

3/23/09 DATE IN	SUSPENSE	T. Warnell ENGINEER	3/23/09 LOGGED IN	WFX TYPE	PKAA0908236873 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



*Jalisco Field
 Yates Sand Unit
 23 AM 9 51
 Melrose
 184860*

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

*23 wells
 Leas Co.
 WFX-852*

- [1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____

- [2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply**
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

In Compliance

*Notice
 23rd
 15
 April 8th*

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Tony Beilman
 Print or Type Name

Anthony Beilman
 Signature

Operations Manager
 Title

3/18/09
 Date

trinityengineering@sbcglobal.net
 E-Mail Address

April 6, 2009

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

Attention: Mr. Terry Warnell

HAND DELIVERED

Dear Mr. Warnell:

Enclosed please find the publication notice for Melrose Operating Company's waterflood expansion application for the Jalmat Field Yates Sand Unit Waterflood Project. This application was filed with the OCD on March 23, 2009. If you need anything else, please call me at (505) 690-9453.

Sincerely,

A handwritten signature in black ink, appearing to read "David Catanach", with a long horizontal flourish extending to the right.

David Catanach
Regulatory Consultant

Affidavit of Publication

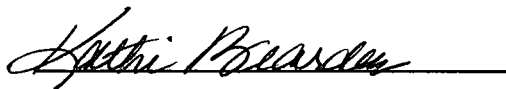
State of New Mexico,
County of Lea.

I, KATHI BEARDEN
PUBLISHER

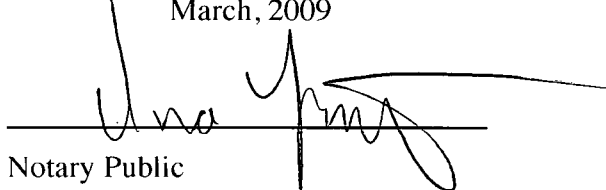
of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).

Beginning with the issue dated
March 22, 2009
and ending with the issue dated
March 22, 2009


PUBLISHER

Sworn and subscribed to before me
this 23rd day of
March, 2009


Notary Public

My commission expires
February 09, 2013
(Seal)



This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937 and payment of fees for said
publication has been made.

LEGAL
MARCH 22, 2009

Melrose Operating Company, 1000 W. Wilshire, Suite 223, Oklahoma City, Oklahoma 73116 has filed a Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division seeking administrative approval to convert the following-described wells to waterflood injection wells within the Jalmat Field Yates Sand Unit Waterflood Project, Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool, Lea County, New Mexico:

JFYSU Well No. 132 1980' FNL & 1983' FEL (Unit G) Section 13, T-22S, R-35E
Injection Interval: 3,748'-3,878' Tansill-Yates-Seven Rivers
JFYSU Well No. 134 1980' FNL & 660' FWL (Unit E) Section 13, T-22S, R-35E
Injection Interval: 3,773'-3,915' Tansill-Yates-Seven Rivers
JFYSU Well No. 136 1980' FNL & 1650' FEL (Unit G) Section 14, T-22S, R-35E
Injection Interval: 3,833'-3,951' Tansill-Yates-Seven Rivers
JFYSU Well No. 137 1980' FNL & 2360' FWL (Unit F) Section 14, T-22S, R-35E
Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 138 2030' FNL & 990' FWL (Unit E) Section 14, T-22S, R-35E
Injection Interval: 3,857'-4,048' Tansill-Yates-Seven Rivers
JFYSU Well No. 139 1980' FSL & 990' FWL (Unit L) Section 14, T-22S, R-35E
Injection Interval: 3,883'-4,040' Tansill-Yates-Seven Rivers
JFYSU Well No. 140 1980' FSL & 2361' FWL (Unit K) Section 14, T-22S, R-35E
Injection Interval: 3,866'-4,036' Tansill-Yates-Seven Rivers
JFYSU Well No. 142 1980' FSL & 600' FEL (Unit I) Section 14, T-22S, R-35E
Injection Interval: 3,818'-3,992' Tansill-Yates-Seven Rivers
JFYSU Well No. 143 660' FSL & 575' FEL (Unit P) Section 14, T-22S, R-35E
Injection Interval: 3,814'-4,044' Tansill-Yates-Seven Rivers
JFYSU Well No. 144 660' FSL & 1650' FEL (Unit O) Section 14, T-22S, R-35E
Injection Interval: 3,852'-3,960' Tansill-Yates-Seven Rivers
JFYSU Well No. 146 660' FNL & 1700' FEL (Unit B) Section 23, T-22S, R-35E
Injection Interval: 3,828'-4,018' Tansill-Yates-Seven Rivers
JFYSU Well No. 147 660' FNL & 660' FEL (Unit A) Section 23, T-22S, R-35E
Injection Interval: 3,816'-3,928' Tansill-Yates-Seven Rivers
JFYSU Well No. 148 1940' FNL & 362' FEL (Unit H) Section 23, T-22S, R-35E
Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 159 2026' FNL & 1860' FWL (Unit F) Section 13, T-22S, R-35E
Injection Interval: 3,768'-3,952' Tansill-Yates-Seven Rivers
JFYSU Well No. 182 790' FNL & 521' FEL (Unit A) Section 14, T-22S, R-35E
Injection Interval: 3,804'-3,962' Tansill-Yates-Seven Rivers
JFYSU Well No. 187 700' FNL & 640' FEL (Unit A) Section 13, T-22S, R-35E
Injection Interval: 3,610'-3,700' Tansill-Yates-Seven Rivers
JFYSU Well No. 207 660' FSL & 990' FWL (Unit M) Section 14, T-22S, R-35E
Injection Interval: 3,964'-4,074' Tansill-Yates-Seven Rivers
JFYSU Well No. 209 660' FNL & 2310' FWL (Unit C) Section 23, T-22S, R-35E
Injection Interval: 3,898'-4,040' Tansill-Yates-Seven Rivers
JFYSU Well No. 212 660' FNL & 990' FWL (Unit D) Section 23, T-22S, R-35E
Injection Interval: 3,962'-4,028' Tansill-Yates-Seven Rivers
JFYSU Well No. 239 2000' FNL & 665' FEL (Unit H) Section 13, T-22S, R-35E
Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 245 1940' FNL & 1650' FEL (Unit G) Section 23, T-22S, R-35E
Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 246 2022' FNL & 2310' FWL (Unit F) Section 23, T-22S, R-35E
Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 247 1950' FSL & 1711' FEL (Unit J) Section 14, T-22S, R-35E
Injection Interval: 3,815'-4,040' Tansill-Yates-Seven Rivers

Produced water from the Jalmat Oil & Gas Pool and source water from the Santa Rosa formation will be injected into the wells at average and maximum rates of 500 and 1,500 barrels of water per day, respectively. The average and maximum surface injection pressure for each well is anticipated to be 1,132 psi and 2,000 psi, respectively.

Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 S. St Francis Drive, Santa Fe, New Mexico 87505, within 15 days of the date of this publication.

Additional information can be obtained by contacting Mr. Tony Beilman, Operations Manager, Melrose Operating Company, at (469) 721-2046.
#24813

02108664

00027855

DAVID CATANACH
REGULATORY CONSULTANT
1142 VUELTA DE LAS ACEQUIAS
SANTA FE, NM 87507

March 19, 2009

Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attention: Mr. Mark E. Fesmire, Director

HAND DELIVERED

Re: Form C-108
Melrose Operating Company
Jalmat Field Yates Sand Unit Wells No. 132, 134, 136, 137, 138, 139, 140, 142,
143, 144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247
Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool
Lea County, New Mexico

Dear Mr. Fesmire,

Enclosed please find a Division Form C-108 (Application for Authorization to Inject) to expand the Jalmat Field Yates Sand Unit Waterflood Project. Division Order No. R-2243 dated May 28, 1962 approved secondary recovery operations within the Jalmat Field Yates Sand Unit Area ("Unit Area"). The Unit Area was established by Division Order No. R-2235 dated May 3, 1962. Division Orders No. WFX-633 dated May 27, 1992, WFX-798 dated April 5, 2004, WFX-809 dated January 14, 2005, WFX-821 dated September 27, 2006, WFX-841 dated October 18, 2008, WFX-843 dated November 18, 2008 and WFX-850 dated January 27, 2009 have permitted additional injection wells within the Unit Area. Melrose Operating Company proposes to convert the Jalmat Field Yates Sand Unit Wells No. 132, 134, 136, 137, 138, 139, 140, 142, 143, 144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247 to injection in order to complete an efficient production/injection pattern within the Unit Area. These wells are located in Sections 13, 14 and 23, Township 22 South, Range 35 East, NMPM, Lea County, New Mexico.

All the required information is enclosed. If additional information is needed, please contact me at (469) 721-2046.

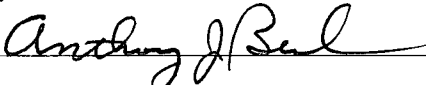
Sincerely,



Mr. Tony Beilman, Operations Manager
Melrose Operating Company
1000 W. Wilshire, Suite 223
Oklahoma City, Oklahoma 73116

Xc: OCD-Hobbs

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: Melrose Operating Company
ADDRESS: 1000 W. Wilshire, Suite 223, Oklahoma City, Oklahoma 73116
CONTACT PARTY: Mr. Tony Beilman PHONE: (469) 721-2046
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☒ Yes ☐ No
If yes, give the Division order number authorizing the project: R-2243 (Also see WFX-633, 798, 809, 821, 841, 843 and 850)
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Tony Beilman TITLE: Operations Manager
SIGNATURE:  DATE: 3/18/09
E-MAIL ADDRESS: trinityengineering@sbcglobal.net
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: PA well schematic diagrams for some AOR wells were previously submitted with WFX applications dated 9/23/2008 (WFX-841), 10/18/2008 (WFX-843) & 12/31/2008 (WFX-850)
- DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

Sold 5Mx
1999

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

C-108 Application
Melrose Operating Company
Jalmat Field Yates Sand Unit ("JFYSU") Wells No. 132, 134, 136, 137, 138, 139, 140,
142, 143, 144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247
Sections 13, 14 and 23, T-22S, R-35E, NMPM
Lea County, New Mexico

- I. The purpose of the application is to request approval to convert twenty-three (23) wells to injection within the Jalmat Field Yates Sand Unit Waterflood Project in order to complete an efficient injection/production pattern.
- II. Melrose Operating Company
1000 W. Wilshire
Suite 223
Oklahoma City, Oklahoma 73116
Contact Party: Mr. Tony Beilman, Operations Manager (469) 721-2046
- III. Injection well data sheets and wellbore diagrams for each injection well are attached showing the proposed wellbore configurations. **Please note that all wells are existing with the exception of the JFYSU Wells No. 245 and 246. These wells will be drilled in the near future** To be drilled
- IV. This is an expansion of the Jalmat Field Yates Sand Unit Waterflood Project. This project was initially approved by Division Order No. R-2243 dated May 28, 1962. The Jalmat Field Yates Sand Unit Area ("Unit Area") was approved by Division Order No. R-2235 dated May 3, 1962. Division Orders No. WFX-633 (5/27/1992), WFX-798 (4/5/2004), WFX-809 (1/14/2005), WFX-821 (9/27/2006), WFX-841 (10/18/2008), WFX-843 (11/18/2008) and WFX-850 (1/27/2009) have permitted additional injection wells within the Unit Area.
- V. Enclosed is a map that identifies all wells/leases within a 2-mile radius of the proposed injection wells. Also included on this map is the ½ mile area of review.
- VI. Area of review ("AOR") well data is attached. Well construction data is included for all existing wells within the AOR. Also included are wellbore diagrams for each PA'd well within the AOR, and proposed well construction details for wells that are currently being drilled or are to be drilled within the AOR. An examination of this data indicates that all AOR wells are ? adequately cased, cemented and/or plugged and abandoned in order to preclude the movement of fluid from the injection zone into other formations or fresh water aquifers. **Please note that certain PA well schematic diagrams that were previously submitted with WFX applications dated — 9/23/2008, 10/18/2008 and 12/31/2008 (WFX-841, 843 and 850) are not included in this application. (Note: In calculating cement tops, a**

standard yield of 1.32 cu. ft./sack was utilized in addition to a fill factor of 70%).

(Note: A discussion of the Cone Jalmat Yates Pool Unit Well No. 9 (API No. 30-025-08609) located 660' FSL & 1980' FWL (Unit N) of Section 13, T-22S, R-35E, which is a plugged and abandoned area of review well that warrants further description is included for your review).

*

- VII.
1. The average injection rate is anticipated to be approximately 500 BWPD/Well. The maximum rate will be approximately 1500 BWPD/Well. If the average or maximum rates increase in the future, the Division will be notified.
 2. This will be a closed system.
 3. Melrose Operating Company will initially inject water into the proposed injection wells at a surface pressure that is in compliance with the Division's limit of 0.2 psi/ft. Subsequent to obtaining approval for injection, step rate injection tests will be conducted on each of the wells in order to obtain a higher surface injection pressure. It is anticipated that as a result of the step rate tests, the average injection pressure will be approximately 1,132 psi.
 4. Produced water from the Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool originating from wells within the Unit Area will be re-injected into the subject injection wells. A formation water analysis obtained from a Melrose Operating Company producing well within the Unit Area is enclosed. This formation water analysis shows total dissolved solids to be 80,968 mg/L.
 5. Injection is to occur into a formation that is oil productive.
- VIII. Geologic data was presented in Case No. 2546. This case, and resulting Order No. R-2243 initially authorized the Jalmat Field Yates Sand Unit Waterflood Project. The primary injection interval is the Yates-Seven Rivers formation which is Upper Guadalupian in age. Impermeable dolomite beds in between various sand members characterize this interval. The Ogallala aquifer is present in this area, and fresh water can be found at depths from surface to 200'.
- IX. No stimulation is planned.
- X. Logs were filed at the time of drilling, or will be filed at the conclusion of drilling operations.

- XI. According to data obtained from the New Mexico Office of the State Engineer (enclosed), there is one fresh water well located in the NE/4 NE/4 of Section 14, T-22 South, R-35 East, and is reportedly 215' feet deep, with water present at a depth of 185'. A water analysis from this well is also enclosed for your review.
- XII. Affirmative statement is enclosed.
- XIII. Proof of Notice is enclosed.

*Fresh
water
well*

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 132

WELL LOCATION: 1980' FNL & 1983' FEL
FOOTAGE LOCATION

UNIT LETTER G SECTION 13 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8 5/8" @ 1,730'

Cemented with: 1200 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 3,654'

Cemented with: 300 Sx. or ft³

Top of Cement: 2,055' Method Determined: Calculated

Production Liner

Hole Size: 4 3/4" Hole 3,790' - 3,880' Casing Size: 4 1/2" 3,565' - 3,880'

Cemented with: 20 Sx. or ft³

(Note: Cemented 4 1/2" liner w/ 20 Sx. Did not circulate. Squeezed top of liner w/ 650 Sx.)

Top of Cement: Liner Top Method Determined: Squeezed

Total Depth: 3,880'

Injection Interval

Perforated Interval - 3,748' - 3,878'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,648' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in February, 1955.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

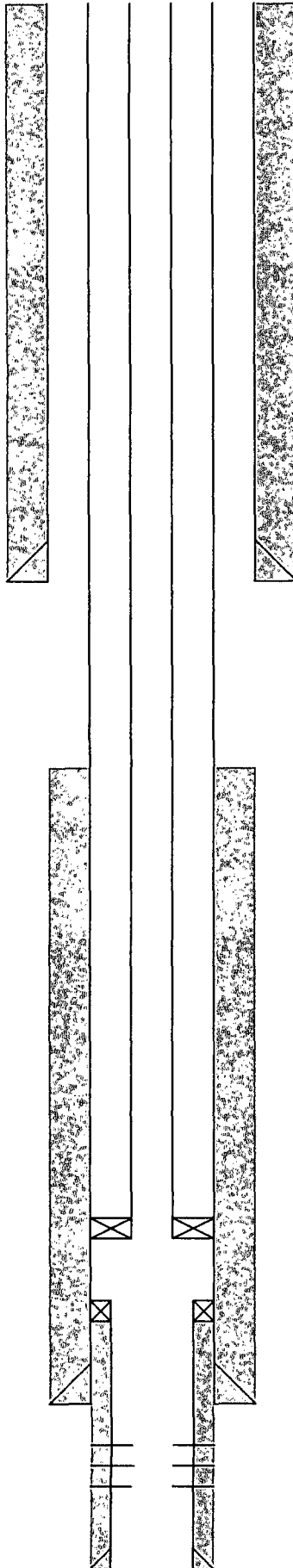
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 13, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 132
API No. 30-025-08611
1980' FNL & 1983' FEL (Unit G)
Section 13, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: February, 1955



11" Hole; Set 8 5/8" Csg. @ 1,730'
Cemented w/ 1200 Sx. Class C. Cement
circulated to surface.

Calculated TOC @ 2,055'

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,500'

7 7/8" Hole; Set 5 1/2" Csg. @ 3,654'
Cemented w/ 300 Sx. Class C.
Calculated TOC @ 2,055'

4 1/2" Liner set from 3,565'-3,880'.
Liner cemented w/ 20 Sx. Did not
circulate. Liner top squeezed w/ 650 sx.

Injection Interval: 3,748'-3,878'

T.D. - 3,880'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 134

WELL LOCATION: 1980' FNL & 660' FWL
FOOTAGE LOCATION

UNIT LETTER E SECTION 13 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8 5/8" @ 1,792'
Cemented with: 800 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 3,899'
Cemented with: 400 Sx. or ft³

Top of Cement: 1,764' Method Determined: Calculated

Production Liner

Hole Size: Casing Size: 4" 3,750'-3,915'

(Note: 4" Liner slotted in the interval from 3,770'-3,915')

Cemented with: N/A or ft³

Top of Cement: Method Determined:

Total Depth: 3,915'

Injection Interval

Perforated & Open-hole Interval - 3,773'-3,915'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,673' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in May, 1956.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

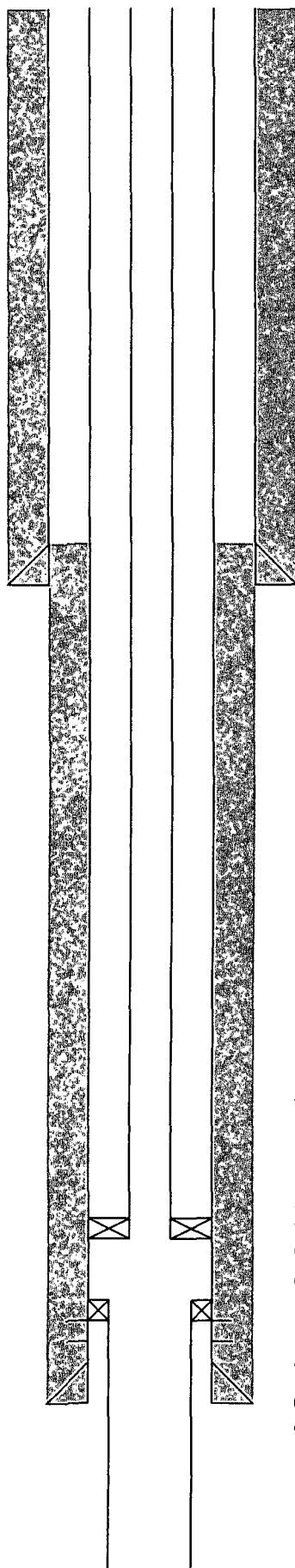
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 13, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 134
API No. 30-025-08613
1980' FNL & 660' FWL (Unit E)
Section 13, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: May, 1956



Calculated TOC @ 1,764'

11" Hole; Set 8 5/8" Csg. @ 1,792'
Cemented w/ 800 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,673'

Injection Interval: 3,773'-3,915'
(Casing Perforations: 3,773'-3,875' &
Open-hole interval 3,899'-3,915')

7 7/8" Hole; Set 5 1/2" Csg. @ 3,899'
Cemented w/ 400 Sx. Class C. Calculated
TOC @ 1,764'

4" Liner set from 3,750'-3,915'.
Liner slotted in the interval from
3,770'-3,915'

T.D. - 3,915'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 136

WELL LOCATION: 1980' FNL & 1650' FEL
FOOTAGE LOCATION

UNIT LETTER G SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 335'

Cemented with: 200 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2" @ 4,004'

Cemented with: 374 Sx. or ft³

Top of Cement: 1,580' Method Determined: T. S.

Total Depth: 4,005'

Injection Interval

Perforated Interval - 3,833'-3,951'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,733' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in December, 1956.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 136
API No. 30-025-08622
1980' FNL & 1650' FEL (Unit G)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: December, 1956

**12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @
335' Cemented w/ 200 Sx. Class C. Cement
circulated to surface.**

TOC @ 1,580' by T.S.

**2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,733'**

Injection Perforations: 3,833'-3,951'

**7 7/8" Hole; Set 4 1/2" 11.6# J-55 Csg. @ 4,004'
Cemented w/374 Sx. Class C. TOC @ 1,580'
by T.S.**

T.D. - 4,005'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 137

WELL LOCATION: 1980' FNL & 2360' FWL
FOOTAGE LOCATION

UNIT LETTER F SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA (PROPOSED)

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 418'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,171'

Cemented with: 700 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,171'

Injection Interval

Not Yet Completed

Perforated Interval - 3,700' - 4,200' (ESTIMATED)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,600' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may be produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 137
API No. 30-025-38935
1980' FNL & 2360' FWL (Unit F)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: December, 2008

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 418'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

Well has been drilled but has not yet
been completed. Completion data
will be forwarded to NMOCD when
well is completed.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,600'

Injection Perforations: 3,700'-4,200' (Estimated)

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,171'
Cemented w/ 700 Sx. Class C. Cement
circulated to surface.

T.D. - 4,171'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 138

WELL LOCATION: 2030' FNL & 990' FWL
FOOTAGE LOCATION

E 14 22 South 35 East
UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11" Casing Size: 8 5/8" @ 428'
Cemented with: 325 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,075'

Cemented with: 1075 Sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Total Depth: 4,075'

Injection Interval

Perforated Interval - 3,857' - 4,048'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,757' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in March, 1958.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

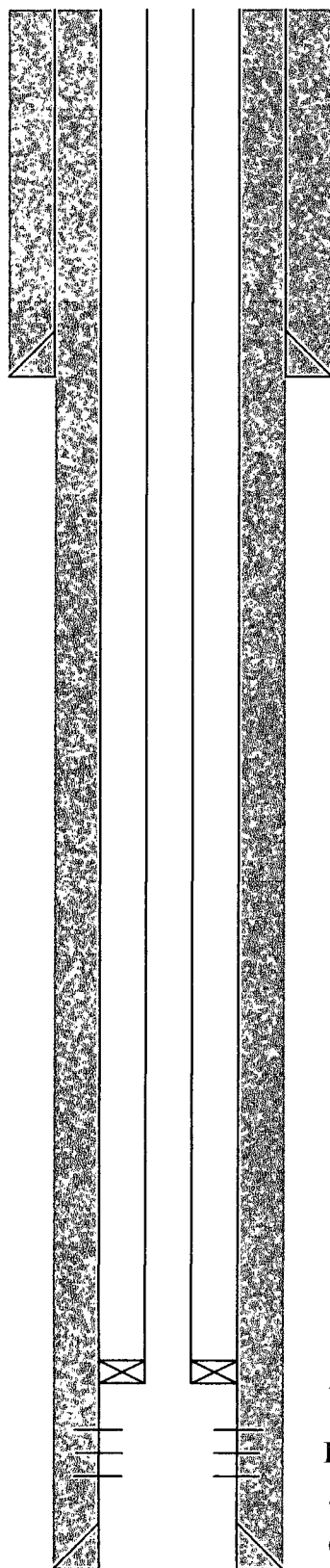
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 138
API No. 30-025-08627
2030' FNL & 990' FWL (Unit E)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: March, 1958



11" Hole; Set 8 5/8" 24# J-55 Csg. @ 428'
Cemented w/ 325 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,757'

Injection Perforations: 3,857'-4,048'

7 7/8" Hole; Set 5 1/2" 14# J-55 Csg. @ 4,075'
Cemented w/ 1075 Sx. Class C. Cement
circulated to surface.

T.D. - 4,075'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 139

WELL LOCATION: 1980' FSL & 990' FWL
FOOTAGE LOCATION

UNIT LETTER L SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 433'
Cemented with: 300 Sx. or ft³
Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:
Cemented with: or ft³
Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,049'
Cemented with: 1150 Sx. or ft³
Top of Cement: 470' Method Determined: T. S.
Total Depth: 4,050'

Injection Interval

Perforated Interval - 3,883' - 4,040'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,783' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in June, 1958. Well was converted to injection in 1962 pursuant to Division Order No. R-2243. Well was TA'd in April, 2000 by setting a CIBP @ 3,800'. Well was re-tested in October, 2005 and TA status expires in October, 2010.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 139
API No. 30-025-08629
1980' FSL & 990' FWL (Unit L)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: June, 1958

**12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @
433' Cemented w/ 300 Sx. Class C. Cement
circulated to surface.**

TOC @ 470' by T.S.

**Well was converted to injection in 1962
pursuant to Order No. R-2243. Well was
TA'd in April, 2000 by setting a CIBP @
3,800'. Well was re-tested in October, 2005
and TA status expires in October, 2010.
CIBP will be drilled out and well placed on
active injection status.**

**2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,783'**

Injection Perforations: 3,883'-4,040'

**7 7/8" Hole; Set 5 1/2" 14# J-55 Csg. @ 4,049'
Cemented w/ 1150 Sx. Class C. TOC @ 470'
by T.S.**

T.D. - 4,050'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 140

WELL LOCATION: 1980' FSL & 2361' FWL
FOOTAGE LOCATION

UNIT LETTER K SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 417'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,175'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,181'

Injection Interval

Perforated Interval - 3,866' - 4,036'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

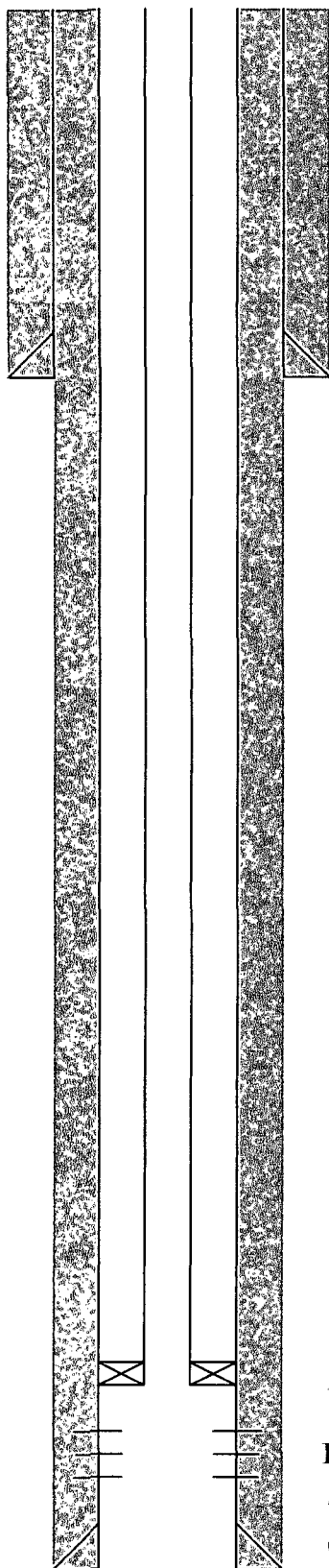
Packer Setting Depth: 3,766' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No
If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.
2. Name of the Injection Formation: Tansill-Yates-Seven Rivers
3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
None
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.



T.D. - 4,181'

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 140
API No. 30-025-38936
1980' FSL & 2361' FWL (Unit K)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: November, 2008

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 417'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,766'

Injection Perforations: 3,866'-4,036'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,175'
Cemented w/750 Sx. Class C. Cement
circulated to surface.

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 142

WELL LOCATION: 1980' FSL & 600' FEL
FOOTAGE LOCATION

UNIT LETTER I SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 423'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,175'

Cemented with: 800 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,185'

Injection Interval

Perforated Interval - 3,818' - 3,992'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,718' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

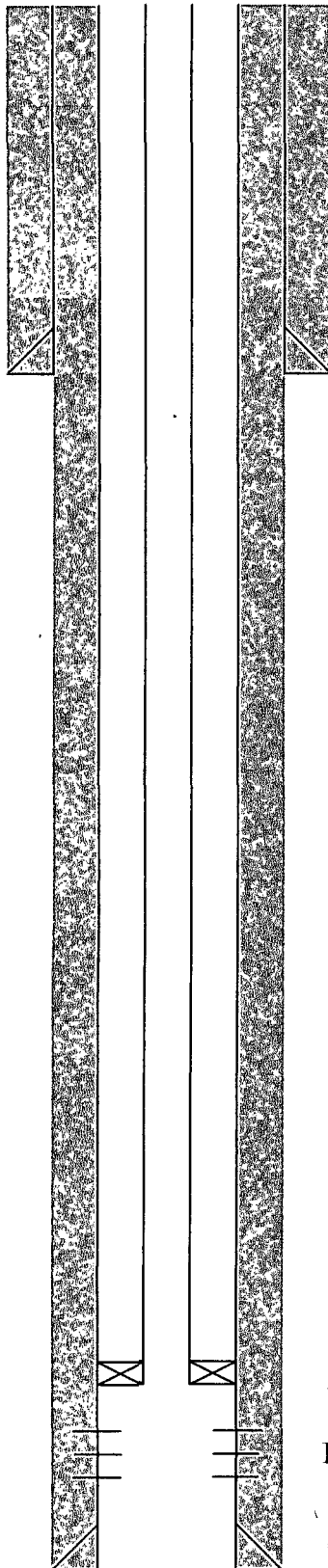
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 142
API No. 30-025-38937
1980' FSL & 600' FEL (Unit I)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: October, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 423'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,718'

Injection Perforations: 3,818'-3,992'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,175'
Cemented w/800 Sx. Class C. Cement
circulated to surface.

T.D. - 4,185'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 143

WELL LOCATION: 660' FSL & 575' FEL
FOOTAGE LOCATION

P 14 SECTION 22 South TOWNSHIP 35 East RANGE
UNIT LETTER

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 414'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,175'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,186'

Injection Interval

Perforated Interval - 3,814' - 4,044'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,714' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

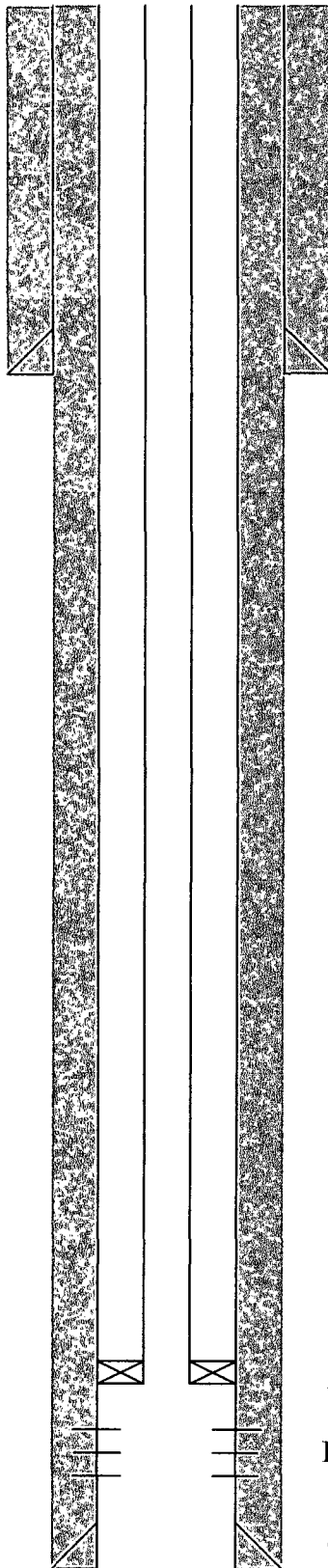
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 143
API No. 30-025-38938
660' FSL & 575' FEL (Unit P)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: October, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 414'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,714'

Injection Perforations: 3,814'-4,044'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,175'
Cemented w/ 750 Sx. Class C. Cement
circulated to surface.

T.D. - 4,186'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 144

WELL LOCATION: 660' FSL & 1650' FEL
FOOTAGE LOCATION

UNIT LETTER O SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 320'

Cemented with: 275 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2" @ 4,024'

Cemented with: 397 Sx. or ft³

Top of Cement: 1,790' Method Determined: T.S.

Total Depth: 4,025'

Injection Interval

Perforated Interval - 3,852' - 3,960'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,752' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in January, 1957.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 144
API No. 30-025-08620
660' FSL & 1650' FEL (Unit O)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: January, 1957

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 320'
Cemented w/ 275 Sx. Class C. Cement
circulated to surface.

TOC @ 1,790' by T.S.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,752'

Injection Perforations: 3,852'-3,960'

7 7/8" Hole; Set 4 1/2" 11.6# J-55 Csg. @ 4,024'
Cemented w/397 Sx. Class C. TOC @ 1,790'
by T.S.

T.D. - 4,025'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 146

WELL LOCATION: 660' FNL & 1700' FEL
FOOTAGE LOCATION

B UNIT LETTER 23 SECTION 22 South TOWNSHIP 35 East RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 417'
Cemented with: 375 Sx. or ft³
Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:
Cemented with: or ft³
Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,159'
Cemented with: 700 Sx. or ft³
Top of Cement: Surface Method Determined: Circulated
Total Depth: 4,160'

Injection Interval

Perforated Interval -- 3,828' - 4,018'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,728' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may be produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

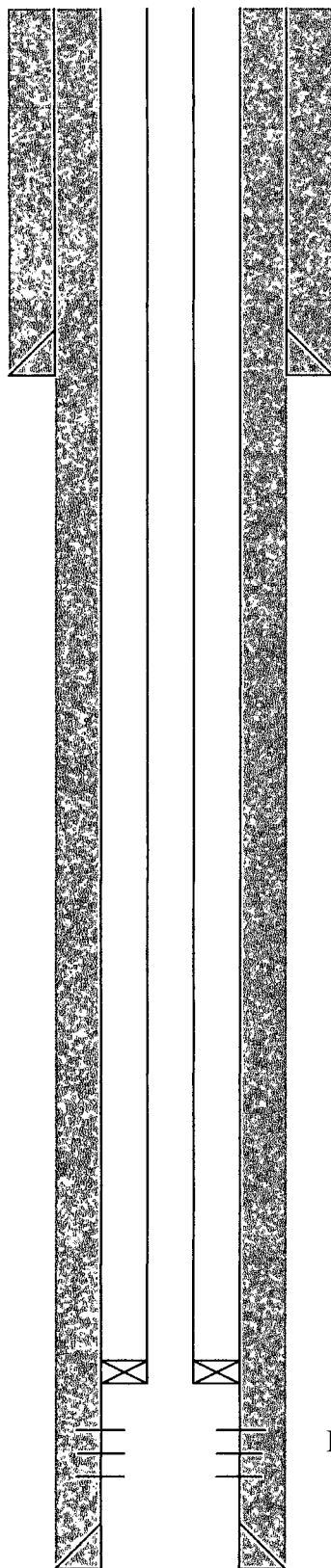
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 146
API No. 30-025-38939
660' FNL & 1700' FEL (Unit B)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: December, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 417'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,728'

Injection Perforations: 3,828'-4,018'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,159'
Cemented w/ 700 Sx. Class C. Cement
circulated to surface.

T.D. - 4,160'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 147

WELL LOCATION: 660' FNL & 660' FEL
FOOTAGE LOCATION

UNIT LETTER SECTION TOWNSHIP RANGE
A 23 22 South 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 15" Casing Size: 13 3/8" @ 287'

Cemented with: 365 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 9 5/8" @ 3,736'

Cemented with: 1500 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 8 3/4" Casing Size: 5 1/2" @ 4,080'

Cemented with: 125 Sx. or ft³

Top of Cement: 3,510' Method Determined: T.S.

Total Depth: 8,160' PBTD: 4,078'

Injection Interval

Perforated Interval - 3,816' - 3,928'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,716' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in October, 1952.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 147
API No. 30-025-08637
660' FNL & 660' FEL (Unit A)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: October, 1952

15" Hole; Set 13 3/8" 48# Csg. @ 287'
Cemented w/ 365 Sx. Class C. Cement
circulated to surface.

Well was drilled in October, 1952, and was
subsequently plugged and abandoned in
1953. Well was re-entered in April, 1956
and completed as a producing well.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,716'

12 1/4" Hole; Set 9 5/8" 36# Csg. @ 3,736'
Cemented w/ 1500 Sx. Class C. Cement
circulated to surface.

Injection Perforations: 3,816'-3,928'

8 3/4" Hole; Set 5 1/2" 14.5# J-55 Csg. @ 4,080'
Cemented w/125 Sx. Class C. TOC @ 3,510'
by T.S.

Set 165 Sx. Cmt. Plug 4,078'-4,600'

Hole filled w/ 9.2# Drilling Mud

T.D. 8,160'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 148

WELL LOCATION: 1940' FNL & 362' FEL
FOOTAGE LOCATION

H 23 SECTION 22 South 35 East
UNIT LETTER TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA (PROPOSED)

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 413'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cement with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,150'

Cemented with: 700 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,155'

Injection Interval

Not Yet Completed

Perforated Interval - 3,700' - 4,200' (ESTIMATED)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,600' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may be produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 148
API No. 30-025-38940
1940' FNL & 362' FEL (Unit H)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: December, 2008

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 413'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

Well has been drilled but has not yet
been completed. Completion data will
be forwarded to NMOCD when the well
is completed

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,600'

Injection Perforations: 3,700'-4,200' (Estimated)

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,150'
Cemented w/ 700 Sx. Class C. Cement
circulated to surface.

T.D. - 4,155'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 159

WELL LOCATION: 2026' FNL & 1860' FWL
FOOTAGE LOCATION

UNIT LETTER F SECTION 13 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 380'

Cemented with: 350 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,156'

Cemented with: 750 Sx. or ft³

Top of Cement: 580' Method Determined: Well File

Total Depth: 4,160'

Injection Interval

Perforated Interval - 3,768' - 3,952'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,668' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

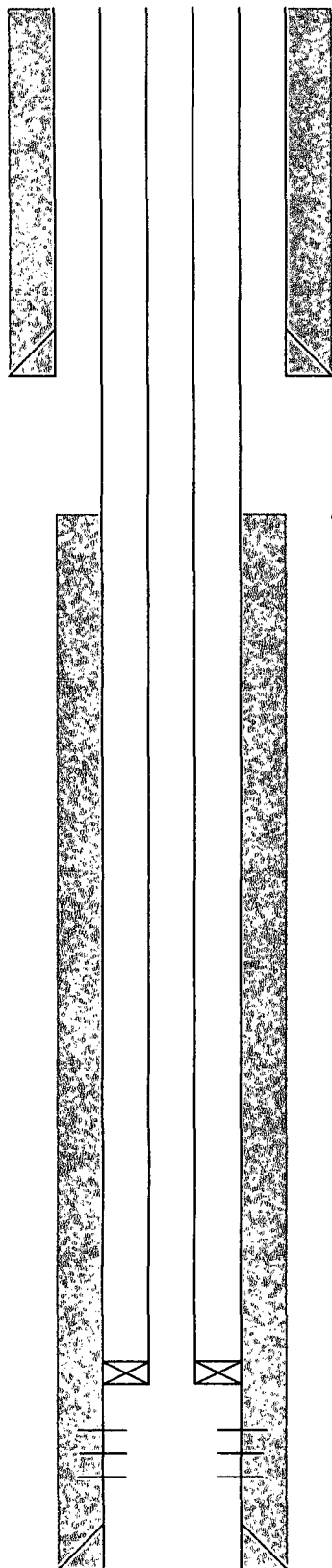
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 13, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 159
API No. 30-025-38868
2026' FNL & 1860' FWL (Unit F)
Section 13, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: June, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 380'
Cemented w/ 350 Sx. Class C. Cement
circulated to surface.

TOC @ 580'

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,668'

Injection Perforations: 3,768'-3,952'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,156'
Cemented w/ 750 Sx. Class C. TOC reported
by operator @ 580'

T.D. - 4,160'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 182

WELL LOCATION: 790' FNL & 521' FEL
FOOTAGE LOCATION

A

UNIT LETTER	SECTION	TOWNSHIP	RANGE
	14	22 South	35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 447'
Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,150'

Cemented with: 800 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,150'

Injection Interval

Perforated Interval - 3,804' - 3,962'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,704' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 182
API No. 30-025-38871
790' FNL & 521' FEL (Unit A)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: April, 2008

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 447'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,704'

Injection Perforations: 3,804'-3,962'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,150'
Cemented w/ 800 Sx. Class C. Cement
circulated to surface.

T.D. - 4,150'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 187

WELL LOCATION: 700' FNL & 640' FEL
FOOTAGE LOCATION

UNIT LETTER A SECTION 13 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 394'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 3,999'

Cemented with: 650 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,000'

Injection Interval

Perforated Interval - 3,610' - 3,700'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,510' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 13, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 187
API No. 30-025-38873
700' FNL & 640' FEL (Unit A)
Section 13, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: June, 2008

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 394'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,510'

Injection Perforations: 3,610'-3,700'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 3,999'
Cemented w/ 650 Sx. Class C. Cement
circulated to surface.

T.D. - 4,000'

2 1/4" ?

INJECTION WELL DATA SHEET

OPERATOR: _____ Melrose Operating Company

WELL NAME & NUMBER: _____ Jalmat Field Yates Sand Unit No. 207

WELL LOCATION: _____ 660' FSL & 990' FWL
FOOTAGE LOCATION

UNIT LETTER _____ M _____ 14 _____ 22 South _____ 35 East
SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: _____ 12 1/4" _____ Casing Size: _____ 8 5/8" @ 420'
Cemented with: _____ 325 Sx. _____ or _____ ft³
Top of Cement: _____ Surface _____ Method Determined: Circulated

Intermediate Casing

Hole Size: _____ Casing Size: _____
Cemented with: _____ or _____ ft³
Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: _____ 7 7/8" _____ Casing Size: _____ 5 1/2" @ 4,161'
Cemented with: _____ 610 Sx. _____ or _____ ft³
Top of Cement: _____ Surface _____ Method Determined: Circulated

Total Depth: _____ 4,170'

Injection Interval

Perforated Interval - 3,964' - 4,074'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,864' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in May, 2005.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 207
API No. 30-025-36972
660' FSL & 990' FWL (Unit M)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

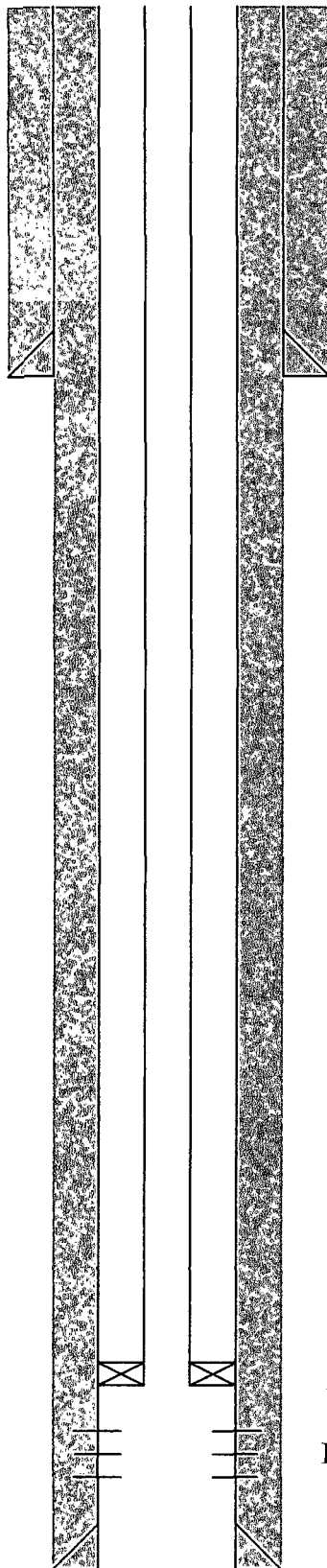
Date Drilled: May, 2005

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 420'
Cemented w/ 325 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,864'

Injection Perforations: 3,964'-4,074'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,161'
Cemented w/ 610 Sx. Class C. Cement
circulated to surface.



T.D. - 4,170'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 209

WELL LOCATION: 660' FNL & 2310' FWL
FOOTAGE LOCATION

C
UNIT LETTER SECTION TOWNSHIP RANGE
23 22 South 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 400'
Cemented with: 330 Sx. or ft³
Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:
Cemented with: or ft³
Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,150'
Cemented with: 840 Sx. or ft³
Top of Cement: Surface Method Determined: Circulated
Total Depth: 4,160'

Injection Interval

Perforated Interval - 3,898' - 4,040'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,798' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in March, 2005.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

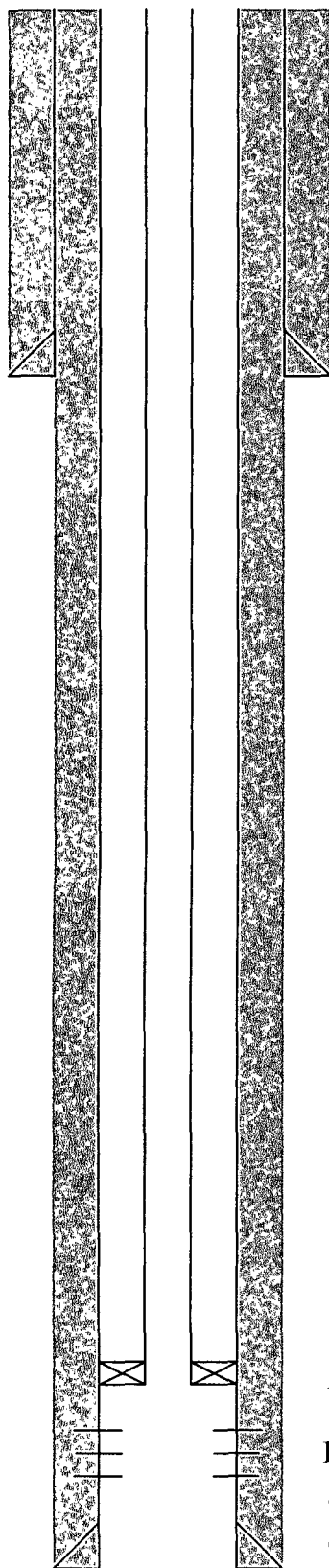
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 209
API No. 30-025-36974
660' FNL & 2310' FWL (Unit C)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: March, 2005



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 400'
Cemented w/ 330 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,798'

Injection Perforations: 3,898'-4,040'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,150'
Cemented w/ 840 Sx. Class C. Cement
circulated to surface.

T.D. - 4,160'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 212

WELL LOCATION: 660' FNL & 990' FWL
FOOTAGE LOCATION

UNIT LETTER D SECTION 23 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 415'

Cemented with: 325 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,132'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,132'

Injection Interval

Perforated Interval - 3,962' - 4,028'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,862' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled as a producing well in August, 2005.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

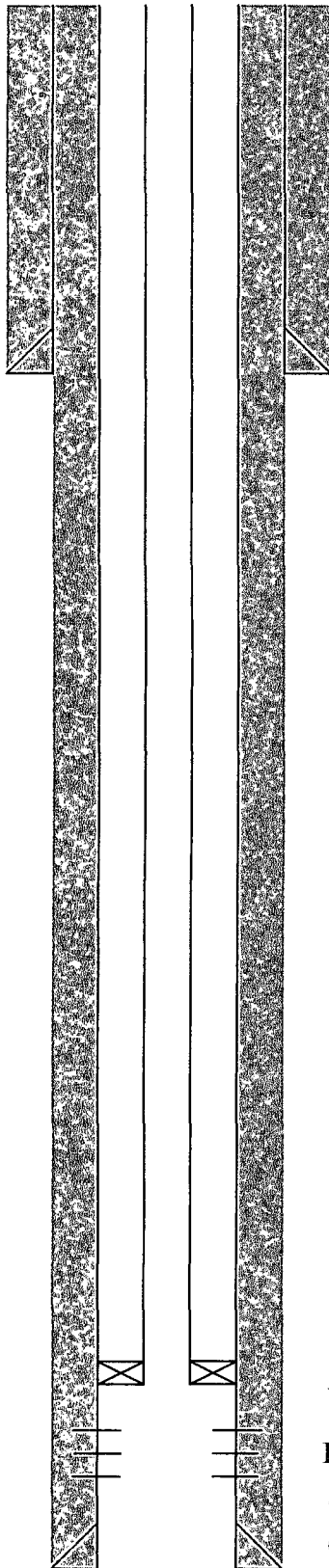
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 212
API No. 30-025-36977
660' FNL & 990' FWL (Unit D)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: August, 2005



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 415'
Cemented w/ 325 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,862'

Injection Perforations: 3,962'-4,028'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,132'
Cemented w/ 750 Sx. Class C. Cement
circulated to surface.

T.D. - 4,132'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 239

WELL LOCATION: 2000' FNL & 665' FEL
FOOTAGE LOCATION

H UNIT LETTER SECTION TOWNSHIP RANGE
13 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA (PROPOSED)

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 416'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 3,973'

Cemented with: 700 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 3,997'

Injection Interval

Not Yet Completed

Perforated Interval - 3,700' - 4,200' (ESTIMATED)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,600' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may be produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 13, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 239
API No. 30-025-38931
2000' FNL & 665' FEL (Unit H)
Section 13, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: January, 2009

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 416'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

Well has been drilled but has not yet
been completed. Completion data
will be forwarded to NMOCD when
the well is completed.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,600'

Injection Perforations: 3,700'-4,200'(Estimated)

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 3,973'
Cemented w/ 700 Sx. Class C. Cement
circulated to surface.

T.D. - 3,997'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 245 (Not Yet Drilled)

WELL LOCATION: 1940' FNL & 1650' FEL
FOOTAGE LOCATION

UNIT LETTER G SECTION 23 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA (PROPOSED)

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 350'

Cement with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulate

Intermediate Casing

Hole Size: Casing Size:

Cement with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,200'

Cement with: 925 Sx. or ft³

Top of Cement: Surface Method Determined: Circulate

Total Depth: 4,200'

Injection Interval

Perforated Interval - 3,700' - 4,200' (ESTIMATED)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,600' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well will be drilled primarily as an injection well. The well may be produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 245
API No. 30-025-38942
1940' FNL & 1650' FEL (Unit G)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: Not Yet Drilled

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 350'
Cement w/ 375 Sx. Class C. Circulate
cement to surface.

Proposed Wellbore Configuration

(Actual drilling and completion data will be
provided to the NMOCD upon completion.)

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,600'

Injection Perforations: 3,700'-4,200'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,200'
Cement w/ 925 Sx. Class C. Circulate cement
to surface.

T.D. - 4,200'

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAY 20 2008

Submit to appropriate District Office

AMENDED REPORT

HOBBS OGD

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address: Melrose Operating Co., c/o Box 953, Midland, TX 79702		² OGRID Number: 184860	
³ Property Code: 25121		⁴ Property Name: Jalmat Field Yates Sand Unit	
⁵ Proposed Pool 1: Jalmat, Tansill-Yates-7 Rvrs		⁶ Proposed Pool 2:	

⁷ Surface Location

UL or lot no. G	Section 23	Township 22-S	Range 35-E	Lot Idn	Feet from the 1940	North/South line North	Feet from the 1650	East/West line East	County Lea
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3597'
¹⁶ Multiple No	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor TBA	²⁰ Spud Date 6-2-08
Depth to Groundwater: 120'		Distance from nearest fresh water well: approx. none		Distance from nearest surface water: none
Pit: Liner: Synthetic: X 12 mils thick Clay ☐ Pit Volume: 3000 bbls Drilling Method:				
Closed-Loop System ☐ BW > 200' Fresh Water X Brine X Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	375 sx	Surface
7 7/8"	5 1/2"	15 5#	4200'	925 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Propose to drill 12 1/4" hole to 350', set 8 5/8" casing @ 350', cementing with 375 sx CI C, slurry wt of 14.8 ppg, yield of 1.34 cf/sx, type CI C with 2% CaCl2.
Drill 7 7/8" hole to 4200', run open hole logs, set production casing string to approximately 4200', cementing with lead slurry of 600 sx, 50:50 poz CI C w/10% bentonite + Sodium Chloride + 0.2% FL, slurry weight - 11.80 ppg, yield - 2.45 cf/sx; tail w/ 325 sx, 50:50 poz CI C + 10% bentonite + Sodium Chloride + 0.2% FL, slurry weight - 14.2 ppg, yield - 1.3 cf/sx.
Will perforate, stimulate & test well.
We do not anticipate encountering any H2S intervals during the drilling of this well, based on wells drilled offsetting this location and producing wells in the unit.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed Name: Narvie N. McDonald		Approved by: Chris Williams	
Title: Regulatory Agent		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: ann.ritchie@wtor.net		Approval Date: MAY 23 2008	
Date: 5-15-08		Expiration Date:	
Phone: 432 684-6381/214-762-0830		Conditions of Approval Attached ☐	

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 246 **(Not Yet Drilled)**

WELL LOCATION: 2022' FNL & 2310' FWL F 23 22 South 35 East
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA (PROPOSED)
Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 350'

Cement with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulate

Intermediate Casing
Hole Size: Casing Size:

Cement with: or ft³

Top of Cement: Method Determined:

Production Casing
Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,200'

Cement with: 925 Sx. or ft³

Top of Cement: Surface Method Determined: Circulate

Total Depth: 4,200'

Injection Interval

Perforated Interval - 3,700' - 4,200' (ESTIMATED)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,600' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well will be drilled primarily as an injection well. The well may be produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 23, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 246
API No. 30-025-38943
2022' FNL & 2310' FWL (Unit F)
Section 23, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: Not Yet Drilled

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 350'
Cement w/ 375 Sx. Class C. Circulate
cement to surface.

Proposed Wellbore Configuration

(Actual drilling and completion data will be
provided to the NMOCD upon completion.)

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,600'

Injection Perforations: 3,700'-4,200'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,200'
Cement w/ 925 Sx. Class C. Circulate cement
to surface.

T.D. - 4,200'

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Form C-101

May 27, 2004

Oil Conservation Division MAY 20 2008

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

HOBBS OCD

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address: Melrose Operating Co., c/o Box 953, Midland, TX 79702		² OGRID Number: 184860
³ Property Code 25191	⁴ Property Name Jalmat Field Yates Sand Unit	⁵ Well No. 246
⁶ Proposed Pool 1: Jalmat, Tansill-Yates-7 Rvrs		⁷ Proposed Pool 2

⁷ Surface Location

UL or lot no F	Section 23	Township 22-S	Range 35-E	Lot Idn	Feet from the 2022	North/South line North	Feet from the 2310	East/West line West	County Lea
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3581'
¹⁶ Multiple No	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor TBA	²⁰ Spud Date 6-2-08
Depth to Groundwater: 120'		Distance from nearest fresh water well: approx - none		Distance from nearest surface water: none
Pit: Liner: Synthetic: X 12 mils thick Clay ☐ Pit Volume: 3000 bbls Drilling Method: Closed-Loop System ☐ <i>GW > 200'</i> Fresh Water X Brine X Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	375 sx	Surface
7 7/8"	5 1/2"	15.5#	4200'	925 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Propose to drill 12 1/4" hole to 350', set 8 5/8" casing @ 350', cementing with 375 sx CI C, slurry wt of 14.8 ppg, yield of 1.34 cf/sx, type CI C with 2% CaCl₂.
 Drill 7 7/8" hole to 4200', run open hole logs, set production casing string to approximately 4200', cementing with lead slurry of 600 sx, 50:50 poz CI C w/10% bentonite + Sodium Chloride + 0.2% FL, slurry weight - 11.80 ppg, yield - 2.45 cf/sx; tail w/ 325 sx, 50:50 poz CI C + 10% bentonite + Sodium Chloride + 0.2% FL, slurry weight - 14.2 ppg, yield - 1.3 cf/sx.

Will perforate, stimulate & test well.

We do not anticipate encountering any H₂S intervals during the drilling of this well, based on wells drilled offsetting this location and producing wells in the unit.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed Name: Narvie N. McDonald <i>Narvie N. McDonald</i>		Approved by: <i>Chris Williams</i>	
Title: Regulatory Agent		Title: DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: ann.ritchie@wtor.net		Approval Date: MAY 23 2008	
Date: 5-15-08		Expiration Date:	
Phone: 432 684-6381/214-762-0830		Conditions of Approval Attached ☐	

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 247

WELL LOCATION: 1950' FSL & 1711' FEL
FOOTAGE LOCATION

UNIT LETTER J SECTION 14 TOWNSHIP 22 South RANGE 35 East

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 418'

Cemented with: 375 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" @ 4,183'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,185'

Injection Interval

Perforated Interval - 3,815'-4,040'

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Duo-Lined Tubing

Type of Packer: Baker AD-1 Tension Packer (IPC)

Packer Setting Depth: 3,715' or within 100' of the uppermost injection perforations.

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: X Yes No

If no, for what purpose was the well originally drilled: Well was drilled primarily as an injection well. The well may produced briefly to recover any flush production.

2. Name of the Injection Formation: Tansill-Yates-Seven Rivers

3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

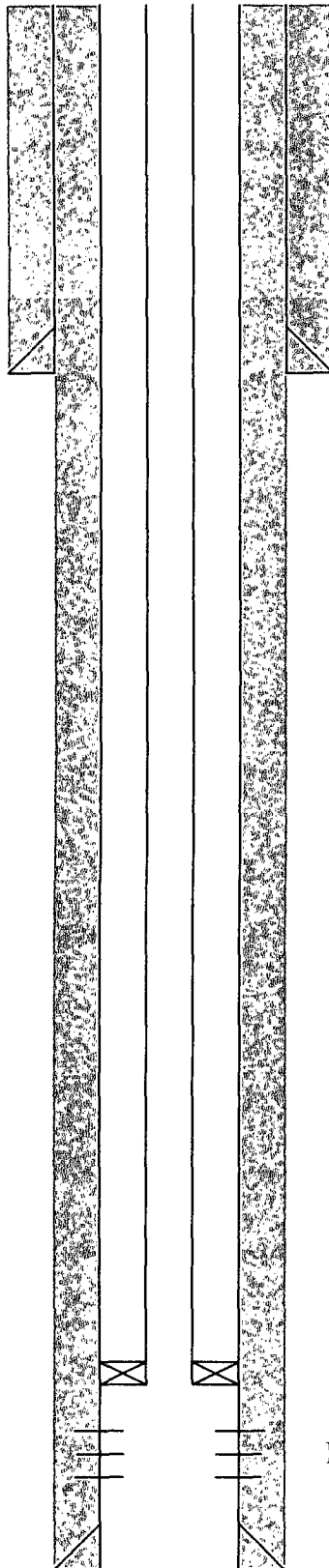
None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

An examination of OCD records shows that within Section 14, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 247
API No. 30-025-38944
1950' FSL & 1711' FEL (Unit J)
Section 14, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: November, 2008



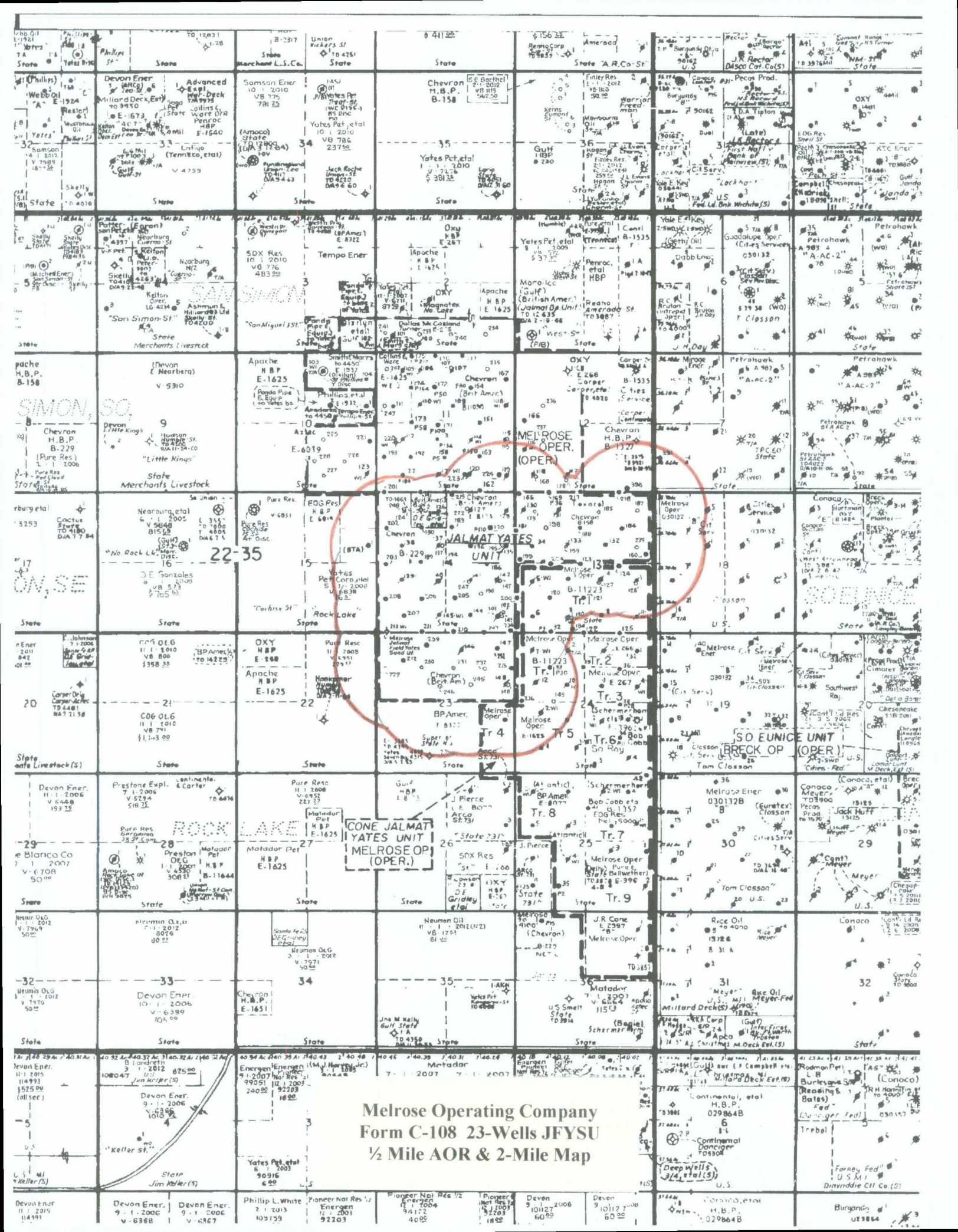
12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 418'
Cemented w/ 375 Sx. Class C. Cement
circulated to surface.

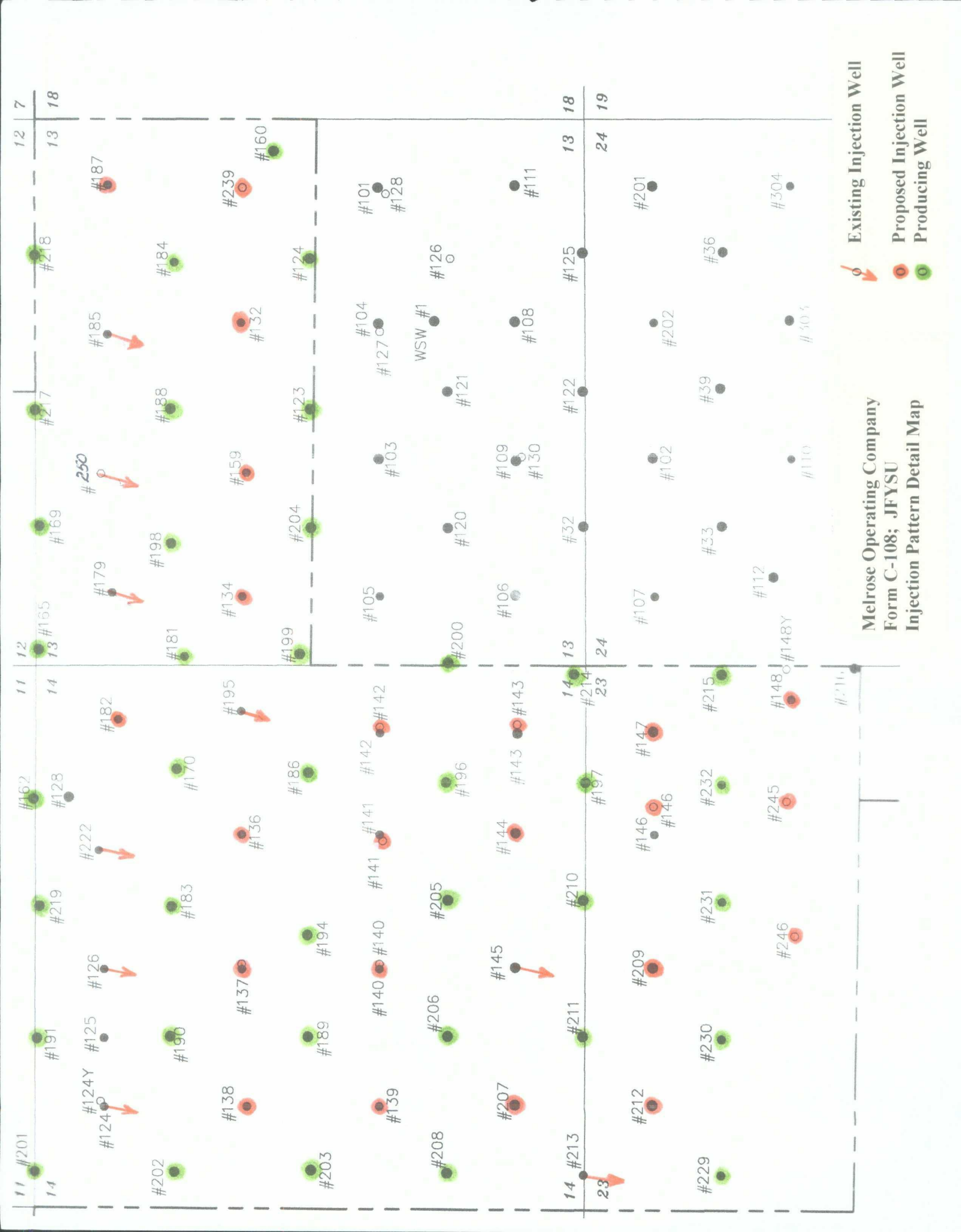
2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,715'

Injection Perforations: 3,815'-4,040'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,183'
Cemented w/ 750 Sx. Class C. Cement
circulated to surface.

T.D. - 4,185'





Existing Injection Well
Proposed Injection Well
Producing Well

Melrose Operating Company
Form C-108; JFYSU
Injection Pattern Detail Map

MELROSE OPERATING COMPANY
AREA OF REVIEW WELL DATA

23 WELLS--JALMAT FIELD YATES SAND UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. INJ.	NIS	FTG. EWM	EWM	UNIT	SEC	TSHP	RNG	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SET	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-27233	Melrose Operating Co.	Rock Lake	1	P	Active		1980'	N	330'	E	H	15	22S	35E	Feb-81	4,200'	12 1/4"	8 5/8"	4,200'	700'	1,100'	T.S.	3,972'-4,058'	
30-025-36483	Melrose Operating Co.	JFYU	190	P	Active		1310'	N	1650'	W	C	14	22S	35E	Dec-03	4,220'	12 1/4"	8 5/8"	4,220'	525'	Surface	Circ.	3,846'-4,046'	
30-025-36620	Melrose Operating Co.	JFYU	202	P	Active		1352'	N	330'	W	E	14	22S	35E	Oct-04	4,170'	12 1/4"	8 5/8"	4,150'	690'	Surface	Circ.	3,886'-4,028'	
30-025-08624	Gulf Oil Corporation	JFYU	140	P	PA		1980'	S	2310'	W	K	14	22S	35E	Nov-57	4,050'	12 1/4"	8 5/8"	4,048'	940'	715'	T.S.	3,970'-4,030'	Schematic Attached
30-025-36576	Melrose Operating Co.	JFYU	203	P	Active		2612'	S	354'	W	L	14	22S	35E	Jul-04	4,141'	12 1/4"	8 5/8"	4,141'	950'	Surface	Circ.	3,868'-4,010'	
30-025-36973	Melrose Operating Co.	JFYU	208	P	Active		1310'	S	330'	W	M	14	22S	35E	Feb-05	4,160'	12 1/4"	8 5/8"	4,160'	640'	Surface	Circ.	3,916'-4,062'	
30-025-36798	Melrose Operating Co.	JFYU	213	P	Active		10'	S	330'	W	M	14	22S	35E	Sep-05	4,285'	12 1/4"	8 5/8"	4,285'	825'	Surface	Circ.	4,094'-4,178'	
30-025-36971	Melrose Operating Co.	JFYU	206	P	Active		1310'	S	1650'	W	N	14	22S	35E	Dec-04	4,160'	12 1/4"	8 5/8"	4,150'	840'	Surface	Circ.	3,882'-4,000'	
30-025-08626	Melrose Operating Co.	JFYU	145	I	Active		660'	S	2310'	W	N	14	22S	35E	Feb-58	4,050'	11"	8 5/8"	4,050'	1050'	Surface	Calc.	3,892'-4,014'	
30-025-36976	Melrose Operating Co.	JFYU	211	P	Active		10'	S	1650'	W	N	14	22S	35E	Aug-05	4,160'	12 1/4"	8 5/8"	4,160'	745'	180'	Calc.	3,958'-4,036'	
30-025-36970	Melrose Operating Co.	JFYU	205	P	Active		1310'	S	2310'	E	O	14	22S	35E	Dec-04	4,170'	12 1/4"	8 5/8"	4,150'	725'	Surface	Circ.	3,854'-4,010'	
30-025-36975	Melrose Operating Co.	JFYU	210	P	Active		10'	S	2310'	E	O	14	22S	35E	Feb-05	4,155'	12 1/4"	8 5/8"	4,150'	840'	Surface	Circ.	3,874'-4,010'	
30-025-08616	Gulf Oil Corporation	JFYU	143	I	PA		660'	S	660'	E	P	14	22S	35E	Nov-55	3,915'	13 3/8"	10 3/4"	3,972'	100'	3,560'	T.S.	3,806'-3,886'	Schematic Attached
30-025-37269	Melrose Operating Co.	JFYU	214	P	Active		100'	S	100'	E	P	14	22S	35E	Jun-05	4,155'	12 1/4"	8 5/8"	4,150'	750'	Surface	Circ.	3,816'-3,986'	
30-025-08603	J.R. Cone	CJYPU	1	P	PA		1980'	S	660'	E	I	13	22S	35E	Apr-54	4,045'	12 1/4"	8 5/8"	3,967'	250'	*		3,600'-3,740'	* 2-stage cement job. See schematic
30-025-32522	Melrose Operating Co.	CJYPU	132	P	Active		10'	S	1320'	W	M	13	22S	35E	Apr-94	4,155'	12 1/4"	8 5/8"	4,155'	825'	Surface	Circ.	3,740'-3,914'	5 1/2" Csg. 2 Stage cement job.
30-025-37133	Melrose Operating Co.	CJYPU	121	P	Active		1310'	S	2630'	W	N	13	22S	35E	Nov-05	4,150'	12 1/4"	8 5/8"	4,150'	880'	Surface	Calc.	3,706'-3,980'	
30-025-08609	SDX Resources, Inc.	CJYPU	9	I	PA		660'	S	1980'	W	N	13	22S	35E	Sep-56	3,980'	12 1/4"	8 5/8"	3,975'	900'	Surface	Calc.	3,700'-3,862'	Schematic Attached
30-025-08607	Melrose Operating Co.	CJYPU	106	P	Active		660'	S	660'	W	M	13	22S	35E	Jun-56	4,000'	12 1/4"	8 5/8"	3,921'	600'	802'	Calc.	3,760'-3,900'	
30-025-08608	Melrose Operating Co.	CJYPU	108	P	Active		660'	S	1980'	E	O	13	22S	35E	Sep-56	4,000'	12 1/4"	8 5/8"	3,962'	1000'	Surface	Calc.	3,708'-3,814'	
30-025-08610	Melrose Operating Co.	CJYPU	111	I	Active		660'	S	660'	E	P	13	22S	35E	Mar-57	3,921'	12 1/4"	8 5/8"	3,921'	530'	1,093'	Calc.	3,672'-3,862'	
30-025-08953	Cities Service Oil Co.	Closson "B"	5	P	PA		660'	N	1980'	W	C	18	22S	35E	Oct-40	3,840'	12 1/4"	8 5/8"	3,773'	300'	2,173'	Calc.	3,785'-3,816'	Schematic Attached
30-025-08951	Cities Service Oil Co.	Closson "B"	1	P	PA		1980'	N	1980'	W	F	18	22S	35E	May-40	3,840'	12 1/4"	8 5/8"	3,773'	200'	2,707'	Calc.	3,480'-3,840'	Schematic Attached
30-025-08954	Melrose Operating Co.	Closson "B"	17	P	Active		1980'	S	660'	W	L	18	22S	35E	May-60	3,840'	12 1/4"	8 5/8"	3,831'	600'	634'	Calc.	3,690'-3,834'	
30-025-36561	Melrose Operating Co.	JFYU	197	P	Active		10'	N	1153'	E	A	23	22S	35E	Feb-04	4,200'	12 1/4"	8 5/8"	4,195'	950'	Surface	Calc.	3,822'-4,096'	
30-025-08637	Melrose Operating Co.	JFYU	147	P	Active		660'	N	660'	E	A	23	22S	35E	Oct-52	8,160'	15"	13 3/8"	4,080'	125'	3,510'	T.S.	3,816'-3,956'	PBTD-4,078'. Well was PAD'd in 1952 & Re-entered in May, 1956.
30-025-37275	Melrose Operating Co.	JFYU	215	P	Active		1320'	N	100'	E	A	23	22S	35E	Jun-05	4,148'	12 1/4"	8 5/8"	4,123'	850'	452'	CBL	3,816'-3,972'	
30-025-38711	Melrose Operating Co.	JFYU	232	P	Active		1310'	N	1155'	E	A	23	22S	35E	Apr-08	4,100'	12 1/4"	8 5/8"	4,136'	900'	Surface	Calc.	3,828'-4,018'	Not Yet Completed
30-025-38939	Melrose Operating Co.	JFYU	146	P	Active		660'	N	1700'	E	B	23	22S	35E	Dec-08	4,160'	12 1/4"	8 5/8"	4,159'	700'	Surface	Circ.	3,850'-3,956'	
30-025-08636	Gulf Oil Corporation	JFYU	146	I	PA		660'	N	1650'	E	B	23	22S	35E	Feb-57	3,981'	12 1/4"	8 5/8"	3,980'	240'	1,590'	T.S.	3,850'-3,956'	Schematic Attached
30-025-38710	Melrose Operating Co.	JFYU	231	P	Active		1310'	N	2310'	E	B	23	22S	35E	Apr-08	4,190'	12 1/4"	8 5/8"	4,179'	800'	Surface	Circ.	3,890'-4,040'	
30-025-36974	Melrose Operating Co.	JFYU	209	P	Active		660'	N	2310'	W	C	23	22S	35E	Mar-05	4,160'	12 1/4"	8 5/8"	4,150'	840'	Surface	Circ.	3,962'-4,028'	
30-025-36977	Melrose Operating Co.	JFYU	212	P	Active		660'	N	990'	W	D	23	22S	35E	Aug-05	4,132'	12 1/4"	8 5/8"	4,132'	750'	Surface	Circ.	3,962'-4,028'	
30-025-08635	Gulf Oil Corporation	JFYU	148	I	PA		1980'	N	330'	E	H	23	22S	35E	Jun-56	3,948'	12 1/4"	8 5/8"	3,947'	Note	1,690'	T.S.	3,810'-3,928'	305 Sx. Cmt. + 462 Cu. Ft. Diacei "D"
30-025-08634	Melrose Operating Co.	CJYPU	401	P	Active		1980'	S	330'	E	I	23	22S	35E	Dec-56	3,970'	12 1/4"	8 5/8"	3,969'	Note	Surface	Circ.	3,818'-3,932'	1500 Cu. Ft. 50/50 Poz + 200 Sx. Neat
30-025-08638	The Superior Oil Co.	State-Nix	1	Dry	PA		660'	S	1980'	W	N	23	22S	35E	Apr-53	4,395'	12 1/4"	8 5/8"					Schematic Attached	
30-025-08648	Melrose Operating Co.	CJYPU	107	I	Active		660'	N	660'	W	D	24	22S	35E	Jul-56	4,003'	12 1/4"	8 5/8"	4,002'	650'	539'	Calc.	3,773'-3,900'	Bradenhead squeezed down 5 1/2" csg. With 200 Sx. In 1985.
30-025-32523	Melrose Operating Co.	CJYPU	133	P	Active		1310'	N	1310'	W	D	24	22S	35E	Jun-94	4,165'	12 1/4"	8 5/8"	4,162'	150'	3,353'	Calc.	3,900'-3,930'	2 Stage Cmt. Job. 1st-150 Sx. 2nd-630 Sx. Well file does not show depth of DV tool. TOC calc. based on 1st stage only.

