

Information from G. Stratton, SCS Soil Scientist:

1. From the Percipitation Frequency Atlas of Western United States, there is a 2% chance of 2.2 inches of rainfall in a 25 year period.
2. Evaporation Rate is 5' per year.
3. Permeability Rate is 0.20 to 2.00 inches per hour.

3-16-98

Denny -

For your info - - -

Here's some info on the Aris #2 -

re: produced water submitted in 95.

The last time I was there the water situation was taken care of - (3-97) it looked okay to me - - - by now it may have gone to the dogs - - -

I did tell Mr Coalhurst that he may need a permit from the State.

Thanks for your help -

BTEX }  
Cations } submit  
Anions } request  
metals } to Roger

Pat

RECEIVED  
MAR 18 1998  
OIL CON. DIV.  
DIST. 3

**In Reply Refer to:**

3162.5-1 (017)

NM SF 081171K

Erin #2

*Jon 9th -97*

*encl  
1/6/97*

**CERTIFIED--RETURN RECEIPT REQUESTED**

Coulthurst Management Investment, Inc.  
1990 Marin Avenue  
Berkeley, CA 94707

Dear Sirs:

An inspection of the Erin #2 on October 11, 1996, by Patricia Hester of my staff, revealed that the following violations remain to be corrected.

*corrected field  
negotiated  
5/9/97  
pmh*

Uncorrected 1. Produced water is not being handled as per your approved Sundry Notice . An earthen pit has been constructed to hold the overflow from the fiberglass tank but nothing has been installed in the fiberglass tank to prevent oil from overflowing from the top of the tank. The fiberglass tank that is holding produced water is overflowing and spilling hydrocarbon into the dirt tank. This is not what was approved in your Sundry Notice.

*filed by 3/97*

Corrected 2. Pipes, pallets, unused equipment and other trash on the location needs to be removed.

Each item listed above is in violation of 43 CFR 3162.5-1 and a written order of the authorized officer. Failure to comply with a written order within the timeframe specified will be subject to monetary assessment pursuant to 43 CFR 3163.1 (a) for each uncorrected violation. Corrective action is to be completed within 45 calendar days of receipt of this letter. The receipt date will be considered the actual date of receipt or seven business days after the notice is mailed.

Continued noncompliance will lead to civil penalties described in 43 CFR 3163.2. Under provisions of 43 CFR 3165.3, you may request an administrative review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, PO Box 27115 Santa Fe, NM 87502-7115. Such request shall

July 21, 1995

Pat Hester  
Bureau of Land Management  
Rio Puerco Resource Area  
435 Montano Rd. N.E.  
Albuquerque, New Mexico 87107


Dear Pat:

To comply with USGS Onshore Order #7, I am submitting notice and attached information to support Coulthurst Management Investment Inc. proposal to dispose treated water into unlined well. I submit the following information:

1. Three copies of sundry notice.
2. Topographic map showing the location of the well. Erin #1
3. Site security diagram for Erin #2.
4. API Water Analysis from Western Company of North America
5. Information from G. Stratton, SCS Soil Scientist concerning rainfall, evaporation rate, permeability rate

If you should require any additional information, please contact me.

Yours Truly,



Zofia Sliwinski, Pumper

Coulthurst Management and Investment Inc.  
Box 849  
Cuba, New Mexico 87013  
(505) 289-3491

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

5. Lease Designation and Serial No.  
NMSFO-81171-K

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Coulthurst management & Investment Inc.

3. Address and Telephone No.

1990 Marin Ave. Berkeley, CA 94707

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

2310' FWL & 990' FNL  
Sec 33 T18N R3W

(510) 527-2659

8. Well Name and No.

ERIN #2

9. API Well No.

300432 086200-1

10. Field and Pool, or Exploratory Area

South San Luis

11. County or Parish, State

Sandoval, N.M.

