:00	1.00	DIG OUT CELLAR
3	07/02/2011	00:00 - 07:00	7.00	FINISH DIGGING OUT CELLAR, INSTALL WELLHEAD & N/U BOP. RU VALVES TO TEST FLANGE
		07:00 - 09:00	2.00	TEST BOP AND WELLHEAD TO 1000 PSI FOR 5 MINUTES
				TEST GOOD
		09:00 - 12:00	3.00	SAFETY MEETING WITH RIG CREW TIH, AND PICK UP BHA - 7 7/8" BIT - BOTTOM HOLE COLLAR WITH FLOAT AND CROWS FOOT - 6 1/2" DRILL COLLARS - 17 (562')
		12:00 - 13:30	1.50	PRESSURE TEST CASING TO 1000 PSI FOR 30 MINUTES TEST GOOD DRILL OUT PLUG AND CEMENT
		13:30 - 14:00	0.50	RIG UP FLOWLINE TO PITS
		14:00 - 18:00	4.00	DRILL 7 7/8" PRODUCTION HOLE FROM 805' - 1027' AVG. ROP = 55.5'/HR WOB = 10-18 KLBS ROTARY = 85 RPM PUMP RATE = 450 GPM (60 SPM) PUMP PRESSURE = 900 PSI SURVEY @ 913' = 2.0 DEGREE NOTE, PARTIAL LOSSES 180 BBLS LOSSES; 45 BBLS/HR. PUMP 10 BBL SWEEPS EVERY 90' AS FOLLOWS: 8 SACKS OF FRESH GEL 8 SACKS OF PAPER 5 SACKS OF CEDAR FIBER SAFETY BREAK: STAYING HYDRATED

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K
 Project: BRAVO DOME
 Site: BRAVO DOME C02 UNIT

Event Name: DEV DRILLING
 Prim. Reason: ORIG DRILL VERT
 Start Date: 7/1/2011
 End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
		18:00 - 22:00	4.00	SAFETY STAND DOWN; DISCUSSED RECENT INCIDENTS, HAND PLACEMENT, LINE OF FIRE AND STOP WORK AUTHORITY DRILL 7 7/8" PRODUCTION HOLE FROM 1027' - 1201' AVG. ROP = 43.5'/HR WOB = 10-18 KLBS ROTARY = 85 RPM PUMP RATE = 450 GPM (60 SPM) PUMP PRESSURE = 850 PSI SURVEY @ 1064' = 1.75 DEGREE PUMP 10 BBL SWEEPS EVERY 90' AS FOLLOWS: 8 SACKS OF FRESH GEL 8 SACKS OF PAPER 5 SACKS OF CEDAR FIBER
		22:00 - 00:00	2.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1201' - 1276' AVG. ROP = 37.5'/HR WOB = 14-20 KLBS ROTARY = 85 RPM PUMP RATE = 450 GPM (60 SPM) PUMP PRESSURE = 850 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE
4	07/03/2011	00:00 - 01:30	1.50	SURVEY AND SERVICE RIG SURVEY @ 1246' CAME BACK AT 5.0 DEGREES RE-RAN SURVEY = 3.0 @ 1276
		01:30 - 04:30	3.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1276' - 1367' AVG. ROP = 30'/HR WOB = 10-15 KLBS ROTARY = 110 RPM PUMP RATE = 315 GPM (60 SPM) PUMP PRESSURE = 850 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE
		04:30 - 06:00	1.50	PUMP 10 BBL SWEEP AND RUN SURVEY AT 1337' SURVEY = 5 @ 1337; MISFIRE RE-RUN SURVEY = 3
		06:00 - 08:00	2.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1367' - 1402' AVG. ROP = 18'/HR WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (60 SPM) PUMP PRESSURE = 850 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K
 Project: BRAVO DOME
 Site: BRAVO DOME C02 UNIT

