

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

5. Lease Designation and Serial No.

23 JUN 11 10
NMNM-013885

6. If Indian, Allottee or Tribe Name

RECEIVED

070 FARMINGTON NM

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal # 1

9. API Well No.

30-045-22723

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. County or Parish, State

San Juan County
New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or recompletion Report and Log Form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.
If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.

7/14/2004 MIRU Key Rig # 17. Wait on WH tools. ND WH. NU Divertor Spool, 7-1/16" Valve, BOPE. Function Test.
Secure Well Location. Prep to perform Fruitland Coal Breakdown.

7/15/2004 SM. SICP = 90 psi. Blowdown. Unseat Tubing Hanger. COOH w/ 52 Jts and three 6' subs from 1632' (2-3/8" 4.7# J-55
Tubing). RIH w/ 4-1/2" CIBP. Log new collars at 1557.5', 1574', 1595', 1617'. Correlate w/ GR-CCL-CBL dated
02-20-04. Set CIBP at 1603'. POOH. Load hole w/ 25 bbls city water from surface. PT Casing and entire Stack to
2700 psi. Good. RIH w/ 3-1/8" HSC Gun # 1. Tag up at 1550'. Unable to pass below 1550'. Pull up and attempt to
go downhole, losing 1' each time. POOH dragging weight until 500'. POOH. Inspect gun. RIH w/ 4-1/2" Junk Basket.
Tag at 1550'. Work Junk Basket down to PBTD approximately 10' each time. Tag up on CIBP at 1603'. Pull up hole
to 1000'. RIH, tag PBTD, no problems. POOH. Recover one small rock in Junkbasket. Unknown debris. Suspect
Rig Pit, but rig pit fluid was clean. No debris in pit. RIH w/ 3-1/8" HSC Gun # 1 and Gun # 2. No Problems.
Continued on Page 2

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

Signed: Thomas E. Mullins

Title: Engineering Manager

Date: 07-22-2004

This space for federal or state office use

Approved by: _____
Conditions of approval if any

Title: _____

Date: _____

ACCEPTED FOR RECORD

AUG 27 2004

FARMINGTON FIELD OFFICE
BY [Signature]

- 7/15/2004 Perforate Fruitland Coal in the following six (6) intervals: Fluid Level fell to 300' after Gun # 1:
Continued Zone # 1 - 1590'-1594' (4') - 2 SPF - 8 holes (Adjusted due to casing collar), Zone # 2 - 1581'-1583' (2') - 2 SPF - 4 holes, Zone # 3 - 1560'-1564' (4') - 2 SPF - 8 holes, Zone # 4 - 1550'-1552' (2') - 2 SPF - 4 holes, Zone # 5 - 1443'-1448' (5') - 2 SPF - 10 holes, Zone # 6 - 1352'-1354' (2') - 2 SPF - 4 holes. Total of 19 feet Coal, 38 holes MU Baker Model C RBP and Fullbore PKR Combo. GIH. Tools will not pass 300' ? COOH. Attempt to run PKR by itself. Damage Slips on PKR while making up. Wait on New PKR and 4-1/2" Casing Scraper. MU 3-7/8" Bit and 4-1/2" 10.5# Casing Scraper. GIH. Notice slight drag over 300' interval near 300'. Work Scraper. GIH w/ Scraper to PBTD of 1603'. Circulate Hole Clean. COOH w/ Bit and Scraper on 2-3/8" from 1603'. Breakdown and Ball-Off Perfs from 1550' to 1594'. 90 bbls 2% KCL Water Used. Move PKR to 1250'. Breakdown and Ball-off All Perfs from 1352' to 1594' with 100 bbls 2% KCl water. GIH w/ PKR, Knock balls off perfs. Reset PKR at 1580'. BD Bottom Perf Interval to ensure that Breakdown has not communicated with existing PC perfs No Communication. COOH w/ PKR. RU Isolation Tool and Immediate Flowback Lines. SDFN
- 7/16/2004 SM. RU BJ Services. PT Lines to 5400#. Set Pop-Off at 4000#. Fracture Stimulate Fruitland Coal Perforations from 1352' to 1594', with 80,240 lbs 20/40 Super LC in 32,412 gals 65 Quality X-Linked Foam. 25# Gel Base Fluid. 428,000 SCF N2. 30 BPM ATR, 2400#, ATP. ISIP 1220#. Radioactive Tracer run on proppant. Begin flowback on 1/2" Positive Choke. Valve Plugged. Cleanout valve. Open well on 2" line. Switch to 1/2" Postive Choke. Return 345 bbls of the 591 bbls of load. Well flowing on 1/2" Positive Choke at 85 psi, 7 BWPH.
- 7/17/2004 Fruitland Coal Flowback After Frac, Final Rate 60# on 1/2" choke, Heavy Water Production, 450 MCFD.
- 7/18/2004 Check Well Pressure: 340# Casing Pressure. Open Well on 1/2" Choke, Dry Gas, Pressure drop to 290# after 4 minutes, Unload 20 bbls water, well flowing at 350# on 1/2" choke, Heavy Water.
- 7/19/2004 SM. SICP = 380#. BD Well. Kill Well. GIH w/ Notch Collar. CO sand 40' sand fill w/ water. Total of 100 bbls lost to formation. COOH. GIH w/ final 2-3/8" 4.7# J-55 Production Tubing. Land EOT at 1575' (KB), SN @ 1569'. 10' off of PBTD per tag. ND BOPE and WH Equipment. NU WH. RU Tools to swab 2-3/8". Make 12 Swab Runs. FL @ 300'. Log Post Frac GR Log from PBTD to 1250'. All Perfs appear to have taken tracer from field log. RD Tools. RU to swab. Make 6 more swab runs. Recover 50 bbls of the lost 100 bbls for the day.
- 7/20/2004 SM. SICP=110#, SITP=50#. BD. Swab Well 8 runs. SD. Change Rig Engine Oil and Lubrication. Continue Swabbing Well Kicked Off and Flowed. Continue Swabbing. Lost Swab Mandrel Down Well. Make Mousetrap, and RIH. Fish out Swab Mandrel. Return to Swabbing. Kick Well off. Well Flowed for approximately 2 hrs. Maximum Casing Pressure 340#, Well Logged off at 190# Casing Pressure.
- 7/21/2004 SICP=SITP = 225 psi. Bulit from 190#. Safety Meeting. Make 3 swab runs, FL at 400'. Well Flowing to Flowback Tank. Well Logged Off. Shut-In. RD Key Energy Rig # 17, and Release Equipment.