## 30-021-20517

#### OCCIDENTAL PERMIAN LTD.

## **Operation Summary Report**

BRAVO DOME UNIT 1832 191G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site:

BRAVO DOME C02 UNIT

Start Date: 6/24/2011

| Site. | BNAVOL     | JOINE COZ ONN   | Start Date.                   | . 0/24/2011       |  |                         |
|-------|------------|---|-------------------------------|-------------------|--|-------------------------|
| _     |            |   | End Date:                     | 6/28/2011         | Rig Name:  | TRINIDAD 216            |
| #     | Date       | Time  | Hrs Op Details                |                   |  |                         |
|       | 22.02      | Start-End   |                               |                   |  |                         |
| 1     | 06/24/2011 | 06:00 - 10:00   | 4.00 SAFETY MEETING WI        | TH TRUCKS AND RI  | G CREW   | •                       |
|       |            |   |                               |                   |  |                         |
|       |            |   | STARTED MOVING RI             |                   |  |                         |
|       |            | 10:00 - 14:00   | 4.00 CONTINUED MOVING         | 4.3               |  |                         |
| -     | -          |   | 85 % MOVED OVER               |                   |  |                         |
|       |            |   | 75% RIGGED UP                 |                   |  |                         |
|       |            |   |                               |                   |  |                         |
|       |            |   | SAFETY BREAK: WOR             | KING IN HOT CONE  | DITIONS / STAYING HYDRATED   |                         |
|       |            | 14:00 - 19:00   | 5.00 CONTINUED MOVING         |                   |  |                         |
|       |            |   |                               |                   |  |                         |
|       |            | İ   | DERRICK UP AT 14:30           | )                 |  |                         |
|       |            |   | DIC 4000/ ON LOCATI           | ON AT 40:00       |  |                         |
|       |            |   | RIG 100% ON LOCATI            | ON AT 19:00       |  |                         |
|       |            |   | 95% RIGGED UP                 |                   |  |                         |
|       |            |   |                               |                   |  |                         |
|       |            |   | NOTIFIED ED MARTIN            | AT 17:00 ABOUT S  | PUDDING WELL   |                         |
|       |            |   |                               |                   |  |                         |
|       |            |   | SAFETY BREAK: SUSI            |                   |  |                         |
|       | ļ., ·      | 19:00 - 00:00   | 5.00 FINISHED RIGGING U       | Р                 |  |                         |
| 1     |            | }   | INSPECTED AND ACC             | EDTED DIC ON DAY  | A MODIL AT OR OR   |                         |
|       |            |   | INSPECTED AND ACC             | EPTED RIG ON DA   | r WORK AT 00:00  |                         |
|       |            | * .   | 100% RIGGED UP AT             | 00:00             |  |                         |
| 2     | 06/25/2011 | 00:00 - 02:30   | 2.50 TIH, PICK UP BHA AS      |                   |  |                         |
|       |            |   | . , ,                         |                   |  |                         |
|       |            |   | -12 1/4" TRI - CONE BI        | T, 3 -14 JETS     |  |                         |
|       |            |   | - 1 - 8" DC                   |                   |  |                         |
|       |            |   | - XO                          |                   |  |                         |
|       |            |   | - 18 - 6.25' DC'S             |                   |  |                         |
|       |            |   | MIXED SPUD MUD                |                   |  |                         |
|       |            | 02:30 - 04:30   | 2.00 SPUDDED WELL AT 0        | 2:30              | . 100 F 2 10 10 10 10 10 10 10 10 10 10 10 10 10   |                         |
|       |            | 02.30 - 04.30   | 2.00 SFODDED WELL AT 0        | 2.30 ;            |  | 항로 한 동생, 제 그림 왕대 그리는 요. |
|       |            | 1.4   | DRILLED 12 1/4" SURF          | ACE HOLE FROM (   | ) TO 235'  |                         |
| -     |            |   | AVG. ROP = 117/HR             |                   | 1.50mm 11.50mm 11.50mm 12.50mm |                         |
|       |            |   |                               | -                 |  |                         |
|       |            |   | - PUMP RATE= 400 GF           |                   |  |                         |
|       |            |   | - PUMP PRESSURE =             | 750 PSI           |  |                         |
| 2     |            |   | - ROTARY = 130<br>- WOB = 2-8 |                   |  |                         |
|       |            | and the same of | - TORQUE ON BOTTO             | M = 1500          |  |                         |
|       |            |   | - TORQUE OFF BOTT             |                   | 일본 일이 시하면 하는 하는 얼을 때   |                         |
|       | . 7        |   |                               |                   | المترجورا والمرازات المرازان أوالكياني   | 1997年 化二乙基氯环基二乙基亚       |
|       | 7          |   | MUD WT = 9.0 PPG VI           |                   | Bright Charles   |                         |
|       |            |   | PUMP 10 BBLS SWEE             | PS EVERY 90' OR A | S NEEDED   |                         |
|       | . *        |   | CAPPEL DELLE DELLE            | LINO AND MARKET   | OONUFOTIONS  |                         |
|       |            |   | SAFETY BREAK: DRIL            | LING AND MAKING   | CONNECTIONS  |                         |
|       |            |   |                               |                   |  |                         |

