

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 ☐ Oil Well ☐ Gas Well ☒ Other OO & GO 7 III.A	5. Lease Designation and Serial No. <u>LC 011510 NM 115</u>
2. Name of Operator Conoco Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 10 Desta Dr., Ste 100W, Midland, Tx 79705	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit letter A, S-10 T-20S R-36E	8. Well Name and No. Sanderson B-1 #10
	9. API Well No. 300253263000
	10. Field and Pool, or Exploratory Area Eumont
	11. County or Parish, State Lea

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

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☐ Other
	☐ 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.)*

Water Producing Formation:	Eumont
Amount of Water Produced:	35 bbls per day
Current Water ANALYSIS Attached:	Yes
How is water stored on lease:	1 - 400 bbl tank
How is water moved:	truck
Disposal Facility Operator:	Mar Water Disposal Inc.
Disposal Facility Well Name & #:	Cities Federal 1 S-30, T-22S, R-36E
Disposal Permit #:	Order # R-7504

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CAB
ARCH

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

Signed [Signature] Title Sr. Oil & Gas Assistant Date 5/9/95

(This space for Federal or State official use)

Approved by [Signature] Title Regional Director Date 5/9/95

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 statement or representations as to any matter within its jurisdiction.

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JUN 13 1985

**OLD HOBBS
OFFICE**

TRETOLITE DIVISION

 (505) 392-6711
 Fax (505) 392-3759

 WATER ANALYSIS REPORT

 Company : CONOCO INC.
 Address :
 Lease : SANDERSON B-1
 Well : #10
 Sample Pt. : WELLHEAD

 Date : 4/21/95
 Date Sampled : 4/21/95
 Analysis No. : 62

ANALYSIS		mg/L	* meq/L	
-----		----	-----	
1.	pH	6.9		
2.	H2S	210 PPM		
3.	Specific Gravity	1.010		
4.	Total Dissolved Solids	25379.1		
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)	1670.0		
11.	Bicarbonate	HCO3 2037.4	HCO3	33.4
12.	Chloride	Cl 13221.4	Cl	373.0
13.	Sulfate	SO4 1100.0	SO4	22.9
14.	Calcium	Ca 1146.3	Ca	57.2
15.	Magnesium	Mg 763.3	Mg	62.8
16.	Sodium (calculated)	Na 7109.9	Na	309.3
17.	Iron	Fe 0.7		
18.	Barium	Ba NR		
19.	Strontium	Sr NR		
20.	Total Hardness (CaCO3)	6005.4		

 PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
-----	-----	-----	-----	-----
57 *Ca <----- *HCO3	Ca (HCO3) 2	81.0	33.4	2707
/----->	CaSO4	68.1	22.9	1559
63 *Mg -----> *SO4	CaCl2	55.5	0.9	50
<-----/	Mg (HCO3) 2	73.2		
309 *Na -----> *Cl	MgSO4	60.2		
-----	MgCl2	47.6	62.8	2990
Saturation Values Dist. Water 20 C	NaHCO3	84.0		
CaCO3 13 mg/L	Na2SO4	71.0		
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	309.3	18073
BaSO4 2.4 mg/L				

REMARKS:

----- T. WILTON / FILE

Petrolite Oilfield Chemicals Group

 Respectfully submitted,
 TOM WILTON

SCALE TENDENCY REPORT

Company	: CONOCO INC.	Date	: 4/21/95
Address	:	Date Sampled	: 4/21/95
Lease	: SANDERSON B-1	Analysis No.	: 62
Well	: #10	Analyst	: TOM WILTON
Sample Pt.	: WELLHEAD		

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

S.I. =	1.0	at	40 deg. F	or	4 deg. C
S.I. =	1.0	at	60 deg. F	or	16 deg. C
S.I. =	1.1	at	80 deg. F	or	27 deg. C
S.I. =	1.1	at	100 deg. F	or	38 deg. C
S.I. =	1.2	at	120 deg. F	or	49 deg. C

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

S =	2967	at	40 deg. F	or	4 deg. C
S =	3199	at	60 deg. F	or	16 deg. C
S =	3367	at	80 deg. F	or	27 deg. C
S =	3453	at	100 deg. F	or	38 deg. C
S =	3473	at	120 deg. F	or	49 deg. C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
TOM WILTON

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U.S. HOUSE
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