

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. 30-059-20531
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input 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 2433
4. Well Location Unit Letter G : 1825 feet from the North line and 1702 feet from the EAST line Section 27 Township 24N Range 33E NMPM County UNION		8. Well Number 271
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5287.9		9. OGRID Number 16696
		10. Pool name or Wildcat Bravo Dome 646

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:

8/18/11

Rig Release Date:

8/23/11

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:

3/22/12

Type or print name

L. Kiki Lockett

E-mail address:

kiki-lockett@oxy.com

PHONE:

713-215-7643

For State Use Only

APPROVED BY:

DL Martin

TITLE:

DISTRICT SUPERVISOR

DATE:

8/29/2012

Conditions of Approval (if any):

Operation Summary Report

Well: BRAVO DOME UNIT 2433 271G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/17/2011

End Date: 8/23/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
1	08/17/2011	12:30 - 21:00	8.50	MOVE RIG. 17 LOADS ON LOCATION, SET MUD TANKS. NOTIFIED NMOCD 8/17/2011, 16:20 HRS OF INTENTION TO SPUD
		21:00 - 00:00	3.00	WAIT ON TRUCKS / DAYLIGHT
2	08/18/2011	00:00 - 08:00	8.00	WAITING ON TRUCKS / DAYLIGHT NMOCD NOTIFIED 8/17/2011 AT 16:20 HRS OF INTENTION TO SPUD AND SURFACE CEMENTING PLANS. (TALKED TO ED)
		08:00 - 12:00	4.00	SPOTTING PITS (BLOCKING UP FOR FLUID FLOW), WELDERS WORKING ON MISC RIG MAINT. RIG ON LOCATION 9:30 HRS (FLAT REP ON OLD LOCATION PREV DAY) RIG SPOTTED 10:50 HRS. DERRICK STANDING 11:40 HRS. SAFETY BREAK: RIG CREW, TRUCK CREW, WELDERS, PACHECO, BHA INSPECTOR- TAILBOARDS & TAGLINES, SNAKES, HYDRATION, TIE OFF, SPOTTERS & COMMUNICATIONS. PPE, EMERGENCY PROCEDURES
		12:00 - 16:00	4.00	CONT RU, FILLING RIG TANK WITH FW. TALLY & STRAP BHA, FINISH BHA INSP (LOST 1EA 6" & 1 EA 8" DC). WELDERS MODIFYING PIPE RACKS. RIG INSPECTION. SAFETY BREAK: PINCHED BITS, COMMUNICATION, HEAT, HYDRATION.
		16:00 - 20:00	4.00	DRILL 12.25" SURFACE HOLE FROM GL TO 136' CUT 136' AVG 34' FPH CIRC STEEL PITS TO 175', RET TO RESERVE, 75 RPM, 25K WOB, 435 GPM. 750 PSI PUMP PRES. MW 8.8 VIS 42 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		20:00 - 00:00	4.00	DRILL 12.25" SURFACE HOLE FROM 136 TO 295' CUT 159' AVG 40' FPH CIRC STEEL PITS TO 175', RET TO RESERVE, 75 RPM, 25K WOB, 434 GPM. 750 PSI PUMP PRES. MW 8.6 VIS 42 SAFETY BREAK: JSA MIXING CHEMICALS, MAKING CONNECTIONS DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
3	08/19/2011	00:00 - 04:00	4.00	DRILL 12.25" SURFACE HOLE FROM 295' TO 420' CUT 125' AVG 33' FPH CIRC STEEL PITS TO 175', RET TO RESERVE, 80 RPM, 25K WOB, 434 GPM. 750 PSI PUMP PRES. MW 8.6 VIS 42 SAFETY BREAK: JSA HOUSE KEEPING, PINCH POINTS WIRE LINE SURVEY @ 400' INC 2.5 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		04:00 - 08:00	4.00	DRILL 12.25" SURFACE HOLE FROM 420' TO 615' CUT 195' AVG 49' FPH CIRC STEEL PITS TO 175', RET TO RESERVE, 80 RPM, 30K WOB, 434 GPM. 900 PSI PUMP PRES. MW 8.6 VIS 42 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD. DRILLER NOTICED TDS COCKED IN UNUSUAL ATTITUDE WHILE MAKING CONN. FOUND TWO BROKEN BOLTS. STOPPED JOB, REPLACED BOLTS & DID THOROUGH TDS INSPECTION. SUSPECT TDS WAS DAMAGED FROM SHAKING CAUSED WHILE DRILLING THE DRAGON'S BACK, AN EXTREMELY HARD ROCK FOUND AT HIGH ALTITUDES, PER GEOLOGIST. SAFETY BREAK: OVERHEAD OBJECTS: INSPECTIONS & AWARENESS
		08:00 - 12:00	4.00	DRILL 12.25" SURFACE HOLE FROM 615' TO 722' CUT 107' AVG 27' FPH CIRC STEEL PITS TO 175', RET TO RESERVE, 80 RPM, 35K WOB, 434 GPM. 900 PSI PUMP PRES. MW 8.6 VIS 42 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.