## OCCIDENTAL PERMIAN LTD.

## **Operation Summary Report**

BRAVO DOME UNIT 1832 191G

Event Name: DEV DRILLING

| State   Stat   | Project: | BRAVO DOME    | Prim. Reason:  | ORIG DRILL VERT  |                                    |  |             |
|--|----------|---------------|--|--|------------------------------------|--|-------------|
| # Date   | •        |               |  |  |                                    |  |             |
| ## Date   Time   this   Op Details   |          |               | End Date:  |  | Rig Name: TRI                      | NIDAD 216  |             |
| 04:30 - 08:00  | #,       |               | Hrs Op Details   |  |                                    | and the second   |             |
| DRILLED 12 1/4" SURFACE HOLE FROM 235" TO 415"  AVG. ROP = 118/HR  - PUMP RATE= 400 GPM - PUMP PRESSURE = 750 PSI - ROTARY = 130 - WOB = 10.12 - TORQUE ON BOTTOM = 1700 - TORQUE OF BOTTOM = 1100  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90" OR AS NEEDED  SAFETY BREAK HOUSE CLEANING  500 DRILLED 12 1/4" SURFACE HOLE FROM 415" TO 815" 400" 80 FT /HR  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 10.7 - TORQUE ON BOTTOM - 1100 FT/LB - TORQUE OF BOTTOM - 1100 FT/LB - TORQUE OF BOTTOM - 1100 FT/LB - TORQUE OF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90" OR AS NEEDED  SURVEY AT 470" = 1 DEG  SAFETY BREAK MIXING MUD & CHEMICALS  11:00 - 12:00 - 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  14:30 - 16:30 - 2:00 TOH WITH 12 1/4" SHA  14:30 - 16:30 - 2:00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-SS STC  SET AT 756'  16:30 - 17:00 - 0.50 CIRCULATE HOLE   |          |               | 1.50 SPUDDED MEUL AT 02:20   |  | 447766                             | :. · · · · · · · · · · · · · · · · · · ·   |             |
| AVG. ROP = 118/HR  - PUMP RATE = 400 GPM - PUMP PRESSURE = 750 PSI - ROTARY = 130 - W06 = 10-12 - TORQUE ON BOTTOM = 1700 - TORQUE OFF BOTTOM = 1100  MUD WT = 9.0 PPG VIS 48 - PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING:  06:00 - 11:00  5.00 DRILLED 12 14" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE 1000 PSI - ROTARY 130 RPM - W08 - 15'-30 K - TORQUE OFF BOTTOM - 1100 FT/LB - TORQUE OFF BOTTOM - 1100 FT/LB - TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 - PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 100 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  12:00 - 14:00 2.00 TOM WITH 12 14" BHA  14:00 - 14:30 0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE   |          | 04.30 - 00.00 | *1.30 3F QDDED, WEEL AT 02.30  |  |                                    |  |             |
| - PUMP PRESSURE = 750 PSI - ROTARY = 130 - WOB = 10-12 - TORQUE ON BOTTOM = 1700 - TORQUE ON BOTTOM = 1700 - TORQUE ON BOTTOM = 1700 - TORQUE OF BOTTOM = 1700 - TORQUE OF BOTTOM = 1700 - TORQUE OF BOTTOM = 1700 - TORQUE ON BOTTOM = 1700 - SAFETY BREAK: HOUSE CLEANING  - PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB - TORQUE ON BOTTOM - 1700 FT/LB - TORQUE OF BOTTOM - 1100 FT/LB - TORQUE OFF BOTTOM - 1100 FT/LB  - TORQUE OFF BOTTOM - 1100 FT/LB - TORQUE OFF BOTTO |          |               |  | HOLE FROM 235' TO 415'   |                                    |  |             |
| - PUMP PRESSURE = 750 PSI - ROTARY = 130 - WOB = 10-12 - TORQUE ON BOTTOM = 1700 - TORQUE OF BOTTOM = 1700 - TORQUE OF BOTTOM = 1700 - TORQUE OF BOTTOM = 1700  MUD WT = 9.0 PPG VIS 48. PUMP 10 BBLS SWEEPS EVERY 90'OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING  08:00 - 11:00 - S.00 DRILLED 12 1/4" SURFACE HOLE FROM 415" TO 815" - 400" @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470" = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 - 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  12:00 - 14:00 - 2.00 TOH WITH 12 1/4" BHA  14:00 - 14:30 - 2.00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 798'  16:30 - 17:00 - 0.50 CIRCULATE HOLE   |          |               | AVG. ROP = 118/HR  |  | n na kalan Marikan<br>Kalan Santan |  | · · · · · · |
