

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a ~~different reservoir~~.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Dakota Resources, Inc. (I) ☒

3. Address and Telephone No.

310 W. Wall, Ste 814, Midland, TX 79701 (915) 687-0501

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

2291' FSL & 483' FWL, Sec. 8, Unit L  
T-21S, R-28E

5. Lease Designation and Serial No.

LC-050572

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Big Eddy Federal #100

9. API Well No.

30-015-34824

10. Field and Pool, or Exploratory Area

NW Fenton Delaware

11. County or Parish, State

Eddy, NM

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

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☒ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)\*

See Attached Daily Report

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

Signed

*Sam Maphew*

Title

Vice President

Date

6/30/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.

\*See Instruction on Reverse Side

DAKOTA RESOURCES, INC.  
BIG EDDY FEDERAL #100

2/13/92 Blade location. Dig out casing; weld on 5 1/2" stub to casing. Weld 8 5/8" into 5 1/2".

2/14/92 MIRU Lucky Well Service. NU BOP. TIH with 4 3/4" Blade Bit, 4 DC's-3 1/2" XO, to 370'. TOC. Drld green cement to 475'. TIH to 1956'. Drld stringers on cmt to 2525'. Drld hard cmt to 2550'. POH. ND BOP and wellhead. RU Howco. Cmt with 100 sks Class 'C' with 2% CaCl mixed at 15.6 lb/gal. Displaced csg with wiper plug and 7 1/2 bbls FW. Closed annulus and squeeze to 500#. Left annulus and Howco head closed overnight.

2/15/92 ND cmt head. NU BOP's. PU 4 3/4" tooth bit, 8 DC's 1 jt tbq. Tag cement @ 282'. Drld cmt to 314'. Drld rubber plug. Drld to 411' hard cmt. SDON.

2/16/92 Drld. cmt to 490'. Pressure test csg to 500#. Held OK. TIH with tbq. TOC @ 2550'. Drld to 2693'. SDON.

2/17/92 Drld hard cmt to 2851' CIBP. Trip for bit. Left 1/2 of 1 cone. TIH to 2851'. Bust up junk and drld CIBP. T.D. 2859'. Circ. out and SD.

2/18/92 TIH with 5 stds and 4 singles to 3379'. Repair Rig. POH and PU 5 1/2" csg scraper. TIH to 3379'. POH and LD DC and scraper. PU Pkr and TIH to 3129'. Displace with 2% KCl and corrosion inhibitor. LD 10 jts to 2806'. Set pkr. Get injection rate. Pumped 15 BBL into perfs. Pressure climbing. Pressure to 550 for 10 min. Lost 50#. SD.

2/19/92 TIH with 11 jts of 2 7/8" tbq to 3162'. Spot 5 BBL 15% NEFE acid. Pull pkr back to 2805'. ND BOP. NU wellhead. Pressure backside to 300#. Held OK. Acidize with 2500 gal 15% NEFE @ 8 BPM and 1800#. ISIP-400#. 15"-180#. Hooked up injection pump. Start pumping produced fluid @ 7:00 P.M. Average injection rate 1.5-2.0 BPD. Average pressure 500#.

2/20/92 Released pulling unit. Still injecting fluid @ 1.5-2.0 BPM and 500#. Well taking fluid ok.

5/06/92 RU Cobra Industries, Inc. Work stuck pkr loose. LD 86 jts. 2 7/8" tbq, SN & pkr. RU Thomason Wireline. Run GR-CCL. Attempt to perf. Could not get perf gun down due to junk in hole. SDON.

5/07/92 Bled well down. TIH with 6-3 1/2" collars, bit, and 110 jts 2 7/8" tbq. Hit tight spot at 3310'. Wash & ream to 3610'. Circ. hole clean. POH. RU wireline. WIH with 4" perf guns to 2210'; could not get deep enough to perf. POH & SDON.