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.)\*

deposit water from Separator into 2 unlined pits. 1st pit would measure 10'x10'x4' and be fenced with over flow into second pit measuring 10'x10'x4'. water will be used for livestock and wildlife

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

Signed John S. Smith Title Pumper

Date 7-19-95

(This space for Federal or State office use)

Approved by Patricia M. Laska Title Surface Protection

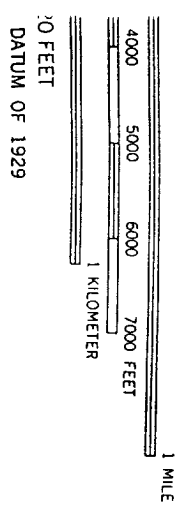
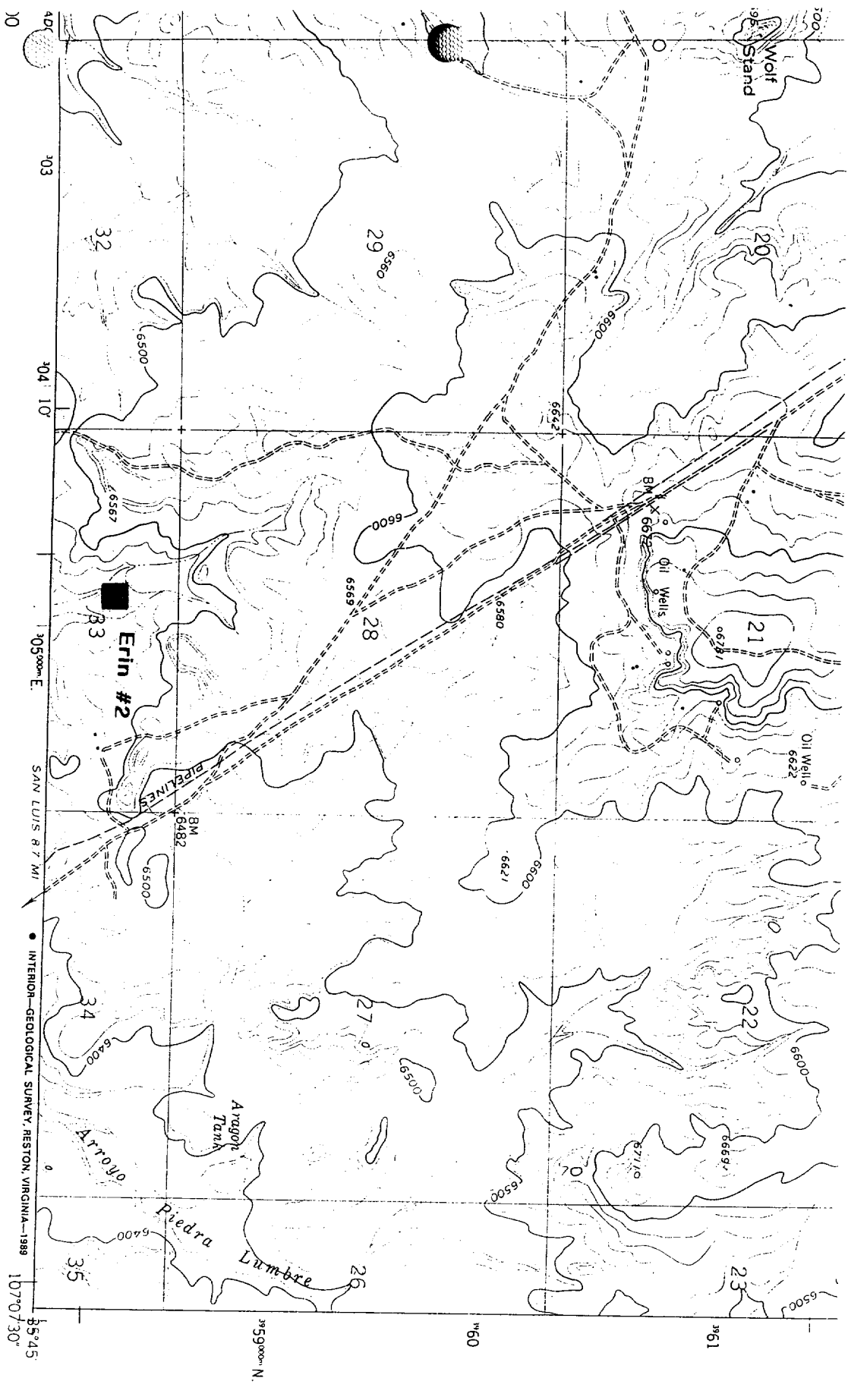
Date 8-10-95

Conditions of approval, if any: Cover 1st pit w/ screen

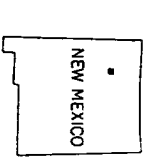
All water must remain within unlined pit - for beneficial use - cannot over flow into any drainage.

