

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

RECEIVED
2007 OCT 5 PM 12 15

WELL API NO. 30-021-20425	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. L0-5861	
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1831	
8. Well Number 021	
9. OGRID Number 16696	
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4443'	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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 COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 10/3/07

Type or print name David Stewart

E-mail address:

Telephone No. 432-685-5717

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/10/07

Conditions of Approval, if any:

BDCDGU 1831-021

Date: 09/18/2007

Supervisor 1:

B. J. KENNEDY

MOVE IN RIG, RIG UP, OXY PRESUPD SAFETY RIG INSPECTION

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 448' USING 10/12 AVERAGE WOB, 120 ROTARY RPMS, 380 GPM @ 750 PUMP PSI

INCLINATION SURVEY AT 418' - 1.75 DEGREES

DRILLED 12.25" SURFACE HOLE FROM 448' TO 715' USING 10/15 AVERAGE WOB, 120 ROTARY RPMS, 380 GPM @ 750 PUMP PSI

CIRCULATE HOLE CLEAN, INCLINATION SURVEY AT 705' - 1.25 DEGREES, TOH WITH 12-1/4" DRILLING ASSEMBLY

RUN 14 JOINTS (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 617.44'. CASING ELEVATORS CAME OPEN JUST AS WE WERE GOING TO SET THE SLIPS, DROPPED CASING STRING IN THE HOLE.

Date: 09/19/2007

Supervisor 1:

B. J. KENNEDY

PICKED UP AND RUN 2 1/2 MORE JOINTS OF CASING IN THE HOLE, TAG CASING, SCREWED INTO FISH,

TOH, LAY DOWN CASING STRING, RECOVER ALL OF FISHED CASING. WAIT ON NEW SURFACE CASING STRING TO BE DELIVERED

RIG UP TO RUN CASING, SAFETY MEETING

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 705.39' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (704.59' TO 705.39') - 1 CSG. INSERT FLOAT (661.11') - 16 JOINTS CSG

5 CENTRALIZER FROM 50.07' TO 661.11.

RIG UP HALLIBURTON CEMENTERS. CIRCULATE, SAFETY MEETING WITH HALLIBURTON

PUMP 400 SACKS OF LEAD PREMIUM PLUS CEMENT MIXED TO 14.8 PPG, 1.35 YIELD AT 6 BPM WITH 150 PSI

DROPPED PLUG @ 14:52. DISPLACED CEMENT WITH 42.3 BBLs FRESH WATER USING HALLIBURTON PUMP TRUCK AT 6 BPM WITH 250 PSI FINAL DISPLACEMENT PRESSURE. PLUG DID NOT BUMP, FLOAT EQUIPMENT HOLDING OK. CIRCULATE 83 SKS / 20 BBLs TO PIT. WOC

NIPPLE UP BOP, TIH, TAG CEMENT @ 656'

TEST BOP, CSG & INSIDE WELLHEAD VALVE TO 1000# FOR 30 MINUTES. TEST OUTSIDE WELLHEAD VALVE TO 1000# FOR 15 MINUTES

CHANGE BEARINGS ON RIGHT ANGLE DRIVE ON DRAW WORKS

Date: 09/20/2007

Supervisor 1:

B. J. KENNEDY

COMPLETE RIG REPAIRS. TAG CEMENT @ 656', DRILL INSERT FLOAT AND CEMENT

DRILLED 7.875" PRODUCTION HOLE FROM 715' TO 1116' USING 20-30 AVERAGE WOB, 70-80 ROTARY RPMS, 380 GPM @ 750 PUMP PSI

WIRELINE SURVEY @ 1085 = 1.75 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1116' TO 1270' USING 20-30 AVERAGE WOB, 70-80 ROTARY RPMS, 380 GPM @ 750 PUMP PSI

DRILLED 7.875" PRODUCTION HOLE FROM 1270' TO 1523' USING 30-32 AVERAGE WOB, 70-80 ROTARY RPMS, 380 GPM @ 800 PUMP PSI

Date: 09/21/2007

Supervisor 1:

SHANNON RICE

DRILLED 7.875" PRODUCTION HOLE FROM 1523' TO 1618' USING 30-32 AVERAGE WOB, 70-80 ROTARY RPMS, 386 GPM @ 800 PUMP PSI

CIRCULATE 5 MINUTES, CONNECTION & WIRELINE SURVEY @ 1586' = 1.25 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1618' TO 1869' USING 30-32 AVERAGE WOB, 70-80 ROTARY RPMS, 386 GPM @ 850 PUMP PSI

DRILLED 7.875" PRODUCTION HOLE FROM 1869' TO 2024' USING 30-32 AVERAGE WOB, 70-80 ROTARY RPMS, 386 GPM @ 900 PUMP PSI. AT 1900' CLEAN PITS, RETURN TO FRESH WATER, & CIRCULATE RESERVE PIT. AT 1975' RETURN TO STEEL PITS & MUD UP FOR LOGS

CIRCULATE 5 MINUTES, CONNECTION & WIRELINE SURVEY @ 1996' = 1.50 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 2024' TO 2240' TD USING 30-32 AVERAGE WOB, 70-80 ROTARY RPMS, 386 GPM @ 900 PUMP PSI. AT 2024' RUN FLUID CALLIPER WITH 9.0 PPG MW 63 SPM, 386 GPM CIRCULATED FLUID CALLIPER IN 13.25 MINUTES

ENCOUNTERED TOP OF CIMARRON AT 2024' - ENCOUNTERED TOP OF TUBB AT 2042'

CIRCULATE FOR LOGS. WIRE LINE SURVEY AT 2240 = 1.75 DEGREE

TRIP OUT OF HOLE. RIG UP HALLIBURTON TO RUN OPEN HOLE ELECTRIC LOGS

Date: 09/22/2007

Supervisor 1:

SHANNON RICE

RUN OPEN HOLE WIRELINE LOGS. RIG DOWN LOGGERS. REPAIR STINGER ON BOOM & FITTING ON TOP DRIVE

RUN (5.500), (5.3), (FIBERGLASS), (10 RD) CASING FROM 6.60' TO 2052.65' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND (5.500), (15.50), (J-55), (ST&C) FROM 2052.65' TO 2233.66' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE SET AT 2233.66 - 3 JOINTS STEEL CSG. - INSERT FLOAT AT 2222.77' - 69 JOINTS FIBERGLASS CSG. (2052.65' TO 6.6')

RIG DOWN CASING EQUIPMENT. RIG UP HALLIBURTON, & PRE JOB SAFETY MEETING

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

PUMP 20 BBLs FRESH WATER AHEAD.

PUMP 400 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 6 BPM WITH 200 PSI

PUMP TRUCK BROKE DOWN, 300 SACKS INTO LEAD, TURNED OVER TO RIG & PUMPED CEMENT TO PIT

CIRCULATE & WAIT ON PUMP TRUCK, AND 400 SACKS LEAD CEMENT

Date: 09/23/2007

Supervisor 1:

SHANNON RICE

WAIT ON 400 SACKS LEAD CEMENT, & PUMP TRUCK

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

PUMP 20 BBLs FRESH WATER AHEAD. PUMP 400 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 7 BPM WITH 100 PSI AND 150 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 13.2 PPG AT 7 BPM WITH 150 PSI AND DROPPED TOP PLUG.

DISPLACED CEMENT WITH 48.9 BBLs (FRESH WATER) USING HALLIBURTON AT 7 BPM WITH 400 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 850 PSI. HELD PRESSURE FOR 1 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRC 171 SACKS/ 100 BBLs TO SURFACE. PLUG DOWN AT 10:20 HOURS ON 09/22/2007. WOC. NIPPLE DOWN BOPE. RIG RELEASED AT 14:30 09/22/2007