

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

2007 AUG 13 PM 4:11

1. **Type of Well**
GAS

RECEIVED
BLM
210 FARMINGTON NM

2. **Name of Operator**
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. **Address & Phone No. of Operator**

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit P (SESE), 1150' FSL & 850' FEL, Sec. 31, T27N, R9W NMPM

5. **Lease Number**
NMSF-078007

6. **If Indian, All. or
Tribe Name**

7. **Unit Agreement Name**

Huerfano Unit

8. **Well Name & Number**

9. **Huerfano Unit 144
API Well No.**

30-045-11559

10. **Field and Pool**

11. **Basin DK
County and State
San Juan, NM**

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

☒ Notice of Intent (SI status)

☒ Subsequent Report

☐ Final Abandonment

Type of Action:

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-off

☐ Conversion to Injection

☐ Other :

13. Describe Proposed or Completed Operations

Summary:

On July 24, 2007, the rig moved on this well. The CIBP (Cast Iron Bridge Plug) was set @ 6690', which is 42' above the top Dakota perforations. The interval (3,936' - 4,633') failed the pressure test, indicating holes in the casing. This interval reflects the behind-pipe MV (Cliff House/Menefee) which is known to have corrosive water zones. A subsequent caliper log verified severely damaged casing and further isolated the locations of the casing leaks. Please see attached details of subsequent work.

On a NOI dated 8/3/07 we requested to do a cement squeeze, after running the caliper log & conducting the PT it was determined that to go forward with remediation of the DK would be un-economical. Therefore we would like to retain permission to leave the well shut in for 6 months while we check for up-hole potential and put together a procedure to either P&A the well or plug back the DK and re-complete up-hole.

Verbal approval was given by Steve Mason w/ BLM & Henry Villanueva w/ OCD to keep this well shut in until 2/2008

RCVD AUG 16 '07
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed

Philana Thompson

Philana Thompson

Title Regulatory Technician

Date 8/13/07

(This space for Federal or State Office use)