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



DATUM OF 1929

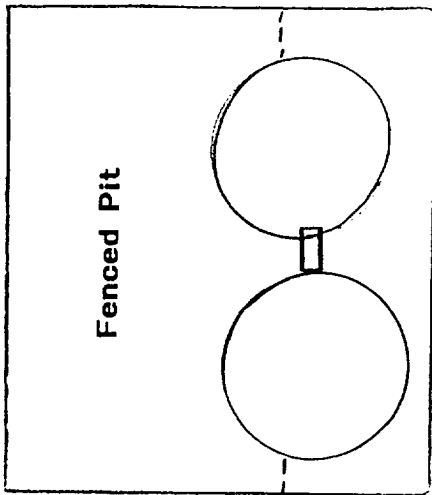


QUADRANGLE LOCATION

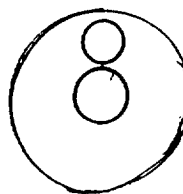
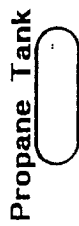
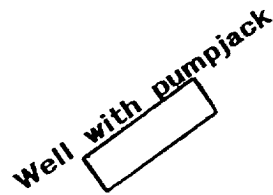
- ROAD CLASSIFICATION
- Primary highway, hard surface
  - Light-duty road, hard or improved surface
  - Secondary highway, hard surface
  - Unimproved road
  - Interstate Route
  - U. S. Route
  - State Route

AP ACCURACY STANDARDS  
ORADO 80225 OR RESTON, VIRGINIA 22092  
SYMBOLS IS AVAILABLE ON REQUEST

WOLF STAND, N. MEX.  
1961  
PHOTOREVISED 1989  
DMA 4555 1 SW-SERIES V881



Two Crude Tanks  
GI-4800 GI-4801



Proposed unlined pit  
10'x10'x4' and fenced  
and covered



Proposed unlined pit 10'x10'x4' for  
over flow of water



## THE WESTERN COMPANY OF NORTH AMERICA

## API WATER ANALYSIS

Company: COALTHURST  
 Field: *ERIN*  
 Well: AARON #2  
 Depth: 400  
 Formation: MENEFE  
 State: NM  
 County: SANDOVAL

W.C.N.A. Sample No.: S101195  
 Legal Description: 33/18N/3W  
 Lease or Unit:  
 Water.B/D:  
 Sampling Point:  
 Sampled By: *287-3491*  
 Date Sampled: 01/06/95

Type of Water(Produced,Supply, ect.): PROD.

## PROPERTIES

pH: 7.77  
 Specific Gravity: 1.000  
 Resistivity (ohm-meter): 5.00  
 Temperature: 74F

Iron, Fe(total): 0  
 Sulfide as H<sub>2</sub>S: 0  
 Total Hardness:  
 (see below)

## DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na:	828	: 36
Calcium, Ca:	:	:
Magnesium, Mg:	49	: 4
Barium, Ba:	N/A	: N/A
Potassium, K:	:	:

Sample(ml): 1.0 ml of EDTA:  
 Sample(ml): 1.0 ml of EDTA: .20

ANIONS	mg/l	me/l
Chloride, Cl:	:	:
Sulfate, SO <sub>4</sub> :	:	:
Carbonate, CO <sub>3</sub> :	:	:
Bicarbonate, HCO <sub>3</sub> :	2440	: 40

Sample(ml): 1.0 ml of AgNO<sub>3</sub>:  
 Sample(ml): 1.0 ml of H<sub>2</sub>SO<sub>4</sub>:  
 Sample(ml): 1.0 ml of H<sub>2</sub>SO<sub>4</sub>: .40

Total Dissolved  
 Solids (calculated): 3317  
 Total Hardness: 200

Sample(ml): 1.0 ml of EDTA: .20

REMARKS AND RECOMMENDATIONS:



Information from G. Stratton, SCS Soil Scientist:

1. From the Percipitation Frequency Atlas of Western United States, there is a 2% chance of 2.2 inches of rainfall in a 25 year period.
2. Evaporation Rate is 5' per year.
3. Permeability Rate is 0.20 to 2.00 inches per hour.