

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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
PATINA OIL AND GAS CORPORATION

3a. Address
5802 US Highway 64, Farmington, NM 87401

3b. Phone No. (include area code)
505-632-8056

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**845 1452
245 FSL & 1445 FEL
SEC. 25, T31N, R13W, UL "O"**

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

5. Lease Serial No.
NMSF078464

6. If Indian, Allottee, or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
CAIN FEDERAL #3

9. API Well No.
30-045-32605

10. Field and Pool, or Exploratory Area
Basin DK / Basin Fruitland Coal

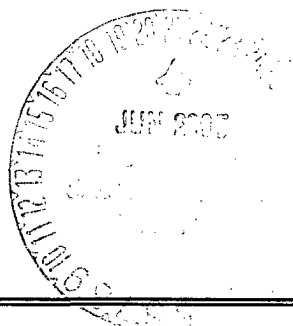
11. County or Parish, State
San Juan County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering 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	Casing Report
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

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 recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

PLEASE SEE ATTACHMENT.



2005 JUN 9 PM 1 16
RECEIVED
070 FARMINGTON NM

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

Name (Printed/ Typed)

MIRANDA MARTINEZ

Title

REGULATORY ANALYST

Signature

Miranda Martinez

Date

6-8-05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

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.

Title

Date

JUN 17 2005

Office

FARMINGTON FIELD OFFICE
BY *deb*

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NMOCD

- 05-05-05 Spud well @ 7:15 a.m. Drill rat & 12-1/4" mouse hole to 329'.
- 05-05-05 Circulate and condition hole for csg. Run 7 jts of 9-5/8", 13-1/2" hole size, 36#, J-55, ST&C csg, land @ 323'. RU Halliburton, **cmt csg as follows:** Pump 10 bbls dye water ahead, cmt w/ 275 sks std 2% CaCl₂, 1/4# celloflake @ 15.6 ppg. Displace w/ 22 bbls wtr, plug down @ 19:23 hrs. Shut well in, had full returns, circulate 15 bbls cmt to surface. WOC.

Pressure test BOP equipment, test plug as follows: Test blind rams, pipe rams, floor vlv, Kelly vlv, kill line and choke manifold to 250 psi low (10 min) 1000 psi high (10 min). Test csg to 250 psi low (10 min) 1000 psi high (30 min), test good.

- 05-15-05 Circulate and condition hole for csg. RU csg crew. Run 109 jts of 7", 8-3/4" hole size, 23#, L-80, LT&C csg, tag fill @ 4998'. Circulate csg, no returns, work csg, regain circulation, wash 12' to bottom, land @ 5010'. **Cement 1st stage as follows:** Pump 20 bbls chemical wash, 10 bbls wtr ahead, cmt w/ 130 sks PBR 11 w/ additives @ 12 ppg, for lead slurry, 100 sks PBR 11 w/ additives @ 13 ppg for tail slurry. Displace w/ 80 bbls wtr & 115 bbls mud, plug down @ 13:45 hrs, full returns. Pressure up to 2000 psi to set packer, pressure up to 2500 psi to open DV tool, break circulation. **Cement 2nd Stage as follows:** Pump 20 bbls chemical wash, 10 bbls wtr ahead, cmt w/ 425 sks PBR 11 w/ additives @ 12 ppg for lead slurry, 50 sks PBR 11 w/ additives @ 13 ppg for tail slurry. Displace w/ 126 bbls wtr, plug down @ 16:00 hrs on 5-16-05, had full returns. Circulate 20 bbls cmt off DV tool from 1st stage, circulate 80 bbls cmt to surface from 2nd stage, pressure up to 2500 psi, close DV tool. RD Halliburton. ND BOP, NU BOP.

Pressure test blind rams to 250 psi low (10 min) 1000 psi high (10 min) w/ rig pump, test good.

- 05-19-05 Circulate hole w/ 1600 cfm 6% O₂. RU csg crew, run 57 jts of 4-1/2", 6-1/4" hole size, 11.6#, N-80, LT&C csg liner. Land csg @ 6855', top of liner @ 4675'. Circulate hole w/ 1600 cfm 6% O₂. RU Halliburton, **cmt csg as follows:** Pump 20 bbls chemical wash ahead, cmt w/ 225 sks Dakota lite w/ additives @ 12.5 ppg, wash pumps and lines. Displace w/ 84 bbls 3% KCl wtr, plug down on 5-20-05, float held. Set liner hanger, sting out of liner, circulate w/ 3% KCl wtr, circulate 10 bbls of cmt to surface. TOOH. ND BOP, rig released at 16:00 hrs on 5-20-05.

- 06-07-05 Pressure test csg to 1850 psi, held 10 minutes.