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	FTG. N/S	UNIT	SEC.	TSHP	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	MTD.	COMPLETION	REMARKS
30-025-08647	Melrose Operating Co.	CJYPU	102	P	Active	660'	N 1980'	W	C	24	22S	35E	Apr-55	4,010'	11"	8 5/8"	305'	200	Surface	
30-025-20645	J. R. Cone	CJYPU Track 1	12	P	PA	1815'	N 830'	W	E	24	22S	35E	Aug-64	4,000'	12 1/4"	8 5/8"	320'	175	Surface	Schematic Attached
30-025-08649	Melrose Operating Co.	CJYPU	110	I	Active	1980'	N 1980'	W	F	24	22S	35E	Mar-57	4,010'	12 1/4"	8 5/8"	276'	150	Surface	Csg. Leak @ 912' repaired 11/03
30-025-38920	Melrose Operating Co.	CJYPU	145	P	NYD	2560'	N 1410'	W	F	24	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38940	Melrose Operating Co.	JFYSU	148	P	NYD	1940'	N 362'	E	H	23	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38942	Melrose Operating Co.	JFYSU	245	P	NYD	1940'	N 1650'	E	G	23	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38943	Melrose Operating Co.	JFYSU	246	P	NYD	2022'	N 2310'	W	F	23	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38708	Melrose Operating Co.	JFYSU	229	P	NYD	1310'	N 330'	W	D	23	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38709	Melrose Operating Co.	JFYSU	230	P	NYD	1310'	N 1650'	W	C	23	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38918	Melrose Operating Co.	CJYPU	130	P	NYD	610'	S 2015'	W	N	13	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38917	Melrose Operating Co.	CJYPU	128	P	NYD	1910'	S 725'	E	I	13	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-38915	Melrose Operating Co.	CJYPU	126	P	NYD	1292'	S 1352'	E	O	13	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface	Proposed Casing Design
30-025-37506	Melrose Operating Co.	JFYSU	232A	N/A	ND	1310'	N 1155'	E	A	23	22S	35E								APD Cancelled January 11, 2008
30-025-37505	Melrose Operating Co.	JFYSU	231B	N/A	ND	1310'	N 2310'	E	B	23	22S	35E								APD Cancelled January 11, 2008
30-025-37504	Melrose Operating Co.	JFYSU	230C	N/A	ND	1310'	N 1650'	W	C	23	22S	35E								APD Cancelled January 11, 2008
30-025-37503	Melrose Operating Co.	JFYSU	229D	N/A	ND	1310'	N 330'	W	D	23	22S	35E								APD Cancelled January 11, 2008
The Following AOR Well Data Was Previously Submitted With WFX Applications Dated 9/23/2008 & 10/08/2008																				
30-025-08588	Melrose Operating Co.	JFYSU	121	I	Active	660'	S 2310'	W	N	11	22S	35E	Feb-58	4,052'	12 1/4"	8 5/8"	339'	225	Surface	5 1/2" Csg. Cmtlw 264 Sx. + 366 Cu. Ft. Diacel D.
30-025-08585	Gulf Oil Corporation	JFYSU	120	P	PA	660'	S 1860'	E	O	11	22S	35E	Mar-57	4,031'	12 1/4"	8 5/8"	335'	225	Surface	3,910'-3,984'
30-025-37492	Melrose Operating Co.	JFYSU	223	I	Active	662'	S 1810'	E	O	11	22S	35E	Jan-06	4,175'	12 1/4"	8 5/8"	405'	300	Surface	3,854'-3,997'
30-025-33456	Melrose Operating Co.	JFYSU	163	P	Active	681'	S 631'	E	P	11	22S	35E	Jan-06	4,150'	12 1/4"	8 5/8"	405'	300	Surface	3,832'-3,972'
30-025-33157	Melrose Operating Co.	JFYSU	162	P	Active	10'	S 1310'	E	P	11	22S	35E	May-96	4,032'	12 1/4"	8 5/8"	420'	325	Surface	3,830'-3,974'
30-025-08584	Gulf Oil Corporation	JFYSU	119	I	PA	660'	S 330'	E	P	11	22S	35E	Jul-56	4,008'	12 1/4"	8 5/8"	410'	325	Surface	3,867'-4,029'
30-025-08601	Melrose Operating Co.	JFYSU	116	I	Active	1650'	S 330'	W	L	12	22S	35E	Jul-58	4,030'	11"	8 5/8"	280'	200	Surface	3,812'-3,970'
30-025-08599	Gulf Oil Corporation	JFYSU	118	P	PA	660'	S 660'	W	M	12	22S	35E	Nov-56	3,952'	11"	8 5/8"	317'	225	Surface	3,808'-3,966'
30-025-38923	Melrose Operating Co.	JFYSU	168	I	Active	620'	S 723'	W	M	12	22S	35E	Sep-08	4,175'	12 1/4"	8 5/8"	410'	375	Surface	3,902'-3,920'
30-025-38924	Melrose Operating Co.	JFYSU	178	I	Active	528'	S 1860'	W	N	12	22S	35E	Sep-08	4,180'	12 1/4"	8 5/8"	413'	375	Surface	3,808'-4,098'
30-025-08619	Gulf Oil Corporation	JFYSU	129	P	PA	660'	N 330'	E	A	14	22S	35E	May-56	3,970'	12 1/4"	8 5/8"	334'	180	Surface	3,724'-3,852'
30-025-37479	Melrose Operating Co.	JFYSU	219	P	Active	50'	N 2360'	E	B	14	22S	35E	Sep-05	4,175'	12 1/4"	8 5/8"	401'	325	Surface	3,824'-3,945'
30-025-38875	Melrose Operating Co.	JFYSU	222	I	Active	606'	N 1802'	E	B	14	22S	35E	May-08	4,180'	12 1/4"	8 5/8"	459'	375	Surface	3,764'-4,010'
30-025-08625	Melrose Operating Co.	JFYSU	127	I	PA	660'	N 1650'	E	B	14	22S	35E	Jan-57	4,036'	12 1/4"	8 5/8"	345'	250	Surface	3,853'-4,024'
30-025-36152	Melrose Operating Co.	JFYSU	183	P	Active	1310'	N 2376'	E	B	14	22S	35E	May-03	4,190'	12 1/4"	8 5/8"	408'	230	Surface	3,850'-3,992'
30-025-36484	Melrose Operating Co.	JFYSU	191	P	Active	10'	N 1650'	W	C	14	22S	35E	Dec-03	4,200'	12 1/4"	8 5/8"	361'	400	Surface	3,862'-3,980'
30-025-08615	Melrose Operating Co.	JFYSU	126	P	Active	660'	N 2310'	W	C	14	22S	35E	Jan-58	4,089'	12 1/4"	8 5/8"	335'	200	Surface	3,856'-4,056'
30-025-21485	Gulf Oil Corporation	JFYSU	125	Supply	PA	660'	N 1650'	W	C	14	22S	35E	May-62	4,663'	24"	20"	33'	5	Surface	5 1/2" Csg. Cmtlw 214 Sx. + 480 Cu. Ft. Diacel D.
30-025-08628	Melrose Operating Co.	JFYSU	124	I	Active	660'	N 990'	W	D	14	22S	35E	Apr-58	4,075'	12 1/4"	8 5/8"	413'	300	Surface	3,838'-3,960'
30-025-36575	Melrose Operating Co.	JFYSU	201	P	Active	10'	N 330'	W	D	14	22S	35E	Nov-04	4,170'	12 1/4"	8 5/8"	401'	325	Surface	O.H. 4,178'-4,663'
30-025-08625	Gulf Oil Corporation	JFYSU	137	I	PA	1980'	N 2310'	W	F	14	22S	35E	Jan-58	4,050'	11"	8 5/8"	387'	300	Surface	3,854'-4,042'
30-025-36496	Melrose Operating Co.	JFYSU	194	P	Active	2630'	N 2630'	W	F	14	22S	35E	Dec-03	4,200'	12 1/4"	8 5/8"	445'	400	Surface	3,910'-4,064'
																				1000 Surface Calc. 3,840'-4,008'
																				550 Surface Circ. 3,844'-4,060'

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG	NIS	FTG	NIS	IS	SEC	TSHP	RNG	DATE	TOTAL DEPTH	HOLES	CSG SIZE	SET	SET	CSG SIZE	MTD	HOLES	CSG SIZE	SET	SET	CSG SIZE	MTD	CMT	TOP	COMPLETION	REMARKS	
30-025-36496	Melrose Operating Co.	JFYSU	194	P	Active	2630'	N	2630'	N	2630'	W	F	14	22S	35E	Dec-03	4,200'	12 1/4"	8 5/8"	445'	400	Surface	Circ.	7 7/8"	5 1/2"	4,200'		550	Surface	Circ.	3,844'-4,060'	
30-025-36497	Melrose Operating Co.	JFYSU	189	P	Active	2630'	N	1650'	W	1650'	W	F	14	22S	35E	Jan-04	4,213'	12 1/4"	8 5/8"	450'	400	Surface	Circ.	7 7/8"	5 1/2"	4,204'		725	Surface	Calc.	3,852'-4,074'	CIBP @ 4,020'
30-025-35262	Melrose Operating Co.	JFYSU	170	P	Active	1330'	N	990'	E	990'	E	H	14	22S	35E	Jan-01	4,100'	12 1/4"	8 5/8"	421'	250	Surface	Circ.	7 7/8"	5 1/2"	4,100'		500	Surface	Circ.	3,831'-4,038'	
30-025-08618	Gulf Oil Corporation	JFYSU	135	I	PA	1980'	N	330'	E	330'	E	H	14	22S	35E	Mar-56	4,000'	12 1/4"	8 5/8"	333'	280	Surface	Circ.	7 7/8"	4 1/2"	3,999'		150	3,400'	T.S.	3,862'-3,950'	
30-025-36153	Melrose Operating Co.	JFYSU	186	P	Active	2630'	N	1056'	E	1056'	E	H	14	22S	35E	Sep-03	4,127'	12 1/4"	8 5/8"	396'	290	Surface	Circ.	7 7/8"	5 1/2"	4,127'		835	Surface	Circ.	3,830'-4,002'	
30-025-38874	Melrose Operating Co.	JFYSU	195	I	Active	1970'	N	448'	E	448'	E	H	14	22S	35E	May-08	4,180'	12 1/4"	8 5/8"	453'	375	Surface	Circ.	7 7/8"	5 1/2"	4,171'		750	Surface	Circ.	3,829'-4,035'	
30-025-08617	Gulf Oil Corporation	JFYSU	142	P	PA	1980'	S	660'	E	660'	E	I	14	22S	35E	Jan-56	3,985'	13 3/4"	9 5/8"	338'	275	Surface	Circ.	7 7/8"	4 1/2"	3,982'		150	3,180'	T.S.	3,862'-3,934'	
30-025-36560	Melrose Operating Co.	JFYSU	196	P	Active	1503'	S	1292'	E	1292'	E	I	14	22S	35E	Jun-04	4,170'	12 1/4"	8 5/8"	398'	400	Surface	Circ.	7 7/8"	5 1/2"	4,170'		100	Surface	Circ.	3,812'-3,968'	
30-025-08821	Melrose Operating Co.	JFYSU	141	I	PA	1980'	S	1650'	E	1650'	E	J	14	22S	35E	Nov-56	3,972'	12 1/4"	8 5/8"	359'	190	Surface	Circ.	7 7/8"	5 1/2"	3,971'		282	1,190'	T.S.	3,815'-3,936'	
30-025-37139	Melrose Operating Co.	JFYSU	218	P	Active	10'	N	1330'	E	1330'	E	B	13	22S	35E	Dec-05	4,150'	12 1/4"	8 5/8"	402'	300	Surface	Circ.	7 7/8"	5 1/2"	4,150'		730	Surface	Circ.	3,648'-3,934'	
30-025-38872	Melrose Operating Co.	JFYSU	185	I	Active	692'	N	2089'	E	2089'	E	B	13	22S	35E	Jun-08	4,150'	12 1/4"	8 5/8"	395'	375	Surface	Circ.	7 7/8"	5 1/2"	4,145'		750	Surface	Circ.	3,662'-3,904'	
30-025-37138	Melrose Operating Co.	JFYSU	217	P	Active	10'	N	2480'	W	2480'	W	C	13	22S	35E	Dec-05	4,097'	12 1/4"	8 5/8"	405'	300	Surface	Circ.	7 7/8"	5 1/2"	4,097'		1250	Surface	Calc.	3,716'-3,944'	
30-025-35221	Melrose Operating Co.	JFYSU	169	P	Active	10'	N	1330'	W	1330'	W	C	13	22S	35E	Feb-01	4,208'	12 1/4"	8 5/8"	403'	275	Surface	Circ.	7 7/8"	5 1/2"	4,208'		900	Surface	Circ.	3,760'-4,112'	
30-025-20295	Gulf Oil Corporation	JFYSU	131	P	PA	660'	N	1650'	W	1650'	W	C	13	22S	35E	Oct-83	3,933'	11"	8 5/8"	154'	100	Surface	Circ.	6 3/4"	4 1/2"	3,932'		430	150'	Well File	3,770'-3,864'	
30-025-38925	Melrose Operating Co.	JFYSU	250	I	Active	625'	N	1853'	W	1853'	W	C	13	22S	35E	Jun-08	4,150'	12 1/4"	8 5/8"	438'	375	Surface	Circ.	7 7/8"	5 1/2"	4,144'		750	Surface	Circ.	3,744'-4,055'	
30-025-37580	Melrose Operating Co.	JFYSU	188	P	Active	1310'	N	2464'	W	2464'	W	C	13	22S	35E	Nov-05	4,150'	12 1/4"	8 5/8"	401'	300	Surface	Circ.	7 7/8"	5 1/2"	4,150'		800	Surface	Circ.	3,730'-3,978'	
30-025-33526	Melrose Operating Co.	JFYSU	165	P	Active	35'	N	140'	W	140'	W	D	13	22S	35E	Aug-96	4,060'	12 1/4"	8 5/8"	445'	425	Surface	Circ.	7 7/8"	5 1/2"	4,060'		650	569'	Calc.	3,816'-4,005'	
30-025-08614	Gulf Oil Corporation	JFYSU	130	I	PA	660'	N	330'	W	330'	W	D	13	22S	35E	Aug-56	3,940'	11"	8 5/8"	1,825'	800	Surface	Circ.	6 3/4"	4 1/2"	3,940'		400	1,791'	Calc.	3,783'-3,930'	
30-025-36574	Melrose Operating Co.	JFYSU	198	P	Active	1310'	N	1157'	W	1157'	W	D	13	22S	35E	Jul-04	4,176'	12 1/4"	8 5/8"	397'	300	Surface	Circ.	7 7/8"	5 1/2"	4,131'		1235	Surface	Circ.	3,750'-3,938'	
30-025-38869	Melrose Operating Co.	JFYSU	179	I	Active	730'	N	699'	W	699'	W	D	13	22S	35E	May-08	4,180'	12 1/4"	8 5/8"	433'	375	Surface	Circ.	7 7/8"	5 1/2"	4,168'		910	Surface	Circ.	3,772'-4,002'	
30-025-37719	Melrose Operating Co.	JFYSU	181	P	Active	1425'	N	90'	W	90'	W	E	13	22S	35E	Feb-06	4,125'	12 1/4"	8 5/8"	415'	330	Surface	Circ.	7 7/8"	5 1/2"	4,125'		750	Surface	Circ.	3,786'-3,944'	
30-025-36864	Melrose Operating Co.	JFYSU	199	P	Active	2546'	N	94'	W	94'	W	E	13	22S	35E	Oct-04	4,150'	12 1/4"	8 5/8"	412'	330	Surface	Circ.	7 7/8"	5 1/2"	4,150'		840	Surface	Circ.	3,834'-4,030'	
30-025-08612	Gulf Oil Corporation	JFYSU	133	P	PA	1980'	N	1980'	W	1980'	W	F	13	22S	35E	Aug-55	3,895'	11"	8 5/8"	1,760'	800	Surface	Calc.	7 7/8"	5 1/2"	3,850'		400	1,701'	Calc.	3,718'-3,762'	
30-025-37682	Melrose Operating Co.	JFYSU	184	P	Active	1335'	N	1388'	E	1388'	E	G	13	22S	35E	Feb-06	4,215'	12 1/4"	8 5/8"	420'	300	Surface	Circ.	7 7/8"	5 1/2"	4,125'		650	Surface	Circ.	3,638'-3,852'	
30-025-33087	Melrose Operating Co.	JFYSU	160	P	Active	2310'	N	330'	E	330'	E	H	13	22S	35E	Jul-97	3,750'	12 1/4"	8 5/8"	409'	325	Surface	Circ.	7 7/8"	5 1/2"	3,749'		700	30'	Calc.	3,589'-3,669'	
30-025-37226	Melrose Operating Co.	CJYPU	124	P	Active	2630'	S	1385'	E	1385'	E	J	13	22S	35E	Oct-05	4,150'	12 1/4"	8 5/8"	425'	325	Surface	Circ.	7 7/8"	5 1/2"	4,150'		850	Surface	Circ.	3,630'-3,734'	Csg. Leak 925-1170' Repaired 8/1978
30-025-08605	Smith & Marrs, Inc.	CJYPU	1	I	PA	1980'	S	1980'	E	1980'	E	J	13	22S	35E	Jun-55	4,002'	12 1/4"	8 5/8"	288'	200	Surface	Circ.	7 7/8"	5 1/2"	4,002'		900	Surface	Calc.	3,663'-3,926'	Csg. Leak 466'-520' Repaired 10/03-02/04
30-025-37225	Melrose Operating Co.	CJYPU	123	P	Active	2630'	S	2460'	W	2460'	W	K	13	22S	35E	Oct-05	4,150'	12 1/4"	8 5/8"	420'	325	Surface	Circ.	7 7/8"	5 1/2"	4,150'		880	Surface	Circ.	3,718'-3,940'	
30-025-08606	Melrose Operating Co.	CJYPU	105	I	SI	1980'	S	660'	W	660'	W	L	13	22S	35E	Jun-56	4,000'	11"	8 5/8"	284'	100	Surface	Circ.	7 7/8"	5 1/2"	3,988'		925	650'	CBL	3,766'-3,906'	
30-025-35428	Melrose Operating Co.	CJYPU	204	P	Active	2625'	S	1310'	W	1310'	W	L	13	22S	35E	Nov-04	4,170'	12 1/4"	8 5/8"	399'	300	Surface	Circ.	7 7/8"	5 1/2"	4,168'		690	Surface	Circ.	3,754'-3,928'	
30-025-37132	Melrose Operating Co.	CJYPU	120	P	Active	1310'	S	1310'	W	1310'	W	M	13	22S	35E	Nov-05	4,150'	12 1/4"	8 5/8"	420'	325	Surface	Circ.	7 7/8"	5 1/2"	4,150'		800	Surface	Calc.	3,768'-3,983'	
30-025-36862	Melrose Operating Co.	CJYPU	200	P	Active	1310'	S	10'	W	10'	W	M	13	22S	35E	Nov-04	4,170'	12 1/4"	8 5/8"	400'	325	Surface	Circ.	7 7/8"	5 1/2"	4,168'		690	Surface	Circ.	3,794'-3,960'	
30-025-08604	Melrose Operating Co.	CJYPU	103	P	Active	1980'	S	1980'	W	1980'	W	K	13	22S	35E	May-55	4,040'	12 1/4"	8 5/8"	295'	250	Surface	Circ.	7 7/8"	5 1/2"	4,027'		800	Surface	Calc.	3,722'-3,854'	Csg. Leak 960'-1,200' Repaired 11/1976
30-025-38945	Melrose Operating Co.	JFYSU	248	P	NYD	625'	N	1040'	W	1040'	W	D	14	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface		7 7/8"	5 1/2"	4,200'		925	Surface		Proposed Casing Design	
30-025-38916	Melrose Operating Co.	CJYPU	127	P	NYD	1970'	S	2062'	E	2062'	E	J	13	22S	35E		4,200'	12 1/4"	8 5/8"	350'	375	Surface		7 7/8"	5 1/2"	4,200'		925	Surface		Proposed Casing Design	
30-025-37689	Melrose Operating Co.	JFYSU	168M	N/A	ND	620'	S	723'	W	723'	W	M	12	22S	35E																	APD Cancelled July, 2006
30-025-35431	Melrose Operating Co.	JFYSU	183	N/A	ND	1310'	N	2376'	E	2376'	E	B	14	22S	35E																	APD Cancelled June, 2002
30-025-34556	SDX Resources, Inc.	JFYSU	170	N/A	ND	1330'	N	990'	E	990'	E	H	14	22S	35E																	APD Cancelled January 7, 2000
30-025-35428	Melrose Operating Co.	JFYSU	186		ND	2630'	N	1056'	E	1056'	E	H	14	22S	35E																	APD Cancelled June, 2002
30-025-35432	Melrose Operating Co.	JFYSU	187A		ND	1310'	N	990'	E	990'	E	A	13	22S	35E																	APD Cancelled June, 2002
30-025-36154	Melrose Operating Co.	JFYSU	187A		ND	1310'	N	990'	E	990'	E	A	13	22S	35E																	APD Cancelled May, 2004
30-025-37693	Melrose Operating Co.	JFYSU	185B		ND	692'	N	2089'	E																							

Melrose Operating Company

23-Wells; JFYU

Area of Review Well Data

Page 3

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	FTG. E/W	EM	UNIT	SEC	TSHP	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX CMT.	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX CMT.	MTD.	COMPLETION	REMARKS
30-025-35214	Melrose Operating Co.	JFYSU	159B		ND	990' N	2310' E	E	B	13	22S	35E														APD Cancelled June, 2002
30-025-33031	SDX Resources, Inc.	JFYSU	159		ND	990' N	2310' E	E	B	13	22S	35E														APD Cancelled January, 2000
30-025-33685	SDX Resources, Inc.	JFYSU	169		ND	10' N	1330' W	C	C	13	22S	35E														APD Cancelled January, 2000
30-025-38870	Melrose Operating Co.	JFYSU	180		ND	624' N	1853' W	C	C	13	22S	35E														APD Cancelled June, 2008
30-025-35433	Melrose Operating Co.	JFYSU	188		ND	1311' N	2464' W	C	C	13	22S	35E														APD Cancelled June, 2002
30-025-36155	Melrose Operating Co.	JFYSU	188		ND	1310' N	2464' W	C	C	13	22S	35E														APD Cancelled May, 2004
30-025-37688	Melrose Operating Co.	JFYSU	159F		ND	2026' N	1860' W	F	F	13	22S	35E														APD Cancelled July, 2006
30-025-33680	SDX Resources, Inc.	JFYSU	168		ND	1650' N	330' E	H	H	13	22S	35E														APD Cancelled January, 2000
30-025-35220	Melrose Operating Co.	JFYSU	168H		ND	1650' N	330' E	H	H	13	22S	35E														APD Cancelled June, 2002
30-025-33153	SDX Resources, Inc.	CJYPU	37		ND	2595' S	1395' E	J	J	13	22S	35E														APD Cancelled January, 2000
30-025-33154	SDX Resources, Inc.	CJYPU	40		ND	2630' S	1330' W	K	K	13	22S	35E														APD Cancelled January, 2000

Form C-108; Melrose Operating Company
Cone Jalmat Yates Pool Unit Well No. 9
(API No. 30-025-08609)
660' FSL & 1980' FWL (Unit N) Section 13, T-22S, R-35E

WELL DATA

5 wells

Date Drilled: September, 1956
Date Plugged: January, 1997

Well Construction: 8 5/8" Csg. @ 285' cemented w/ 150 sx. Cmt. circulated to surface.
5 1/2" Csg. @ 3,975' cemented w/900 sx. Cmt. circulated to surface.

Perforations: 3,700'-3,862' Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool

Well was initially drilled as a producing well. Pursuant to Division Order No. R-2495, the well was converted to an injection well in August, 1963 within the Cone Jalmat Yates Pool Unit ("CJYPU") Waterflood Project.

July/1985: Found casing leak @ 927'-951'. Squeezed w/200 sx. Resumed injection.

October/1987: Found casing leak @ 570'-635'. Bradenhead squeezed w/200 sx. Resumed injection.

January/1997: Well was plugged and abandoned by SDX Resources, Inc. Well file indicates that the well was plugged in the following manner:

Squeeze 200 sx. Class "C" @ 550' (No tag)
Squeeze 50 sx. Class "C" @ 539'-550' (Tagged)
Spot 25 sx. @ 299'-539'
Spot 10 sx. @ 100'-Surface

DISCUSSION

The OCD well file does not indicate the reason that the CJYPU No. 9 was plugged from a depth of approximately 550' to surface. Included in the well file is a letter to SDX Resources, Inc. from Mr. Jerry Sexton, the supervisor of the Hobbs OCD office dated February 11, 1997. In that letter, Mr. Sexton states that due to the procedure necessary to plug the CJYPU No. 9, no injection shall occur within 1/2 mile of that well unless approved by the Santa Fe Office of the Division. In a subsequent letter from Mr. Jerry Sexton to Mr. David Catanach (Engineer-OCD Santa Fe) dated April 8, 1997, Mr. Sexton requested a decision by the Santa Fe OCD regarding continued use of injection wells within a 1/2 mile radius of the CJYPU No. 9.

The CJYPU No. 9 well file contains no documentation showing that the Santa Fe OCD office ultimately rendered a decision on the continued use of injection wells within a 1/2 mile radius of

that well. Melrose has also researched Case File 2803 (R-2495) which order approved waterflood operations within the CJYPU Waterflood Project, and Division Order No. WFX-180, which order approved four injection wells within the CJYPU Waterflood Project, three of which are located within ½ mile of the CJYPU No. 9. Again, Melrose has found no documentation in either Case File 2803 or WFX-180 showing that the Santa Fe OCD office ultimately rendered a decision on this matter.

Melrose acquired the CJYPU from SDX Resources, Inc. in December, 1999. Melrose has researched the files it obtained from SDX Resources, Inc. and has found no additional plugging data regarding the CJYPU No. 9. Until recently, Melrose was unaware of any injection restrictions within the immediate area surrounding the CJYPU No. 9. —X

CURRENT AND PROPOSED ACTIVITY

There are currently five existing injection wells located within a ½ mile radius of the CJYPU No. 9. These wells are located within the CJYPU Waterflood Project, and are described as follows:

CJYPU No. 105 Unit L, Section 13
CJYPU No. 111 Unit P, Section 13
CJYPU No. 107 Unit D, Section 24
CJYPU No. 202 Unit B, Section 24
CJYPU No. 110 Unit F, Section 24

Melrose commenced injection operations into the CJYPU No. 105 in 2005, the CJYPU No. 107 in 2004, the CJYPU No. 110 in 2005, the CJYPU No. 111 in 1999, and the CJYPU No. 202 in 2004. All of these wells are currently active injection wells within the CJYPU Waterflood Project.

The CJYPU No. 9 is also located within ½ mile of the Jalmat Field Yates Sand Unit Wells No. 159 (Unit F, Section 13) and 143 (Unit P, Section 14). Both of these wells are proposed injection wells contained in this application.

In addition, Melrose will seek, in the near future, to expand the CJYPU Waterflood Project by converting several additional wells to injection that will be located within ½ mile of the CJYPU No. 9. 3

Recent drilling activity by Melrose within the Jalmat Field Yates Sand Unit and Cone Jalmat Yates Pool Unit Waterflood Projects has not detected any out-of-zone waterflows above the Jalmat (Tansill-Yates-Seven Rivers) Oil and Gas Pool. It is therefore the position of Melrose that the CJYPU No. 9 is not providing a conduit for the migration of injected fluid from the injection interval.

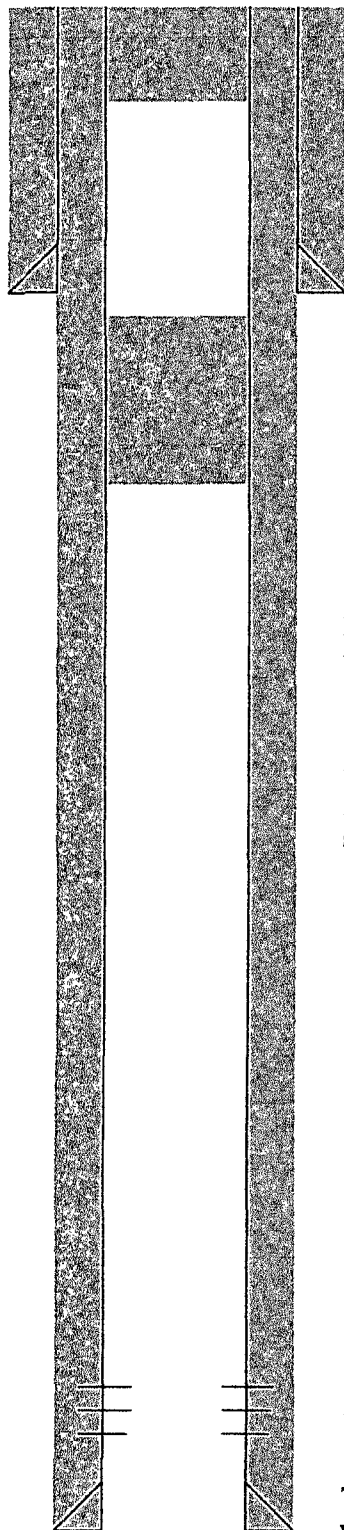
SDX Resources, Inc.

Cone Jalmat Yates Pool Unit No. 009

API No. 30-025-08609

660' FSL & 1980' FWL, Unit N

Section 13, T-22S, R-35E



10 Sx. surface plug

12 1/4" Hole; 8 5/8" Csg. Set @
285'. Cemented w/150 Sx.
Cement circulated to surface.

Drilled: 9/56

Plugged: 1/97

Spot 25 Sx. 539'-299'

1/97: Squeeze 200 sx. Class "C" @ 550 (No tag)
Squeeze 50 sx. Class "C" @ 539'-550' (Tagged)

10/87: Found casing leak @ 570'-635'.
Bradenhead squeezed w/200 sx. Casing
tested ok. Resumed injection.

7/85: Found casing leak @ 927'-951'. Set
retainer @ 860' and squeeze cemented w/ 200
sx. Casing tested ok. Resumed injection.

Perforations: 3,700'-3,862'

7 7/8" Hole; 5 1/2" Csg. Set @ 3975' Cemented
w/ 900 Sx. Calculated TOC @ surface.

T.D. 3,980'

*Perfs
not
Squeezed*



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

POST OFFICE BOX 1880
HOBBS, NEW MEXICO 88241-1880
(505) 383-8181

April 8, 1997

David Catanach
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: SDX Cone Jalmat Yates Pool Unit Tr 1 #9-N, Sec. 13, T22S, R35E

Dear Mr. Catanach:

We are enclosing a copy of the correspondence dated February 11, 1997, regarding continued injection in wells located within one half mile of the above referenced plugged well.

My concern is the procedure used for plugging this well.

Also enclosed is the following documents:

1. Subsequent report of the plugging procedure.
2. Section of map pinpointing well and 1/2 mile radius.
3. Test sheets on five wells affected, three of which have been shut in for several years, according to our records.

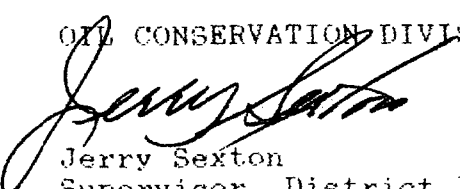
Please notify SDX of your decision regarding the use of the affected wells for injection purposes.

To have a record for our files, please send copies of your correspondence to this office.

If you have any questions, please feel free to call.

Very truly yours

OIL CONSERVATION DIVISION


Jerry Sexton
Supervisor, District I

JS:bp

cc: SDX
File



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 383-8161

February 11, 1997

SDX Resources, Inc.
P. O. Box 5061
Midland, Texas 79704

Re: Cone Jalmat Yates Unit Tr 1 #9-N, Sec. 13, T22S, R35E

Gentlemen:

We have received the C-103, outlining the plugging of the above referenced well.

Due to the procedure necessary to plug the well and as previously discussed, there is to be no injection into any well which is located within one half mile of this well unless authorized by David Catanach.

This restriction is to be effective on March 20, 1997, unless approval for continued use of the affected wells has been granted by Mr. Catanach.

If you have any questions, please feel free to call.

Very truly yours

OIL CONSERVATION DIVISION

Jerry Sexton
Jerry Sexton
Supervisor, District I

JS:bp

cc: David Catanach
File

CJ yfu #9-N

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-08609

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER

Injection

2. Name of Operator

SDX Resources, Inc.

3. Address of Operator

P. O. Box 5061, Midland, TX. 79704

7. Lease Name or Unit Agreement Name

Cone Jalmat Yates Unit

8. Well No.

1-9

9. Pool name or Wildcat

Jalmat, Tansill, Yates 7 Rvrs.

4. Well Location

Unit Letter N : 660 Feet From The South Line and 1980 Feet From The West Line

Section 13

Township 22S

Range 35E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

GR 3586

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1/17/97 Squeeze 200 sxs C1 "C" cmt @ 550' (no tag).
Squeeze 50 sxs C1 "C" cmt @ 550' - 539' (Tagged).

1/20/97 Spotted 25 sxs @ 539-299'.
Spotted 10 sxs @ 100' - surface.

Witnessed by OCD. Will install surface plug & marker. Location will be
cleaned and final P&A report will be filed at that time.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Janice Courtney

TITLE

Regulatory Tech

DATE

2/06/97

TYPE OR PRINT NAME

Janice Courtney

915/685-1761
TELEPHONE NO.