| - PUMP PRESSURE = 750 PSI - ROTARY = 130 - WOB = 10-12 - TORQUE ON BOTTOM = 1700 - TORQUE OF BOTTOM = 1100  MUD WT = 9.0 PPG VIS 48. PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING  06:00 - 11:00  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00   |          |               | - PUMP RATE= 400 GPM   |  |                                    |  | ÷.,         |
| - WOB = 10-12 - TORQUE ON BOTTOM = 1700 - TORQUE OFF BOTTOM = 1100  MUD WT = 9.0 PPG VIS 48. PUMP 10 BBLS, SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB - TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 - 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING 12:00 - 14:00 - 2.00 TOH WITH 12 1/4" BHA  14:00 - 14:30 - 0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING  14:30 - 16:30 - 20 PJSM - RUNNINING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 - 0.50 CIRCULATE HOLE  |          |               |  | PSI  |                                    |  |             |
| - TORQUE ON BOTTOM = 1700 - TORQUE OFF BOTTOM = 1100  MUD WT = 9.0 PPG VIS 48. PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING  06:00 - 11:00  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT / HR.  - PUMP PARTE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15: 30 K - TORQUE ON BOTTOM - 1700 FT/LB - TORQUE ON BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00   |          |               |  |  |                                    |  |             |
| -TORQUE OFF BOTTOM = 1100  MUD WT = 9.0 PPG VIS 48. PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING  06:00 - 11:00  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  12:00 - 14:00  2.00 TOH WITH 12 1/4" BHA  14:00 - 14:30  0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00  0.50 CIRCULATE HOLE   |          |               |  | 1700   |                                    | tana da kacamatan d<br>Kacamatan da kacamatan da kacama |             |
| PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING:  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15-30 K - TORQUE ON BOTTOM - 1700 FT/LB TORQUE OF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  12:00 - 14:00 2.00 TOH WITH 12 1/4" BHA  14:00 - 14:30 0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING  14:30 - 16:30 2.00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE   |          |               |  | the second secon |                                    |  |             |
| PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SAFETY BREAK: HOUSE CLEANING:  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415' TO 815' 400' @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15- 30 K - TORQUE ON BOTTOM - 1700 FT/LB TORQUE OR BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  12:00 - 14:00 2.00 TOH WITH 12 1/4" BHA  14:00 - 14:30 0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING  14:30 - 16:30 2.00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE  |          |               |  |  |                                    |  |             |
| SAFETY BREAK: HOUSE CLEANING  06:00 - 11:00  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415" TO 815"  400" @ 80 FT / HR.  - PUMP PATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90" OR AS NEEDED  SURVEY AT 470" = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING  12:00 - 14:00 2:00 TOH WITH 12 1/4" BHA  14:00 - 14:30 0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING  14:30 - 16:30 2.00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796"  |          |               |  | and the second of the second o |                                    |  | an Jedan    |
| 06:00 - 11:00  5.00 DRILLED 12 1/4" SURFACE HOLE FROM 415" TO 815" 400" @ 80 FT / HR.  - PUMP RATE:  |          |               | reflection of the control of the con | VERT 90 OR AS NEEDED   |                                    | 어느 없는 사람들이 살아지다.   |             |
| 400' @ 80 FT / HR.  - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00 1.00 PJSM - CIRCULATE & CONDITION HOLE FOR SURFACE CASING 12:00 - 14:00 2.00 TOH WITH 12 1/4" BHA  14:00 - 14:30 0.50 RIG UP CASING EQUIPMENT TO RUN 8 5/8" CASING 14:30 - 16:30 2.00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS: - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE   |          |               | SAFETY BREAK: HOUSE C  | LEANING  |                                    |  |             |
| - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB TORQUE OFF BOTTOM - 1100 FT/LB - TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00   |          | 06:00 - 11:00 |  | HOLE FROM 415' TO 815'   |                                    |  |             |
| - PUMP PRESSURE - 1000 PSI - ROTARY - 130 RPM - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  |          |               | - PUMP RATE -  | 435 GPM  |                                    |  |             |
| - WOB - 15 - 30 K - TORQUE ON BOTTOM - 1700 FT/LB - TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  |          |               |  |  |                                    |  |             |
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| - TORQUE OFF BOTTOM - 1100 FT/LB  MUD WT = 9.0 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  |          |               |  |  |                                    |  |             |
| PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  |          |               |  |  |                                    |  |             |
| PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED  SURVEY AT 470' = 1 DEG  SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  |          |               | MUD WT = 9.0 PPG VIS 48  |  |                                    |  |             |
| SAFETY BREAK: MIXING MUD & CHEMICALS  11:00 - 12:00  |          |               |  | VERY 90' OR AS NEEDED  |                                    |  |             |
| 11:00 - 12:00  |          |               | SURVEY AT 470' = 1 DEG   |  |                                    |  |             |
| 11:00 - 12:00  |          |               | SAFETY BREAK: MIXING M   | IUD & CHEMICALS  |                                    |  |             |
| 14:00 - 14:30  |          | 11:00 - 12:00 |  |  | CE CASING                          |  | -1          |
| 14:30 - 16:30 2.00 PJSM - RUNNING CASING  RUN 8 5/8" SURFACE CASING AS FOLLOWS:  - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE   |          | 12:00 - 14:00 | 2.00 TOH WITH 12 1/4" BHA  |  |                                    |  |             |
| RUN 8 5/8" SURFACE CASING AS FOLLOWS:  - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE   |          | 14.00 - 14.30 | 0.50 RIG UP CASING EQUIPME   | NT TO RUN 8 5/8" CASING  |                                    |  |             |
| - TX PATTERN SHOE - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE  |          | 14:30 - 16:30 | 2.00 PJSM - RUNNING CASING   |  |                                    |  |             |
| - 1 SHOE JOINT WITH INSERT FLOAT - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00 0.50 CIRCULATE HOLE  |          |               | RUN 8 5/8" SURFACE CASI  | NG AS FOLLOWS:   |                                    |  |             |
| - 18 JOINTS OF 8 5/8" 24# J-55 STC  SET AT 796'  16:30 - 17:00   |          |               | - TX PATTERN SHOE  |  |                                    |  |             |
| SET AT 796'<br>16:30 - 17:00 0.50 CIRCULATE HOLE   |          |               |  |  |                                    |  |             |
| 16:30 - 17:00 0.50 CIRCULATE HOLE  |          |               | - 18 JOINTS OF 8 5/8" 24# J  | J-55 STC   |                                    |  |             |
| 16:30 - 47:00 0.50 CIRCULATE HOLE  |          |               | SET AT 796'  |  |                                    | ·  |             |
| HOLD PJSM - WITH HALLIBURTON AND RIG CREW FOR CEMENT JOB   |          | 16:30 - 17:00 |  |  |                                    | in with the same of the same   |             |
| HOLD PJSM - WITH HALLIBURTON AND RIG CREW FOR CEMENT JOB   |          |               | LIOLD DIGHT MATERIAL   | NIDTON AND DIG COST  |                                    |  |             |
| 17:00 - 17:30 0.50 RIG UP CEMENTING HEAD AND EQUIPMENT   |          | 17:00 17:30   |  |  | OR CEMENT JOB                      |  |             |
| 17.00 - 17.00 0.00 RIG OF CEINEN THAS READ AND EQUIPMENT   |          | 17.00 - 17.30 | 0.00 RIG OF CEINENTING HEAD  | VIAN EGOILMENT   | <del></del>                        |  | ·····       |

