

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

Form C-103
Revised August 1, 2011

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

WELL API NO. 30-059-20534
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Bravo Dome 2233
8. Well Number 51
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome 640
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4993.9 GR

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
PO Box 4294, Houston TX 77210

4. Well Location
Unit Letter **G** : **1700** feet from the **North** line and **1700** feet from the **E** line
Section **5** Township **22N** Range **33E** NMPM County **Union**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4993.9 GR

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☒

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:

8/21/11

Rig Release Date:

8/25/11

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

8/29/2012

Conditions of Approval (if any):

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G
 Project: BRAVO DOME
 Site: BRAVO DOME C02 UNIT

Event Name: DEV DRILLING
 Prim. Reason: ORIG DRILL VERT
 Start Date: 8/21/2011
 End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
1	08/21/2011	18:00 - 21:00	3.00	PJSM - MIRU ON NEW LOCATION. SUB-STRUCTURE SET & DRAW-WORKS & UNIT PINNED & DERRICK RAISED @ 6:00 PM. FINISHED SETTING IN RIG & COMPONENTS BY 8:00 PM, TRUCKS FINISHED SETTING IN THE RIG BY 9:00 PM, AND WERE OFF LOCATION. VERY GOOD RIG MOVE. CONTINUED RIGGING UP RIG.
		21:00 - 22:00	1.00	CONTINUED RIGGING UP RIG 216 TO SPUD BDU # 2233 051GPJSM - MIXED SPUD MUD, DIG DITCHES.
		22:00 - 00:00	2.00	SAFETY BREAK - P/U 8" DRILL COLLAR & BHA PERFORMED RIG INSPECTION & ACCEPTED RIG ON DAY-WORK CONTRACT @ 10: PM 8/21/2011 SPUDDER 12 1/4" HOLE @ 22:00 HOURS (10:00 PM) 8/21/2011 DRILLED FROM: 0' TO 140' @ 70' / HR. ROTARY - 125 RPM WT. ON BIT - 5 - 15 K GPM - 400 PUMP PRES. - 900 PSI SAFETY BREAK: PICKING UP & HANDLING BHA & DRILL COLLARS
2	08/22/2011	00:00 - 04:00	4.00	DRILLED FROM: 140' TO 450' @ 77.5' / HR. ROTARY - 125 RPM WT. ON BIT - 5 - 35 K PUMP - 400 GPM PRES. - 900 PSI SAFETY BREAK: GENERAL HOUSEKEEPING
		04:00 - 06:00	2.00	DRILLED FROM: 450' TO 600' @ 75' / HR. WIRELINE SURVEY = 1/4 DEG @ 419' ROTARY - 125 RPM WT. ON BIT - 5 - 35 K PUMP - 400 GPM PRES. - 900 PSI SAFETY BREAK: REPAIRING HIGH PRESSURE LINES.
		06:00 - 11:00	5.00	DRILLED FROM: 600' TO 804' @ 40.8' / HR. TD 12 1/4" SURFACE HOLE @ 11:00 AM @ 804' ROTARY - 125 RPM WT. ON BIT - 5 - 35 K PUMP - 400 GPM PRES. - 900 PSI SAFETY BREAK: REPAIRING HIGH PRESSURE LINES.
		11:00 - 12:00	1.00	CIRCULATE & CONDITION HOLE FOR SURFACE CASING JOB.
		12:00 - 13:00	1.00	DROP TOTCO AND TOH TO RUN 8 5/8" SURFACE CASING SAFETY BREAK: TRIPPING PIPE
		13:00 - 14:00	1.00	PJSM - RUNNING SURFACE CASING RAN 8 5/8" SURFACE CASING AS FOLLOWS: 1 - TEXAS PATTERN SHOE 1 - 8 5/8", 24#, STC, J - 55, SHOE JOINT WITH INSERT FLOAT 18 - JOINTS OF 8 5/8", 24#, J-55, STC CASING RAN VERY WELL w/NO PROBLEMS, CASING SET AT 784'
		14:00 - 15:00	1.00	CIRCULATE & CONDITION HOLE FOR CEMENTING 8 5/8" SURFACE CASING. PJSM: RIG UP HALCO
		15:00 - 16:00	1.00	PJSM - TEST LINES TO 2,500 PSI CEMENT AS FOLLOWS: PUMP 500 SACKS OF LEAD, MIXED TO 14.8PPG, 1.35 YELD AT 6.5BPM WITH 200 PSI DROPPED PLUG & DISPLACED CEMENT WITH 47.3 BBLS FRESH WATER USING HALLIBURTON PUMP TRUCK AT 6 BPM WITH 215 PSI FINAL DISPLACEMENT PRESSURE. BUMP PLUG @ 4:00 PM WITH 600 PSI. PSI UP TO 1000 PSI, HELD PRESSURE FOR 5 MINUTES. FLOAT HELD. CIRCULATE 47 BBLS (196 SX) TO PIT.

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/21/2011

End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
		16:00 - 20:00	4.00	W O C 4 HOURS
		20:00 - 00:00	4.00	HANDS REMOVED HALLIBURTON CEMENT HEAD PJSM - BACK OUT LANDING JOINT - SCREW ON WELL HEAD & DRILLING FLANGE. N/U BOP & FLOWLINE TO BELL NIPPLE AND WELL HEAD VALVES
3	08/23/2011	00:00 - 00:30	0.50	TEST ANNULAR 250 LO / 1000 HI FOR 15 MINUTES.
		00:30 - 02:00	1.50	FINISH N/U BOP RISER AND CIRCULATING HEAD. CHAIN OFF BOP.
		02:00 - 03:30	1.50	TIH WITH BIT #2 AND BHA #2. TAG CEMENT @ 740'
		03:30 - 04:00	0.50	TEST CASING 1000# FOR 30 MINUTES. TEST OK.
		04:00 - 04:30	0.50	INSTALL ROTATING RUBBER.
		04:30 - 06:00	1.50	DRILLED CEMENT & FLOAT EQUIPMENT FROM: 740' TO 850' @ 110' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: PICKING UP & HANDLING BHA & DRILL COLLARS
		06:00 - 10:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 850' TO 1,170' @ 70 FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: HIGH PRESSURE LINES.
		10:00 - 14:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1,170' TO 1,370' @ 50 FT / HR. WIRE LINE SURVEY @ 1,270' = 1/4 DEGREE ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: MAKING CONNECTIONS
		14:00 - 18:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1,370' TO 1600' @ 57.5 FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: ROLLING PIPE ON RACKS.
		18:00 - 22:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1600' TO 1800' @ 37.5 FT / HR. WIRE LINE SURVEY @ 1,771' = 1. DEGREE ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: HOUSE KEEPING.
		22:00 - 00:00	2.00	DRILLED 7 7/8" PROD. HOLE FROM: 1750' TO 1850' @ 50' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: EYE WASH STATION.

