Form 3160-5 (June 1990)

UNITED STATES N.M. O DEPARTMY OF THE INTERIOR 3C BUREAU OF LAND MANAGEMENT FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993

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		6. If Indian, Allottee or Tribe Name N/A
1. Type of Well Oil Well Other Other		7. If Unit or CA, Agreement Designation N/A
Devon-SFS Operating, Inc.		8. Well Name and No.
 Address and Telephone No. N. Broadway, Suite 1500, Oklahoma 	City, OK 73102 (Wally Frank 405-235 061) X4595	Old Ranch Knoll 8 Federal #6 9. API Well No. 30-015-32295
4. Location of Well (Footage, Sec., T., R., M., or Survey 2120' FNL & 1600' FEL Sec .8 T22S, R24E	Description)	10. Field and Pool, or Exploratory Area Indian Basin (Upper Penn) Assoc. 11. County or Parish. State Eddy County. New Mexico
CHECK APPROPRIATE BOXIS	S) TO INDICATE NATURE OF NOTICE	
TYPE OF SUBMISSION	TYPE OF A	
Notice of Intent	Abandonment Recompletion	Change of Plans
Subsequent Report Final Abandonment Notice	Plugging Back Casing Repair Altering Casing Other	New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note Report results of multiple completion on Well
 Describe Proposed or Completed Operations (Clearly state all subsurface locations and measured and true vertical depths 	pertinent details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.	Completion or Recompletion Report and Log form.) Starting any proposed work. If well is directionally drilled, give
Devon SFS Operating requests permission to dispose water via gathering system pipeline to our Old Ranch Knoll 8 Fed #4 SWD in Sec 4, T22S, R24E per NMOCD order SWD-585. Request alternate disposal via gathering system pipeline Old Ranch Canyon 7 Fed #5 SWD in Sec 7, T22S. R24E per NMOCD Administrative Order SWD-736. Current production is 2,360 bbls water per day. Water analysis is attached.		
	APPROVED OCT - 8 LES BABYAK PETROLEUM ENGINEER	SUBJECT TO LIKE APPROVAL BY NMOCD
14. I hereby certify that the foregoing is true and correct		
Signed for Auc	Joe Huber Title <u>Foreman</u>	
(This space for Federal or State office use) Approved by	Title SEE ATTACH	
Conditions of approval, if any:		APPROVAL

Champion

Technologies, Inc.

Water Report

Date Entered:

09/19/2002

Customer: Contact **Devon Energy**

Joe Huber

Timothy W. Smith

Test

09/07/2002

CC1:

CC2:

Address:

City Salesman State:

ZIP:

Lab John Baumholser

Lease Name: Old Ranch

Target Name: Old Ranch Knoll 8-6

Water
Calcium 882
Magnesium 292
Barium
Strontium
Sodium(calc.) 1884
Bicarbonate Alkalinity 756
Sulfate 2545
Chloride 3000

Calcite Calculation

Calculation Method Known pH

Remarks:

Formation:

Sample Point: Old Ranch Knoll 8-6 **Appended Physical Properties** CO2 130 Ionic Strength(calc.) 0.21 H2S 342 pH(calc.) Iron Temperature(°F) 119 Pressure(psia) 470 **Additional Data** Density 8.38 **Specific Gravity** 1.01 **Dew Point** Total Dissolved Solids(Mg/L) 9359 Lead

3402

Zinc

Total Hardness(CaCO3 Eq Mg/L) SI && PTB Results

Value Scale Type SI PTB
7.30 Calcite (Calcium Carbonate) 1.23 299.40
Gypsum (Calcium Sulfate) -0.44
Hemihydrate (Calcium Sulfate) -0.33
Anhydrite (Calcium Sulfate) -0.48

Barite (Barium Sulfate)
Celestite (Strontium Sulfate)