Operation Summary Report

Well: BRAVO DOME UNIT 2433 271G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/17/2011

End Date: 8/23/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
		12:00 - 13:30	1.50	DRILL 12.25" SURFACE HOLE FROM 722' TO 765' CUT 195' AVG 29' FPH CIRC STEEL PITS TO 175', RET TO RESERVE, 80 RPM, 35K WOB, 434 GPM. 950 PSI PUMP PRES. MW 8.8 VIS 40 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		13:30 - 14:00	0.50	PUMP HI VIS SWEEP, CIRC HOLE CLEAN FOR CASING RUN, DRIP TOTCO SAFETY BREAK: GOOD CREW DISCUSSION ON EVENTS OF THE DAY
		14:00 - 16:30	2.50	TRIP OUT LAYING DOWN PIPE. HOLE TOOK PROPER FILL. SURVEY: 765' .75 DEG
		16:30 - 17:30	1.00	STOPPED THE JOB DUE TO LIGHTNING STORM. EXTREME LIGHTNING, BRIEF HIGH WINDS, HEAVY RAIN. SAFETY BREAK: DISCUSSED PERSONNEL POSITIONS DURING ELECTRICAL STORM. CONFIRM ALL COMFORTABLE IN RETURNING TO WORK.
		17:30 - 18:00	0.50	RU CRT, MU TEX PATTERN SHOE ON SHOE JT. SAFETY BREAK: JSA RUNNING CASING.
		18:00 - 19:30	1.50	RUN 8 5/8", J-55, LTC, 24# SURFACE CASING SETTING DEPTH DEPTH TEX SHOE755' 18 JTS CASING 712.5' SHOE JT754' LANDING JT 9' INSERT FLOAT.....712.6' CASING WENT TO BOTTOM WITH NO PROBLEMS
		19:30 - 20:00	0.50	RD CRT, CIRC HOLE SIMOP: SPOT HALLIBURTON, BEGIN RU SAFETY MEETING: AIR EVAC, JSA CEMENTING, CEMENTING CONTINGENCIES
		20:00 - 21:30	1.50	CEMENT 8 5/8" CASING WITH 500 SX PREM PLUS, 2% CACL, .25 LBM POLY-E-FLAKE. FULL RETURNS THRU JOB, CIRC 190 SX (46 BBLS) CEMENT TO SURFACE. BUMPED PLUG AT 21:17HRS.
		21:30 - 00:00	2.50	WAIT 4 HRS ON CEMENT, CLEAN RIG, CLEAN & GRADE BIT, STRAP & CALIPER BHA. BUILD SWEEP MUD.
4	08/20/2011	00:00 - 01:30	1.50	WAIT 4 HRS ON CEMENT, CLEAN RIG, BUILD SWEEP MUD SAFETY BREAK: JSA NU BOPE, TRIPPING PIPE
		01:30 - 04:30	3.00	RD CEMENTING HEAD, LD LANDING JT. INSTALL WELL HEAD. NU BOPE
		04:30 - 05:30	1.00	MU TEST PLUG TO 5.5" CASING JT. TEST BOP TO 250 PSI LO, 1000 PSI HI GOOD TEST
		05:30 - 08:00	2.50	TRIP IN HOLE WITH 7 7/8" PRODUCTION ASSEMBLY, TAG CEMENT AT 711'
		08:00 - 08:30	0.50	TEST CASING TO 1000 PSI FOR 30 MINS. GOOD TEST
		08:30 - 09:30	1.00	DRILL OUT CEMENT WITH REDUCED PARAMETERS, 15K WOB, 50 RPM SAFETY BREAK: COMMUNICATIONS, FALL PROTECTION, 3 PT STAIRS, RUNNING ON LOCATION
		09:30 - 13:30	4.00	DRILL 7 7/8" PROD HOLE F 765' TO 1025', CUT 260', AVG 65 FPH, 25K WOB, 70 RPM, 340 GPM, 1000 PSI PUMP PRES. CIRC RESERVE. MW 8.6 VIS 38 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		13:30 - 15:30	2.00	DRILL 7 7/8" PROD HOLE F 1025' TO 1160', CUT 135', AVG 68 FPH, 25K WOB, 70 RPM, 340 GPM, 1000 PSI PUMP PRES. CIRC RESERVE. MW 8.8 PPG VIS 38 SAFETY BREAK: EXCELLENT DISCUSSION LED BY DRILLER, THOROUGH TALK ON TASKS AT HAND, EXTRA TIME EXPLAINING TO NEW MAN. DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		15:30 - 16:00	0.50	SERVICE RIG, INSPECT TOP DRIVE