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/21/2011

End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
4	08/24/2011	00:00 - 04:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1850' TO 2050' @ 50' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: TOP DRIVE MAINTENANCE
		04:00 - 06:00	2.00	DRILLED 7 7/8" PROD. HOLE FROM: 2050' TO 2170' @ 60' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: STRAPPING CASING
		06:00 - 10:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 2170' TO 2340' @ 43' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: HOUSE CLEANING
		10:00 - 14:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 2340' TO 2447' @ 27' FT / HR. TD WELL TD WELL BORE @ 2,447' @ 2:00 PM 8/24/2011 TOP OF CIMARRON @ 2,365' MD CIMARRON DEPTH = 17' TOP OF TUBB @ 2382' DRILL TUBB FORM. - 55' DRILL RATHOLE - 10' TD WELLBORE @ 2447' ROTARY - 80 RPM WT. ON BIT - 20K GPM - 400 PUMP PRESS - 1200 PSI SAFETY BREAK: LAY DOWN BHA
		14:00 - 15:00	1.00	PJSM - CIRC. & CONDITION HOLE FOR OPEN HOLE LOGS.
		15:00 - 17:30	2.50	PJSM - MADE WIPER TRIP TO 8 5/8" CASING SHOE @ 804' & BACK TO BOTTOM - TRIP WENT GOOD, NO PROBLEMS, NO TIGHT SPOTS.
		17:30 - 18:30	1.00	CIRCULATE & CONDITION HOLE FOR OPEN HOLE LOGGING & TO RUN 5 1/2" PROD. CSG.
		18:30 - 20:30	2.00	PJSM - STRAP OUT OF HOLE & LDDP & BHA TO RUN OPEN HOLE LOGS & RUN 5 1/2" CASING.
		20:30 - 22:00	1.50	PJSM - RIG UP RENEGADE WIRE-LINE & R I H w/1st OPEN HOLE LOG. (GAMMA-RAY/CCL) LOG TAGGED BOTTOM @ 2,458' MD. @9:00PM
		22:00 - 00:00	2.00	RUN 5 1/2" PROD. CSG. AS FOLLOWS: 1 - FLOAT SHOE - 1.00 - 2434.00' - 2433.50' 1 - 5 1/2", 15.5# SHOE JT. 10.72 - 2433.50' - 2,422.78' 1 - JTS. 5 1/2", 15.5# CSG. JTS. - 43.40' - 2,422.78' - 2,479.38' 81 - JTS. FIBER GLASS 5 1/2" - 2, - 2379.38' - 1 - LANDING JT. 51/2", 15.5# - 17.12' - 5.00' - (STICK UP) FIBERGLASS / STEEL TRANSITION @ 2379.38' MD. SAFETY BREAK: PJSM RUNNING CASING

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011
	End Date: 8/25/2011
	Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details																				
5	08/25/2011	00:00 - 05:00	5.00	RUN 5 1/2" PROD. CSG. AS FOLLOWS: <table><tr><td>1 - FLOAT SHOE -</td><td>1.00 -</td><td>2434.00' -</td><td>2433.50'</td></tr><tr><td>1 - 5 1/2", 15.5# SHOE JT.</td><td>10.72 -</td><td>2433.50' -</td><td>2,422.78'</td></tr><tr><td>1 - JTS. 5 1/2", 15.5# CSG. JTS. -</td><td>43.40' -</td><td>2,422.78' -</td><td>2,479.38'</td></tr><tr><td>81 - JTS. FIBER GLASS 5 1/2" - 2, -</td><td>2379.38' -</td><td></td><td></td></tr><tr><td>1 - LANDING JT. 51/2", 15.5# -</td><td>17.12' -</td><td>5.00' -</td><td>(STICK UP)</td></tr></table> FIBERGLASS / STEEL TRANSITION @ 2379.38' MD. SAFETY BREAK: PJSM CEMENTING CASING	1 - FLOAT SHOE -	1.00 -	2434.00' -	2433.50'	1 - 5 1/2", 15.5# SHOE JT.	10.72 -	2433.50' -	2,422.78'	1 - JTS. 5 1/2", 15.5# CSG. JTS. -	43.40' -	2,422.78' -	2,479.38'	81 - JTS. FIBER GLASS 5 1/2" - 2, -	2379.38' -			1 - LANDING JT. 51/2", 15.5# -	17.12' -	5.00' -	(STICK UP)
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1 - LANDING JT. 51/2", 15.5# -	17.12' -	5.00' -	(STICK UP)																					
		05:00 - 06:00	1.00	PJSM RIG-UP HALLIBURTON CIRCULATE AND CONDITION HOLE FOR CEMENT JOB SAFETY MEETING WITH ALL PERSONEL ON LOCATION SAFETY BREAK : CEMENTING PROCEDURES & WORKING WITH HIGH PRESSURE LINES & EQUIPMENT. RIGGING UP HALLIBURTON & PRESSURE TESTING LINES & EQUIPMENT. CHAINED DOWN 5 1/2" CEMENTING HEAD & CASING.																				
		06:00 - 07:30	1.50	PRESSURE TEST LINES TO 2500 PSI PUMPED 20 BBL FRESH WATER SPACER LEAD CEMENT: - 11.1 PPG PREMIUM PLUS WITH 2% CACL, 460 SACKS - 0.25 LBM/SACK POLY- E - FLAKE - YIELD: 3.25 CUFT/SACK - SLURRY VOLUME: 266.2 BBLS - PUMP RATE: 5.0 BBL/MIN - CASING PRESSURE: 280 PSI TAIL CEMENT: - 13.2 PPG PREMIUM PLUS CEMENT WITH 2% CC, 150 SACKS - SLURRY VOLUME: 49.4 BBLS - 0.25 LBM/SACK POLY - E - FLAKE - YIELD: 1.85 CUFT/SACK - PUMP RATE: 5.0 BBL/MIN - CASING PRESSURE: 150 PSI DISPLACE WITH 53 BBL OF FRESH WATER - PUMP RATE: 5 BBL/MIN - CASING PRESSURE: 600.0 PSI - BUMPED PLUG AT 2 BBL/MIN AT 600 PSI, 450 OVER 1050 PSI - @ 07:31 AM 8 /25/2011 - CIRCULATED 199 BBLS OF CEMENT TO SURFACE. (344 SKS) - FLOAT HELD - RIGGED DOWN HALCO																				
		07:30 - 11:30	4.00	W O C - CLEAN PITS, RIG DOWN RIG, PREPARE FOR RIG MOVE TO NEW LOCATION. TRUCKS ARRIVED @ 09:30 AM. WE MOVED THE TRAILER OFFICE & CAMP & BEGAN MOVING RIG COMPONENTS WHILE W O C MANDATORY 4 HRS.																				
		11:30 - 14:00	2.50	RELEASED CHAINS ON CASING, RIGGED DOWN HALCO CEMENTING HEAD, BACKED OUT LANDING JOINT, N/D BOP. MADE UP WING NUT ON WELL-HEAD AND SECURED WELL HEAD PROPERLY. RELEASED RIG 216 @ 2:00 PM 8/25/2011 TO NEXT LOCATION																				

