

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NM 03153

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

O.H. Randel #6E

9. API Well No.

30-045-24751

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

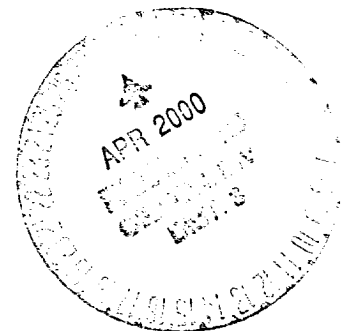
San Juan NM

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 checked="" 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<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 approximated 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 final site is ready for final inspection.)

Cross Timbers request permission to deepen well to the lower Dakota formation per the attached procedure.



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

Loren W Fothergill

Title

Operations Engineer

Date April 18, 2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Charlie Beecham

Title

Date APR 24 2000

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.

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.

O.H. RANDEL #6E
SEC 15, T 26 N, R 11 W
SAN JUAN COUNTY NEW MEXICO

Surface csg: 8-5/8", 24#, K-55 ST&C csg @ 840'. Cmt'd w/600 sx class "B" w/3% CaCl₂ & 1/4#/sx celloflakes. Cmt circ to surf.
Production csg: 4-1/2", 10.5#, K-55 csg @ 6,347'. Cmt'd 1ST stage w/250 sx class "B" 50:50 Poz w/2% gel, & 1/4#/sx flocele. Cmt'd 2ND stage w/500 sx class "B" 65:35 Poz w/6% gel, 10#/sx gilsonite+ 550 sx 50:50 Poz w/2% gel & 12-1/2#/sx gilsonite. Did not circ cmt to surf.
Tbg: 2-3/8" exp chk, 1 jt 2-3/8", 4.7#, J-55, EUE, 8rd tbg, SN & ?? jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. EOT set @ 6,270'.
Perfs: 6,274'-84'
Current Status: F. 0 BO, 0 BW, 5 MCFPD. Flwg 2 days/month.

1. Install, if required, and test anchors on location.
2. Set 4 400 bbl frac tnks & fill w/2% KCl wtr
3. MIRU PU w/pmp, pit & 2.5 pwr swivel pkg. Check and record tubing, casing, and bradenhead pressures.
4. MI 3-7/8" bit, 4 – 3-1/8" DC's, 20 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg.
5. Blow well down and kill well w/2% KCl water if required.
6. ND WH. NU and pressure test BOP.
7. Tally tbg as TOH, checking condition of the tubing.
8. PU 4-1/2" pkr. TIH w/pkr & 2-3/8" tbg. Set pkr @ 6,100'. Press tst TCA to 3,500 psig. Leave 2,000 psig on TCA.
9. Sqz perfs fr/6,274'-84' with 50 sx cl "B" cmt w/2% CaCl₂. Walk sqz to 2,500 psig.
10. WOC 12 hrs.
11. PU & TIH w/3-7/8" bit, 4 – 3-1/8" DC's, XO & 2-3/8" tbg & tgd cmt top.
12. DO cmt. TIH to PBTD @ 6,305'. Circ wellbore.
13. Press tst sqz to 3,500 psig.
14. DO float collar, shoe jt & shoe. Deepen well 53' to 6,400'.
15. TOH w/2-3/8" tbg, DC's & bit.

16. MIRU frac equip. Frac DK openhole fr/6,347'-6,400' dwn csg w/37,000 gals 20# x-linked, gelled 2% KCl wtr & 61,000# 20-40 PR 6000 as follows:

Stage	Fluid X-linked gel	Proppant
Pad	10,000	
1 PPG	9,000	9,000# 20/40 PR 6000 sd
2 PPG	7,000	14,000# 20/40 PR 6000 sd
3 PPG	6,000	18,000# 20/40 PR 6000 sd
4 PPG	5,000	20,000# 20/40 PR 6000 sd
Flush	4,112	61,000# 20/40 PR 6000 sd

17. Shut well in 2 hrs. Flw back csg on ck manifold to pit. Start with 1/8" ck. Incr ck size until sd production increases.
18. TIH w/notched collar, SN & 2-3/8" tbg. CO to 6,400'.
19. PU & land tbg @ 6,330'.
20. ND BOP. NU WH. RDMO PU.
21. Swab well in, if required. Report all gas, condensate & water volumes daily as required.
22. Test well as necessary. Report all gas, condensate & water volumes daily as required.