Operation Summary Report

Well: BRAVO DOME UNIT 2433 271G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/17/2011

End Date: 8/23/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
		16:00 - 20:00	4.00	DRILL 7 7/8" PROD HOLE F 1160' TO 1418', CUT 258', AVG 65 FPH, 25K WOB, 70 RPM, 340 GPM, 1000 PSI PUMP PRES. CIRC RESERVE. MW 8.7 VIS 40 RAN WIRE LINE SURVEY @ 1248 INC 1.0 DEG DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		20:00 - 00:00	4.00	DRILL 7 7/8" PROD HOLE F 1418' TO 1672', CUT 254', AVG 64' FPH, 25K WOB, 70 RPM, 340 GPM, 1000 PSI PUMP PRES. CIRC STEEL PITS. MW 9.0 VIS 51 RAN WIRE LINE SURVEY @ 1640 INC 0.75 SAFETY BREAK: JSA PINCH POINTS, BAD WEATHER DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
5	08/21/2011	00:00 - 04:00	4.00	DRILL 7 7/8" PROD HOLE F 1672' TO 1912', CUT 240', AVG 60' FPH, 25K WOB, 70 RPM, 340 GPM, 1100 PSI PUMP PRES. CIRC STEEL PITS. MW 9.0 VIS 51 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD. SAFETY BREAK: JSA MIXING CHEMICALS, RIG MAINTENANCE
		04:00 - 07:00	3.00	DRILL 7 7/8" PROD HOLE F 1912' TO 1977', CUT 65', AVG 22' FPH, 35K WOB, 70 RPM, 340 GPM, 1150 PSI PUMP PRES. CIRC STEEL PITS. MW 9.0 VIS 52 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		07:00 - 09:00	2.00	TOH TO CHECK BIT. HOLE TOOK PROPER FILL. NO ISSUES WITH WELLBORE GOT TO LAST 2 DC & HAD TO REPLACE HYD HOSE
		09:00 - 09:30	0.50	REPAIR HYD HOSE
		09:30 - 10:00	0.50	FINISH TOH, CLEAN BIT, EVALUATE, TAKE PICS & SEND IN. BIT LOOKED GOOD, DISCUSSED WITH FS AND DECIDED TO TIH WITH SAME BIT. SURVEY 1975 - 1.5 DEG SAFETY BREAK: SAFETY GLASSES NOT OPTIONAL. WEAR THEM OR HIT THE ROAD. JSA HANDLING DC. TRIPPING PIPE.
		10:00 - 12:00	2.00	TIH. NO WELLBORE ISSUES.
		12:00 - 16:00	4.00	DRILL 7 7/8" PROD HOLE F 1977' TO 2150', CUT 173', AVG 44' FPH, 35K WOB, 70 RPM, 340 GPM, 1150 PSI PUMP PRES. CIRC STEEL PIT TO 2000', RET TO RESERVE ADDING MF55. MW 9.0 VIS 52 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD. SAFETY BREAK: JSA MAKING CONNECTIONS, SAFETY GLASSES, MUD PLANS
		16:00 - 20:00	4.00	DRILL 7 7/8" PROD HOLE F 2150' TO 2341', CUT 191', AVG 48' FPH, 35K WOB, 70 RPM, 340 GPM, 1150 PSI PUMP PRES. CIRC RESERVE PIT TO 2200', RET TO STEEL PIT ADDING MF55. MW 9.1 VIS 38 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		20:00 - 00:00	4.00	DRILL 7 7/8" PROD HOLE F 2341' TO 2508', CUT 167', AVG 42' FPH, 35K WOB, 70 RPM, 340 GPM, 1150 PSI PUMP PRES. CIRC STEEL PIT TO TD, MW 9.3 VIS 38 RAN WIRE LINE SURVEY @ 2370 INC 1.5 DEG DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD. SAFETY BREAK: JSA TRIPPING PIPE, WORKING AT HEIGHTS, MIXING CHEMICALS