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/21/2011

End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
1	08/21/2011	18:00 - 21:00	3.00	PJSM - MIRU ON NEW LOCATION, SUB-STRUCTURE SET & DRAW-WORKS & UNIT PINNED & DERRICK RAISED @ 6:00 PM. FINISHED SETTING IN RIG & COMPONENTS BY 8:00 PM, TRUCKS FINISHED SETTING IN THE RIG BY 9:00 PM, AND WERE OFF LOCATION. VERY GOOD RIG MOVE. CONTINUED RIGGING UP RIG.
		21:00 - 22:00	1.00	CONTINUED RIGGING UP RIG 216 TO SPUD BDU # 2233.051GPJSM - MIXED SPUD MUD, DIG DITCHES, SAFETY BREAK - P/U 8" DRILL COLLAR & BHA
		22:00 - 00:00	2.00	PERFORMED RIG INSPECTION & ACCEPTED RIG ON DAY-WORK CONTRACT @ 10: PM 8/21/2011 SPUDDER 12 1/4" HOLE @ 22:00 HOURS (10:00 PM) 8/21/2011 DRILLED FROM: 0' TO 140' @ 70' / HR. ROTARY - 125 RPM WT. ON BIT - 5 - 15 K GPM - 400 PUMP PRES. - 900 PSI SAFETY BREAK: PICKING UP & HANDLING BHA & DRILL COLLARS
2	08/22/2011	00:00 - 04:00	4.00	DRILLED FROM: 140' TO 450' @ 77.5' / HR. ROTARY - 125 RPM WT. ON BIT - 5 - 35 K PUMP - 400 GPM PRES. - 900 PSI SAFETY BREAK: GENERAL HOUSEKEEPING
		04:00 - 06:00	2.00	DRILLED FROM: 450' TO 600' @ 75' / HR. WIRELINE SURVEY = 1/4 DEG @ 419' ROTARY - 125 RPM WT. ON BIT - 5 - 35 K PUMP - 400 GPM PRES. - 900 PSI SAFETY BREAK: REPAIRING HIGH PRESSURE LINES.
		06:00 - 11:00	5.00	DRILLED FROM: 600' TO 804' @ 40.8' / HR. TD 12 1/4" SURFACE HOLE @ 11:00 AM @ 804' ROTARY - 125 RPM WT. ON BIT - 5 - 35 K PUMP - 400 GPM PRES. - 900 PSI SAFETY BREAK: REPAIRING HIGH PRESSURE LINES.
		11:00 - 12:00	1.00	CIRCULATE & CONDITION HOLE FOR SURFACE CASING JOB.
		12:00 - 13:00	1.00	DROP TOTCO AND TOH TO RUN 8 5/8" SURFACE CASING SAFETY BREAK: TRIPPING PIPE
		13:00 - 14:00	1.00	PJSM - RUNNING SURFACE CASING RAN 8 5/8" SURFACE CASING AS FOLLOWS: 1 - TEXAS PATTERN SHOE 1 - 8 5/8", 24#, STC, J - 55, SHOE JOINT WITH INSERT FLOAT 18 - JOINTS OF 8 5/8", 24#, J-55, STC CASING RAN VERY WELL w/NO PROBLEMS, CASING SET AT 784'
		14:00 - 15:00	1.00	CIRCULATE & CONDITION HOLE FOR CEMENTING 8 5/8" SURFACE CASING. PJSM: RIG UP HALCO
		15:00 - 16:00	1.00	PJSM - TEST LINES TO 2,500 PSI CEMENT AS FOLLOWS: PUMP 500 SACKS OF LEAD, MIXED TO 14.8PPG, 1.35 YELD AT 6.5BPM WITH 200 PSI DROPPED PLUG & DISPLACED CEMENT WITH 47.3 BBLS FRESH WATER USING HALLIBURTON PUMP TRUCK AT 6 BPM WITH 215 PSI FINAL DISPLACEMENT PRESSURE. BUMP PLUG @ 4:00 PM WITH 600 PSI. PSI UP TO 1000 PSI, HELD PRESSURE FOR 5 MINUTES. FLOAT HELD. CIRCULATE 47 BBLS (196 SX) TO PIT.

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/21/2011

End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
		16:00 - 20:00	4.00	W O C 4 HOURS
		20:00 - 00:00	4.00	HANDS REMOVED HALLIBURTON CEMENT HEAD PJSM - BACK OUT LANDING JOINT - SCREW ON WELL HEAD & DRILLING FLANGE. N/U BOP & FLOWLINE TO BELL NIPPLE AND WELL HEAD VALVES
3	08/23/2011	00:00 - 00:30	0.50	TEST ANNULAR 250 LO / 1000 HI FOR 15 MINUTES.
		00:30 - 02:00	1.50	FINISH N/U BOP RISER AND CIRCULATING HEAD. CHAIN OFF BOP.
		02:00 - 03:30	1.50	TIH WITH BIT #2 AND BHA #2. TAG CEMENT @ 740'
		03:30 - 04:00	0.50	TEST CASING 1000# FOR 30 MINUTES. TEST OK.
		04:00 - 04:30	0.50	INSTALL ROTATING RUBBER.
		04:30 - 06:00	1.50	DRILLED CEMENT & FLOAT EQUIPMENT FROM: 740' TO 850' @ 110' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: PICKING UP & HANDLING BHA & DRILL COLLARS
		06:00 - 10:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 850' TO 1,170' @ 70 FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: HIGH PRESSURE LINES.
		10:00 - 14:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1,170' TO 1,370' @ 50 FT / HR. WIRE LINE SURVEY @ 1,270' = 1/4 DEGREE ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: MAKING CONNECTIONS
		14:00 - 18:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1,370' TO 1600' @ 57.5 FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: ROLLING PIPE ON RACKS.
		18:00 - 22:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1600' TO 1800' @ 37.5 FT / HR. WIRE LINE SURVEY @ 1,771' = 1. DEGREE ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: HOUSE KEEPING.
		22:00 - 00:00	2.00	DRILLED 7 7/8" PROD. HOLE FROM: 1750' TO 1850' @ 50' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: EYE WASH STATION.

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/21/2011

End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
4	08/24/2011	00:00 - 04:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 1850' TO 2050' @ 50' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: TOP DRIVE MAITENENCE
		04:00 - 06:00	2.00	DRILLED 7 7/8" PROD. HOLE FROM: 2050' TO 2170' @ 60' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: STRAPPING CASING
		06:00 - 10:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 2170' TO 2340' @ 43' FT / HR. ROTARY - 60 RPM WT. ON BIT - 10 - 15 K GPM - 400 PUMP PRES. - 1000 PSI SAFETY BREAK: HOUSE CLEANING
		10:00 - 14:00	4.00	DRILLED 7 7/8" PROD. HOLE FROM: 2340' TO 2447' @ 27' FT / HR. TD WELL TD WELL BORE @ 2,447' @ 2:00 PM 8/24/2011 TOP OF CIMARRON @ 2,365' MD CIMARRON DEPTH = 17' TOP OF TUBB @ 2382' DRILL TUBB FORM. - 55' DRILL RATHOLE - 10' TD WELLBORE @ 2447' ROTARY - 80 RPM WT. ON BIT - 20K GPM - 400 PUMP PRESS - 1200 PSI SAFETY BREAK: LAY DOWN BHA
		14:00 - 15:00	1.00	PJSM - CIRC. & CONDITION HOLE FOR OPEN HOLE LOGS.
		15:00 - 17:30	2.50	PJSM - MADE WIPER TRIP TO 8 5/8" CASING SHOE @ 804' & BACK TO BOTTOM - TRIP WENT GOOD, NO PROBLEMS, NO TIGHT SPOTS.
		17:30 - 18:30	1.00	CIRCULATE & CONDITION HOLE FOR OPEN HOLE LOGGING & TO RUN 5 1/2" PROD. CSG.
		18:30 - 20:30	2.00	PJSM - STRAP OUT OF HOLE & LDDP & BHA TO RUN OPEN HOLE LOGS & RUN 5 1/2" CASING.
		20:30 - 22:00	1.50	PJSM - RIG UP RENEGADE WIRE-LINE & R I H w/1st OPEN HOLE LOG. (GAMMA-RAY/CCL) LOG TAGGED BOTTOM @ 2,458' MD. @9:00PM
		22:00 - 00:00	2.00	RUN 5 1/2" PROD. CSG. AS FOLLOWS: 1 - FLOAT SHOE - 1.00 - 2434.00' - 2433.50' 1 - 5 1/2", 15.5# SHOE JT. 10.72 - 2433.50' - 2,422.78' 1 - JTS. 5 1/2", 15.5# CSG. JTS. - 43.40' - 2,422.78' - 2,479.38' 81 - JTS. FIBER GLASS 5 1/2" - 2, - 2379.38' - 1 - LANDING JT. 5 1/2", 15.5# - 17.12' - 5.00' - (STICK UP) FIBERGLASS / STEEL TRANSITION @ 2379.38' MD. SAFETY BREAK: PJSM RUNNING CASING

Operation Summary Report

Well: BRAVO DOME UNIT 2233 051G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Start Date: 8/21/2011

End Date: 8/25/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Details
5	08/25/2011	00:00 - 05:00	5.00	RUN 5 1/2" PROD. CSG. AS FOLLOWS: 1 - FLOAT SHOE - 1.00 - 2434.00' - 2433.50' 1 - 5 1/2", 15.5# SHOE JT. 10.72 - 2433.50' - 2,422.78' 1 - JTS. 5 1/2", 15.5# CSG. JTS. - 43.40' - 2,422.78' - 2,479.38' 81 - JTS. FIBER GLASS 5 1/2" - 2, - 2379.38' - 1 - LANDING JT. 51/2", 15.5# - 17.12' - 5.00' - (STICK UP) FIBERGLASS / STEEL TRANSITION @ 2379.38' MD. SAFETY BREAK: PJSM CEMENTING CASING
		05:00 - 06:00	1.00	PJSM RIG-UP HALLIBURTON CIRCULATE AND CONDITION HOLE FOR CEMENT JOB SAFETY MEETING WITH ALL PERSONEL ON LOCATION SAFETY BREAK : CEMENTING PROCEDURES & WORKING WITH HIGH PRESSURE LINES & EQUIPMENT. RIGGING UP HALLIBURTON & PRESSURE TESTING LINES & EQUIPMENT. CHAINED DOWN 5 1/2" CEMENTING HEAD & CASING.
		06:00 - 07:30	1.50	PRESSURE TEST LINES TO 2500 PSI PUMPED 20 BBL FRESH WATER SPACER LEAD CEMENT: - 11.1 PPG PREMIUM PLUS WITH 2% CACL, 460 SACKS - 0.25 LBM/SACK POLY- E - FLAKE - YIELD: 3.25 CUFT/SACK - SLURRY VOLUME: 266.2 BBLS - PUMP RATE: 5.0 BBL/MIN - CASING PRESSURE: 280 PSI TAIL CEMENT: - 13.2 PPG PREMIUM PLUS CEMENT WITH 2% CC, 150 SACKS - SLURRY VOLUME: 49.4 BBLS - 0.25 LBM/SACK POLY - E - FLAKE - YIELD: 1.85 CUFT/SACK - PUMP RATE: 5.0 BBL/MIN - CASING PRESSURE: 150 PSI DISPLACE WITH 53 BBL OF FRESH WATER - PUMP RATE: 5 BBL/MIN - CASING PRESSURE: 600.0 PSI - BUMPED PLUG AT 2 BBL/MIN AT 600 PSI, 450 OVER 1050 PSI - @ 07:31 AM 8 /25/2011 - CIRCULATED 199 BBLS OF CEMENT TO SURFACE. (344 SKS) - FLOAT HELD - RIGGED DOWN HALCO
		07:30 - 11:30	4.00	W O C - CLEAN PITS, RIG DOWN RIG, PREPARE FOR RIG MOVE TO NEW LOCATION. TRUCKS ARRIVED @ 09:30 AM. WE MOVED THE TRAILER OFFICE & CAMP & BEGAN MOVING RIG COMPONENTS WHILE W O C MANDATORY 4 HRS.
		11:30 - 14:00	2.50	RELEASED CHAINS ON CASING, RIGGED DOWN HALCO CEMENTING HEAD, BACKED OUT LANDING JOINT, N/D BOP. MADE UP WING NUT ON WELL-HEAD AND SECURED WELL HEAD PROPERLY. RELEASED RIG 216 @ 2:00 PM 8/25/2011 TO NEXT LOCATION

OXY USA BRAVO DOME

Casing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

Assembly			Casing Flange		Status History	
Assembly Name: SURFACE CASING	Weight in Slips:		Manufacturer: CAMERON		8/21/2011	INSTALLED
Nom. Size: 8.625 (in)	Hours Circ: 1.00 (hr)		Model: CIW "F"			
Top MD: 12.00 (ft)	Fluid Lost:		Hanger Model:			
Landed MD: 783.30 (ft)	Vol Fluid Lost:		Packoff Model:			
Assembly Length: 771.30 (ft)			Top Flange Size/Rating: 11.000 (in)/2000 (psi)			
Liner Overlap:			Btm Flange Size/Rating:			

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
TEXAS PATTERN SHOE	1	0.40	12	12.40	8.625	8.097	7.972	24.00		STC	HALLIBURTON			NEW
SHOE JOINT	1	43.68	12	56.08	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW
INSERT FLOAT	1	0.00	56	56.08	8.625	8.097	7.972	0.00		STC	HALLIBURTON			NEW
CASING JOINT(S)	19	727.22	56	783.30	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW

Jewelry						
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	12	134.00	12.00	804.00	FLOATING

Remarks
VERY GOOD CASING & CEMENT JOB!

OXY USA BRAVO DOME

Casing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/25/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

Assembly			Casing Flange		Status History	
Assembly Name: PRODUCTION CASING	Weight in Slips:		Manufacturer: CAMERON		8/25/2011	INSTALLED
Nom. Size: 5.500 (in)	Hours Circ:		Model: CIW "F"			
Top MD: 12.00 (ft)	Fluid Lost:		Hanger Model: CIW DCBS			
Landed MD: 2,434.00 (ft)	Vol Fluid Lost:		Packoff Model: CIW P SINGLE			
Assembly Length: 2,422.00 (ft)			Top Flange Size/Rating: 11.000 (in)/2000 (psi)			
Liner Overlap:			Btm Flange Size/Rating:			

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
LANDING JOINT	1	12.50	12	24.50	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
	73	2,354.88	25	2,379.38	5.500	4.950	4.825	5.40	J-55	LTC	NATIONAL OILWELL			NEW
CASING JOINT(S)	3	43.40	2379	2,422.78	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
SHOE JOINT	1	10.72	2423	2,433.50	5.500	4.950	4.825	15.50	J-55	STC	LONE STAR STEEL			NEW
FLOAT SHOE	1	0.50	2434	2,434.00	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		804.00	2,434.00	FLOATING

