

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2004 APR 30 PM 6:50

Lease Number
NMSF-077652

1. Type of Well
GAS

070 FARMINGTON, NM

6. If Indian, All. or
Tribe Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

4. Location of Well, Footage, Sec., T, R, M

1650' FSL, 990' FEL, Sec. 4, T31N, R12W, NMPM

25,

7. Unit Agreement Name

8. Well Name & Number
East #12

9. API Well No.
30-045-20486

10. Field and Pool
Aztec Pictured Cliffs

11. County and State
San Juan Co, NM

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

Type of Submission

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

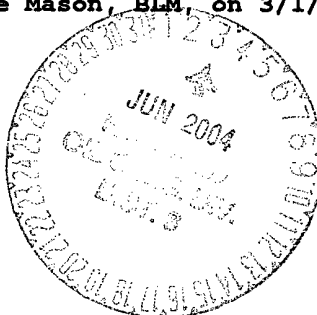
Type of Action

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☒ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☐ Other

13. Describe Proposed or Completed Operations

Burlington Resources squeezed the casing and stimulated the Pictured Cliffs formation as per attached operations summary.

Verbal approval received from Steve Mason, BLM, on 3/1/04 to squeeze the casing.



ACCEPTED FOR RECORD

JUN 01 2004

FARMINGTON FIELD OFFICE
BY

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

Signed Tammy Himsatt Title Regulatory Specialist Date 04/013/04

(This space for Federal or State Office use)

APPROVED BY Title Date

CONDITION OF APPROVAL, if any:

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

NMOCD

Operations Summary Report

Legal Well Name: EAST #12

Common Well Name: EAST #12

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 2/27/2004

Rig Release: 3/8/2004

Rig Number: 29

Spud Date: 4/29/1969

End: 3/8/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/28/2004	07:00 - 10:00	3.00	SHDN	a	OBJECT	REMOVE PROD EQUIP, DUMP DRY FILL DIRT FOR RIG T-SEAL.
	10:00 - 12:15	2.25	RURD	a	OBJECT	MIRUPU, DRAKE WELL SERVICE, RIG #29.
	12:15 - 13:15	1.00	NUND	a	OBJECT	ND WH, RU FLANGE, NU BOP.
	13:15 - 14:15	1.00	PULD	a	OBJECT	POOH, LD 114 JTS 1" TBG.
	14:15 - 14:45	0.50	RURD	a	OBJECT	CHANGE OVER TO 2 3/8".
	14:45 - 16:30	1.75	PULD	a	OBJECT	PU & TIH W/ 4 1/2" RBP, PU 75 JTS 2 3/8" TBG, SET RBP @ 2375', PULL 2 JTS TBG, PU 4 1/2" TENSION PKR.
3/2/2004	16:30 - 17:00	0.50	PUMP	a	OBJECT	RU THREE RIVERS PUMP TRUCK, CIRC HOLE W/ 45 BBL 2% KCL WATER, CIRC HOLE CLEAN, SET P KR, ESTABLISH INJ RATE @ 1.5 BPM @ 1500 PSI.
	17:00 - 17:15	0.25	PULD	a	OBJECT	LD PKR.
	17:15 - 20:00	2.75	SRIG	a	OBJECT	CLOSE IN, LOCK RAMS, SDFN.
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING }
	07:15 - 08:00	0.75	TRIP	a	OBJECT	POOH, LAY DOWN SETTING TOOL
	08:00 - 08:30	0.50	TRIP	a	OBJECT	TIH W/ PKR TO 1418', SET PKR , LOAD ANNULUS
	08:30 - 08:45	0.25	PRES	a	OBJECT	RU PUMP, TEST RBP TO 3000 PSI
	08:45 - 09:45	1.00	PRES	a	OBJECT	ISOLATE HOLE IN 4-1/2" CSG 1260' - 1292'
	09:45 - 10:00	0.25	TRIP	a	OBJECT	PUH FOUR STANDS
	10:00 - 11:00	1.00	SPOT	a	OBJECT	DUMP TWO SKS SAND DOWN TBG { NOTIFIED BLM OF SQUEEZE JOB }
	11:00 - 12:30	1.50	WOCT	a	OBJECT	WAIT ON BJ SERVICES TO SQUEEZE, PUH, SET PKR @ 1021'
	12:30 - 13:30	1.00	RURD	a	OBJECT	RIG UP BJ SERVICES
	13:30 - 14:00	0.50	PRES	a	OBJECT	TEST LINES TO 3000 PSI
3/3/2004	14:00 - 15:15	1.25	CEMT	a	OBJECT	ESTABLISH INJECTION RATE OF 1/2 BPM @ 360 PSI, PUMP 7 BBLs WATER, PUMP 7 BBLs CMT, ESTABLISHED CIRCULATION OUT 8-5/8" BRADEN HEAD, PUMP A TOTAL OF 260 SKS TYPE 111 CMT, CIR OUT 6 BBLs TO PIT, DISPLACE W/ WTR TO 100' OF HOLE, TRAPPED 600 PSI BELOW PKR
	15:15 - 17:30	2.25	RURD	a	OBJECT	RIG DOWN BJ, SHUT IN W/ 600 PSI PRESSURE ON FORMATION
	05:30 - 07:00	1.50	SAFE	a	OBJECT	DRAKE SAFETY MEETING
	07:00 - 07:45	0.75	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:45 - 08:30	0.75	TRIP	a	OBJECT	RELEASE PKR, POOH, LD PKR
	08:30 - 09:00	0.50	TRIP	a	OBJECT	TIH W/ 3-7/8" BIT, TAG CMT @ 1145'
	09:00 - 09:15	0.25	PULD	a	OBJECT	PICK UP SWIVEL
	09:15 - 09:45	0.50	CIRC	a	OBJECT	UNLOAD HOLE, ESTABLISH CIRCULATION W/ 1250 SCFM AIR, 12 BPH MIST
	09:45 - 10:00	0.25	DRLG	a	OBJECT	WASH GREEN CMT 1145' - 1177'
	10:00 - 10:30	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO 5 BBL SWEEPS
3/4/2004	10:30 - 13:30	3.00	CIRC	a	OBJECT	LOAD HOLE W/ WTR, CLOSE PIPE RAMS, PRESSURE TO 500 PSI,
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { PU TBG }
	07:15 - 08:15	1.00	DRLG	a	OBJECT	DRILL CMT , 1177' - 1295'
	08:15 - 08:45	0.50	PRES	a	OBJECT	PRESSURE TEST SQUEEZE TO 500 PSI
	08:45 - 09:00	0.25	TRIP	a	OBJECT	TIH TO SAND ON RBP @ 2370'
	09:00 - 09:30	0.50	CIRC	a	OBJECT	CIR SAND TO 2375', SWEEP HOLE W/ TWO 5 BBL SWEEPS
	09:30 - 10:30	1.00	TRIP	a	OBJECT	TIH HUNG RETRIEVING TOOL @ 1021' { PKR SETTING DEPTH }
	10:30 - 11:00	0.50	TRIP	a	OBJECT	PULL TOOL LOOSE
	11:00 - 11:30	0.50	WAIT	a	OBJECT	POOH, NO MARKS ON RETRIEVING TOOLP
	11:30 - 12:00	0.50	TRIP	a	OBJECT	WAIT ON TAPERED MILL
	12:00 - 12:15	0.25	PULD	a	OBJECT	MAKE UP TAPERED MILL, TIH TO 1021'
	12:15 - 12:30	0.25	CIRC	a	OBJECT	PICK UP SWIVEL
					OBJECT	ESTABLISH CIRCULATION W/ 1250 SCFM AIR, 12 BPH MIST

Operations Summary Report

Legal Well Name: EAST #12
 Common Well Name: EAST #12
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 2/27/2004
 Rig Release: 3/8/2004
 Rig Number: 29

Spud Date: 4/29/1969
 End: 3/8/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/4/2004	12:30 - 12:45	0.25	MILL	a	OBJECT	MILL 1021' - 1290', LOST THROTTLE ON RIG
	12:45 - 13:15	0.50	RRSR	a	OBJECT	WORK ON THROTTLE
	13:15 - 13:45	0.50	MILL	a	OBJECT	RUN MILL TO 1545'
	13:45 - 14:00	0.25	PRES	a	OBJECT	TEST SQUEEZE TO 500 PSI
	14:00 - 14:45	0.75	TRIP	a	OBJECT	POOH, LD MILL, TIH W/ RETRIEVING TOOL TO RBP
	14:45 - 15:00	0.25	CIRC	a	OBJECT	CIRCULATE SAND OFF RBP, LATCH RBP
	15:00 - 15:30	0.50	TRIP	a	OBJECT	POOH W/ RBP, LAY DOWN SAME
	15:30 - 16:00	0.50	TRIP	a	OBJECT	TIH W/ BIT TO 2471'
	16:00 - 16:30	0.50	TRIP	a	OBJECT	POOH, LD BIT
	16:30 - 19:30	3.00	PULD	a	OBJECT	CHANGE TO 2-7/8" RAMS, MAKE UP PKR, PICK UP 2-7/8" BUTTRUS TBG, RIH 1437'
3/5/2004	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:30	0.50	TRIP	a	OBJECT	SET PKR @ 1437'
	07:30 - 08:30	1.00	NUND	a	OBJECT	RIG UP ISOLATION TOOL, NU FRAC VALVE
	08:30 - 10:15	1.75	RURD	a	OBJECT	MOVE IN RIG UP DOWELL, LOAD ANNULUS W/ RIG PUMP
	10:15 - 10:30	0.25	PRES	a	OBJECT	TEST LINES TO 6100 PSI
	10:30 - 10:45	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ ALL PERSONEL ON LOCATION (22 TOTAL PEOPLE) DISCUSSED FRAC JOB
	10:45 - 11:15	0.50	FRAC	a	OBJECT	FRAC PD DOWN 2-7/8" TBG W/ PKR @ 1437' AS FOLLOWS, BREAK DOWN FORMATION @ 560 PSI @ 6BPM, PUMP 95600# 20/40 SND W/ 20# LINEAR 70% N2 FOAM @ MAX RATE OF 48 BPN, AVG RATE 44 BPM, MAX PSI = 4860 PSI, MIN PSI = 2119, FLUSH W/ 9 BBLS WTR, ISIP = 960 PSI
	11:15 - 12:45	1.50	RURD	a	OBJECT	RIG DOWN DOWELL, RIG UP FLOW BACK MANIFOLD, DRAG EQUIPMENT OFF LOCATION
	12:45 - 05:30	16.75	FLOW	a	OBJECT	TIME—PSI—CHK—WTR—SND 1300—725—8—N2—0 1400—325—10—HM—0 1500—210—12—LM—0 1600—170—14—LM—0 1700—140—16—LM—0 1900—110—18—LM—0 2100—100—20—LM—0 2300—80—22—LM—0 0100—65—24—LM—0 0200—60—26—LM—0 0300—60—28—LM—0 0400—60—30—LM—0 0500—60—32—LM—0
					2	
3/6/2004	05:30 - 06:30	1.00	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	06:30 - 06:45	0.25	SAFE	a	OBJECT	SAFETY MEETING (LD TBG)
	06:45 - 07:15	0.50	KILL	a	OBJECT	KILL WELL W/ 40 BBLS 2% KCL
	07:15 - 08:15	1.00	PULD	a	OBJECT	ND FRAC VALVE, RELEASE PKR, POOH, LAY DOWN 2-7/8" TBG, PKR,
	08:15 - 08:45	0.50	NUND	a	OBJECT	CHANGE PIPE RAMS TO 2-3/8"
	08:45 - 09:30	0.75	TRIP	a	OBJECT	TIH W/ 2-3/8" NC, EXPENDABLE CHK, SN, 2-3/8" TBG, TAG SAND @ 2448' (64' FILL)
	09:30 - 09:45	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION W/ 1350 SCFM AIR, 12 BPH MIST