10/1/2012 5:46:13PM

#### OCCIDENTAL PERMIAN LTD.

#### Operation Summary Report

BRAVO DOME UNIT 1832 191G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

| Project: BRAVO DOME Prim, Reason: ORIG DRILL VERT  |
|--|
| Site: BRAVO DOME C02 UNIT Start Date: 6/24/2011  |
| End Date: 6/28/2011 Rig Name: TRINIDAD 216   |
| # Date Time Hrs Op Details   |
| Start-End #  |
| 17:30 - 18:00 0.50 BREAK FORMATION WITH 20 BBLS OF FRESH WATER - PUMP RATE = 6 BBL/MIN   |
| PUMPED (600 SACKS) OF 14.8 PPG PREMIUM PLUS CEMENT - 2% CaCl2  |
| - 0.125 lbm/sk Poly-E-Flake  |
| - YIELD: 1.35 CUFT/SACK  |
| - PUMP RATE = 6 BBL/MIN  |
| - PRESSURE = 178 PSI   |
| DISPLACED WITH 50 BBLS OF FRESH WATER  |
| - PUMP RATE = 6.5 BBL/MIN  |
| - PRESSURE = 250 PSI   |
| RETURNED 300 SACKS (72 BBLS) TO SURFACE  |
| PLUG DOWN AT 18:00   |
| DID NOT BUMP PLUG / PUMPED 0.5 BBL OVER DISPLACEMENT, SHUT IN 5 MINUTES, CHECKED FLOAT   |
| AND FLOAT HELD   |
| 18:00 - 19:00 1.00 RIG DOWN HALLIBURTON  |
| 19:00 - 00:00 5.00 WOC 4 HRS, BACK OFF LANDING JT, START RIG UP BOP  |
| 3 06/26/2011 00:00 - 04:00, 4.00 NIPPLE UP BOP, FILL UP PIT  |
| SAFETY BREAK: STOP WORK AUTHORITY  |
| 04:00 - 06:00 2:00 TESTED BOP, TEST FAILED   |
| NIPPLED DOWN 9" BOP & CHANGE OUT WITH 11" 3,000# HYDRILL ANNULAR BOP   |
| 06:00 - 11:00 5.00 NIPPLE UP & TEST 11" BOP  |
| 11:00 - 13:00 2.00 MADE UP NEW 7 7/8" BIT AS FOLLOWS:  |
| - 7 7/8" VAREL TRI-CONE BIT  |
| - FLOAT SUB WITH FLOAT AND CROWFOOT  |
| - 18 - 6" DRILL COLLARS  |
|  |
| T I H & TAG CEMENT @ 746'  13:00 - 13:30   |
| 13:00 - 13:30  |
| 14:00 - 18:00 4:00 DRILLED CEMENT & FLOAT EQUIPT. FROM 746 TO 815  |
| 394 @ 98 FT / HR.  |
|  |
|  |
| The Control of the PUMP PRESSURE Fig. 130 (1000 PS) からからを振りませる。 A Self-Self-Self-Self-Self-Self-Self-Self-   |
| - ROTARY - 100 RPM   |
| -WOB - 25-30 K<br>- TORQUE ON BOTTOM - 1200 FT/LB.   |
| - TORQUE OFF BOTTOM 1100 FT/LB   |
| 【      的复数分析的 机工作 经投票的 网络马尔特斯 化基础性质 化二氯苯磺胺酚 化二二烷 的复数电路 医二十二 整合环境   |
| MUD WT = 8.5 PPG VIS 48  |
| PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED 1. The state of the state o |
| SAFETY BREAK: MAKING CONNECTIONS   |
| 18:00 - 20:00  |
|  |
| - PUMP RATE - 435 GPM  |
| - PUMP PRESSURE - 1000 PSI<br>- ROTARY - 100 RPM   |
| - KOTAKT - 100 KPM - WOB - 25-30 K   |
| - TORQUE ON BOTTOM - 1200 FT/LB.   |
| - TORQUE OFF BOTTOM - 1100 FT/LB   |
| MUD WT = 8.5 PPG VIS 48  |
| PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED   |
| SAFETY BREAK: STAYING HYDRATED   |
|  |

3 10/1/2012 5:46:13PM

# OCCIDENTAL PERMIANILTD. Operation Summary Report BRAVO DOME UNIT 1832 191G Event Name: DEV DRILLING BRAVO DOME Prim Recession OPIG DRILL VERT

