

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.B.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
W. SW. B-399	
E. SW. LG-4177	

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.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
Name of Operator		8. Farm or Lease Name
Fred G. Yates, Inc.		Sunburst/Featherstone State
Address of Operator		9. Well No.
Sunwest Centre, Suite 919, Roswell, NM 88201		1
Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER <u>M</u> <u>555</u> FEET FROM THE <u>South</u> LINE AND <u>555</u> FEET FROM		Baum Field
THE <u>West</u> LINE, SECTION <u>13</u> TOWNSHIP <u>13S</u> RANGE <u>32E</u> NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.)		12. County
4314 K.B.		Lea

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 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"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER <u>Squeeze job & Casing test</u> <input checked="" type="checkbox"/>	

7. 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.

- 6/7/85: Ran tracer surveys and temp. logs. PBTD corrected to OH (bond log) 9869'. Major channel down from perms to 9840'. Minor channel from 9840 to past 9869'.
- 6/8/85: Pulled single & 7 stands of tubing. Set Baker Model R-4 double grip packer at 9214'. Established pumping rate of 1/2 BPM @ 1500 psig then mixed 75 sacks Class "H" Cement with 0.6% D-60. Low pressure squeezed 26 sacks (below threshold pressure of formation). Held 2750 psig on tubing-casing annulus during the job, no change. WOC 11:35 a.m. 6/8/85. Left tubing-casing annulus & tubing pressure until 2:00 p.m. Blew down tubing & casing pressure and pulled packer, pump seating nipple and tubing out of hole.
- 6/9/85: Picked up 4-3/4" GRM 3-cone rock bit on 6 joints 3-1/2" OD drill collars and went in hole. Top of cement at 9324'. Drilled cement that became very hard by 9370'; drilled to 9643'.
- 6/10/85: Drilled hard cement to 9667' and softer cement to 9753'. RIH to 9855', took weight, washed to 9874', stopped going up immediately, displaced with fresh water. Pressured casing, squeeze and BOE to 500#, held OK; 1000#, held OK; 1500#, held OK; 2000#, dropped 50 psi in 15 minutes. PBTD - 9874'. Ran CBL from 9753'-9840', showed improved bond, probably sealing off perms from up and down hole.
- 6/11/85: Perforated with a 4 bottom hole block intended squeeze jet shots 9843-44' and set cement retainer at 9830-32'. Ran in hole with 304 joints tubing. Pressured annular space to 500 psi. Pressured tubing in steps to 3000 psi. Slowly bled to 1600 psi.
- 6/12/85: Displaced casing annulus and tubing with 2% KCL water while spotting 150 gallons of 15% KCL NEFE triple inhibited acid (9747-53'). Ran swab to 4000' - no fluid. Existing perforations took fluid on vacuum. POH with swab. POH with tubing & stinger. Ran in hole with 2-7/8" Baker Model R packer, pump seating nipple, and 299 joints tubing. Set packer @ 9604', top of pump seating nipple @ 9696'. Began swabbing back load water.
- 6/13/85: ~~ORIGINAL SIGNED BY JERRY SEXTON~~

APPROVED BY DISTRICT SUPERVISOR TITLE DATE JUN 17 1985

CONDITIONS OF APPROVAL, IF ANY: