

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMSF078999

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM78421C8. Well Name and No.
SJ 31-6 230A9. API Well No.
30-039-27401-00-X110. Field and Pool, or Exploratory
BASIN FRUITLAND COAL11. County or Parish, and State
RIO ARRIBA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE2. Name of Operator
CONOCOPHILLIPS COMPANYContact: DEBORAH MARBERRY
E-Mail: deborah.marberry@conocophillips.com3a. Address
5525 HIGHWAY 64
FARMINGTON, NM 874013b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.2688

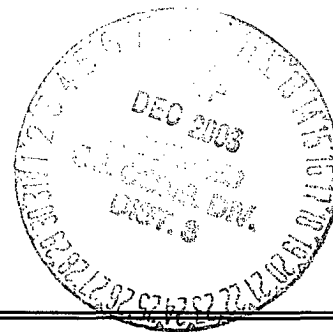
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T31N R6W SESE 870FSL 1040FEL
36.86583 N Lat, 107.44420 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This notice of intent is after the fact per verbal approval from Jim Lovato - BLM. ConocoPhillips proposed to set a liner and cement it in this well as per the attached procedure.



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

Electronic Submission #24537 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE GARCIA on 12/08/2003 (04AXG1824SE)

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 10/24/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDADRIENNE GARCIA
Title PETROLEUM ENGINEER

Date 12/08/2003

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ******NMCCD**

WELL HISTORY: New well. Originally attempt to cavitate. Decided to fracture stimulate.

MATERIALS:

4-1/2 Liner

cement float shoe

short joint

float collar

400' +/- of 4-1/2", 10.5#, J-55 liner

4-1/2 X 2-3/8 EUE crossover

BHA for Pumping Unit

On the assumption that we get the 4 1/2" liner to bottom, and drill out to within a few feet of the shoe, the following is the assembly that should be run to pump the well:

2 3/8" by 24' orange peeled joint with top 6' perforated with FL4S box

2 3/8" by 1.78" F nipple with FL4S box and pin (Land F nipple @ 3336, assuming PBTD 3372 + or -)

enough joints of 2 3/8" FL4S to get it above the 4 1/2" liner top

2 3/8" FL4S pin by EUE box cross-over

2 3/8" EUE to surface

Use 2 3/8" EUE pup joints to space out the tubing

1 1/4" COP standard pump with 12" x 1" strainer nipple

1 4' X 3/4" pony rod

3/4" class D rods to surface

1 1/4" polished rod

COMPLETION PROCEDURE

1. MIRU KEY completion rig and air/mist package.
2. NU BOP.
3. Check casing for pressure. Offset wells indicate pressures between 400 and 800 psi. Report pressure to Lucas.
4. RIH and circulate well clean.
5. MU BHA

(BOTTOM to TOP)

cement float shoe

short joint

float collar

400' +/- of 4-1/2", 10.5#, J-55 liner with cementing assembly (wiper plugs)

4-1/2 X 2-3/8 EUE crossover

6. RU casing crew and RIH with 4-1/2", 10.5#, J-55 on 2-3/8 tubing and land liner top at +/- 2950'
7. Notify BLM that liner will be cemented. (Jim Lovato 505.599.8900)
8. Cement the liner per SCHLUMBERGER recommendation. (Albert Martinez)
9. Drop wiper plug and displace cement with 2%KCL.
10. Back off liner.
11. PU and RIH with bit, bit sub and scraper. CO to top of liner. POOH
12. PU and RIH with bit, bit sub and scraper and tail pipe (reach bottom of liner) and CO to 3372' (3' of shoe (PBTD)).
13. Install donut and test liner.
14. RU Blue Jet and run GR/CCL/GSL from PBTD (3372') to surface.
15. Depending on FRAC day, RD and frac rigless or stay put and frac with rig.
16. Plan to get tree saver.