Operations Summary Report

Legal Well Name: EAST #12

Common Well Name: EAST #12

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 2/27/2004

Rig Release: 3/8/2004

Rig Number: 29

Spud Date: 4/29/1969

End: 3/8/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/6/2004	09:45 - 10:15	0.50	COUT	a	OBJECT	CLEAN OUT SAND FILL 2448' - 2512'
	10:15 - 11:00	0.75	CIRC	a	OBJECT	PUMP TWO 5 BBL SWEEPS, DRY UP HOLE
	11:00 - 14:00	3.00	COUT	a	OBJECT	BLOW W/ ONE & ONE W/ WELL MAKING 3 BWPH W/ 3 CUPS SAND
	14:00 - 14:30	0.50	TRIP	a	OBJECT	TIH, COUT 4' FILL, SWEEP HOLE, PUH TO BOTTOM PERF
	14:30 - 18:30	4.00	FLOW	a	OBJECT	FLOW NATURAL W/ WELL MAKING 2 BWPH FOAM W/ ONE CUP SAND, ALTERNATE CIR W/ ONE & ONE W/ WELL MAKING 3 BW W/ 1/2 CUP SAND, 1/2 BW W/ TRACE OF SAND ON NATURAL FLOW
3/9/2004	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING, { TESTING }
	07:15 - 07:30	0.25	TRIP	a	OBJECT	TIH, TAG SND FILL 2505'
	07:30 - 07:45	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION W/ 1350 SCFM AIR, 12 BPH MIST
	07:45 - 08:15	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO 5 BBL SWEEPS
	08:15 - 14:00	5.75	FLOW	a	OBJECT	FLOW NATURAL W/ WELL MAKING 3/4 BW W/ TRACE OF SAND, BLOW W/ AIR W/ WELL UNLOADING 1-1/2 BW W/ TRACE OF SAND
	14:00 - 14:30	0.50	TRIP	a	OBJECT	PUH, LAND TBG @ 2440' AS FOLLOWS, RUN 76 JTS 2-3/8" EUE 8RD, 4.7#, J-55 TBG, 2' PUP, TAIL JT, SN @ 2439', CHECK, NOTCHED COLLAR
	14:30 - 15:00	0.50	NUND	a	OBJECT	ND BOP, NU WELLHEAD
	15:00 - 15:30	0.50	CIRC	a	OBJECT	PUMP OFF CHECK
	15:30 - 16:15	0.75	CIRC	a	OBJECT	BLOW W/ AIR TO CLEAN UP WELLBORE
	16:15 - 17:15	1.00	TEST	a	OBJECT	PITOT TEST WELL UP TBG @ 752 MCDF
	17:15 - 18:00	0.75	RURD	a	OBJECT	RIG DOWN SERVICE UNIT
						SENT 4 JTS 2-3/8" TBG TO PIPE YARD FROM EAST #12, ONE JT FROM SCOTT COM # 103