

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Lawer DD

Artesia, NM 88210

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.
NM-10191

6. If Indian, Allotment or Tribe Name

7. If Unit or CA Agreement Designation
8910115720

East Shugart Unit

8. Well Name and No.
East Shugart Unit #1

9. API Well No.
30-015-05613

10. Field and Pool, or Exploratory Area
Shugart (Y-7R-Q-G)

11. County or Parish, State
Eddy Cnty, NM

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

RECEIVED

MAY 20 '94

O. C. D.
ARTESIA, OFFICE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Devon Energy Corporation (Nevada)

3. Address and Telephone No.

20 N. Broadway, Suite 1500, OKC, OK 73102-8260

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

330' FSL & 330' FEL
Sec. 27-T18S-R31E, Unit P

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 Converted to single zone injection well
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completions 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.)

02-16-94 thru 02-19-94 RU pulling unit. NU BOP. POH w/82 jts 2 3/8" Hydril tbg. Sheared Baker Model K dual packer. Ran bit and csg scraper to 2775'. RIH w/RBP to 2765'. Set packer. Tested csg 2760' to surface to 500 psi, held OK. Pulled packer and RBP. Milled over Model D packer at 2765'. Cleaned out fill from 3765-3850' (iron sulfide and sand). Circ'd hole clean.

02-20-94 thru 02-22-94 Ran 7" RBP and 7" Big Bore packer. Set RBP at 3250'. Set packer. Tested csg from 3245-2730' to 1500 psi, held OK. POH w/RBP and packer. Ran 4" csg gun and perf'd Queen from 3820-3834' w/2 JSPF. Ran 7" Big Bore Model R packer to 3834'. Spotted 150 gals 15% HCl acid across Lower Queen 2, 3 and 4 perfs. Reset packer at 3670'. Treated well w/1850 gals 15% pad acid w/20% Xylene and 1000 gals 10# brine. Fluid was pumped in stages and diverted w/rock salt (250#/stage, 1000# total).

02-23-94 thru 02-25-94 POH w/packer. Ran RBP and RTTS packer. Set RBP at 3700'. Spotted 250 gals 15% HCl pad acid w/20% Xylene across the Lower Queen 1 and 3. Set packer at 3450'. Pumped acid away. Acidized perfs 3520-3655' w/1250 gals 15% pad acid w/20% Xylene and 1000 gals 10# brine. Fluid was pumped in stages and diverted w/rock salt (250 lbs per stage, 1000# total). Flushed acid w/1134 gals 10# brine. Reset RBP at 3457'. Reset packer at 3422' and spotted 200 gals 15% pad acid w/20% Xylene. PU packer to 3235' and reversed 10 BSW to clear annulus of acid. Set packer at 3235'. Acidized w/2000 gals 15% pad acid + 1924 gals 10# brine. Acid was pumped in 3 stages and diverted between stages w/rock salt (500#/stage, 1000# total).

(Continued on reverse.)

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

Signed E.L. Buttross, Jr.

E.L. Buttross, Jr.

Title District Engineer

Date 03-23-94 /cg

(This space for Federal or State office use)

Approved by _____
Continuation of approval, if any:

Title _____
J. Lara
19 1994

02-26-94 Reversed rock salt off RBP and reset at 3250'. Reset packer at 2500'. Press'd annulus to 500 psi, held OK. Ran Pump-taker in Tracer. Showed Yates perfs at 2716-2726' taking 66% of fluid, 2690-2702' taking 12%, 2638-2656' taking 5%, 2608-2630' taking 17%. POH w/RTTS packer. Ran 2 7/8" ibg open ended. Spotted 4 sx sand on top of RBP.

02-27-94 Talled 2 7/8" ibg in hole. Tagged sand at 3246' (RBP at 3266'). Ran Halliburton EZSV cement retainer, set at 2508'. Squeezed Yates perfs 2608-2736' using 150 sx Class C w/4/10 of 1% Halad-322 + 200 sx Class C w/2% CaCl₂; mixed at 14.8 ppg. Final squeeze press 1600 psi. Pulled out of EZ Drill retainer at 2508'. Drid retainer and cement to 2726'. Tested each set of open perfs and squeezed Yates perfs (from 2690-2702'), held 300 psi for 20 mins. Washed sand off RBP. Ran thru Yates perfs w/bit and csg scraper. Latched RBP and POH.

03-03-94 Ran plastic coated Baker AD-1 tension packer and 102 jis (new) 2 3/8" 4.7# J-55 8rd plastic coated (TK-99) ibg annulus to 500 psi, bled to 270 psi and held for 20 mins. Test witnessed by Gary Williams w/NMOCD. Put well on injection. (3250.46'). Packer set at 3254.06'. Circ'd packer fluid behind ibg. Set packer w/16 pts tension. HU wellhead. Press'd ibg-csg RD pulling unit.

03-11-94 Injected 350 BWPD w/TP 750 psi.