Remarks
CASING JOB WENT WELL

OXY USA BRAVO DOME

Casing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

Assembly				Casing Flange		Status History	
Assembly Name: SURFACE CASING	Weight in Slips:			Manufacturer: CAMERON		8/21/2011	INSTALLED
Nom. Size: 8.625 (in)	Hours Circ: 1.00 (hr)			Model: CIW "F"			
Top MD: 12.00 (ft)	Fluid Lost:			Hanger Model:			
Landed MD: 783.30 (ft)	Vol Fluid Lost:			Packoff Model:			
Assembly Length: 771.30 (ft)				Top Flange Size/Rating: 11.000 (in)/2000 (psi)			
Liner Overlap:				Btm Flange Size/Rating:			

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
TEXAS PATTERN SHOE	1	0.40	12	12.40	8.625	8.097	7.972	24.00		STC	HALLIBURTON			NEW
SHOE JOINT	1	43.68	12	56.08	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW
INSERT FLOAT	1	0.00	56	56.08	8.625	8.097	7.972	0.00		STC	HALLIBURTON			NEW
CASING JOINT(S)	19	727.22	56	783.30	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW

Jewelry						
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed
				Top MD (ft)	Btm MD (ft)	
CENTRALIZER	HALLIBURTON	12	134.00	12.00	804.00	FLOATING

Remarks
VERY GOOD CASING & CEMENT JOB!

OXY USA BRAVO DOME

Casing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

Assembly	Casing Flange	Status History
Assembly Name: SURFACE CASING Nom. Size: 8.625 (in) Top MD: 12.00 (ft) Landed MD: 783.30 (ft) Assembly Length: 771.30 (ft) Liner Overlap:	Manufacturer: CAMERON Model: CIW "F" Hanger Model: Packoff Model: Top Flange Size/Rating: 11.000 (in)/2000 (psi) Btm Flange Size/Rating:	8/21/2011 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
TEXAS PATTERN SHOE	1	0.40	12	12.40	8.625	8.097	7.972	24.00		STC	HALLIBURTON			NEW
SHOE JOINT	1	43.68	12	56.08	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW
INSERT FLOAT	1	0.00	56	56.08	8.625	8.097	7.972	0.00		STC	HALLIBURTON			NEW
CASING JOINT(S)	19	727.22	56	783.30	8.625	8.097	7.972	24.00	J-55	STC	LONE STAR STEEL			NEW

Jewelry							
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed	
				Top MD (ft)	Btm MD (ft)		
CENTRALIZER	HALLIBURTON	12	134.00	12.00	804.00	FLOATING	

Remarks
VERY GOOD CASING & CEMENT JOB

OXY USA BRAVO DOME

Casing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/25/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

Assembly	Casing Flange	Status History
Assembly Name: PRODUCTION CASING Nom. Size: 5.500 (in) Top MD: 12.00 (ft) Landed MD: 2,434.00 (ft) Assembly Length: 2,422.00 (ft) Liner Overlap:	Manufacturer: CAMERON Model: CIW "F" Hanger Model: CIW DCBS Packoff Model: CIW P SINGLE Top Flange Size/Rating: 11.000 (in)/2000 (psi) Btm Flange Size/Rating:	8/25/2011 INSTALLED

Components														
Component Name	Jts	Length (ft)		Btm MD (ft)	Nominal OD (ln)	Nominal ID (ln)	Drift ID (in)	Weight (ppf)	Grade	Threads	Manufacturer	Model	Serial No.	Cond
LANDING JOINT	1	12.50	12	24.50	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
	73	2,354.88	25	2,379.38	5.500	4.950	4.825	5.40	J-55	LTC	NATIONAL OILWELL			NEW
CASING JOINT(S)	3	43.40	2379	2,422.78	5.500	4.950	4.825	15.50	J-55	LTC	LONE STAR STEEL			NEW
SHOE JOINT	1	10.72	2423	2,433.50	5.500	4.950	4.825	15.50	J-55	STC	LONE STAR STEEL			NEW
FLOAT SHOE	1	0.50	2434	2,434.00	5.500	4.900	4.825	15.50	J-55	8RD	HALLIBURTON			NEW

Jewelry							
Accessory Name	Manufacturer	Num	Spacing (ft)	Interval		How Fixed	
CENTRALIZER	HALLIBURTON	23		Top MD (ft)	Btm MD (ft)		
				804.00	2,434.00		FLOATING

Remarks
CASING JOB WENT WELL

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: SURFACE CASING	Actual TOC MD: 12.00 (ft)
WOC Time:	Assembly Size: 8.625 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 783 (ft)	
Cement:		
Not Ready to FN	Assembly Set Date: 08/21/2011	Total Slurry in Well:
Static BHT:	Hole Size: 12.250 (in)	Excess Slurry Volume: 0.0 (bbl)
Returns: Full	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 47.0 (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 - 784 ft

CTU Used:	Top Plug Used: Y	Annular Flow:	Press. Prior to Bump: 275 (psi)
Circulate Prior: 1.00 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 510 (psi)
Circulate Flow Rate: 400.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping: 500 (psi)
Circulate Press: 250 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

1

Pumping Start: 15:25	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:29	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 0.0 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 20.000 (gal/sk94)	Actual Sacks Used: 0
		Mix Method:	

CEMENT

Pumping Start: 15:30	Slurry Type: CEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:52	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 6.00 (bbl/min)	Density: 14.80 (ppg)	Excess Measured By:	Total Water Vol Used: 342.9 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 120.000 (gal/sk94)	Actual Sacks Used: 120
		Mix Method:	

1

Pumping Start: 15:54	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 16:16	Class: A	Excess Slurry Percent: 47.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 570.7 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 47.000 (gal/sk94)	Actual Sacks Used: 510
		Mix Method: Tub/Hopper	

Remarks

GOOD CEMENT JOB, THANKS JOSH !