APPROVED BY **Original Signed: Stephen Mason** Title

Date **AUG 14 2007**

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

Huertano Unit 144
API 30-045-11559
S31,T27N, R9W
NMSF-078007

7/24/07 MIRU Aztec 376. Blow well down. ND WH, NU BOP. Unseat donut, PU tbg, stuck. Work stuck tbg. Move tbg. 15', pulling 50K~ well started blowing heavy condensate. TOO H w/ tbg. PICK UP POWER SWIVEL, RIG UP AIR, ESTABLISH CIRCULATION, ATTEMPT TO DRILL THRU BAD SPOT IN CASING, (COULD NOT MAKE ANY HOLE) BLEED OFF AIR, RACK POWER SWIVEL, TOO H, LAY DOWN 3 7/8" BIT MAKE UP & TIH W/ 3 7/8" TAPERED MILL ON 2 3/8" TUBING, TO /4136'
PICK UP POWER SWIVEL, RIG UP AIR, Estb CIRC & CONTINUE TO MILL THRU BAD SPOT IN CASING, FELL THRU, REAM OUT BAD SPOT IN CASING RACK POWER SWIVEL, CONTINUE TIH TAG 2ND BAD SPOT @ 4453', PICK UP POWER SWIVEL, RIG UP AIR, Estb CIRC, & MILL ON BAD SPOT IN CASING, @ 4453', FELL THRU, REAM OUT BAD SPOT TIH TAG 3RD BAD SPOT IN CASING @ 6162'. PICK UP POWER SWIVEL, PICK UP POWER SWIVEL, RIG UP AIR, Estb CIRC, CLEAN OUT WITH AIR MIST FROM / 6763' . TO / 6857', (STUCK) BLEED OFF AIR RACK POWER SWIVEL, TIH ABOVE DK PERFS. BLOW WELL DOWN, 460# SHUT IN CASING PRESSURE. TIH W/ 2 3/8" TUBING LAY DOWN STRING MILL, & TAPERED MILL. MAKE UP 3 3/4" JUNK MILL, & TIH ON 2 3/8" TUBING, TAG @ 6857'
TRIP IN THE HOLE TAG @ 6930', (8' FILL) PICK UP POWER SWIVEL, RIG UP AIR, ESTABLISH CIRCULATION, CLEAN OUT WITH AIR MIST FROM / 6930' - TO / 6938' PBDT, CIRCULATE ON BOTTOM
BLOW WELL DRY, (AIR ONLY) TRIP OUT OF THE HOLE ABOVE PERFS PITOT TEST WELL THRU 2", (TSTM)
TRIP OUT OF THE HOLE WITH 2 3/8" TUBING, LAY DOWN BOTTOM HOLE ASSEMBLY
BLOW WELL DOWN, 240# SHUT IN CASING PRESSURE
MAKE UP & TRIP IN THE HOLE WITH 4 1/2" RETRIEVABLE BRIDGE PLUG, & 4 1/2" PACKER, ON 2 3/8" TUBING, SET RBP @ 6680', & PKR @ 6650', LOAD HOLE WITH 2% KCL & PRESSURE TEST TOOLS 1000#/15 min. OK.
LOAD BACKSIDE WITH 2% KCL, PRESSURE TEST CASING 1200# FOR / 15 MINUTES, HELD O.K., (CASING O.K.) FROM 0' - TO / 4062', PUMP DOWN TUBING (NO TEST), PUMPING IN @ 1000#, BROKE DOWN & PUMPING IN @ 600# ATTEMPT TO RELEASE PACKER, PACKER WOULD NOT RELEASE, TRIP OUT OF THE HOLE WITH 2 3/8" TUBING, PACKER GOT HUNG UP IN BOP, BREAKING OFF 6 SLIPS OFF PACKER, 3 SLIPS LAYING ON 4 1/2" CASING, 3 SLIPS FELL DOWN HOLE ON TOP OF RBP ATTEMPT TO FISH OUT SLIPS IN BOP, SLIPS FELL 6 SLIPS ON RBP.
MAKE UP 4 1/2" PACKER & TRIP IN THE HOLE ON 2 3/8" TUBING TO 4410'
ISOLATE CASING LEAKS, ISOLATED CASING LEAK FROM / 4063' TO / 4633', (570')
ESTABLISH INJECTION RATE PUMPING IN @ 2 BARRELS PER MINUTE @ 600#
TRIP OUT OF THE HOLE WITH 2 3/8" TUBING, LAY DOWN PACKER
DUMP 10 GALLONS SAND, DOWN CASING ON RETRIEVABLE BRIDGE PLUG
MAKE UP RETRIEVING HEAD, & TRIP IN THE HOLE ON 2 3/8" TUBING TO / 6670'
PICK UP POWER SWIVEL, RIG UP AIR, UNLOAD HOLE, WASH OVER & LATCH RETRIEVABLE BRIDGE PLUG
RELEASE BRIDGE PLUG, BLEED OFF AIR, RACK POWER SWIVEL TOO H W/ 2 3/8" TUBING, (DID NOT RECOVER BRIDGE PLUG)
TRIP IN THE HOLE WITH RETRIEVING HEAD & 2 3/8" TUBING, TAG BRIDGE PLUG @ 6610'
WORK STUCK BRIDGE PLUG, PUSH BRIDGE PLUG DOWN TO 6648', (BP MOVING DOWN FREE, PULLING UP TO 50,000#), BRIDGE PLUG POPPED OFF RACK POWER SWIVEL, TRIP OUT OF THE HOLE WITH 2 3/8" TUBING, (NO BRIDGE PLUG)
BLOW WELL DOWN, MAKE UP 3 7/8" SHOE WITH MAGNETIC INSERTS, & TIH ON 2 3/8" TUBING, TAG FISH, (BRIDGE PLUG) @
MAKE UP & TRIP IN THE HOLE WITH 3 3/4" OVERSHOT, WITH 1 7/16" GRAPPLE, 3 1/8" BUMPER SUB, FLOAT SUB, 3 1/8" JARS, 6-3 1/8" DRILL COLLARS, 3 1/8" INTENSIFIER, CHANGE OVER SUB, & 2 3/8" TUBING, TAG FISH @ 6685'
TIE BACK DRILLING LINE, PICK UP POWER SWIVEL, RIG UP AIR, Estb CIRC, & WASH DOWN TO FISH, WASH FISH T/6900', LATCH FISH & CIRCULATE HOLE W/AIR MIST
LAY DOWN 3 JOINTS WITH POWER SWIVEL, RACK POWER SWIVEL, FISH STUCK @ 6818', WORK STUCK FISH, ATTEMPT TO RELEASE FROM FISH COULD NOT RELEASE GRAPPLE
BLOW WELL DOWN, 250# SHUT IN CASING PRESSURE PICK UP POWER SWIVEL, RIG UP AIR, ESTABLISH CIRCULATION
WORK STUCK FISH FREE BLEED OFF AIR, RACK POWER SWIVEL, TRIP OUT OF THE HOLE WITH 2 3/8" TUBING & FISHING TOOLS, RECOVERED FISH, TIH W/ DRILL COLLARS, TOO H LAY DOWN DRILL COLLARS, & FISHING TOOLS
BLOW WELL DOWN, 280# SHUT IN CASING PRESSURE
RIG UP WEATHERFORD WIRELINE TRUCK, (HOLD JSA), RUN 3.75 GUAGE RING TO / 6732', TOP PERF, MAKE 2 RUNS, SET CAST IRON BRIDGE PLUG @ 6690', RUN CASING INSPECTION LOG, FROM / 5000' - TO / 3800', BAD CASING FROM / 4051' - TO / 4590', BAD SPLIT @ 4134', RIG DOWN WIRELINE TRUCK. UNTIE DRILLING LINE, PUT DRILLING LINE ON DOUBLE FASTLINE
MAKE UP 4 1/2" PACKER, & TRIP IN THE HOLE ON 2 3/8" TUBING TO / 4665', SET PACKER
LOAD HOLE WITH 2% KCL, PRESSURE TEST CASING FROM / 4665' - TO / 6690' WLSCIBP, 1000#, HELD O.K., TRIP OUT OF THE HOLE TO / 4063', PRESSURE TEST CASING DID NOT TEST, TRIP UP HOLE TO / 4000', DID NOT PRESSURE TEST, TRIP UP TO / 3936'
PRESSURE TEST 1000# O.K. BLOW WELL DOWN
TRIP OUT OF THE HOLE WITH 2 3/8" TUBING, LAY DOWN PACKER
MAKE UP & TRIP IN THE HOLE WITH 4 1/2" SQUEEZE PACKER ON 2 3/8" TUBING, TO /3500',
TRIP OUT OF THE HOLE WITH 2 3/8" TUBING, LAY DOWN SQUEEZE PACKER
TRIP IN THE HOLE WITH 2 3/8" PRODUCTION TUBING, TUBING LANDED WITH THE FOLLOWING : 210 - JOINTS 2 3/8" 4.7# J-55 EUE Tbg & LANDED @ 6658', WIRELINE SET CIBP @ 6690'. RD FLOOR, ND BOP, NU WH. 8/9/07 RD & RELEASED @ 1600 HOURS