

1. Type of Well
GAS

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

1190' FNL, 1190' FWL, Sec.17, T-29-N, R-11-W, NMPM

5. Lease Number
NMSF078813

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
McDaniel B #1E

9. API Well No.
30-045-24435

10. Field and Pool
Basin Dakota

11. County and State
San Juan Co, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Bradenhead repair

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead on the subject well according to the attached procedure and wellbore diagram.

CTP0223254032

RECEIVED
2002 OCT -3 PM 1:27
C/O FARMINGTON, NM

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

Signed *Regan Cole* Title Regulatory Supervisor Date 10/2/02

TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato

Title

Date

OCT -7

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.

NMOOD

McDaniel B #1E

Dakota

1190' FNL & 1190' FWL

Unit D, Sec. 17, T29N, R11W

Latitude / Longitude: 36° 43.81' / 108° 1.182'

San Juan County, New Mexico

AIN: 4654701

9/19/2002 Bradenhead Repair Procedure

Summary/Recommendation:

The McDaniel B #1E was drilled and completed as a Dakota producer in 1981. The last workover on the well was a cleanout in 1995. A bradenhead test performed 07/31/2002 showed flow from the bradenhead. The Aztec NMOC office has demanded remedial action be completed by 10/20/2002. The Operations Engineer recommends a CIBP be set over the Dakota formation, the cause of bradenhead pressure be identified, corrected and place well back on production.

1. Comply with all BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. **Notify BROG Regulatory (Peggy Cole 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in DIMS.** Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. The 2-3/8", 4.70#, J-55 tubing is set at 6347'. PU additional 2-3/8" tubing and tag bottom (record depth). TOOH with 2-3/8", 4.70#, J-55 tubing.
4. PU and TIH with CIBP and 2-3/8" tubing. Set CIBP at 6208' (top perf @ 6258'). TOOH. Fill casing with 2% KCl water. Run GR-CBL to 200' above TOC (estimated TOC @ 810' at 75% excess). Send log into office for evaluation. Pressure test to 500 psi. Bleed off pressure. If pressure test fails, TIH with 5-1/2" packer to isolate leak. Contact Drilling Manager and Operations Engineer for squeeze design.
5. Follow squeeze procedure as recommended from Step 4. TIH with 5-1/2" fullbore packer and set 150' above perforations. Pressure up casing/tubing annulus to 500 psig. Establish rate into perforations with bradenhead valve open. (Max pressure 1000 psig).
6. Mix and pump cement. Displace cement to packer. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnight). TOOH and LD packer. TIH with 4-3/4" bit and drill out cement. Pressure test casing to 500 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
7. TIH with 4-3/4" bit and mill on 2-3/8" tubing to CIBP. Mill out CIBP with air/mist and chase plug to bottom. Clean out to PBTD (6393') with air/mist. TOOH. **NOTE: When using air/mist, minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm.**
8. TIH w/ 2-3/8", 4.70#, J-55 production string with an expendable check on bottom, seating nipple, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Land tubing at approximately 6355'.
9. ND BOP and NU WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. **If well will not flow on its own, make swab run to seating nipple.** During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. RD and MOL. Return well to production.

Recommended: *Jay Paul McWilliams* 10/1/02
Operations Engineer

Approved: *Bruce D. Boyer* 10-2-02
Drilling Superintendent

Jay Paul McWilliams: Office: 324-6146
Cell: 320-2586

Sundry Required:

