

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 27 10 57 AM '93

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

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

5. Lease Designation and Serial No.

LC 032591 A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Elliott A #1 & 2

9. API Well No.

30-025-06716

10. Field and Pool, or Exploratory Area

Drinkand & Blinebny

11. County or Parish, State

Lea County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

John H. Hendrix Corporation

3. Address and Telephone No.

P.O. Box 910 Eunice, New Mex. 505-394-2649

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 660' FEL Sec. 21 T-21 R-37

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other NTL-2B Approval
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)

- (a) Drinkand & Blinebny
(b) Blinebny (Well # 2)-5 1/2 BWPD Drinkand (Well # 1)-0 BWPD
(c) See attached
(d) Water is stored in a 100 bbl. bolted tank & a 100 bbl. welded tank
(e) Water is trucked to disposal facility.
(f) Water is trucked to the following places:
MARR WATER DISPOSAL
Well Name-Cities Federal # 1
NMOCD Authorization Permit No: Orden #R7504
Legal Description:
Truck Station: NE/4 of NE/4 S-18 T-22S R-36E
Well: NE/4 of SW/4 S-20 T-22S R-36E
The disposal well is located 2 miles south of the truck station where the trucks actually unload. The water is pipelined from the station to the well.

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

Signed

William J. Burrows

Title

Production Supt

Date

10-19-93

(This space for Federal or State office use)

Approved by

(ORIG. SCD) JOE G. LARA

Title

PETROLEUM ENGINEER

Date

11/24/93

Conditions of approval, if any:

TRETOLITE

PETROLITE

16010 Barker's Point Lane, Suite 450
Houston, Texas 77079-4021
713 558-5200 • Fax: 713 589-4737

Reply to: P.O. Box 5250
Hobbs, New Mexico 88241
505 392-6711 Phone
505 392-3759 Fax

WATER ANALYSIS REPORT

Company : JOHN HENDRIX CORP.
Address :
Lease : ELLIOTT A
Well :
Sample Pt. : WF DUMP VALVE

Date : 10/08/93
Date Sampled : 10/05/93
Analysis No. : 922

ANALYSIS	mg/L	* meq/L
1. pH	6.2	
2. H2S	NR	
3. Specific Gravity	1.105	
4. Total Dissolved Solids	150306.3	
5. Suspended Solids	NR	
6. Dissolved Oxygen	NR	
7. Dissolved CO2	NR	
8. Oil In Water	NR	
9. Phenolphthalein Alkalinity (CaCO3)		
10. Methyl Orange Alkalinity (CaCO3)	251.0	
11. Bicarbonate	HCO3 306.2	HCO3 5.0
12. Chloride	Cl 92382.7	Cl 2606.0
13. Sulfate	SO4 1400.0	SO4 29.2
14. Calcium	Ca 7735.4	Ca 386.0
15. Magnesium	Mg 3748.6	Mg 308.4
16. Sodium (calculated)	Na 44733.3	Na 1945.8
17. Iron	Fe 0.0	
18. Barium	Ba NR	
19. Strontium	Sr NR	
20. Total Hardness (CaCO3)	34751.2	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
386 *Ca <----- *HCO3	Ca(HCO3)2	81.0	5.0	407
----- /----->	CaSO4	68.1	29.2	1984
308 *Mg -----> *SO4	CaCl2	55.5	351.8	19523
----- <----- /	Mg(HCO3)2	73.2		
1946 *Na -----> *Cl	MgSO4	60.2		
	MgCl2	47.6	308.4	14681
Saturation Values Dist. Water 20 C	NaHCO3	84.0		
CaCO3 13 mg/L	Na2SO4	71.0		
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	1945.8	113711
BaSO4 2.4 mg/L				

REMARKS:

----- W. DICKERSON / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,
ROZANNE JOHNSON

SCALE TENDENCY REPORT

Company	: JOHN HENDRIX CORP.	Date	: 10/08/93
Address	:	Date Sampled	: 10/05/93
Lease	: ELLIOTT A	Analysis No.	: 922
Well	:	Analyst	: ROZANNE JOHNSON
Sample Pt.	: WF DUMP VALVE		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. =	0.3	at	60 deg. F	or	16 deg. C
S.I. =	0.4	at	80 deg. F	or	27 deg. C
S.I. =	0.4	at	100 deg. F	or	38 deg. C
S.I. =	0.5	at	120 deg. F	or	49 deg. C
S.I. =	0.6	at	140 deg. F	or	60 deg. C

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	2007	at	60 deg. F	or	16 deg C
S =	2216	at	80 deg. F	or	27 deg C
S =	2350	at	100 deg. F	or	38 deg C
S =	2415	at	120 deg. F	or	49 deg C
S =	2462	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
ROZANNE JOHNSON