(This space for State Use)

APPROVED BY

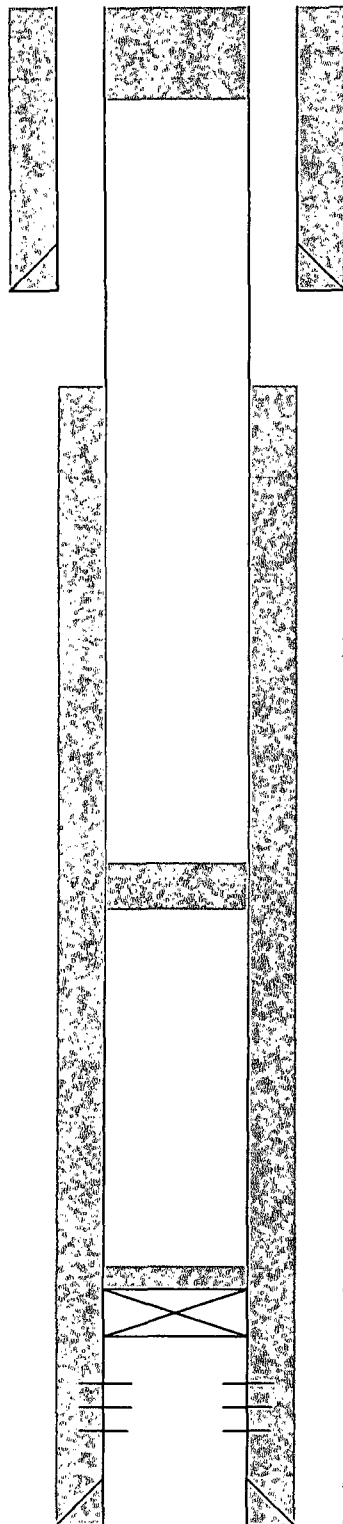
Sam D. Hill

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Gulf Oil Corporation
Jalmat Field Yates Sand Unit No. 140
API No. 30-025-08624
1980' FSL & 2310' FWL, Unit K
Section 14, T-22S, R-35E



10 Sx. surface plug

**12 1/4" Hole; 8 5/8" Csg. Set @
363'. Cemented w/300 Sx.
Cement circulated to surface.**

TOC @ 715' by T.S.

Mud placed between plugs

**100' cement plug 1,716'-1,816'
100' cement plug @ 1,800'**

**CIBP @ 3,850' w/ 35'
of cement on top**

Perforations: 3,970'-4,030'

**7 7/8" Hole; 5 1/2" Csg. Set @ 4,048'
Cemented w/ 940 Sx. TOC @ 715' by T.S.**

T.D. 4,050'

Drilled: 11/57

Plugged: 10/80

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE		
OPERATOR		

CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-229

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name Jalmat Field Yates Sand Unit
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 140
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE, SECTION <u>14</u> TOWNSHIP <u>22S</u> RANGE <u>35E</u> NMPM.	10. Field and Pool, or Wildcat Jalmat
15. Elevation (Show whether DF, RT, GR, etc.) 3608' GL	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

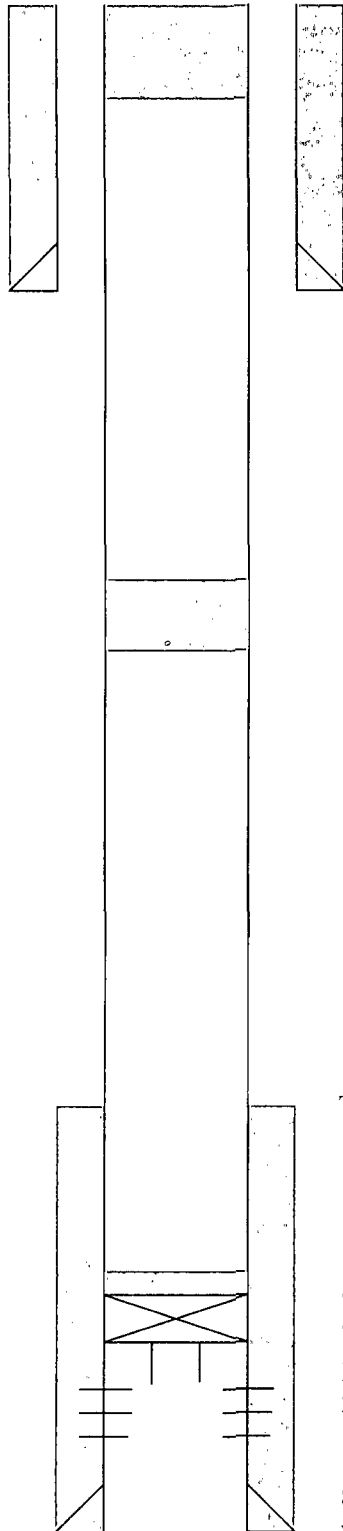
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

POH with production equipment. Set CIBP at 3850'. Spot 35' cement plug on CIBP. Spot 100' cement plug 1816'-1716'. Spot 100' cement plug 1800'. Circulate abandonment mud, spot 10 sack surface plug. Set dry hole marker, cut off anchors. Filled pit, cleaned location. P&A Complete 10-29-80.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED RDP Rith TITLE Area Engineer DATE 10-30-80
APPROVED BY Eddie Sany TITLE OIL & GAS INSPECTOR DATE 10-30-80
CONDITIONS OF APPROVAL, IF ANY:

Gulf Oil Corporation
Jalmat Field Yates Sand Unit No. 143
API No. 30-025-08616
660' FSL & 660' FEL, Unit P
Section 14, T-22S, R-35E



10 Sx. 100' to surface

13 3/8" Hole; 10 3/4" Csg. Set @
339'. Cemented w/350 Sx.
Cement circulated to surface.

10 Sx. 1,850'-2,000'

Mud placed between plugs

TOC @ 3,560' by T.S.

CIBP @ 3,750' w/ 5 Sx.
Cement on top

Fish left in hole: 7' of
2 1/16" tubing & packer

Perforations: 3,806'-3,886'

8 3/4" Hole; 5 1/2" Csg. Set @ 3972' Cemented
w/ 100 Sx. TOC @ 3,560' by T.S.

T.D. 3,915'

Drilled: 11/55
Plugged: 6/74

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-8173

SUNDY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- Water Injection Well	7. Unit Agreement Name
2. Name of Operator	Field Yates Sand Unit
Gulf Oil Corporation	8. Farm or Lease Name
3. Address of Operator	9. Well No.
Box 670, Hobbs, New Mexico 88240	143
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER <u>P</u> , <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM	Jalmat
THE <u>East</u> LINE, SECTION <u>14</u> TOWNSHIP <u>22-S</u> RANGE <u>35-E</u> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3583' GL	Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐
Plugged and abandoned.

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

3965' TD, 3955' PB.

Could not release packer at 3777'. Cut and recovered tubing from 3770', leaving 7' of 2-1/16" tubing and Larkin packer in hole. Ran CI BP and set at 3750'. Circulated hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 10 sack cement plug from 2000' to 1850', across salt. Spotted 10 sack cement plug from 100' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned June 18, 1974.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED B. J. Barbee TITLE Area Engineer DATE June 18, 1974
APPROVED BY John W. Rungar TITLE Coordinator DATE SEP 13 1974
CONDITIONS OF APPROVAL, IF ANY:

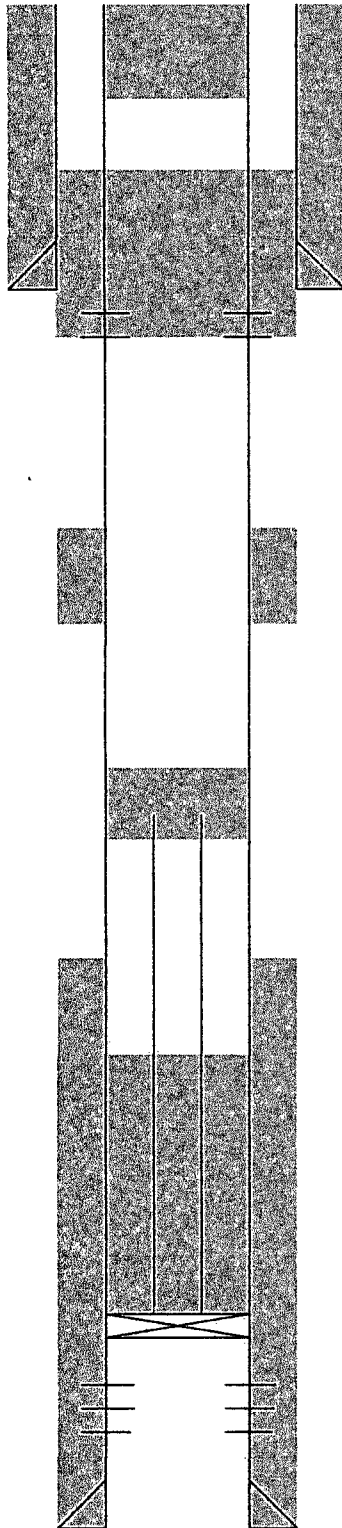
J. R. Cone

Cone Jalmat Yates Pool Unit No. 1

API No. 30-025-08603

1980' FSL & 660' FEL, Unit I

Section 13, T-22S, R-35E



10 Sx. surface plug

**12 1/4" Hole; 8 5/8" Csg. Set @
314'. Cemented w/200 Sx.
Cement circulated to surface.**

**Perforate 5 1/2" csg. @ 364'.
Set 60 sx. plug. Tag @ 244'**

Drilled: 4/54

Plugged: 8/86

**Stage collar @ 1,688'. Cemented w/
100 sx. Calculated TOC @ 1,155'**

**Jet cut 2 3/8" tbg. @ 2,640'
Set 30 sx. plug 2,378'-2,640'**

Calculated TOC @ 3,167'

**Perforate 2 3/8" tbg. @ 3,400'. Pump
100 sx. cement. Displace to 3,300'**

Perforations: 3,600'-3,740'

**7 7/8" Hole; 5 1/2" Csg. Set @ 3,967' 2 stage
cement job. 1st stage-150 sx @ casing shoe-
TOC calculated @ 3,167' 2nd stage-100 sx @
stage collar @ 1,688'-TOC calculated @ 1155'**

T.D. 4,045'

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	

IL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

30-025-08603

5a. Indicate Type of Lease	
State ☒	Fee ☐

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - I" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER		7. Unit Agreement Name
2. Name of Operator		8. Farm or Lease Name
J. R. Cone		Tract 1
3. Address of Operator		9. Well No.
P.O. Box 871, Lubbock, TX 79408		1
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER <u>I</u> , <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM		<u>Jalmat T-y-SR</u>
THE <u>East</u> LINE, SECTION <u>13</u> TOWNSHIP <u>22S</u> RANGE <u>35E</u> N.M.P.M.		
11. Elevation (Show whether LF, RT, GR, etc.)		12. County
		<u>Lea</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☒
OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Perf 2 3/8 TBG. 4 Holes @ 3400'. 100 SX Class "C" Plug. Displace to 3300'.
2. Jet cut 2 3/8 TBG @ 2640'. Mix & Pump 30 SX Plug 2640 to 2378.
3. Perf 5 1/2. 4 1/2 Holes @ 364'. Run & Set 5 1/2 Tension PKR @ 151.
4. Mix & Pump 60 SX Class "C". Displace to 250' W.O.C.
5. Tag Plus @ 244'.
6. 10 SX Plug @ Surf.
Install D.H. Marker.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Donald C. Carr TITLE Asst DATE 8-1-86

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

Gary W. Wink
TITLE
GARY W. WINK
OC FIELD REPRESENTATIVE II/STAFF MANAGER

FEB 25 2003

Cities Service Oil Company
Closson "B" No. 5
API No. 30-025-08953
660' FNL & 1980' FWL, Unit C
Section 18, T-22S, R-36E



25 Sx. 60' to surface



50 sx. 87'-215'



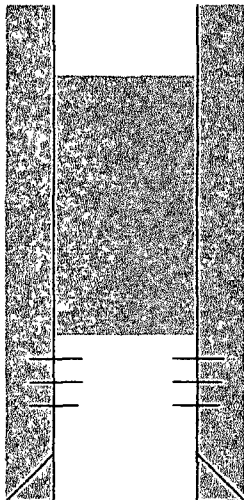
8 5/8" csg cut & pulled @ 226'
 Estimated TOC at csg. cut point.

Drilled: 10/40
Plugged: 12/50

12 1/4" Hole (Estimated) ; 8 5/8"
 Csg. Set @ 1,580'. Cemented w/
 600 Sx. Calculated TOC @ 180'.



50 sx. 1,508'-1,648'



5 1/2" csg. cut & pulled @ 3,246'
 Estimated TOC @ csg. cut point.

6/50: Well plugged back to
 3,350' w/ cement.

Perforations: 3,785'-3,816' (Well file
 indicated this to be the "pay zone")

7 7/8" Hole (Estimated); 5 1/2" Csg. Set @
 3,773' Cemented w/ 300 Sx. Calculated TOC
 @ 2,173'.

T.D. 3,840'

RECEIVED

(SUBMIT IN TRIPPLICATE)

AUG 15 1951

UNITED STATES

DEPARTMENT OF THE INTERIOR

HOBB'S OFFICE
GEOLOGICAL SURVEY

Land Office Las Cruces

Lease No. 030132-B

Unit Closson-B

COPY
DUPLICATE

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 21, 1950

Well No. 5 is located 650 ft. from N/S line and 1980 ft. from E/W line of sec. 18

N 1/4 Sec. 18
(1/4 Sec. and Sec. No.)

22S
(Twp.)

(Range)

36E NMPM
(Meridian)

South- Junice
(Field)

Lea
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 3607 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was drilled and completed November 16, 1940 in Seven Rivers producing horizon at 3816', plugged back to 3350' with cement and the hole loaded with mud. This well was plugged back in June, 1950. The 5 1/2" casing was shot off at 3246' and reclaimed approximately 3231' of same. The 8-5/8" casing was shot off at 226' and reclaimed approximately 211' of same. Ran 50 sax of cement at 1648' and got 140' of fill up. Ran 50 sax cement at 215' and got 128' of fill up. Ran 25 sax of cement at 60' and filled up into cellar. A 4' - 4" pipe, plugged on top, was left for a marker at the abandoned location. All surface equipment was reclaimed, cellar filled, location leveled and raked. Approval to plug this well was given June 23, 1950. Abandonment completed December 18, 1950.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

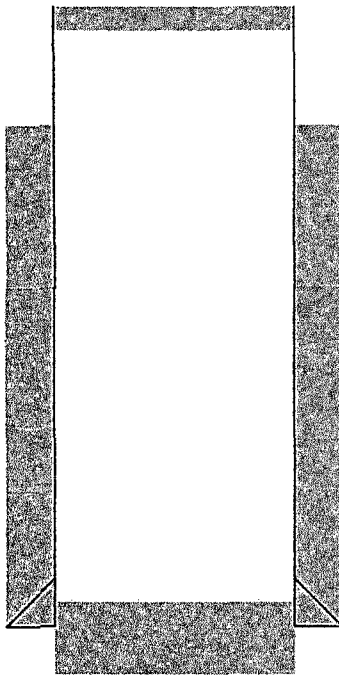
Company Cities Service Oil Company

Address Drawer G., Hobbs, New Mexico

By /s/ H. W. Ely

Title District Superintendent

Cities Service Oil Company
Closson "B" No. 1
API No. 30-025-08951
1980' FNL & 1980' FWL, Unit F
Section 18, T-22S, R-36E



10 sx. surface plug

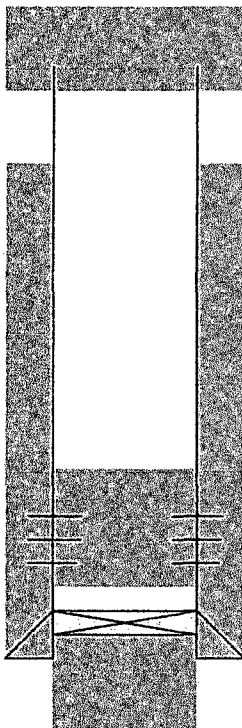
Calculated TOC @ 95'

Drilled: 5/40
Plugged: 5/57

12 1/4" Hole (Estimated) ; 8 5/8"
Csg. Set @ 1,662'. Cemented w/
700 Sx. Calculated TOC @ 95'

40 sx. @ 1,645'

Mud placed between plugs



5 1/2" csg. cut & pulled @ 2,500'
25 Sx. @ 2,524'

Calculated TOC @ 2,707'

37 sx. @ 3,680'

Perforations: 3,480'-3,675'

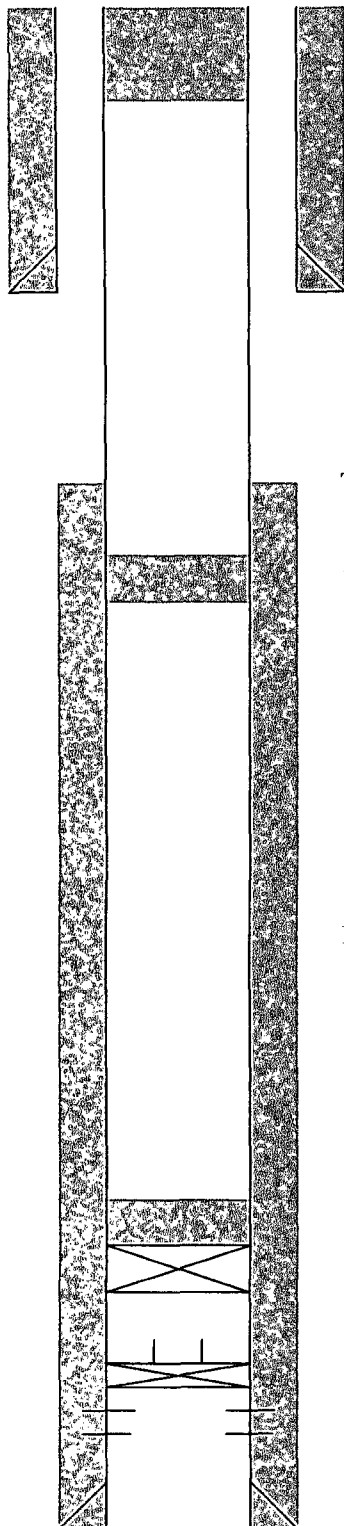
7 7/8" Hole (Estimated); 5 1/2" Csg. Set @
3,773' Cemented w/ 200 Sx. Calculated TOC
@ 2,707'

Cement retainer set @ 3,692' and 40 sx. cement
pumped to isolate lower pay zone 3,773'-3,840'

T.D. 3,840'

Melrose Operating Company
Form C-108; 23 Wells; JFYSU
PA Schematic-Closson "B" No. 1

Gulf Oil Corporation
JFYSU No. 146
API No. 30-025-08636
660' FNL & 1650' FEL, Unit B
Section 23, T-22S, R-35E



10 Sx. Cement. Surface-100'

**12 1/4" Hole; 8 5/8" Csg. Set @
335'. Cemented w/200 Sx.
Cement circulated to surface.**

Drilled: 2/57

Plugged: 6/74

TOC @ 1,590' by T.S.