Event Name: DEV DRILLING
 Prim. Reason: ORIG DRILL VERT
 Start Date: 7/1/2011
 End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op-Details
		08:00 - 09:00	1.00	GENERATOR SHUT DOWN AND SMELLED AS IF SOMETHING MAY HAD BURNED UP. SPOKE TO FIELD SUPERINTENDENT ABOUT TRIPPING UP INTO THE CASING UNTIL WE COULD GET ANOTHER ONE OUT HERE DUE TO THE FACT THAT WE DO NOT HAVE 2 GENERATORS. TRIP OUT OF THE HOLE FROM 1402' TO 767' WITH NO PROBLEMS. KEEPING HOLE FULL WITH MUD PUMP ON THE 2" SIDE.
		09:00 - 13:00	4.00	WAITING ON ELECTRICIAN AND RENTAL GENERATOR. SAFETY BREAK: DISCUSSED HOUSE KEEPING
		13:00 - 15:30	2.50	WAITING ON ELECTRICIAN AND RENTAL GENERATOR. GENERATOR ARRIVED @ 15:00 HOURS, ELECTRICIAN @ 15:15 PRE TOUR SAFETY MEETING
		15:30 - 18:00	2.50	PJSM WITH ELECTRICIAN, RIG CREW, AND SAFETY MAN ABOUT WIREING UP A RENTAL GENERATOR TO THE LIGHT PLANT WIRE IN A CAT. RENTAL GEN SET TO LIGHT PLANT. SAFETY BREAK: DISCUSSED TRIPPING IN THE HOLE.
		18:00 - 19:00	1.00	TRIPPING IN THE HOLE FROM 768' - 1402', AFTER BEING DOWN FROM GENERATOR PROBLEMS.
		19:00 - 22:30	3.50	TAG BOTTOM AND DRILL 7 7/8" PRODUCTION HOLE FROM 1402' - 1585' AVG. ROP = 52'/HR EVERY CONNECTION, KICK OFF AUTOMATIC DRILLER AND LET WEIGHT DRILL OFF TO +/- 5K AND BACKREAM WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (60 SPM) PUMP PRESSURE = 850 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE
		22:30 - 23:00	0.50	BACKREAM AND PUMP SWEEP BOTTOMS UP TO TAKE SURVEY SURVEY = 3.0 @ 1549'
		23:00 - 00:00	1.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1585' - 1641' AVG. ROP = 56'/HR WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 1000 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE SAFETY BREAK: DISCUSSED RECENT INCIDENT, LANGUAGE BARRIERS
5	07/04/2011	00:00 - 03:00	3.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1641' - 1761' AVG. ROP = 41'/HR WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 7/1/2011

End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
		03:00 - 03:30	0.50	BACKREAM AND PUMP SWEEP BOTTOMS UP TO TAKE SURVEY SURVEY = 3.0 @ 1730'
		03:30 - 06:00	2.50	PIPE STUCK WITH NO LOSSES. ATTEMPTED TO PULL 30K OVER WITH NO SUCCESS. NOTIFIED FIELD SUPERINTENDENT. PUMPED 60 BBLs OF FRESH WATER DOWN THE BACKSIDE AND ATTEMPTED TO PULL UP WITH NO SUCCESS. MIXED 25 BBLs OF DIESEL AND 1 BBL OF PIPELAX AND PUMPED 257 STROKES. WORKED PIPE AND IMMEDIATELY CAME FREE.
		06:00 - 10:00	4.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1761' - 1887' AVG. ROP = 32'/HR WOB = 10-15 KLBS ROTARY = 115 RPM PUMP RATE = GPM (65 SPM) PUMP PRESSURE = 750 PSI PUMP 10 BBL SWEEPS EVERY 90' DRIPPING MF-55 AT FLOW LINE SAFETY BREAK: DISCUSSED MIXING CAUSTIC.
		10:00 - 14:00	4.00	DRILL 7 7/8" PRODUCTION HOLE FROM 1887' - 2050' AVG. ROP = 41'/HR WOB = 28 KLBS ROTARY = 85 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1450 PSI NOTE: IDENTIFIED THE CIMARRON @ 2002' TO 2020' SAFETY BREAK: DISCUSSED STAYING HYDRATED.
		14:00 - 18:30	4.50	DRILL 7 7/8" PRODUCTION HOLE FROM 2050' - 2192' AVG. ROP = 28'/HR WOB = 28 KLBS ROTARY = 75 RPM PUMP RATE = 360 GPM (65 SPM) PUMP PRESSURE = 1100 PSI
		18:30 - 20:30	2.00	SAFETY MEETING WITH RIG CREW ABOUT TOH PUMP SWEEP, PUMP 2 X BOTTOMS UP
		20:30 - 00:00	3.50	DROP SURVEY AND TOH FROM 2192' SURVEY = 1.5 @ 2192'
6	07/05/2011	00:00 - 02:00	2.00	SAFETY MEETING WITH RIG CREW TO RUN CASING RUN 5 1/2" PRODUCTION CASING TO 2328' - GUIDE SHOE - 2177 - 10' SHOE JOINT - 2176 - INSERT FLOAT - - 54 JTS OF 5 1/2" 15.5# J-55 LTC FROM 2166' TO SURFACE

Operation Summary Report

Well: BRAVO DOME UNIT 1935 152K

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 7/1/2011

End Date: 7/5/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
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02:00 - 05:00

3.00 LAND MANDREL
R/U CMT

PUMPED CEMENT JOB AS FOLLOWS:

- 20 BBL FRESH WATER SPACER AT 5 BBL/MIN AND 175 PSI

- 174 BBL OF PREMIUM PLUS MIDCON 2 W/2% CC, LEAD CEMENT

- 11.1 PPG

- YIELD = 3.25 CUFT/SACK

- .25 LBM POLY-E-FLAKE

- PUMP RATE = 5.5 BBL/MIN

- PUMP PRESSURE = 220 PSI

- 49 OF PREMIUM PLUS MIDCON W/2% CC

- 13.2 PPG

- YIELD = 1.85 CUFT/SACK

- .25 LBM POLY-E-FLAKE

- PUMP RATE = 5.5 BBL/MIN

- PUMP PRESSURE = 100 PSI

- DISPLACE WITH 51.5 BBLS OF FRESH WATER

BUMPED PLUG AT 950 PSI

CIRCULATED 76 BBL (132 SKS) TO SURFACE

05:00 - 08:00

3.00 RIG DOWN HALLIBURTON

BACKED OUT LANDING JOINT

NIPPLE DOWN BOP, AND JET PITS.

RELEASE RIG TO THE BDU_ 1935-162K @ 08:00 HOURS

OXY USA INC

Casing Report

Well: BRAVO DOME UNIT 1935 152K	Event Name: DEV DRILLING	Report Date: 7/3/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 7/1/2011	Wellbore: 00
Active Datum: Original KB @4,527.20ft (above Mean Sea Level)	End Date: 7/5/2011	

Assembly	Casing Flange	Status History
Assembly Name: PRODUCTION CASING Nom. Size: 5.500 (in) Top MD: 12.00 (ft) Landed MD: 2,169.99 (ft) Assembly Length: 2,157.99 (ft) Liner Overlap:	Manufacturer: FMC Model: FMC TC Hanger Model: Packoff Model: Top Flange Size/Rating: 6.500 (in)/2000 (psi) Btm Flange Size/Rating:	7/2/2011 INSTALLED

Components														
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
SHOE JOINT	52	2,146.99	12	2,158.99	5.500	4.950	4.825	15.50	J-55	LTC				
INSERT FLOAT	1	0.00	2159	2,158.99	5.500	4.950	4.825	0.00						
SHOE JOINT	1	10.00	2159	2,168.99	5.500	4.950	4.825	15.50	J-55	LTC				
GUIDE SHOE	1	1.00	2169	2,169.99	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			

Jewelry						
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval	How Fixed	
CENTRALIZER	HALLIBURTON	13		0.00	2,192.00	COUPLING

Remarks

OXY-USA INC

Casing Report

Well: BRAVO DOME UNIT 1935 152K	Event Name: DEV DRILLING	Report Date: 7/1/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 7/1/2011	Wellbore: 00
Active Datum: Original KB @4,527.20ft (above Mean Sea Level)	End Date: 7/5/2011	

Assembly	Casing Flange	Status History
Assembly Name: SURFACE CASING Nom. Size: 8.625 (in) Top MD: 12.50 (ft) Landed MD: 70.20 (ft) Assembly Length: 57.70 (ft) Liner Overlap:	Manufacturer: VETCO GRAY Model: VG CWCT Hanger Model: Packoff Model: Top Flange Size/Rating: 11.000 (in)/3000 (psi) Btm Flange Size/Rating:	7/1/2011 INSTALLED

Components														
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)	1	14.00	13	26.50	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			
INSERT FLOAT	1	0.00	27	26.50	8.625	8.097	7.972	24.00	J55	STC	LONE STAR STEEL			
SHOE JOINT	1	42.70	27	69.20	8.625	8.097	7.972	24.00	J-55	STC	HALLIBURTON			
TEXAS PATTERN SHOE	1	1.00	69	70.20	8.625	8.097	7.972	24.00		STC	HALLIBURTON			

Jewelry						
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	6		12.25	784.47	COUPLING

