

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

COPY

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NM114757
2. Name of Operator OXY USA WTP LIMITED PARTNERSHIP		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 4294 HOUSTON, TX 77210	3b. Phone No (include area code) 575-628-4117	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T.R., M., or Survey Description) D-02-18S-25E		8. Well Name and No OXY TUMBLEWEED FEDERAL COM #1
		9. API Well No. 30-015-30716
		10. Field and Pool or Exploratory Area ATTOKA; UPPER PENN, WEST
		11. Country or Parish, State EDDY, NM

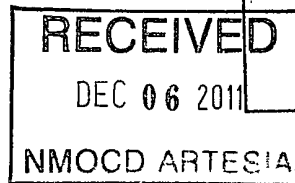
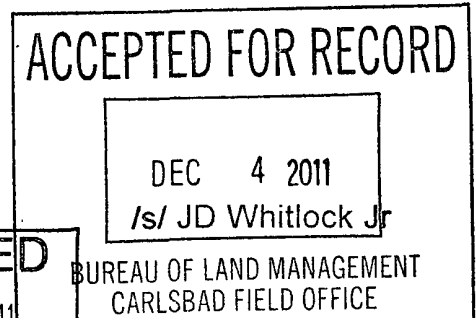
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

THE FORMATION PRODUCING WATER ON THIS LEASE IS ATOKA.
THE AMOUNT OF WATER PRODUCED IN BARRELS PER DAY IS 0.
ATTACHED YOU WILL FIND OUR MOST RECENT WATER ANALYSIS
WATER IS STORED IN A 300 BBL FIBERGLASS TANK.
WATER IS TRUCKED/HAULED TO A DISPOSAL FACILITY
THE DISPOSAL FACILITY WE USE IS:
EXXON STATE #8 SWD.
IT IS OWNED BY MESQUITE SWD INC.
IT IS A SALT WATER DISPOSAL.
IT IS LOCATED BY 1/4 1/4 SECTION 15 TOWNSHIP 21S RANGE 27E.
ATTACHED IS A COPY OF THEIR STATE ISSUED PERMIT.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



Accepted for record,
NMOCD 12/17/11

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) HOLLY A CAMPBELL		Title ADMINISTRATIVE ASSISITANT
Signature <i>Holly A Campbell</i>		Date 10/31/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.



Water Analysis Report

10/26/2011

COPY

Address:

Customer: OXY USA

Attention: Van Barton/Bubba Harrison

Lease: Tumbleweed Fed

Formation:

Salesman: Jeromie Pickering

CC:

Target Name: Tumbleweed Fed Com 1

Sample Point: Tumbleweed Fed Com 1

Sample Date: 10/19/2011

Test Date: 10/24/2011

Water Analysis(mg/L)

Calcium	14999
Magnesium	946.6
Barium	0.546
Strontium	654.2
Sodium(calc.)	23435
Bicarbonate Alkalinity	158.6
Sulfate	1176
Chloride	65000
Resistivity	0.0602

Appended Data(mg/L)

CO2	50
H2S	71.82
Iron	481.1
Oxygen	
Manganese	32.280

Physical Properties

Ionic Strength(calc.)	2.29
pH(calc.)	6.46
Temperature(°F)	90
Pressure(psia)	50
Density	8.95

Additional Data

Specific Gravity	1.07
Total Dissolved Solids(Mg/L)	106851
Total Hardness(CaCO3 Eq Mg/	41377

Dew Point	
Lead	
Zinc	

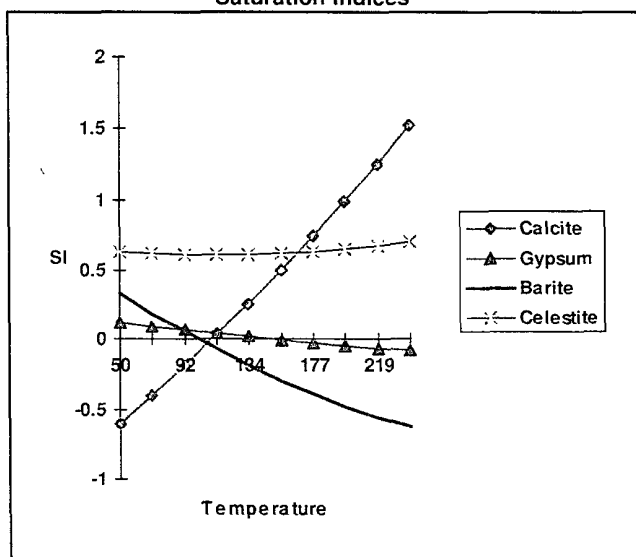
Calcite Calculation Information

Calculation Method	Value
CO2 in Brine(mg/L)	50

Remarks: Potassium=656.80

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.21	
Gypsum (Calcium Sulfate)	0.07	81.80
Hemihydrate (Calcium Sulfate)	0.04	46.00
Anhydrite (Calcium Sulfate)	0.01	14.40
Barite (Barium Sulfate)	0.07	0.10
Celestite (Strontium Sulfate)	0.61	268.70

Saturation Indices**Saturation Index Data Points**

	50	71	92	113	134	156	177	198	219	240
Calcite	-0.60	-0.40	-0.19	0.04	0.26	0.50	0.74	0.99	1.25	1.52
Gypsum	0.12	0.09	0.07	0.04	0.02	-0.01	-0.03	-0.05	-0.07	-0.08
Barite	0.34	0.19	0.06	-0.07	-0.19	-0.30	-0.39	-0.48	-0.56	-0.63
Celestite	0.63	0.62	0.61	0.61	0.61	0.62	0.63	0.65	0.67	0.70

Lab Tech.: *Manda Henry*



SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SWD-180

THE APPLICATION OF A. E. RAINS FOR
A SALT WATER DISPOSAL WELL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C), A. E. Rains made application to the New Mexico Oil Conservation Commission on December 13, 1976, for permission to complete for salt water disposal his Exxon State Well No. 8 located in Unit O of Section 15, Township 21 South, Range 27 East, NMPM, Lea County, New Mexico.

The Secretary-Director finds:

1. That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations;
2. That satisfactory information has been provided that all offset operators and surface owners have been duly notified;
3. That the applicant has presented satisfactory evidence that all requirements in Rule 701 (C) will be met.
4. That no objections have been received within the waiting period prescribed by said rule.

IT IS FURTHER ORDERED:

That the applicant herein, A. E. Rains, is hereby authorized to complete its Exxon State Well No. 8 located in Unit O of Section 15, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Yates formation at approximately 570 feet to approximately 600 feet through 2 3/8 inch plastic lined tubing set in a packer located at approximately 365 feet.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the operator shall notify the supervisor of the Commission's Artesia District Office before injection is commenced through said well.

That the operator shall immediately notify the supervisor of the Commission's Artesia Office of the failure of the tubing, casing, or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage.

**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**Disposal of Produced Water From Federal Wells
Conditions of Approval**

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency shall be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Order No. 7.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All above ground structures on the lease shall be painted Shale Green (5Y 4/2), or as per approved APD stipulations. This is to be done within 90 days, if you have not already done so.
6. Any on-lease open top storage tanks shall be covered with a protective cover to prevent entry by birds and other wildlife.
7. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
8. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.
9. Disposal at any other site will require prior approval.
10. Subject to like approval by NMOCD.

6/17/2011