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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

1977

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER. attempted completion	7. Unit Agreement Name
2. Name of Operator W. E. Bakke Jr.	8. Farm or Lease Name J. Lee Daniels
3. Address of Operator 719 Republic Bldg., 1612 Tremont, Denver, Colorado 80202	9. Well No. 1
4. Location of Well UNIT LETTER F, 1980 FEET FROM THE West LINE AND 1980 FEET FROM THE North LINE, SECTION 7 TOWNSHIP 22N RANGE 22E NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 6120 GR	12. County Mora

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER completion attempt <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

SEE COPY OF ATTACHED REPORT

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED E. C. Barnhart TITLE Consultant DATE October 4, 1977

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10/13/77

CONDITIONS OF APPROVAL, IF ANY:

E. C. BARNHOLT

PETROLEUM ENGINEER
903 REPUBLIC BUILDING
1612 TREMONT PLACE
DENVER, COLORADO 80202

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OFFICE 303/534-4437

HOME 303/733-1120

222-0050

W. E. BAKKE, JR.

WELL COMPLETION REPORT

LEE DANIELS NO. 1

- 8/22/77 Move in, rig up Gunn-Campbell Well Servicing. Ran in hole with tubing and bit, TD 1480 ft. Start pulling tubing stuck. Shut down to wait on pump truck.
- 8/23/77 Worked tubing loose, pulled tubing and bit. Ran 580.22 ft. of 4-1/2" 9.5# liner w/baskets and centralizers, cemented with 60 sacks 50-50 pozmix 6%, Halad 9, 2% CaCl. Tried to reverse out excess cement, couldn't get returns. Circulated cement out the long way.
- 8/24/77 WOC
- 8/25/77 Rigged up Four A Logging. Ran G/R Correlation Log, PBTD 1465 ft. Top of 4-1/2" liner at 907 ft. Ran Bond Log, top of cement at 1184 ft. Perforated Morrison 1385-1395', 1236-1240' and 1243-1245' with 2 per ft. Picked up Baker Retrievalmatic packer and retrievable BP, set BP at 144 ft., set packer at 1359 ft. Start swabbing at 11:30 A.M. Swabbed down by Noon, wait one hour, 10 ft. fillup. Moved packer to 1207 ft., swabbed down gas ahead of swab. Wait 30 minutes, 100 ft. fillup, gas ahead of swab.
- 8/26/77 Reset packer at 1359 ft., BP at 1441 ft., rigged up Halliburton, swabbed tubing dry, spotted 15% HCL, pressured up to 3500 psi, couldn't break perforations. Spotted acid over perms., moved packer to 1207 ft., swabbed tubing dry, treated perms with 315 gal. 15% HCL misted with 31,500 SCF nitrogen, pumped 1500 SCF/min. at 1500 psi. Blew well down. Start swabbing at 2:00 P.M., Fluid level staying 500 ft. from surface, est. swabbing 23 BFPH, no gas show.
- 8/27/77 700 ft. of fluid in well. Swabbed from 8:00 A.M. until 2:30 P.M., recovered 500-600' fluid per run, no gas show, est. 20-25 BFPH. Reset packer at 1359 ft., swabbed tubing down, recovered 100 ft. fluid per run, no gas show, acid spotted on perms. apparently worked into the zone. Recovered BP, pulled packer and BP.

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8/28/77 Sunday, shut down.

8/29/77 Heavy rain, wait on road to dry. Rigged up Four A. Set Baker cast iron BP at 1220 ft. Perforated 4 - .380" holes at 1150 ft. Set Halliburton EZ drill retainer at 1130 ft., ran tubing, string into retainer, broke circulation. Re-cemented 4-1/2 liner with 75 sacks Class H cement with 12 lbs. Gilsonite per sack, circulated out excess cement, pulled tubing.

8/30/77 Rigged up Four A, ran Bond Log, good bond over Dakota, ran tubing, swabbed well down. Perforated 998'-1004' with 4 per ft. Ran tubing to 973 ft., no fluid, fair gas burn ahead of swab, flare continued to burn. Shut down at 4:30 P.M. Check well at 6:00 P.M., no blow.

8/31/77 Well dead, 10 ft. fluid, lowered tubing to 1037 ft., ran swab once per hour until 1:30 P.M., recovered 10' fluid per run, no gas.

9/1/77 Well dead, 80 ft. fluid, gas ahead of swab, swabbed down, gas ahead of each swab run. Raised tubing to 1000 ft. Rigged up Halliburton. Injected 10,000 SCF nitrogen into perfs at 500 SCF/min. Pressure increased from 200 psi to 500 psi while treating. Opened well at 10:25 A.M., well dead at 11:00 A.M. Ran swab, no fluid or gas. Ran swab once per hr. until 3:00 P.M., same results. Shut down.

9/2/77 80 ft. fluid this A.M., no gas, swabbed down. Pulled tubing, rigged up Halliburton, treated perfs down casing with 500 gal. 15% HCL misted with 27,000 SCF nitrogen, formation broke at 800 psi treated at 750 psi. Blew well down, ran tubing to 1000 ft., started swabbing at 11:00 A.M. Swabbed 12 BFPH until 12:00 Noon, 7 BFPH until 1:30 P.M., 5 BFPH until 2:30 P.M., 4 BFPH until 4:00 P.M. No gas show.

9/3/77 700 ft. fluid this A.M., swabbed down to 30 ft. by 1:45 P.M. Wait one hr., recovered 100 ft. Swabbed 4 BFPH until 4:00 P.M. No gas show.

9/4/77 Sunday, shut down.

9/5/77 750 ft. fluid this A.M., swabbed all day, est. 4 BFPH. No gas show.

9/6/77 700 ft. fluid this .M., ran swab, no gas show, released rig at Noon.