Operation Summary Report

Well: BRAVO DOME UNIT 2433 271G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/17/2011

End Date: 8/23/2011

Rig Name: TRINIDAD 208

#	Date	Time Start-End	Hrs	Op Details
6	08/22/2011	00:00 - 04:00	4.00	DRILL 7 7/8" PROD HOLE F 2508' TO 2660', CUT 152', AVG 38' FPH, 35K WOB, 70 RPM, 340 GPM, 1250 PSI PUMP PRES. CIRC STEEL PIT TO TD', MW 9.3 VIS 40 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD. SAFETY BREAK: JSA PINCH POINTS, PROPER PPE IDENTIFIED CIMARRON TOP @ 2555'
		04:00 - 06:30	2.50	DRILL 7 7/8" PROD HOLE F 2660' TO 2775', CUT 115', AVG 46' FPH, 35K WOB, 70 RPM, 340 GPM, 1250 PSI PUMP PRES. CIRC STEEL PIT TO TD', MW 9.2 VIS 40 DROP SOAP STICKS EVERY CONNECTION & PUMP SWEEP AND SWEEP STICK EVERY THIRD.
		06:30 - 08:00	1.50	PUMP HI VIS SWEEP, CIRC HOLE CLEAN, DROP TOTCO
		08:00 - 09:30	1.50	WIPER TRIP TO 1900', TRIPPED F 1977 THE DAY BEFORE. HOLE PULLED TIGHT 2488' TO 2200'.
		09:30 - 10:30	1.00	CIRC BIG CHUNKS RED BED & ANHYDRITE TO SURFACE, CIRCULATED TILL HOLE WAS CLEAN SAFETY BREAK: JSA RACKING PIPE IN BASKETS. EXTRA CARE RACKING COLLARS IN BASKETS
		10:30 - 13:00	2.50	TOH TO RUN CASING, NO WELLBORE ISSUES WITH TRIP.
		13:00 - 14:00	1.00	RU CRT, REMOVE ROTATING RUBBER, MISC RU SAFETY BREAK: JSA RUNNING CASING.
		14:00 - 18:00	4.00	FINISH RUNNING 5.5", 15.5#, J-55, LTC & 5.4# 8RD FIBERGLASS PROD CASING RUN PIPE BOOM JAWS WITH 800-850 PSI HYD PRESS. (700 TO 1000 PSI ALLOWABLE) FIBER GLASS SYSTEMS TECH ON LOCATION FOR DURATION OF JOB. SET DEPTH SET DEPTH GUIDE SHOE.....2767' INSERT FLOAT.....2756' SHOE JT2766' 86 JTS CASING.....2740'
		18:00 - 20:30	2.50	CIRCULATE WHILE WAITING ON HALLIBURTON TO GET TO LOCATION FROM SURFACE JOB ON TRINIDAD 216.
		20:30 - 21:00	0.50	DROP BALL. CIRC & COND HOLE. SIMOP: RU HALLIBURTON SAFETY BREAK: JSA CEMENTING.
		21:00 - 21:30	0.50	FINISH RIG UP HALIBURTON
		21:30 - 23:00	1.50	PUMPED CEMENT JOB AS FOLLOWS 20 BBL FRESH WATER SPACER AT 5.5 BBL/MIN @ 150 PSI 510 SACKS OF PREMIUM W/2% CACL, LEAD CEMENT - 11.1 PPG - YIELD = 3.25 CU FT/SACK - .25 LBM POLY-E-FLAKE 150 SACKS OF PREMIUM W/2% CACL - 13.2 PPG - YIELD = 1.85 CU FT/SACK - .25 LBM POLY-E-FLAKE - DISPLACE WITH 56 BBLs OF FRESH WATER BUMPED PLUG @ 11:05 HRS WITH 990 PSI RETURNED 363 SACKS (210 BBL) TO SURFACE, FLOAT HELD
		23:00 - 23:30	0.50	R/D HALLIBURTON BEGIN RD RIG, CLEAN PITS SAFETY BREAK: JSA RIGGING DOWN.
		23:30 - 00:00	0.50	WOC, 4 HRS FROM PLUG DOWN. CONT RD, CONT CLEANING PITS.
7	08/23/2011	00:00 - 03:00	3.00	WOC, 4 HRS TOTAL WAIT FROM PLUG DOWN. CONT RD, CONT CLEANING PITS. SAFETY BREAK JSA CLEANING PITS.
		03:00 - 06:00	3.00	FINISH RD, RD MUD PUMP & PITS FINISH CLEANING PITS, MISC PROJECTS & GENERAL RIG REPAIR.. RELEASE RIG AT 6:00 HRS 8/23/2011 RIG DOWN COMPLETE 10:30 HRS RIG 100% OFF LOCATION 12:00 HRS.