| Project:<br>Site:     | BRAVO DO<br>BRAVO DO | OME UNIT 1832 1 OME OME CO2 UNIT | 191G  |
|-----------------------|----------------------|----------------------------------|---|
| Site:                 | BRAVO Do             | OME C02 UNIT                     | Start Date: 6/24/2011   |
| 292 - 1141 0 - 104000 | Date                 |                                  |   |
| #                     |                      | Time                             |   |
|                       |                      | 111110                           | Hirs Op Details   |
|                       |                      | Start-End                        |   |
|                       |                      | 20:00 - 20:30                    | 0.50 WIRELINE SURVEY @ 1278' 2.500 DEGREE                                     |
| i<br>Tananan          |                      | 20:30 - 00:00                    | 3.50 DRILLED 7 7/8" PRODUCTION HOLE FROM 1307' TO 1474'                       |
| 1.0                   |                      |                                  |   |
|                       | j                    |                                  | PUMP RATE - 435 GPM   |
|                       | in Section 1         |                                  | PUMP PRESSURE - 1000 PSI - 100RPM   |
|                       |                      |                                  | - ROTARY  |
|                       |                      |                                  | TORQUE ON BOTTOM - 1200 FT/LB.  |
|                       |                      |                                  | - TORQUE OFF BOTTOM - 1100 FT/LB  |
|                       |                      |                                  | MUD WT = 8.5 PPG VIS 48   |
|                       |                      |                                  | PUMP 10 BBLS SWEEPS EVERY 90 OR AS NEEDED                                     |
| ٠٠.                   | ·                    | *                                |   |
| • '                   |                      |                                  |   |
|                       |                      |                                  | SAFETY BREAK: MEET AND GREET  |
| 4 06/                 | 27/2011              | 00:00 - 02:00                    | 2.00 DRILLED 7 7/8" PRODUCTION HOLE FROM 1474' TO 1558'                       |
|                       |                      |                                  | 84' @ 42 FT / HR.   |
|                       |                      |                                  | - PUMP RATE - 435 GPM   |
|                       |                      |                                  | - PUMP PRESSURE - 1000 PSI  |
|                       |                      |                                  | - ROTARY - 100 RPM  |
|                       |                      |                                  | - WOB - 20-25 K<br>- TORQUE ON BOTTOM - 1200 FT/LB.                           |
|                       |                      |                                  | - TORQUE OFF BOTTOM - 1100 FT/LB  |
|                       |                      |                                  | AND LOS   |
|                       |                      |                                  | MUD WT = 8.5 PPG VIS 48 PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED            |
|                       |                      |                                  | TOWN TO BBEG GWEET & EVERY 30 OK AS NEEDED                                    |
| 1 1 1 1 1             | Ty are               |                                  | SAFETY BREAK: HAND RAIL SAFETY  |
|                       |                      | 02:00 - 02:30                    | 0.50 WIRELINE SURVEY @ 1528' = 1.5 DEGREE                                     |
|                       |                      | 02.30 - 06.00                    | 3.50 DRILLED 7 7/8" PRODUCTION HOLE FROM 1558' TO 1755"<br>197' @ 57 FT / HR. |
|                       |                      |                                  | - PUMP RATE - 435 GPM   |
|                       |                      |                                  | - PUMP PRESSURE - 1000 PSI  |
|                       |                      |                                  | - ROTARY - 100 RPM<br>- WOB - 20-25 K   |
|                       |                      |                                  | - TORQUE ON BOTTOM - 1200 FT/LB.  |
|                       |                      |                                  | - TORQUE OFF BOTTOM - 1100 FT/LB  |
|                       |                      |                                  | MUD WT = 8.5 PPG VIS 48   |
|                       |                      |                                  | PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED                                    |
|                       |                      |                                  | SAFETY BREAK: HOUSE CLEANING  |
|                       | 1.00                 | 06:00 - 10:00                    | 4:00 DRILLED 7 7/8" PRODUCTION HOLE FROM 1755' TO 1992'                       |
|                       |                      |                                  | -237 ' @ 60 FT / HR.  |
| •                     | -1-1                 |                                  | DIMPRATE  |
|                       |                      |                                  | - PUMP RATE - 435 GPM - PUMP PRESSURE - 1000 PSI                              |
|                       |                      |                                  | - ROTARY  |
|                       |                      |                                  | - WOB - 20-25 K   |
|                       | 5. ,                 |                                  | - TORQUE ON BOTTOM - 11200 FT/LB.<br>- TORQUE OFF BOTTOM - 11100 FT/LB        |
|                       | , , ,                |                                  |   |
| 100                   | ( )                  |                                  | MUD WT =  |
|                       |                      |                                  | PUMP 10 BBLS SWEEPS EVERY 90' OR AS NEEDED                                    |
|                       |                      |                                  | SAFETY BREAK: STOP WORK AUTHORITY   |
|                       |                      | 10:00 - 10:30                    | 0.50 WIRELINE SURVEY @ 2022' = 1.25 DEG                                       |
|                       |                      |                                  |   |

