

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SF-080379A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #18R

9. API Well No.

30-039-26444

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) 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"/> 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 type="checkbox"/> Other <u>4-1/2"</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Casing report & MV</u> |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | <u>completion</u> |

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 recomple 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 recomple 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 final site is ready for final inspection.)

See attached for details of the procedure used to cement the 4-1/2" casing, isolate leak in 4-1/2" casing and remediate, before PT and then adding MV perfs.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

1/25/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

ACCEPTED FOR RECORD

FEB 08 2001

FARMINGTON FIELD OFFICE
BY

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

Sar Juan 29-6 Unit #18R
SF-080379A; API-30-039-26444; Unit M, 145' FSL & 165' FWL
Section 5, T29N, R6W; Rio Arriba County, NM

**Details of procedure used to cement the 4-1/2" casing and
remediate before adding the MV perfs.**

RIH w/6-1/4" bit & tagged cement @ 4104'. Drilled out cement & then drilled ahead to TD @ 6318'. TD reached 12/27/00. Circ. hole. RIH w/4-1/2", 11.6#, I-80 casing and set @ 6318' w/DV tool set @ 5425'. RU to cement. Pumped 60 sx (127 cf – 22.61 bbl slurry) Type 3, 35:65 POZ, 6% Bentonite, 10#/sx CSE, 0.02#/sx Static Free, 1% FL-52, 0.3% CD-32, 0.25#/sx Cello-flake. Displaced w/102 bbls H2O. Didn't bump plug. DV tool must of shifted open during displacement. Had no cement to surface. Didn't pump the second stage. ND BOP & set slips and cut off casing. RD & released rig 12/28/00 to return and remediate casing.

1/2/01. MIRU Key #17. NU BOP, PT – OK. GIH w/bit & drilled out DV tool and tagged TOC @ 6245'. Drilled out cement to 6285'. Ran GR/CCL/CBL from 6285' – 3595'. TOC @ 5200'. Ran GSL. Load hole to PT, not able to. RIH w/packer & isolated leak @ 1486'. COOH w/packer.

Blue Jet perforated 3 (.25") squeeze holes @ 5100'. RIH w/FBP & set @ 1563'. Pumped 10 bbls clay water & PU to 500 psi (had full returns to surface through bradenhead). COOH w/packer. RIH w/cement retainer & set @ 5029'. Pumped Lead slurry of 216 sx (494 cf – 88 bbl slurry) 35/65 POZ w/6% gel w/10 #sx CSE, 1% FL-52, 0.3% CD-32. Tail – pumped 70 sx Type 3 cement (97 cf – 17.32 bbl slurry) Displaced w/19.4 bbls water. Plug down @ 1223 hrs 1/6/01. Sting out of retainer & reversed out 50 bbls water. Very little returns and no cement out bradenhead. RD. COOH.

RU Blue Jet & tagged up @ 4946'. Ran GR/CCL/CBL from 4942' – 3300'. **TOC @ 3584'**. RIH w/bit & drilled out cement, retainer & then cement again to 5080'. Circ & COOH. RIH w/4-1/2" casing spear & chemical cutter. Cut off casing @ 1550' & COOH w/cut off casing. RIH w/drill collars and tagged top of fish @ 1550'. Dressed off 4-1/2" casing for casing patch. COOH.

RIH w/5-9/16" OD X 4" ID Baker Chevron Rubber seal packoff Type 4-1/2" casing patch (.34' overall length) & GIH w/37 jts 4-1/2" I-80 11.6# new casing to 1535'. Displaced 4-1/2" X 7" annulus w/FW & 1 drum corrosion inhibitor. GIH w/4-1/2" casing total 1541' – work casing patch 2.83' down over 4-1/2" cut off casing @ 1550'. Pulled 50,000#s over to set patch. Set slips. Cut off 4-1/2" casing & NU tbg head & BOP. PT – OK. **PT casing , rams & casing patch @ 1550' to 3000# psi – 20 minutes.** Good test. PT 4-1/2" X 7" casing annulus to 500 psi 10 minutes. OK.

RIH w/BHA & tagged top of cement @ 5080' (20' cement above squeeze holes @ 5100'). Drilled out hard cement to 5100'. Squeeze holes @ 5100' and are in MV interval with cement to 3584'. GIH w/BHA & tagged PBDT @ 6285'. Roll hole w/2% KCl. Water. MIRU w/wireline & perforated lower MV intervals @ 1 spf .36" holes as follows:

Pt Lookout @ 5990', 5981', 5968', 5965', 5955', 5941', 5935', 5902',
Menefee @ 5863', 5695', 5691', 5663', 5650', 5645', 5641',
Cliffhouse @ 5568', 5543', 5537', 5534', 5513', 5499', 5490'. Total 22 holes
RIH w/retrievable packer & set @ 5888'.

Acidized Pt. Lookout 5902' - 5990' with 750 gal 15% HCl. Set BP @ 5888', & set packer @ 5608'. Acidized Menefee w/750 gal 15% HCl. Released packer & BP & re-set @ BP @ 5608' & packer @ 5422'. Acidized Cliffhouse w/750 gal 15% HCL. Released packer & BP & COOH. RIH w/4-1/2" cup type mandrel & 4-1/2" A Lok-set packer & straddled squeeze holes @ 5100' with packer @ 5085' & cup mandrel @ 5117' (This well direct frac to where planned and not through squeeze holes). RU to frac 5409' – 5990' with 150,000 gal 70 Quality N2 & 20# Linear gel foam w/1,918,700 scf N2 w/77,114# 20/40 Brady sand. Flowed back on 1/4" and 1/2" chokes. RD flowback equipment. Pull isolation tools. GIH w/retrieving head & COOH w/packer & cup mandrel. RIH w/2-3/8" tubing and cleaned out to 6285' (PBDT). PU & land tubing @ 5978' with "F" nipple set @ 5945'. ND BOP, NU WH. PT-OK. Pumped off expendable check. RD & released rig 1/17/01. Turned well over to production to first deliver.