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/25/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: PRODUCTION CASING	
WOC Time:	Assembly Size: 5.500 (in)	Actual TOC MD: 12.00 (ft)
Foam N	Assembly Btm MD: 2434 (ft)	TOC Locate Method: Cmt Returns at Surf
Cement:		
Not Ready to FN	Assembly Set Date: 08/25/2011	Total Slurry in Well:
Static BHT:	Hole Size: 12.250 (in)	Excess Slurry Volume: 146.4 (bbl)
Returns: Full	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 199.0 (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 - 2,434 ft

CTU Used:	Top Plug Used: Y	Annular Flow: Y	Press. Prior to Bump: 480 (psi)
Circulate Prior: 1.50 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 880 (psi)
Circulate Flow Rate: 380.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping:
Circulate Press: 225 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

FRESH WATER

Pumping Start: 06:11	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 06:14	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: 06:15	Slurry Type: CEMENT	Total Slurry Volume: 266.3 (bbl)	Slurry Top MD:
Pumping End: 07:00	Class: PREM PLUS	Excess Slurry Percent: 55.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 11.10 (ppg)	Excess Measured By:	Total Water Vol Used: 223.9 (bbl)
Foam Job:	Yield: 3.2500 (ft ³ /sk)	Mix Water Ratio: 20.440 (gal/sk94)	Actual Sacks Used: 460
		Mix Method:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	0.020 lbs/sk	7.00 lb/Mgal
POLYFLAKE	LOST CIRC.	0.250 lbs/sk	88.00 lb/Mgal

TAIL CEMENT

Pumping Start: 07:01	Slurry Type: CEMENT	Total Slurry Volume: 49.4 (bbl)	Slurry Top MD:
Pumping End: 07:14	Class: PREM PLUS	Excess Slurry Percent: 0.00 (%)	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	0.020 lbs/sk	7.00 lb/Mgal
POLYFLAKE	LOST CIRC.	0.250 lbs/sk	88.00 lb/Mgal

FRESH WATER

Pumping Start: 07:15	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 07:31	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:	

Remarks

JOB WENT GOOD , GOOD CREW AND GOOD SUPERVISOR

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: SURFACE CASING	
WOC Time:	Assembly Size: 8.625 (in)	Actual TOC MD: 12.00 (ft)
Foam: N	Assembly Btm MD: 783 (ft)	TOC Locate Method: Cmt Returns at Surf
Cement:		
Not Ready to FN	Assembly Set Date: 08/21/2011	Total Slurry in Well:
Static BHT:	Hole Size: 12.250 (in)	Excess Slurry Volume: 0.0 (bbl)
Returns: Full	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 47.0 (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 - 784 ft**

CTU Used:	Top Plug Used: Y	Annular Flow:	Press. Prior to Bump: 275 (psi)
Circulate Prior: 1.00 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 510 (psi)
Circulate Flow Rate: 400.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping: 500 (psi)
Circulate Press: 250 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

Pumping Start: 15:25	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:29	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 0.0 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 20.000 (gal/sk94)	Actual Sacks Used: 0
		Mix Method:	

CEMENT

Pumping Start: 15:30	Slurry Type: CEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:52	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 6.00 (bbl/min)	Density: 14.80 (ppg)	Excess Measured By:	Total Water Vol Used: 342.9 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 120.000 (gal/sk94)	Actual Sacks Used: 120
		Mix Method:	

Pumping Start: 15:54	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 16:16	Class: A	Excess Slurry Percent: 47.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 570.7 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 47.000 (gal/sk94)	Actual Sacks Used: 510
		Mix Method: Tub/Hopper	

Remarks

GOOD CEMENT JOB, THANKS JOSH!

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/25/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: PRODUCTION CASING	Actual TOC MD: 12.00 (ft)
WOC Time:	Assembly Size: 5.500 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 2434 (ft)	
Cement:	Assembly Set Date: 08/25/2011	Total Slurry in Well:
Not Ready to FN	Hole Size: 12.250 (in)	Excess Slurry Volume: 146.4 (bbl)
Static BHT:	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 199.0 (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 - 2,434 ft

CTU Used:	Top Plug Used: Y	Annular Flow: Y	Press. Prior to Bump: 480 (psi)
Circulate Prior: 1.50 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 880 (psi)
Circulate Flow Rate: 380.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping:
Circulate Press: 225 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

FRESH WATER

Pumping Start: 06:11	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 06:14	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: 06:15	Slurry Type: CEMENT	Total Slurry Volume: 266.3 (bbl)	Slurry Top MD:
Pumping End: 07:00	Class: PREM PLUS	Excess Slurry Percent: 55.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 11.10 (ppg)	Excess Measured By:	Total Water Vol Used: 223.9 (bbl)
Foam Job:	Yield: 3.2500 (ft ³ /sk)	Mix Water Ratio: 20.440 (gal/sk94)	Actual Sacks Used: 460
		Mix Method:	
<u>Additive Name</u>	<u>Additive Type</u>	<u>Additive Conc.</u>	<u>Additive Amount</u>
CALC2	ACCELERATOR	0.020 lbs/sk	7.00 lb/Mgal
POLYFLAKE	LOST CIRC.	0.250 lbs/sk	88.00 lb/Mgal

TAIL CEMENT

Pumping Start: 07:01	Slurry Type: CEMENT	Total Slurry Volume: 49.4 (bbl)	Slurry Top MD:
Pumping End: 07:14	Class: PREM PLUS	Excess Slurry Percent: 0.00 (%)	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	0.020 lbs/sk	7.00 lb/Mgal
POLYFLAKE	LOST CIRC.	0.250 lbs/sk	88.00 lb/Mgal

FRESH WATER

Pumping Start: 07:15	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 07:31	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:	

Remarks

JOB WENT GOOD , GOOD CREW AND GOOD SUPERVISOR

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: SURFACE CASING	Actual TOC MD: 12.00 (ft)
WOC Time:	Assembly Size: 8.625 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 783 (ft)	
Cement:	Assembly Set Date: 08/21/2011	Total Slurry in Well:
Not Ready to FN	Hole Size: 12.250 (in)	Excess Slurry Volume: 0.0 (bbl)
Static BHT:	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 47.0 (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 - 784 ft**