☒ YES ☐ NO

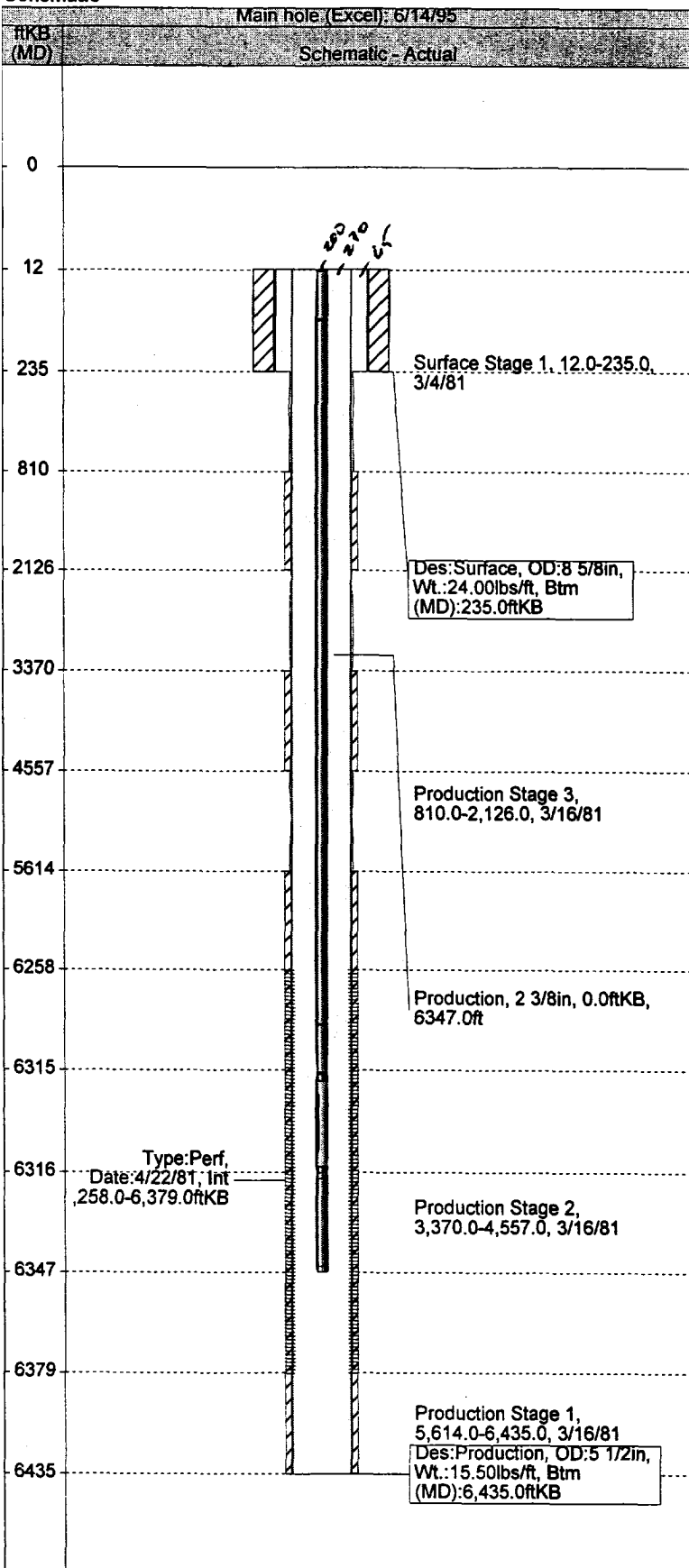
Approved: *Regulatory* 10-2-02
Regulatory

Production Foreman	Steve Florez	320-0029 (Cell)	326-8199 (Pager)
Specialist	Terry Nelson	320-2503 (Cell)	326-8473 (Pager)
Lease Operator	Richard McKenzie	320-2534 (Cell)	326-8359 (Pager)

JPM/plh

Asset ID Number	4654700	API Number	3004524435	Operator	BURLINGTON RESOURCES O&G CO LP	County	SAN JUAN	State	NM
KB Elev (ft)	0.00	Ground Elev (ft)	5623.00	Plug Back Total Depth (ftKB)		RigKB-Ground Distance (ft)			
Spud Date	3/3/81	Location	Sect: 017, Twp: 029N, Rg: 011W, Poly: D, NMPM	NS Dist. (ft)	1190.0	NS Flag	FWL	EW Dist. (ft)	1190.0
				EW Flag	FNL	Lat/Long Datum		Latitude (DMS)	36° 43' 48.36" N

Schematic



Group List

Formations: Excel Formations

Name	Top (ftKB)
Ojo Alamo	470.0
Fruitland Coal	1,535.0
Pictured Cliffs	1,790.0
Chacra	2,803.0
Cliff House	3,370.0
Point Lookout	4,140.0
Gallup	5,401.0
Greenhorn	6,145.0
Graneros	6,208.0
Dakota	6,334.0

Wellbore: Main hole (Excel)

SZ (in)	Top (ftKB)	Btm (ftKB)
12 1/4	12.0	235.0
5 1/2	235.0	6,435.0

Casing Strings: Surface, 235.0

Item Desc	OD (in)	WT (lbs/ft)	ID (in)	Top (ftKB)	Len (ft)
Casing	8 5/8	24.00		12.0	223.00

Casing Strings: Production, 6,435.0

Item Desc	OD (in)	WT (lbs/ft)	ID (in)	Top (ftKB)	Len (ft)
Casing	5 1/2	15.50		12.0	6423.00

Surface, casing, 3/4/81 00:00

Des	Comment	Top (ftKB)
Surface Stage 1		12.0
Production, casing, 3/16/81 00:00		
Cement Stage		

Des	Comment	Top (ftKB)
Production Stage 1		5,614.0
Production Stage 2		3,370.0
Production Stage 3	75 %	810.0

Tubing Strings: Production set at 6,347.0 on 6/14/95 00:00

Comment

Tubing Components

Item Desc	OD (in)	WT (lbs/ft)	Grade	Len (ft)	Cum Len (ft)
KB	2 3/8			12.00	12.00
Tubing	2 3/8	4.70	J-55	6303.00	6315.00
Seating Nipple	2 3/8			1.00	6316.00
Tubing	2 3/8	4.70	J-55	31.00	6347.00

Perforations: At 6,258.0-6,379.0 on 4/22/81 00:00

Zone	Top (ftKB)	Bottom (ftKB)	Comment
Dakota	6,258.0	6,379.0	