

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**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. NMNM 96782
2. Name of Operator Fasken Oil and Ranch, Ltd.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 303 W. Wall, Suite 1800, Midland, TX 79701 (915) 687-1777	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 560' FSL, 660' FEL Unit P, Section 27, T18S, R33E	8. Well Name and No. Federal 27 No. 2
	9. API Well No. 30-025-29400
	10. Field and Pool, or Exploratory Area EK; Bone Spring
	11. County or Parish, State Lea County, NM

**12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other water disposal
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)  
Fasken Oil and Ranch, Ltd. is requesting approval to dispose of produced water. Produced water is from the Corbin S.; Queen pool. This well makes approximately 1 BWPD. A current water analysis is attached. Produced water is stored in a stock tank. Produced water is hauled via Plains Marketing trucks to a SWD. The disposal facility is the EGL operated Arco State No. 2 SWD located in Unit O, SW/4, SE/4, Section 16, T18S, R35E. A copy of the SWD permit is attached.

**SUBJECT TO  
LIKE APPROVAL**

**RECEIVED**  
OCT 25 2010  
HOBSOCD

**SUBJECT TO  
LIKE APPROVAL  
BY STATE**

**APPROVED BY STATE**  
JUL 18 2003  
GARY GOURLEY  
PETROLEUM ENGINEER

**RECEIVED**  
JUL 2003  
Hobbs  
OCD

14. I hereby certify that the foregoing is true and correct

Signed <u>Jimmy D. Lacey</u>	Title <u>Regulatory Affairs Coordinator</u>	Date <u>6/27/2003</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

GWW

# Endura Products Corporation

P.O. Box 3394, Midland, Texas 79702  
Phone (432) 684-4233 Fax (432) 684-4277

## WATER ANALYSIS

Date	6/25/03	Endura Rep	Greg Archer	Code	101006266
Sampling Point/Date	Wellhead 6/20/03	State	New Mexico		
Company	Fasken Oil & Ranch, LTD	County	Lea		
Formation	Lease FEDERAL 27	Well	#2		

## DISSOLVED SOLIDS

### CATIONS

	mg/l	me/l
Sodium, Na+ (Calc.)	69,345	3,015
Total Hardness as Ca++	1,840	0
Calcium Ca++	1,400	70
Magnesium, Mg++	268	22
Barium, Ba++	0	0
Iron (Total) Fe+++*	15	1

### ANIONS

Chlorides, Cl-	109,000	3,070
Sulfate, SO4-	1,075	22
Carbonate, CO3-	0	0
Bicarbonates, HCO3-	1,000	16
Sulfide, S-*	0	0
Total Dissolved Solid	182,103	

## OTHER PROPERTIES

pH*	6.989
Specific Gravity, 60/60 F.	1.110
Turbidity	124

## SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO3</u>	<u>ASO4*2H2O</u>	<u>CA SO4</u>	<u>BA SO4</u>
80	0.7681	-0.8534	-1.1076	-29.3136
120	1.1479	-0.8644	-0.9382	-29.5078
160	1.7329	-0.8842	-0.7854	-29.7359

## PERFORATIONS