

SUNDRY NOTICES AND REPORTS ON WELLS

1. oil well ☒ gas well ☐ other ☐

3. ADDRESS OF OPERATOR
P.O. Box 3360, Casper, WY 82602-3360

AT SURFACE: 970' FSL & 1800' FWL (SE/SW)
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF	☐
FRACTURE TREAT	☐
SHOOT OR ACIDIZE	☐
REPAIR WELL	☐
PULL OR ALTER CASING	☐
MULTIPLE COMPLETE	☐
CHANGE ZONES	☐
ABANDON*	☐
(other) Perf. Acidize &	☐

SUBSEQUENT REPORT OF:

RECEIVED

OCT 25 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE

SF-079602

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

L.L. McConnell

9. WELL NO.

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10. FIELD OR WILDCAT NAME

West Lindrith-Gallup-Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

N Section 31-T25N-R3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 9-10-82, MIRU compl unit. TIH w/ bit & csg scraper to 5780'. Drilled out cmt & DV @ 5934'. TIH to 8000'. Drilled out cmt to FC @ 8048'.

On 9-13-82, Ran CBL-GK-VDL-CCL from 8045' to surface. Showed no bond below 7990'. Press tested csg to 2350# - did not hold. TIH w 5 1/2" retrievable pkr & set @ 8035'. Press tested to 1000 psi - held OK for 15 min. (FC leaking). Release pkr & POH w/ pkr. TIH w/ CIBP & set @ 8035'. Press tested csg to 3000 psi - held OK for 15 min.

On 9-14-82, RU & perf w/2, 0.40" squeeze holes @ 7996'. TIH w/pkr & set @ 7760'. Cmt squeezed holes on 9-15-82 w/59 cu ft of Class "B" cmt w/16# of D-65 friction reducer @ avg of 3500 psi. Released pkr & pull uphole to 7460'. Set pkr & press to 3700 psi. SDFN.

(OVER)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

Area

SIGNED [Signature] TITLE Superintendent DATE 10-19-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

ACCEPTED FOR RECORD

OCT 28 1982

FARMINGTON

***See Instructions on Reverse Side**

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Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

(continued)

On 9-16-82, Bled press off, released pkr & POH. RIH w/ bit & csg scrpr. Tagged cmt @ 7850'. Drilled cmt to 7996'. Cleaned out to CIBP @ 8035'. Press tested squeeze & csg to 3000 psi - held OK for 15 min.

On 9-17-82, TIH & perf'd Dakota w/15, 0.42" holes, 1 spf 22.5 gram charge: 7940'-45' & 7980'-90'. TIH w/pkr & set @ 7990'. Spotted 2 bbl 15% HCl 7990'-7910'. Pulled uphole & reset pkr @ 7850'. Acidized Dakota perfs 7940'-7990' w/750 gal of 15% HCl & 500 scf/bbl. of N₂. @ avg of 2000 psi. Swabbed.

On 9-22-82, Release & TOH w/pkr @ 7850'. RIH w/cmt retainer & set @ 7930'. Stung into retainer & squeezed Dakota perfs 7940'-7990' w/70 cu ft of Class "B" cmt. Press tested csg to 2000 psi - held OK for 15 min. Pulled tbg up to 7845' & spotted 110 gal of 10% acetic acid 7845'-7735'. Pulled tbg up to 6500'.

On 9-23-82, TIH & perf Dakota w/34, 0.42" holes, 1 spf, 22 gram charge: 7790'-7812', 7824'-7830', 7835'-7841'. TIH w/pkr & set @ 7700'. Acidized Dakota perfs 7790'-7841' w/2000 gal of 15% HCl & 500 scf/bbl of N₂ @ avg of 2200 psi.

On 9-24-82, Released & TOH w/pkr. Fraced Dakota perfs 7790'-7841' w/71,500 gal of 20# gel, 115,000# of 20-40 sand & 810,000 scf of N₂. Flow test.

On 9-28-82, TIH & tag sand @ 7850'. Clean out w/N₂ to PBTD (cmt retainer) @ 7930'. Flow test.

On 9-29-82, TIH w/RBP & set @ 7240'. Press tst csg & RBP to 3000 psi - held OK for 15 min. Pulled tbg up to 7150' & spotted 275 gal 10% acetic acid 7147'-6882'.

On 9-30-82, TIH w/pkr & RBP & set RBP @ 7170', pkr @ 6800'. RU & perf Gallup w/39, 0.30" holes, 13 gram charge @ these depths: 6884', 86', 88', 90', 93', 96, 6900', 16', 18', 22', 33', 36', 38', 40', 42', 46', 55', 57', 67', 69', 80', 82', 85', 7040', 42', 45', 57', 64', 67', 72', 74', 83', 85', 87', 91', 7102', 04', 44', 46'. Broke down Gallup perfs 7144'-7146' w/100 gal of 2% KCl water @ 2500 psi. Broke down Gallup perfs 7040'-7091' w/700 gal 2% KCl water @ 2500 psi. Broke down Gallup perfs 6884'-6985' w/1150 gal 2% KCl water @ 2000 psi. Released pkr & retrieved RBP & POH w/pkr & RBP.

On 10-1-82, tried to frac all Gallup perfs. Could not frac - formation plugged off.

On 10-2-82, TIH to 7150'. Spotted 250 gal 10% acetic acid 7147'-6882'. RU & re-perf Gallup w/39, 0.40" holes, 22 gram charge @ exactly the same holes as perfed on 9-30-82 (6884'-7146').

Perf, Acidize & Frac (continued)
L.L. McConnell #13

On 10-4-82, broke down Gallup perfs 6884'-7146' w/500 gal of 10% acetic acid @ 1000 psi avg. Fraced Gallup perfs 6884'-7146' w/81,700 gal of 40# X-linked gel, 144,000# of 20-40 sand, + 1,267,200 scf of CO₂. Flow test.

On 10-7-82, TIH to 7150' & tagged sand @ 7150'. Cleaned out sand w/N₂ to RBP @ 7240'. RU & perf Gallup w/115 0.40" holes, 22 gram chg, 1 spf: 6882-6902', 6915'-25', 6933'-6949', 6954'-60', 6966'-71', 6979'-87', 7038'-47', 7056'-59', 7064'-76', 7080'-93', 7100'-06', 7140'-47'. Flow test.

On 10-8-82, TIH & tagged sand @ 7150'. Cleaned out sand w/N₂ to RBP @ 7240'. Pull uphole w/RBP to 6800' above all Gallup & Dakota perfs. Flow test.

On 10-10-82, finish TOH w/tbg & RBP. TIH & tagged sand @ 7915'. Cleaned out sand w/N₂ to PBTD (cmt retainer) @ 7930'. Flow test.

On 10-12-82, TIH w/ 2 3/8" prod tubing & set @ 7736'. SN @ 7703'. RIH w/rods & 1 1/4" insert pump. Spaced rods out & hung off on polished rod clamp. WO set pumping unit.

On 10-14-82 set pmpg unit. Will potential test.