END OF WELL SCHEMATIC

Well Name: San Juan 31-6 # 230A
 API #: 30-039-27401
 Location: 1465' FSL & 935' FEL
Sect 27 - T31N - R6W
Rio Arriba County, NM
 Elevation: 6446' GL (above MSL)
 Dri Rig RKB: 13' above Ground Level
 Datum: Dri Rig RKB = 13' above GL

Spud: 12-Aug-2003
 Release Dri Rig: 16-Aug-2003
 Move In Cav Rig: 9-Oct-2003
 Release Cav Rig: 12-Oct-2003

Surface Casing Date set: 13-Aug-03
 Size 9 5/8 in
 Set at 222 ft # Jnts: 7
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE

Csg Shoe 222 ft
 TD of 12-1/4" hole 232 ft

Notified BLM @ 13:50 hrs on 11-Aug-03
 Notified NMOCD @ 13:50 hrs on 11-Aug-03

Intermediate Casing Date set: 15-Aug-03
 Size 7 in 75 jts
 Set at 3088 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 %
 T.O.C. 225'

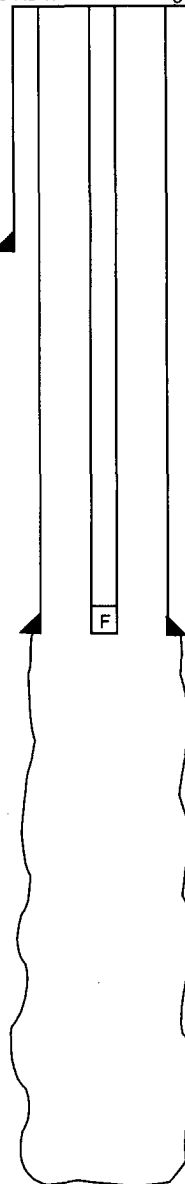
Csg Shoe 3088 ft
 TD of 8-3/4" Hole 3092 ft

Notified BLM @ 19:06 hrs on 14-Aug-03
 Notified NMOCD @ 19:08 hrs on 14-Aug-03

Trash Cap
 7-1/16" 3M x 2-1/16" 5M Adapter Flange
 11" 3M x 7-1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

☒ New
☐ Used

☒ New
☐ Used



TD 3375 ft

Surface Cement

Date cmt'd: 13-Aug-03
 Lead : 150 sx Class G Cement
 + 2% S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 15.4 bbls fresh wtr
 Bumped Plug at: 07:14 hrs w/ 410 psi
 Final Circ Press: 75 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 15 bbls
 Floats Held: No floats used
 W.O.C. for 8.0 hrs (plug bump to csg pressure test)

Intermediate Cement

Date cmt'd: 15-Aug-03
 Lead : 385 sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
2.61cuft/sx, 1004.9 cuft slurry at 11.7 ppg
 Tail : 100 sx 50/50 POZ : Class G cement
 + 2% D020 Bentonite
 + 2% S001 Calcium Chloride
 + 5 lb/sx D024 Gilonite
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: 123 bbls
 Bumped Plug at: 23:49 hrs w/ 2000 psi
 Final Circ Press: 700 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: zero
 Floats Held: X Yes ___ No

COMMENTS:

Surface: No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe.
Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.
 Intermediate: Displaced cement on 7" job with 10 bbls fresh water plus 113 bbls drill water for a total of 123 bbls total displacement.
Did not get cmt to surf on 7" csg - Ran temp log & found TOC @ 225' - Rec'd approval from BLM - No remediation req'd
 Production: We did not run a liner on this well - the plan is to run and cement either a liner or long string and frac the well.
Ran 2-3/8" 4.7# J-55 EUE 8rd tubing with expendable check and F Nipple (EOT at 3044' MD RKB)
We did not blow the expendable check - therefore we cannot bleed off the well through the tubing.

CENTRALIZERS:

Surface: CENTRALIZERS @ 212', 162', 104', & 45'. Total: 4
 Intermediate: CENTRALIZERS @ 3078', 3004', 2918', 2834', 2753', 2671', & 202'. Total: 7
TURBOLIZERS @ 2631', 2590', 2550' Total: 3