OXY USA INC

Casing Report

Well: BRAVO DOME UNIT 2433 271G	Event Name: DEV DRILLING	Report Date: 8/20/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/17/2011	Wellbore: 00
Active Datum: Original KB @5,294.90ft (above Mean Sea Level)	End Date: 8/23/2011	

Assembly			Casing Flange			Status History	
Assembly Name: PRODUCTION CASING	Weight in Slips:		Manufacturer: WELLHEAD, INC.			8/22/2011	INSTALLED
Nom. Size: 5.500 (in)	Hours Circ:		Model:				
Top MD: 7.00 (ft)	Fluid Lost:		Hanger Model:				
Landed MD: 2,767.40 (ft)	Vol Fluid Lost:		Packoff Model:				
Assembly Length: 2,760.38 (ft)			Top Flange Size/Rating: 11.000 (in)/2000 (psi)				
Liner Overlap:			Btm Flange Size/Rating: 8.625 (in)/2000 (psi)				

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
	1	0.70	7	7.70	5.500	4.950	4.825	0.00		8RD				
CASING JOINT(S)	88	2,559.53	8	2,567.23	5.500	4.950	4.825	5.40	J-55	8RD				
CASING JOINT(S)	5	189.16	2567	2,756.39	5.500	4.950	4.825	15.50	J-55	8RD				
INSERT FLOAT	1	0.10	2756	2,756.49	5.500	4.950	4.825	0.00		8RD				
SHOE JOINT	1	10.14	2756	2,766.63	5.500	4.950	4.825	15.50	J-55	8RD				
GUIDE SHOE	1	0.75	2767	2,767.38	5.500	4.950	4.825	0.00		8RD				

Jewelry						
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	22	119.00	76.00	2,756.00	CLAMPED

Remarks

OXY USA INC
Casing Report

Well: BRAVO DOME UNIT 2433 271G	Event Name: DEV DRILLING	Report Date: 8/19/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/17/2011	Wellbore: 00
Active Datum: Original KB @5,294.90ft (above Mean Sea Level)	End Date: 8/23/2011	

Assembly			Casing Flange			Status History	
Assembly Name: SURFACE CASING	Weight in Slips:		Manufacturer: WELLHEAD, INC.			8/19/2011	INSTALLED
Nom. Size: 8.625 (in)	Hours Circ:		Model:				
Top MD: 9.00 (ft)	Fluid Lost:		Hanger Model:				
Landed MD: 755.00 (ft)	Vol Fluid Lost:		Packoff Model:				
Assembly Length: 746.03 (ft)			Top Flange Size/Rating: 11.000 (in)/2000 (psi)				
Liner Overlap:			Btm Flange Size/Rating: 8.625 (in)/2000 (psi)				

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)	17	703.57	9	712.57	8.625	8.097	7.972	24.00	J-55	8RD				
INSERT FLOAT	1	0.10	713	712.67	8.625	8.097	7.972	0.00		8RD				
SHOE JOINT	1	41.36	713	754.03	8.625	8.097	7.972	24.00	J-55	8RD				
TEXAS PATTERN SHOE	1	1.00	754	755.03	8.625	8.097	7.972	0.00		8RD				