Remarks

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 1935 152K	Event Name: DEV DRILLING	Report Date: 7/5/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 7/1/2011	Wellbore: 00
Active Datum: Original KB @4,527.20ft (above Mean Sea Level)	End Date: 7/5/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: PRODUCTION CASING	Actual TOC MD: 7.00 (ft)
WOC Time:	Assembly Size: 5.500 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 2170 (ft)	
Cement:	Assembly Set Date: 07/03/2011	Total Slurry in Well:
Not Ready to FN	Hole Size: 7.875 (in)	Excess Slurry Volume: 223.1 (bbl)
Static BHT:	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 76.0 (bbl)
Returns: Full		

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 - 2,192 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:

Pumping Start: 03:48	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 03:52	Class:	Excess Slurry Percent:	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.30 (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: 03:52	Slurry Type: CEMENT	Total Slurry Volume: 173.7 (bbl)	Slurry Top MD:
Pumping End: 04:22	Class: PREM PLUS	Excess Slurry Percent: 100.00 (%)	Slurry Btm MD:
Rate: 5.50 (bbl/min)	Density: 11.10 (ppg)	Excess Measured By:	Total Water Vol Used: 146.0 (bbl)
Foam Job:	Yield: 3.2500 (ft/sk)	Mix Water Ratio: 20.440 (gal/sk94)	Actual Sacks Used: 300
		Mix Method:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	2.000 % BWOC	4.00 bbl
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	87.50 lbs

TAIL CEMENT

Pumping Start: 04:22	Slurry Type: CEMENT	Total Slurry Volume: 49.4 (bbl)	Slurry Top MD:
Pumping End: 04:34	Class: PREM PLUS	Excess Slurry Percent: 100.00 (%)	Slurry Btm MD:
Rate: 5.50 (bbl/min)	Density: 13.20 (ppg)	Excess Measured By:	Total Water Vol Used: 35.5 (bbl)
Foam Job:	Yield: 1.8500 (ft/sk)	Mix Water Ratio: 9.950 (gal/sk94)	Actual Sacks Used: 150
		Mix Method:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	2.000 % BWOC	1.00 bbl
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	37.50 lbs

FRESH WATER

Pumping Start: 04:37	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 04:54	Class:	Excess Slurry Percent:	Slurry Btm MD:
Rate: 7.50 (bbl/min)	Density: 8.30 (ppg)	Excess Measured By:	Total Water Vol Used: 0.0 (bbl)
Foam Job:	Yield:	Mix Water Ratio:	Actual Sacks Used:
		Mix Method:	

Remarks

JOB WENT AS PLAN HALLIBURTON DID GOOD JOB, GOOD CREW.

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 1935 152K	Event Name: DEV DRILLING	Report Date: 7/1/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 7/1/2011	Wellbore: .00
Active Datum: Original KB @4,527.20ft (above Mean Sea Level)	End Date: 7/5/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: SURFACE CASING	Actual TOC MD: 7.00 (ft)
WOC Time:	Assembly Size: 8.625 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 70 (ft)	
Cement:	Assembly Set Date: 07/01/2011	Total Slurry in Well:
Not Ready to FN	Hole Size: 12.250 (in)	Excess Slurry Volume: 144.3 (bbl)
Static BHT:	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 76.0 (bbl)
Returns: Full		

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 13 - 784 ft

CTU Used:	Top Plug Used:	Annular Flow:	Press. Prior to Bump:
Circulate Prior: 2.00 (hr)	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: 18:16	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 18:38	Class: C	Excess Slurry Percent: 100.00 (%)	Slurry Btm MD:
Rate: 5.90 (bbl/min)	Density: 8.33 (ppg)	Excess Measured By:	Total Water Vol Used: 0.0 (bbl)
Foam Job:	Yield: 1.3500 (ft ³ /sk)	Mix Water Ratio:	Actual Sacks Used:
		Mix Method:	

CEMENT

Pumping Start: 17:43	Slurry Type: CEMENT	Total Slurry Volume: 144.3 (bbl)	Slurry Top MD:
Pumping End: 18:15	Class: PREM PLUS	Excess Slurry Percent: 100.00 (%)	Slurry Btm MD:
Rate: 5.50 (bbl/min)	Density: 14.80 (ppg)	Excess Measured By:	Total Water Vol Used: 90.7 (bbl)
Foam Job:	Yield: 1.3500 (ft ³ /sk)	Mix Water Ratio: 6.350 (gal/sk94)	Actual Sacks Used: 600
		Mix Method:	

Additive Name	Additive Type	Additive Conc.	Additive Amount
CALC2	ACCELERATOR	2.000 % BWOC	50.00 Sacks
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	150.00 lbs

Remarks

VERY GOOD WITH CREW AND CEMENTING