

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

Form Approved
Budget Bureau No. 4350-13
Expires: March 31, 1993
PO Box 1980
Hobbs, NM 88241

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

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686-5400

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

SURFAC 1980' FNL & 890' FEL, SEC. 18, T 21S, R 36E, UNIT LTR 'H', TD:

5. Lease Designation and Serial No.

LC 031740A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MEYER A-1
WELL # 19

9. API Well No.

30-025-30091

10. Field and Pool, or Exploratory Area

EUMONT YATES 7 RVRS QUEEN

11. County or Parish, State

LEA, NM

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
☐ 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: 3 bbls water
Current Water Analysis Attached: YES
How is Water Stored on Lease: no storage
How is Water Moved: pumped at Meyer A-1 #20
Disposal Facility Operator: Gold Star Disposal
Disposal Facility well Name & #: Christmas #3, unit B S-28, T-22s, R-37E
NMOCD SWD Facility Permit #: 606

Your approval of this method of disposal is respectfully requested.

APPROVED

SEP 20 1996

**AUTHORIZED OFFICER, MINERALS
BUREAU OF LAND MANAGEMENT**

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

Signed Bill R. Keathly Title SR. REGULATORY SPECIALIST
(This space for Federal or State office use)

Date 9-6-96

Approved by _____
Conditions of approval, if any: _____

Title _____

Date _____

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**



TRETOLITE DIVISON

 (505) 746-3588
 Fax (505) 746-3580

 WATER ANALYSIS REPORT

 Reply to:
 P.O. Box 1140
 Artesia, NM
 88211-7531

Company	: CONOCO INC.	Date	: 08/02/96
Address	: EUNICE, NM	Date Sampled	: 08/02/96
Lease	: MEYER A-1	Analysis No.	: 310
Well	: #19		
Sample Pt.	: WELLHEAD		

ANALYSIS		mg/L		* meq/L
-----		----		-----
1. pH	5.8			
2. H ₂ S	2 PPM			
3. Specific Gravity	NR			
4. Total Dissolved Solids		142121.8		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO ₂		NR		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO ₃)				
10. Methyl Orange Alkalinity (CaCO ₃)				
11. Bicarbonate	HCO ₃	780.0	HCO ₃	12.8
12. Chloride	Cl	85200.0	Cl	2403.4
13. Sulfate	SO ₄	3500.0	SO ₄	72.9
14. Calcium	Ca	3200.0	Ca	159.7
15. Magnesium	Mg	4616.9	Mg	379.8
16. Sodium (calculated)	Na	44820.0	Na	1949.5
17. Iron	Fe	5.0		
18. Barium	Ba	NR		
19. Strontium	Sr	NR		
20. Total Hardness (CaCO ₃)		27000.0		

 PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter		Compound	Equiv wt	X meq/L	= mg/L

160 *Ca <----- *HCO ₃	13	Ca(HCO ₃) ₂	81.0	12.8	1036
/----->		CaSO ₄	68.1	72.9	4961
380 *Mg -----> *SO ₄	73	CaCl ₂	55.5	74.0	4107
<-----/		Mg(HCO ₃) ₂	73.2		
1950 *Na -----> *Cl	2403	MgSO ₄	60.2		
		MgCl ₂	47.6	379.8	18082
Saturation Values Dist. Water 20 C		NaHCO ₃	84.0		
CaCO ₃	13 mg/L	Na ₂ SO ₄	71.0		
CaSO ₄ * 2H ₂ O	2090 mg/L	NaCl	58.4	1949.5	113931
BaSO ₄	2.4 mg/L				

REMARKS:

----- CRAIG CULP



SCALE TENDENCY REPORT

Company	: CONOCO INC.	Date	: 08/02/96
Address	: EUNICE, NM	Date Sampled	: 08/02/96
Lease	: MEYER A-1	Analysis No.	: 310
Well	: #19	Analyst	: TATE LAIR
Sample Pt.	: WELLHEAD		

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

S.I.	=	-0.1	at	60 deg. F	or	16 deg. C
S.I.	=	-0.0	at	80 deg. F	or	27 deg. C
S.I.	=	NR	at	100 deg. F	or	38 deg. C
S.I.	=	0.1	at	120 deg. F	or	49 deg. C
S.I.	=	0.2	at	140 deg. F	or	60 deg. C

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

S	=	4847	at	60 deg. F	or	16 deg C
S	=	5216	at	80 deg. F	or	27 deg C
S	=	5449	at	100 deg. F	or	38 deg C
S	=	5557	at	120 deg. F	or	49 deg C
S	=	5634	at	140 deg. F	or	60 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
TATE LAIR

PETROLITE

