

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-095-25027
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. 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. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Richardson Operating

3. Address of Operator

3100 Laplate highway Farmington NM 87701

4. Well Location

Unit Letter M : 735 feet from the S line and 510' feet from the W line  
Section 7 Township 28N Range 14W NMPM County SJ

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5187' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Run work string to 7696' (GL Perfs 7779'-7676') spot 50 SX B Neat-15.6# cmt. plug 7696' to 7096' (GL top 7190') WOC - press test - tag plug
2. Run work string to 1504' (MV top at 1704') spot 15 SX B Neat-15.6# plug 1504' to 1304' - WOC - tag plug - press test to 500 psi -
3. Press test Braden head to 500 psi -
4. Run + bg to 532' (PC top 732') surface shoe at 352' - pump 50 SX B Neat-15.6# - Bring cmt to surface -
5. cutoff wellhead - Fill csg - install P&A marker

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

*[Signature]*

TITLE

OPS mgr

DATE

1-8-05

Type or print name

For State Use Only

E-mail address:

Telephone No.

APPROVED BY

*[Signature]*

TITLE

SUPERVISOR DISTRICT #3

JAN 10 2005

DATE

Conditions of Approval (if any):

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

TYPE OF WELL		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No.	
TYPE OF COMPLETION		7. Unit Agreement Name	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Kirtland	
Name of Operator Caribou Four Corners, Inc.,		9. Well No. #10	
Address of Operator PO Box 627, Kirtland, NM 87417		10. Field and Pool, or Wildcat Cha-Cha Gallup	
Location of Well		12. County San Juan	
LETTER M LOCATED 735 FEET FROM THE South LINE AND 510 FEET FROM West LINE OF SEC. 7 TWP. 29N RGE. 14W 4MPM			
Date Spudded 6-8-81	16. Date T.D. Reached 6-23-81	17. Date Compl. (Ready to Prod.) 7-22-81	18. Elevations (DF, RKB, RT, GR, etc.) 5187 G.L.
19. Elev. Casinghead 5187	21. Plug Back T.D. 4658.35 K.B.		
22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 351-T.D.	Cable Tools 0-351	25. Was Directional Survey Made yes
Producing Interval(s), of this completion - Top, Bottom, Name 4449-4646			27. Was Well Cored no
Type Electric and Other Logs Run Dual Induction-SFL-FDC-CNL			

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	340.75 G.L.	12 1/2"	275 SX	
8 1/2"	9.5#	4699.75 K.B.	7 7/8"	975 SX	

LINER RECORD

30.

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

Perforation Record (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4449-4646	Spot 300 gal 7 1/2% HCL over perfs
	frac with 40,000# 20/40 sand
	and 20,000# 10/20 sand with 759
	bbls KCL 30# gelled water.

PRODUCTION

First Production 7-17-81	Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing		Well Status (Prod. or Shut-in) Shut-in	
Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF
Disposition of Gas (Sold, used for fuel, vented, etc.)			Test Witnessed By	

Number of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

*[Signature]* 9-10-81

KIRTLAND #10

SW $\frac{1}{4}$ SW $\frac{1}{4}$

Sec 7: T29N., R14 W.,

San Juan Co., NM

06-09-81 Depth 25 ft. Set 20' of Temporary 20". Moved in and rigged up.

06-10-81 Depth 42 ft. Set 35 ft of 13 3/8" temporary. Made 17' in 12 hrs of operation. Pulled temporary 20".

06-11-81 Depth 200'. Made 150' in 24 hrs.

06-12-81 Depth 335'. Made 135' in 24 hrs. Will drill to approximately 347 and set 8 5/8".

06-13-81 TD 351' at 11 AM. Ran 8 joints 8 5/8" 23# casing with guide shoe, tallying 340.74' (Casing 339.74' threads off, 342.31 Threads on). Set at 1' below ground level with 275 sacks regular cement with  $\frac{1}{4}$ # floseal per sack and 3% CaCO<sub>2</sub>. We were unable to pull 13 3/8". Ran 30 bbls fresh water flush starting at 4 pm to fill hole. Plugged down at 4:35 pm. Good return throughout. Circulated 75 sacks cement.

06-14-81 Moved off Cable tool.

06-18-81 Moved in and rigged up rotary tools.

06-19-81 Depth 1290'. Operation drilling. Made 930' in 11 $\frac{1}{2}$  hrs. Bit #1-Reed S-12, new in at 357'. MW 8.4, VIS 30, WL 8.4.

06-20-81 Depth 2119'. Made 829' in 21 $\frac{1}{2}$  hr, operation drilling. Bit #1-Reed S-12, new. Made 1313' in 21 $\frac{1}{2}$  hr, out at 1670'. Bit #2-Reed S-12, new, made 449' in 13 $\frac{1}{2}$  hr, out at 2119'. Bit #3 Smith F2x, new in at 2119'. Survey at 2119'- 1 3/4°. mw 9 vis 29, wl 8.

06-21-81 Depth 3216, made 1097' in 21 hr drilling. mw 9.2, vis 32, wl 8.8.

06-22-81 Depth 3955. Made 739' in 24 hr drilling. Operation drilling. mw 9.2, vis 32, wl 8.4.

06-23-81 Depth 4575'. Operation Drilling. Made 620' in 24 hrs. Estimated pay zone from 4500-4575'. Lost no circulation. mw 9.1, vis 43, wl 8 LCM 3%. Expect to log in AM 6/24.

06-24-81 Depth 4700'. Operation laying down drill pipe to run long string. TD at 1:45 pm. Circulate, short trip, circulate, trip out of hole until 10 pm. Logging with Schlumberger 10:00pm to 3:30am. Trip in hole 3:30 am-7:00 am. 7:00-8:00am, lay down drill pipe.

06-25-81 Laying down casing 8-2:30 PM. 2:30-6PM run casing. 6-7:30PM cement 1st stage. 8-9PM cement 2nd stage. Circulated 5 bbl cement. Rig released 3AM 6/25/81. Detailed report in AM.

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Form C-103  
Revised 10-1-81

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State ☐ Fee ☒  
5. State Oil & Gas Lease No.

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USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

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11. Elevation (Show whether DF, RT, GR, etc.) 5187	12. County San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
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## 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 type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" 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 <input 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.

- 6-8-81 Spudded with cable tools at 3:00 P.M.
- 6-12-81 To 351' with cable tools. Ran 8 jts. 8 5/8" 23# measuring 340.75' set at 341.75' G.L. Set with 275 sacks cement, 3% CaCl<sub>2</sub> and 1/4# floreal per sack circ. approx. 75 sacks to pit, good returns throughout.
- 6-18-81 Drilled out from under surface casing at 6:15 P.M.
- 6-23-81 T.D. 4700' at 2:00P.M. Ran Schlumberger logs.
- 6-24-81 Ran 116 jts. 9.5# 4 1/2" casing. Cemented with 975 sacks in two stages. Circ. 12 bbls. cement during first stage and 5 bbls. cement during second stage tool set at 3407.91' K.B.

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

SIGNED Jim Busch TITLE Regional Manager DATE 9-10-81  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_