10/1/2012 5:46:13PM

# OCCIDENTAL PERMIAN LTD.

## **Operation Summary Report**

Well: BRAVO DOME UNIT 1832 191G

Event Name: DEV DRILLING

Project: BRAVO DOME

BRAVO DOME C02 UNIT

Prim. Reason: ORIG DRILL VERT 6/24/2011

| Site:       | BRAVO DOME C02 UNIT        | Start Date:  | 6/24/2011              |  |
|-------------|----------------------------|--|------------------------|--|
| ~~          |                            | End Date:  | 6/28/2011              | Rig Name: TRINIDAD 216   |
| #           | Date Time                  | Hrs Op Details                                     |                        | addisorter   |
|             | Start-End<br>10:30 - 14:00 | 3.50 DRILLED 7 7/8" PRODUC                         | TION HOLE EDOM         | 1002/ TO 2440/   |
|             | 10.50 - 14.60              | 148 ' @ 42 FT / HR.                                | HON HOLE FROM          | 1992 10 2140   |
|             |                            |  |                        |  |
|             |                            | - PUMP RATE -                                      | 435 GPM                |  |
|             |                            | - PUMP PRESSURE -                                  | 1000 PSI               |  |
|             |                            | - ROTARY -<br>- WOB -                              | 100 RPM                |  |
|             |                            | - TORQUE ON BOTTOM -                               | 20-25 K<br>1200 FT/LB. |  |
|             |                            | - TORQUE OFF BOTTOM                                |                        |  |
|             |                            | 75/1452 5/1 25/16/11                               |                        |  |
|             |                            | MUD WT ≈   | 8.5 PPG VIS 48         |  |
|             |                            | PUMP 10 BBLS SWEEPS                                | EVERY 90' OR AS I      | NEEDED   |
|             |                            | SAFETY BREAK: WORKIN                               | IC IN MINDY CONF       | DITIONS  |
| ٠.          | 14:00 - 16:30              | 2.50 DRILLED 7 7/8" PRODUC                         |                        |  |
|             |                            | 70 ' @ 28 FT / HR.,                                | HOW HOLL I KOW!        | 2140 10 2210   |
|             |                            |  |                        |  |
|             | 그는 사람들은 생활에 되었다.           | - PUMP RATE -                                      | 435 GPM                |  |
|             |                            | - PUMP PRESSURE                                    | 1000 PSI               |  |
| 1 - 1 :     |                            | - ROTARY -   | 100 RPM                |  |
|             |                            | - WOB -  | 20-25 K                |  |
|             |                            | - TORQUE ON BOTTOM -                               |                        |  |
|             |                            | - TORQUE OFF BOTTOM                                | - 1100 FT/LB           |  |
|             |                            | MUD ME   | 0.5. DDO 1/10.40       |  |
|             |                            | MUD WT =   | 8.5 PPG VIS 48         | しゅうしゅう しゅうしゅう ちゅんにんき かいしゅう しゅうしん おしゅう カー・カル・カー 連携して  |
|             |                            | PUMP 10 BBLS SWEEPS                                | EVERT 90 OR AS I       |  |
|             |                            | SAFETY BREAK: FORKLII                              | FT SAFETY              |  |
|             | 16:30 - 17:30              | 1.00 WAITING TO HEAR FROM                          |                        | <del>andron of the state of the sta</del> |
|             | 17:30 - 19:30              | 2.00 DRILLED 7.7/8" PRODUC                         | TION HOLE FROM :       | 2210' TO 2260'   |
|             |                            | 50 ' @ 25FT / HR.                                  |                        | [[일시][[일호] 보고 하는 사람들이 살았다. 그렇게   |
|             |                            |  |                        |  |
|             |                            | - PUMP RATE -                                      | 435 GPM                |  |
|             |                            | - PUMP PRESSURE -                                  | 1000 PSI               | 게 있었다면 집안 모든 사이가 하는 것은 그는 모그리를 불었다.  |
| 300         |                            | - ROTARY -   | 100 RPM                |  |
|             | મોં એક સ્ફોરિસ્ટ્રેસિસિસ   | - WOB -<br>- TORQUE ON BOTTOM -                    | 20-25 K<br>1200 FT/LB  | 그녀의 그 내용하루는 아이에 나를 잃으면 되었다고 밝혔습니.  |
|             |                            | - TORQUE ON BOTTOM -                               | A .                    |  |
|             |                            | - TORQUE OFF BOTTOM                                | - 110011765            | 그들도 이 홍토과 맞춰 이 사람이 얼마를 보는 사람이 없었다.   |
|             |                            | MUD WT =   | 8.5 PPG VIS 48         |  |
|             |                            | PUMP 10 BBLS SWEEPS                                |                        |  |
|             |                            |  |                        |  |
|             |                            | TOP OF CIMMARRON = 2                               | 220'                   |  |
|             |                            | BOTTOM OF CIMARRON                                 | = 2240'                |  |
|             |                            | TD = 2260'   |                        |  |
|             |                            |  |                        |  |
| <u> </u>    | 40.00 00.00                | SAFETY BREAK: TRIPPIN                              |                        |  |
| <del></del> | 19:30 - 22:00              | 2.50 CONDITION HOLE TO LO                          |                        |  |
|             | 22:00 - 00:00              |  |                        | 230' = 1.000 DEG   |
| 5 (         | 06/28/2011 00:00 - 03:00   | CONFIRMATION                                       | IMARRON PICK, DE       | ECISION MADE IN TOWN TO RUN GR LOG FOR   |
|             |                            | OOM MANATION                                       |                        |  |
|             |                            | RIG UP AND LOG 5 1/2 P                             | RODUCTION HOLE         | E, RIG DOWN, EMAIL DATA  |
|             |                            | TOP OF CIMMARRON BY                                | WIRELINE 2206'         |  |
|             |                            | BOTTOM - 2227'                                     |                        |  |
|             |                            | TD - 2252'   |                        |  |
|             |                            |  |                        |  |
|             |                            | TOD OF 611 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1       | BBU   BI==             |  |
|             |                            | TOP OF CIMMARRON BY                                | DRILL PIPE 2220'       |  |
|             |                            | TOP OF CIMMARRON BY<br>BOTTOM - 2240'<br>TD - 2260 | DRILL PIPE 2220'       |  |