5/08/92 TIH with new 4 3/4" varel bit, 2-4" junk baskets, 6-3 1/2" DC on 2 7/8" tbq. to 3610'. Attempt to wash by junk for approx. 3 hours. POH and perf with 3 1/8" perf gun @ 3330-3350' and 3432-3452'. TIH w/pkr to 2700'. Set pkr and test to 600#, held OK. Unseat pkr and TIH to 3273'. Reseat pkr. Open by pass, displace acid to btm of tbq. Acidize with 400 gal 7 1/2% NeFe. Balled out. Surge balls. Acidize @ 6 BPM; 1750#. Overflush 100 BBL. ISIP-800#, 10 min- 650#, 15 min- 590#. Unseat pkr. PU to 2700' and reseat pkr. Used wellbore for disposal over weekend. Ave. inj. press 550#-ave. inj. rate 2 BPM.

5/09/92 Disposing produced water.

5/10/9 Disposing produced water.

5/11/92 POH with pkr. Run lead impression block on sand line. Could not get to bottom. PU 4 1/2" magnet, run on sand line. Made 2 runs to attempt to recover cone off 4 3/4" bit. Unsuccessful. PU 4 5/8" shoe. TIH to 3600'. Wash over to 3761'. POH with shoe. Recovered pieces of tbq collar and other small pieces of junk. Appears part of cone still in hole. PU 4 3/4" bit. TIH to 3761'. Rotate on junk. Circulate hole clean. Pull 10 stands. SDON.

5/12/92 TIH w/ 4 1/2" lead impression block. Shows part of tbq collar yet to be recovered. Run

magnet. Recovered fine pieces of metal, no cone or tbq collar. TIH w/ 4 5/8" shoe, milled over junk. POH. Recovered remaining junk and bottom end of BP. TIH w/ 4 3/4" bit, drilled cement to 3688'. Circ. hole clean. POH. Shut well in. SDON.

5/13/92 TIH with new bit and 10-3 1/2" DC. Tag cement @ 3688'. Drld hard cmt to 3800'. Sample recovery showed Delaware sand instead of cement. Bit kicked off and started drlg new formation. Drld ahead with 2 pts wt on bit. Formation still sandstone. Increase bit wt to 8 pts. Drld formation to 3830'. Circ. well clean and POH.

5/14/92 TIH with DC. Tag bottom @ 3828'. Drld new hole to 3929'. Circ. clean. POH. SDON.

5/15/92 TIH with 4 3/4" button bit. Drld to 4170'. Circ. hole clean. POH. SDON.

5/16/92 TIH w/ pkr to 4150'. Spot acid in open hole. Pulled back to 3640'. Acidize w/ 500 gals 7.5% NeFe, 5 BPM - 1000#. Increase rate to 7 1/2 BPM. Overflush with 50 BBL 2% KCl water. Inj. rate into open hole @ 1 BPM & 400# & 1/2 BPM @ 500#. SDON.

5/17/92 Disposing produced water @ 550# and 1 1/2 BPM into open hole.

5/18/92 Bled well. RU Knox Industries. Pumped 412 BBL 10# brine with 1800# rock salt in four stages. Ave. rate 10 BPM-ave press 2800#. POH to 2700'. Set pkr. Performed step rate test with John West Engineering:  
.75 BPM - 250#  
1.5 BPM - 350#  
2.5 BPM - 550#  
3.5 BPM - 700#  
4.5 BPM - 900#  
5.5 BPM - 1100#  
6.5 BPM - 1500#  
7.5 BPM - 1750#  
8.5 BPM - 1900#  
SDON.

5/19/92 POH laying dn tbq. Laid dn pkr. and DC. SDON.

5/20/92 PU 5 1/2" plastic coated tension pkr, 91 jts 2 7/8" OD 6.5#/ft J-55 Rice Duolined EUE 8RD tbq. Set pkr @ 2821'. ND BOP. Install

wellhead. Began using well as disposal for  
produced water. Rate 1 1/2 BPM - 550#.  
Will install permanent tank battery in 7 to  
10 days.