CTU Used:	Top Plug Used: Y	Annular Flow:	Press. Prior to Bump: 275 (psi)
Circulate Prior: 1.00 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 510 (psi)
Circulate Flow Rate: 400.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping: 500 (psi)
Circulate Press: 250 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

Pumping Start: 15:25	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:29	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 0.0 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 20.000 (gal/sk94)	Actual Sacks Used: 0
		Mix Method:	

CEMENT

Pumping Start: 15:30	Slurry Type: CEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:52	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 6.00 (bbl/min)	Density: 14.80 (ppg)	Excess Measured By:	Total Water Vol Used: 342.9 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 120.000 (gal/sk94)	Actual Sacks Used: 120
		Mix Method:	

Pumping Start: 15:54	Slurry Type: DISPLACEMENT	Slurry Top MD:
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PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/21/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 1
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: SURFACE CASING	Actual TOC MD: 12.00 (ft)
WOC Time:	Assembly Size: 8.625 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 783 (ft)	
Cement:		
Not Ready to FN	Assembly Set Date: 08/21/2011	Total Slurry in Well:
Static BHT:	Hole Size: 12.250 (in)	Excess Slurry Volume: 0.0 (bbl)
Returns: Full	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 47.0 (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 - 784 ft

CTU Used:	Top Plug Used: Y	Annular Flow:	Press. Prior to Bump: 275 (psi)
Circulate Prior: 1.00 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 510 (psi)
Circulate Flow Rate: 400.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping: 500 (psi)
Circulate Press: 250 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

Pumping Start: 15:25	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:29	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 0.0 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 20.000 (gal/sk94)	Actual Sacks Used: 0
		Mix Method:	

CEMENT

Pumping Start: 15:30	Slurry Type: CEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 15:52	Class: A	Excess Slurry Percent: 0.00 (%)	Slurry Btm MD:
Rate: 6.00 (bbl/min)	Density: 14.80 (ppg)	Excess Measured By:	Total Water Vol Used: 342.9 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 120.000 (gal/sk94)	Actual Sacks Used: 120
		Mix Method:	

Pumping Start: 15:54	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 16:16	Class: A	Excess Slurry Percent: 47.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 8.40 (ppg)	Excess Measured By:	Total Water Vol Used: 570.7 (bbl)
Foam Job:	Yield: 0.0000 (ft ³ /sk)	Mix Water Ratio: 47.000 (gal/sk94)	Actual Sacks Used: 510
		Mix Method: Tub/Hopper	

Remarks

GOOD CEMENT JOB, THANKS JOSH !

PRIMARY Cementing Report

Well: BRAVO DOME UNIT 2233 051G	Event Name: DEV DRILLING	Report Date: 8/25/2011
Project: BRAVO DOME	Prim. Reason: ORIG DRILL VERT	Report No.: 2
Site: BRAVO DOME C02 UNIT	Start Date: 8/21/2011	Wellbore: 00
Active Datum: Original KB @5,005.90ft (above Mean Sea Level)	End Date: 8/25/2011	

General Job Information

Contractor: HALLIBURTON	Cemented Assembly: PRODUCTION CASING	Actual TOC MD: 12.00 (ft)
WOC Time:	Assembly Size: 5.500 (in)	TOC Locate Method: Cmt Returns at Surf
Foam: N	Assembly Btm MD: 2434 (ft)	
Cement:		
Not Ready to FN	Assembly Set Date: 08/25/2011	Total Slurry in Well:
Static BHT:	Hole Size: 12.250 (in)	Excess Slurry Volume: 146.4 (bbl)
Returns: Full	Volume Lost: 0.0 (bbl)	Est Cmt Vol Returns to Surf: 199.0 (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 - 2,434 ft

CTU Used:	Top Plug Used: Y	Annular Flow: Y	Press. Prior to Bump: 480 (psi)
Circulate Prior: 1.50 (hr)	Bottom Plug Used:	Ann Press Held:	Bump Press.: 880 (psi)
Circulate Flow Rate: 380.0 (gpm)	Bumped Plug: Y	Float Held: Y	Press. Over Pumping:
Circulate Press: 225 (psi)	Plug Catcher Used:	Pill Spotted Below Plug:	Duration Press. Held: 5.0 (min)

FRESH WATER

Pumping Start: 06:11	Slurry Type: SPACER	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 06:14	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: 06:15	Slurry Type: CEMENT	Total Slurry Volume: 266.3 (bbl)	Slurry Top MD:
Pumping End: 07:00	Class: PREM PLUS	Excess Slurry Percent: 55.00 (%)	Slurry Btm MD:
Rate: 5.00 (bbl/min)	Density: 11.10 (ppg)	Excess Measured By:	Total Water Vol Used: 223.9 (bbl)
Foam Job:	Yield: 3.2500 (ft ³ /sk)	Mix Water Ratio: 20.440 (gal/sk94)	Actual Sacks Used: 460
		Mix Method:	

Additive Name

Additive Type

Additive Conc.

Additive Amount

CALC2

ACCELERATOR

0.020 lbs/sk

7.00 lb/Mgal

POLYFLAKE

LOST CIRC.

0.250 lbs/sk

88.00 lb/Mgal

TAIL CEMENT

Pumping Start: 07:01	Slurry Type: CEMENT	Total Slurry Volume: 49.4 (bbl)	Slurry Top MD:
Pumping End: 07:14	Class: PREM PLUS	Excess Slurry Percent: 0.00 (%)	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:	

Additive Name

Additive Type

Additive Conc.

Additive Amount

CALC2

ACCELERATOR

0.020 lbs/sk

7.00 lb/Mgal

POLYFLAKE

LOST CIRC.

0.250 lbs/sk

88.00 lb/Mgal

FRESH WATER

Pumping Start: 07:15	Slurry Type: DISPLACEMENT	Total Slurry Volume: 0.0 (bbl)	Slurry Top MD:
Pumping End: 07:31	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:	

Remarks

JOB WENT GOOD , GOOD CREW AND GOOD SUPERVISOR