10/1/2012 5:46:13PM

#### OCCIDENTAL PERMIAN LTD

#### **Operation Summary Report**

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|---|--|---|---|------------------------|-----------------------|
| Well:                                   | BRAVO DOME UNIT 1832 191G  | Event Name:   | DEV DRILLING  |                        |                       |
| Project:                                | BRAVO DOME   | Prim. Reason:   | ORIG DRILL VERT   |                        |                       |
| Site:                                   | BRAVO DOME CO2 UNIT  | Start Date:   | 6/24/2011   |                        |                       |
|   |  | End Date:   | 6/28/2011   | Rig Name:              | TRINIDAD 216          |
| #                                       | Date Time Hrs Op Deta  | ils   | 100   | 1995                   | A PORT OF THE SERVICE |
|   | Start-End<br>03:00 - 06:00   | AMEETING WITH E   | RIG CREW TO RUN CAS   | ·NC                    |                       |
|   | 03.00 - 06.00 3.00 SAFETY  | WEETING WITH F  | RIG CREW TO RUN CAS   | ing                    |                       |
| ĺ                                       | RUN 5  | /2" PRODUCTION  | CASING TO 2254'   |                        |                       |
| ļ                                       | TEVA   | DATTERN CHOC  |   |                        |                       |
| l                                       |  | S PATTERN SHOE<br>OE JOINT  | •   |                        |                       |
|   |  | T FLOAT   |   |                        | •                     |
|   | - 56 JTS   | OF 5 1/2" 15.5# J-  | 55 LTC  |                        |                       |
|   | 06:00 - 07:00 1:00 SAFETY  | MEETING WITH F  | IALLIBURTON   |                        |                       |
|   | PIG LIP  | CEMENTING HEAD  | D AND EQUIPMENT   |                        |                       |
|   |  | D CEMENT JOB AS   |   |                        |                       |
|   |  |   |   |                        |                       |
| 1                                       | - 20 BBI   | _ FRESH WATER S   | SPACER AT 5 BBL/MIN A   | ND 175 PSI             |                       |
|   | - 300 SA   | ACKS OF PREMIUM   | I PLUS MIDCON 2 W/2%  | 6 CC LEAD CEMENT       |                       |
|   |  | - 11.1 PPG  |   | V 00, 11.15 02.11.5.11 |                       |
|   |  | <ul> <li>YIELD = 3.25 CU</li> </ul>   |   |                        |                       |
|   |  | 25 LBM POLY-E   |   |                        |                       |
|   |  | <ul> <li>PUMP RATE = 5.9</li> <li>PUMP PRESSUR</li> </ul>   |   |                        |                       |
|   |  | - 1 01411 1 1120001   | (C - 2201 OI  |                        |                       |
|   | - 150 SA   |   | I PLUS MIDCON W/2%  | CC                     |                       |
| ļ                                       |  | - 13.2 PPG  | DUET/04.014   |                        |                       |
|   |  | - YIELD = 1.85 (<br>25 LBM POLY   |   |                        |                       |
|   |  | - PUMP RATE =   |   |                        |                       |
| ļ                                       |  | - PUMP PRESS  |   |                        |                       |
| i                                       |  |   |   |                        |                       |
|   | - DISPL  | ACE WITH 53 BBL   | S OF FRESH WATER  |                        |                       |
|   | RIMPE  | D PLUG AT 1014 P  | ·SI   |                        |                       |
|   | DOIVII L   | .5 , 200 / (1014)   | <b>.</b>  |                        |                       |
| I                                       | CIRCUI   | ATED 144 SACKS  | TO SURFACE  |                        |                       |

CIRCULATED 144 SACKS TO SURFACE

08:00 - 12:00 4:00 WOC

WHILE WOC CLEAN PITS

SAFETY BREAK: STOP WORK AUTHORITY

12:00 - 18:00 6.00 RIG DOWN BOP

RIG DOWN RIG AND EQUIPMENT PREPARE TO MOVE TO NEW LOCATION

RELEASE RIG AT 18:00

10/1/2012 5:46:13PM