Jewelry						
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	6	164.00	87.00	745.00	CLAMPED

Remarks

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2433 271G	Event Name: DEV DRILLING	Report Date: 8/20/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/17/2011	Wellbore: 00
Active Datum: Original KB @5,294.90ft (above Mean Sea Level)	End Date: 8/23/2011	

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: 2767 (ft)	
Cement:		
Not Ready to FN	Assembly Set Date: 08/20/2011	Total Slurry in Well:
Static BHT:	Hole Size: 7.875 (in)	Excess Slurry Volume: 1,378.6 (bbl)
Returns: Full	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 363.0 (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

7 - 2,767 ft

CTU Used:	Top Plug Used: Y	Annular Flow:	Press. Prior to Bump: 650 (psi)
Circulate Prior:	Bottom Plug Used:	Ann Press Held: Y	Bump Press.: 990 (psi)
Circulate Flow Rate:	Bumped Plug: Y	Float Held: Y	Press. Over Pumping: 340 (psi)
Circulate Press:	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

Pumping Start: 21:38	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 21:42	Class:	Excess Slurry Percent:	Slurry Btm MD:
Rate: 8.00 (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: 21:42	Slurry Type: CEMENT	Total Slurry Volume: 295.2 (bbl)	Slurry Top MD:
Pumping End: 22:32	Class: 50/50 PREM	Excess Slurry Percent: 400.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 11.10 (ppg)	Excess Measured By:	Total Water Vol Used: 248.2 (bbl)
Foam Job:	Yield: 3.2500 (ft ³ /sk)	Mix Water Ratio: 20.440 (gal/sk94)	Actual Sacks Used: 510
		Mix Method:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	2.000 % BWOC	20.00 Sacks
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	128.00 lbs

TAIL CEMENT

Pumping Start: 22:32	Slurry Type: CEMENT	Total Slurry Volume: 49.4 (bbl)	Slurry Top MD:
Pumping End: 22:50	Class: 50/50 PREM	Excess Slurry Percent: 400.00 (%)	Slurry Btm MD:
Rate: 5.00 (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:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	2.000 % BWOC	6.00 Sacks
POL-E FLAKES	CIRCULATION LOSSES	0.250 lbs/sk	38.00 lbs

Pumping Start: 22:50	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 23:05	Class:	Excess Slurry Percent:	Slurry Btm MD:
Rate: 8.00 (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:	

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2433 271G	Event Name: DEV DRILLING	Report Date: 8/19/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/17/2011	Wellbore: 00
Active Datum: Original KB @5,294.90ft (above Mean Sea Level)	End Date: 8/23/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: SURFACE CASING	Actual TOC MD: 7.00 (ft)
WOC Time: 12.00 (hr)	Assembly Size: 8.625 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 755 (ft)	
Cement:	Assembly Set Date: 08/19/2011	Total Slurry in Well:
Not Ready to FN	Hole Size: 12.250 (in)	Excess Slurry Volume: 384.7 (bbl)
Static BHT:	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 46.0 (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**7 - 755 ft**

CTU Used:	Top Plug Used: Y	Annular Flow:	Press. Prior to Bump: 385 (psi)
Circulate Prior:	Bottom Plug Used:	Ann Press Held: Y	Bump Press.: 600 (psi)
Circulate Flow Rate:	Bumped Plug: Y	Float Held: Y	Press. Over Pumping: 215 (psi)
Circulate Press:	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

Pumping Start: 20:32	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End:	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:	

CEMENT

Pumping Start: 20:36	Slurry Type: CEMENT	Total Slurry Volume: 96.2 (bbl)	Slurry Top MD:
Pumping End:	Class: PREM PLUS	Excess Slurry Percent: 400.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 14.80 (ppg)	Excess Measured By:	Total Water Vol Used: 60.5 (bbl)
Foam Job:	Yield: 1.3500 (ft/sk)	Mix Water Ratio: 6.350 (gal/sk94)	Actual Sacks Used: 400
		Mix Method:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	2.000 % BWOC	19.00 Sacks
POL-E FLAKES	CIRCULATION LOSSES	0.125 lbs/sk	125.00 lbs

Pumping Start: 21:03	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End:	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:	