

C/SF

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM 61349
2. Name of Operator LOUIS DREYFUS NATURAL GAS	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 14000 Quail Springs Parkway, Ste. 600 Oklahoma City, OK 73134	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FSL & 330' FWL UL M. Sec. 31-22S-29E	8. Well Name and No. Quahada Ridge "31" Fed.
	9. API Well No. #4 30-015-27836
	10. Field and Pool, or Exploratory Area Herradura Bend, E. Del
	11. County or Parish, State Eddy Co., NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Ran casing.	<input type="checkbox"/> 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.)*

Ran 5-1/2" 15.5# K-55 LTC casing. See attached for detail.

RECEIVED

SEP 15 1995

OIL CONSERVATION
DIST. 2

13 1995

SJS

NEW MEXICO

14. I hereby certify that the foregoing is true and correct		
Signed <u>Raylene Smith</u>	Title <u>Production Analyst</u>	Date <u>8/9/95</u>
(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

Page Five
Drilling and Operation Summary
Quahada Ridge 31 Fed #4

07/04/95 Day 18-Depth-6490; Prog-0; Oper-RD; Formation-Delaware; MW-9.2; Vis-32; PV/YP-3/2; Gal-1/2; pH-10; WL-10; Cake-film; Solids-1%; Chls-71K; Time Breakdown-2 hrs-Waiting on equip; 6 ½ hr-Running 5 ½" csg; 1 hr-Circ csg & RD csg crew; 2½ hrs-Cmtg; Drop bomb & circ out cmt; 5 hrs-Circ between stages; 1hr-Cmtg 2nd stage; 3 hrs-ND & hung slips & NU weilhead; 3 hrs-RD. Replaced rig @ 3:00 am (MST) 7-4-95. Csg 5 ½" 15.5#, K-55, LTC, 8 rd. Csg set @ 6490', FS set @ 6489', FC set @ 6448'; DV set @ 4270'; Ran 10 cent & 10 turbolizers on csg. Cmt 1st stage-Pmp 10 bbls wtr, 10 bbls Chl 100, 10 bbls wtr, 10 bbls D75, 10 bbls wtr., 475 sx 50/50 H/POZ w/5# sx salt, 3% DGO (Flac), 2.5 # B28 (X-pand), 1/4# Cello flake & .2% defoamer. Mixed 14.4#/g w/1.31 yield. Displ w/60 bbls wtr & 93.5 bbls mud. Bmp plug w/500 psi over lift pressure. Ck float (OK). Plug dn @ 5:00 pm (MST) 7-3-95. Drop opening bomb. Open DV w/900 psi. Circ 110 sxs to pit. Circ. Circ w/rig. Pmp til 2nd stage. 2nd Stage-Pmp 10 bbls wtr, 10 bbls Chl 100 spacer, 10 bbls wtr, 10 bbls D75, 10 bbls wtr. 500 sxs (same additives as 1st stage). Mixed @ 14.4#/g. W/1.31 yield. Displaced w/101 bbls wtr. Bmp plug & close DV tool. Closed ok. Plug dn @ 12:01 am 7-4-95. (Estimated TOC @ 2300'). ND weilhead & set cactus slips w/65,00#. Finish ND & install seals & 11"-3000 x 7/16 -3000 tbg head. Test head to 2000 psi. Install flange cap. Release rig @ 3:00 am 7-4-95.
DMC\$1,200 TMC\$5,510
DWC\$69,040 CWC\$258,264

07/21/95 MIRU L & R pulling unit. NU BOP. Unload & tally 200 jts 2 7/8" tbg. GIH w/4 3/4" bit, 4-3 ½" DC, & tbg to 4272'. RU Davis tool Rev unit & prep to drl out DV tool. SDFN.
DMC\$ 0 TMC\$5,510
DWC\$2,875 CWC\$261,139

07/22/95 Drlg out cmt & DV tool @ 4272. Circ hole cln & test to 500 psi 15 min. (OK) Continue in hole to 6440'. Drl cmt to 6445' (wiper plug) Circ hole cln. POOH & lay dn collars. GIH w/bit 5 1/2" Csg scraper & 2 7/8" tbg. Wrk scaper through DV tool area. Continue to PBTD of 6445 & circ hole w/2% KCL. SDF week end. NOTE; 200 jts 2 7/8" J55 8rd tbg (6534.49) on location.
DMC\$ 0 TMC\$5,510
DWC\$22,545 CWC\$283,684

07/25/95 Pull btm of tbg to 6400' & RU Howco & pmp 100g HCL to cln tbg. Reverse to pit. Spot 250g 7½ % NE-FE. POOH. RU Wedge Wireline & Run CBL, CCL & GR from PBTD (6437') to 2600' (TOCE 2030') DV tool @ 4262'- 68. Perforate @ 6354'- 72' (18'- 2 SPF - 37 holes) 6378'- 86' (8'- 2 SPF - 17 holes) 6392'- 94' (2'- 2 SPF - 5 holes) & 6397'- 99' (2'- 2 SPF - 5 holes) RD Wedge. GIH w/Baker model 'R' pkr, 2 7/8" x 2 1/4" SN & tbg to 5800'. SDFN.
DMC\$0 TMC\$5,510
DWC\$6,080 CWC\$289,764

07/26/95 SIP - 0. Finish GIH to 6220'. RU Howco & pmp csg vol. Set pkr & test 500 psi (OK) Start formation break dn. Broke @ 2050'. Put acid away. 2½bpm @ 1275 psi. ISIP - 970, 5 min - 900. Acidize w/1900g 7 ½ % flowcheck. SC w/125 ball seaters. Avg 3.1 bpm @ 1296. Max - 3.1 @ 1400. Min - 3.1 @ 1135. ISIP - 945, 5 min - 910, 10 min - 887, 15 min - 870. TLTR - 109. Start recovering load. RU swab. IFL - surface. FFL - SN. Make hourly runs. 700' entry hour. Recovered 66 bbls (43 to rec) Last 2 runs had 1.2% oil cut w/gas ahead of swab. SWI & SDFN.
DMC\$0 TMC\$5,510
DWC\$7,675 CWC\$297,439