15 Sx. 1,850'-2,000' across salt

Mud placed between plugs

**Set CIBP @ 3,778'. Spot 5
Sx. cement on top of CIBP**

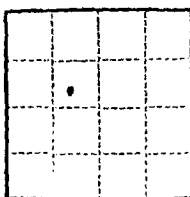
**Could not release packer. Cut & recovered 2 1/16"
Tbg. From 3,790'. Left 20' of tubing & packer in hole.**

Perforations: 3,850'-3,956'

**7 7/8" Hole; 5 1/2" Csg. Set @ 3,980'
Cemented w/ 240 Sx. Cmt. TOC @
1,590' by T.S.**

T.D. 3,981'

Melrose Operating Company
Form C-108; 23 Wells; JFYSU
PA Schematic-JFYSU No. 146



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las Cruces
Lease No. 03 112-3
Unit Closon #1
Office office oil o.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT ☒
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 1980 ft. from N line and 1980 ft. from W line of sec. 16
19 27
19 27
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Salut 1980 1980 1980
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3677 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Closon #1 No. 1 was drilled to 3540', P.D.T.L. 3690'. An 8" tubing to 3530', circulated hole with mud, spotted 37 sacks cement and pulled tubing. Shot off 5 1/2" casing at 3600' but it was not free. Shot again at 3500' and worked pipe free. Pulled #1 joints (2522.14') of 5 1/2" casing. Ran 8" tubing to 3520', spotted 23 sacks. Pulled tubing up to 1645', spotted 40 sacks of cement at base of 4-5/8" casing. Took strain on 4-5/8" casing but it was not free. Ran 10 sack cement plug in top of 4-5/8" casing. Plugging began 3-13-57 and was completed 3-14-57. The collar has been filled, the location cleaned up and a 4'-4" pipe was left for a marker at the abandoned location. Plugging operations were supervised by Mr. A. V. Tolson, 121 South Park Street, Hobbs, New Mexico (Las Comady Casing Fillers) and Mr. W. G. Haggins, Production Foreman, and Mr. J. L. Andrews, Assistant Production Foreman for Office Service Oil Company.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Citric Service Oil Company
Address Box 97
Hobbs, New Mexico
By [Signature]
Title District Superintendent

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No. 13137

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- <u>Water Injection Well</u> <u>Jalmat</u>	7. Unit Agreement Name <u>Field Yates Sand Unit</u>
2. Name of Operator <u>Gulf Oil Corporation</u>	8. Farm or Lease Name
3. Address of Operator <u>Box 670, Hobbs, New Mexico 88240</u>	9. Well No. <u>146</u>
4. Location of Well UNIT LETTER <u>R</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>23</u> TOWNSHIP <u>22-S</u> RANGE <u>35-E</u> NMPM.	10. Field and Pool, or Wildcat <u>Jalmat</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3593' GL</u>	12. County <u>Lea</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
OTHER ☐

Plugged and abandoned.

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

3981' TD, 3970' PB.

Could not release packer at 3810'. Cut and recovered 2-1/16" tubing from 3790', leaving 20' 2-1/16" tubing and Larkin packer in hole. Ran CI BP and set at 3778'. Loaded hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 15 sack cement plug from 2000' to 1850', across salt and 10 sack cement plug from 100' to surface. Installed dry hole Marker and cleaned location. Plugged and abandoned June 18, 1974

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED B. Barbary TITLE Area Engineer DATE June 18, 1974
APPROVED BY John W. Pumper TITLE Geologist DATE SEP 18 1974
CONDITIONS OF APPROVAL, IF ANY:

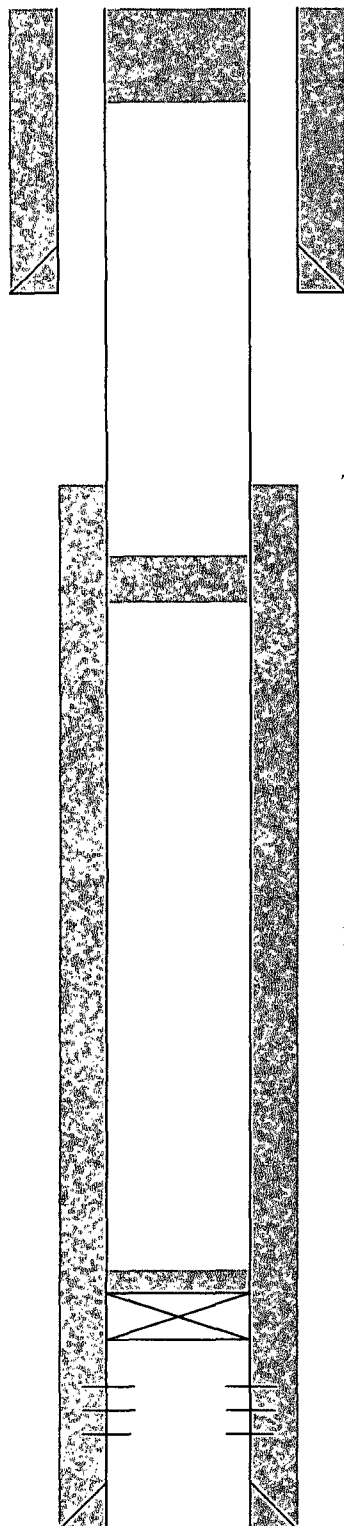
Gulf Oil Corporation

JFYSU No. 148

API No. 30-025-08635

1980' FNL & 330' FEL, Unit H

Section 23, T-22S, R-35E



10 Sx. Cement. Surface-100'

**12 1/4" Hole; 8 5/8" Csg. Set @
335'. Cemented w/175 Sx.
Cement circulated to surface.**

Drilled: 6/56

Plugged: 6/74

TOC @ 1,690' by T.S.

15 Sx. 1,850'-2,000' across salt

Mud placed between plugs

**CIBP @ 3,750'. Spot 5 Sx.
cement on top of CIBP**

Perforations: 3,810'-3,928'

**7 7/8" Hole; 5 1/2" Csg. Set @ 3,947'
Cemented w/ 305 Sx. Cmt. + 462 Cu. Ft. of
Diacel "D". TOC @ 1,690' by T.S.**

T.D. 3,948'

**Melrose Operating Company
Form C-108; 23 Wells; JFYSU
PA Schematic-JFYSU No. 148**

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. 13137
7. Unit Agreement Name Field Yates Sand Unit
8. Farm or Lease Name
9. Well No. 148
10. Field and Pool, or Wildcat Jalmat
12. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER- Water Injection Well	Jalmat
2. Name of Operator Gulf Oil Corporation	
3. Address of Operator Box 670, Hobbs, New Mexico 88240	
4. Location of Well UNIT LETTER H , 1980 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE, SECTION 23 TOWNSHIP 22-S RANGE 35-E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 3595' GL	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☐

Plugged and abandoned.

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1709.

3948' TD, 3938' PB.

Ran CI BP and set at 3750'. Loaded hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 15 sack cement plug from 2000' to 1850', across salt. Spotted 10 sack cement plug from 100' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned June 18, 1974.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>B. J. Anhalt</u>	TITLE <u>Area Engineer</u>	DATE <u>June 18, 1974</u>
APPROVED BY <u>John W. Remy</u>	TITLE <u>General</u>	DATE _____
CONDITION OF APPROVAL, IF ANY:		

The Superior Oil Company

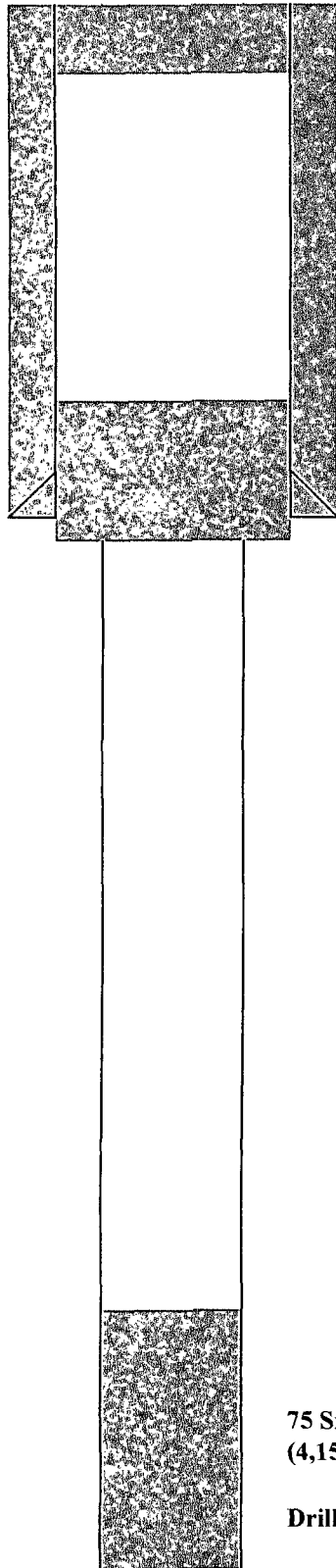
State-Nix No. 1

API No. 30-025-08638

660' FSL & 1980' FWL, Unit N
Section 23, T-22S, R-35E

Drilled: 4/53

Plugged: 5/53



10 Sx. Surface Plug

12 1/4" Hole; 9 5/8" Csg. Set @
1,882'. Cemented w/960 Sx.
Cement circulated to surface.

50 Sx. @ 1,900'
(1,742'-1,900' Calc.)

Well file indicated the
following formation tops:

Yates: 4,043'

Seven Rivers: 4,185'

Well was DST'd and tested dry in the
following intervals:

3,853'-3,894'

4,109'-4,165'

4,230'-4,259'

75 Sx. @ 4,395'
(4,158'-4,395' Calc.)

Drilled 8 3/4" hole to T.D.

T.D. 4,395'

Melrose Operating Company
Form C-108; 23 Wells; JFYU
PA Schematic -State Nix No. 1

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

1953

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

May 3, 1953

(Date)

Midland, Texas

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

The Superior Oil Company

(Company or Operator)

STATE-NIX

(Lease)

G & W Well Servicing Co.

(Contractor)

Well No. 1-23 in the SE 1/4 SW 1/4 of Sec. 23

T. 22N, R. 35E, NMPM, Wildcat Pool, Lea County.

May 2, 1953

The Dates of this work were as follows:

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on ---, 19---, (Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

A 75 Sack cement plug was spotted at T.D. - 4395'.

A 50 Sack cement plug was spotted at 1900'.

A 10 Sack cement plug was spotted at the surface, in 9-5/8" casing w/4" pipe sticking 4' above the surface of the ground.

Witnessed by H. O. Peterson The Superior Oil Company Drilling Superintendent
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

ROY YARBROUGH

(Name)

Oil & Gas Inspector

(Title)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name H. O. Peterson

Position District Drilling Superintendent

Representing The Superior Oil Company

Address Midland, Texas

JUL 20 1953

(Date)

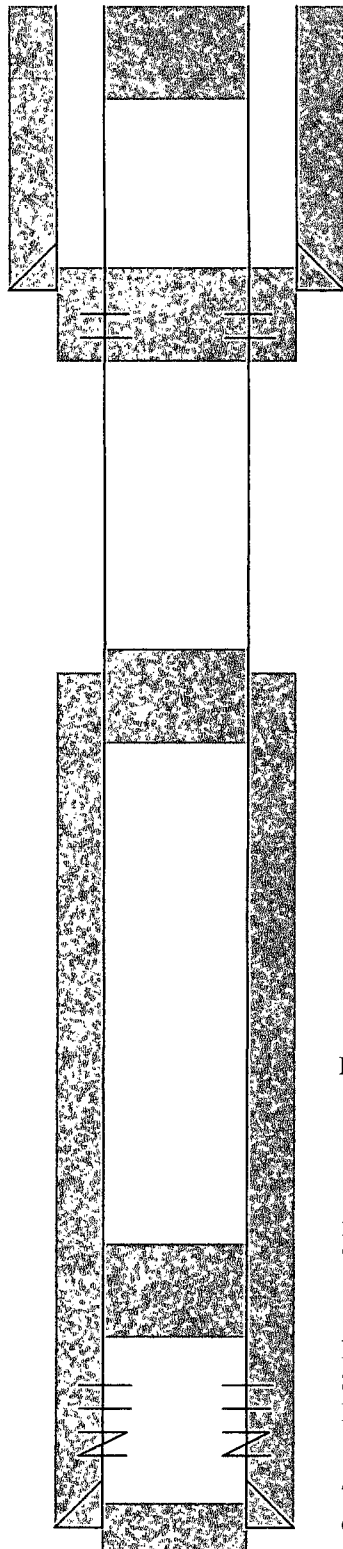
J. R. Cone

Cone Jalmat Yates Pool Unit Track 1 No. 12

API No. 30-025-20645

1815' FNL & 830' FWL, Unit E

Section 24, T-22S, R-35E



10 Sx. Surface plug.

**12 1/4" Hole; 8 5/8" Csg. Set @
320'. Cemented w/175 Sx.
Cement circulated to surface.**

**Perf. 5 1/2" csg. @ 370'. Set Pkr.
@ 252'. Pump 50 sx. Tag plug
@ 310'.**

**TOC @ 1,595' by Calc.
20 Sx. 1528'-1,702'**

Mud placed between plugs

**20 Sx. Cmt. 3,450'-3,755'
Tagged @ 3,450'**

**Perforations: 3,781'-3,937'
Squeezed w/ 200 Sx.
Re-perforated 3,781'-3,904'**

**7 7/8" Hole; 5 1/2" Csg. Set @ 3,996'
Cemented w/ 450 Sx. TOC @ 1,595' by Calc.**

P.B.T.D.-3,978'

T.D. 4,000'

Drilled: 8/64

Plugged: 8/86 ✓

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	

WATER CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator
J. R. Cone
3. Address of Operator
Box 871, Lubbock, Tx 79408
4. Location of Well
UNIT LETTER E 1850 FEET FROM THE North LINE AND 830 FEET FROM
THE West LINE, SECTION 24 TOWNSHIP 22-S RANGE 35-E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)
3602 GR; 3614 KB (datum).
7. Unit Agreement Name
Cone Jalmat Yates Pool Ur
8. Farm or Lease Name
Tract 1
9. Well No.
12
10. Field and Pool, or Wildcat
12. County
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 20 SX Plug 3755' to 3510'. Tag Plug @ 3450'.
- Displace 5½ w/10# Brine & Salt Jel Mud.
- 20 SX Plug 1702 to 1528
- Perf. 5½--4-½ Holes @ 370'.
- Run & Set 5½ Tension PKR @ 252'. Mix & Pump 50 SX Class "C". Displace to 300'. Tag Plug @ 310'
- 10 SX Plug @ Surf.
Install D. H. Marker.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Leonard Crist TITLE Geist DATE 8-1-86

APPROVED BY R. P. H. H. H. OIL & GAS INSPECTOR DATE SEP 10 1987

CONDITIONS OF APPROVAL, IF ANY:

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 22S Range: 35E Sections: 10,11,12,13,14,15,22,23,24

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 02/16/2009

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	22S	35E	14				1	185	185	185

Record Count: 1

Melrose Operating Company
Form C-108; 23 Wells; JFYSU
State Engineer-Fresh Water Data

Analytical Laboratory Report for:

**MELROSE OPERATING
COMPANY**BJ Unichem
Chemical Services

UNICHEM Representative: Hanson, Levell

Production Water Analysis

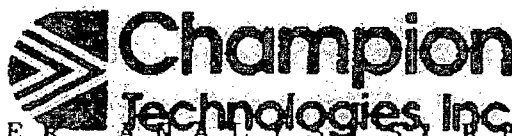
Listed below please find water analysis report from: Jalmat Sand Unit, IPD

Lab Test No: 2003144500 Sample Date: 11/03/2003
Specific Gravity: 1.054
TDS: 80968 ✓
pH: 7.50

Cations:	mg/L	as:
Calcium	2860	(Ca ⁺⁺)
Magnesium	3086	(Mg ⁺⁺)
Sodium	27413	(Na ⁺)
Iron	0.00	(Fe ⁺⁺)
Barium	2.40	(Ba ⁺⁺)
Strontium	58.30	(Sr ⁺⁺)
Manganese	1.04	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	708	(HCO ₃ ⁻)
Sulfate	1650	(SO ₄ ⁻)
Chloride	45200	(Cl ⁻)
Gases:		
Carbon Dioxide	60	(CO ₂)
Hydrogen Sulfide	68	(H ₂ S)

Melrose Operating Company
Form C-108; 23 Wells; JFYU
Produced Water Analysis

P.O. BOX 2187
HOBBS, N.M. 88240



PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: John Pool
cc: Chuck Morgan
cc: Cam Robbins
cc:
Company: SDX Resources, Inc.
Address:
Service Engineer: John Cornwell

Date sampled: 02/23/95
Date reported: 03/01/95
Lease or well #: JalMat #113
County: State:
Formation:
Depth:
Submitted by: John Cornwell

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	4000	113
Iron (Fe) (total)	1.0	
Total hardness	1500	
Calcium (Ca)	320	16
Magnesium (Mg)	170	14
Bicarbonates (HCO3)	414	7
Carbonates (CO3)	0	
Sulfates (SO4)	540	11
Hydrogen sulfide (H2S)	0	
Carbon dioxide (CO2)	0	
Sodium (Na)	2327	101
Total dissolved solids	7773	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.005
Density (#/gal.) 8.375
pH 7.080
IONIC STRENGTH 0.15

Stiff-Davis (CaCO3) Stability Index :
 $SI = pH - pCa - pAlk - K$

SI @ 86 F = +0.20
104 F = +0.42
122 F = +0.66
140 F = +0.91
158 F = +1.18

This water is 2406 mg/l (-79.35%) under ITS CALCULATED
CaSO4 saturation value at 82 F.
SATURATION= 2032 mg/L PRESENT= 626 mg/L

REPORTED BY JOY DUNCAN

LAB TECHNICIAN

Melrose Operating Company
Form C-108; 23 Wells; JFYU
Fresh Water Analysis

Form C-108

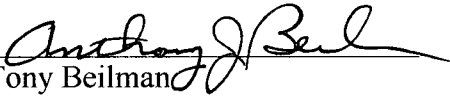
Affirmative Statement

Melrose Operating Company

Jalmat Field Yates Sand Unit Wells No. 132, 134, 136, 137, 138, 139, 140, 142, 143,
144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247

Sections 13, 14 & 23, T-22 South, R-35 East, NMPM,
Lea County, New Mexico

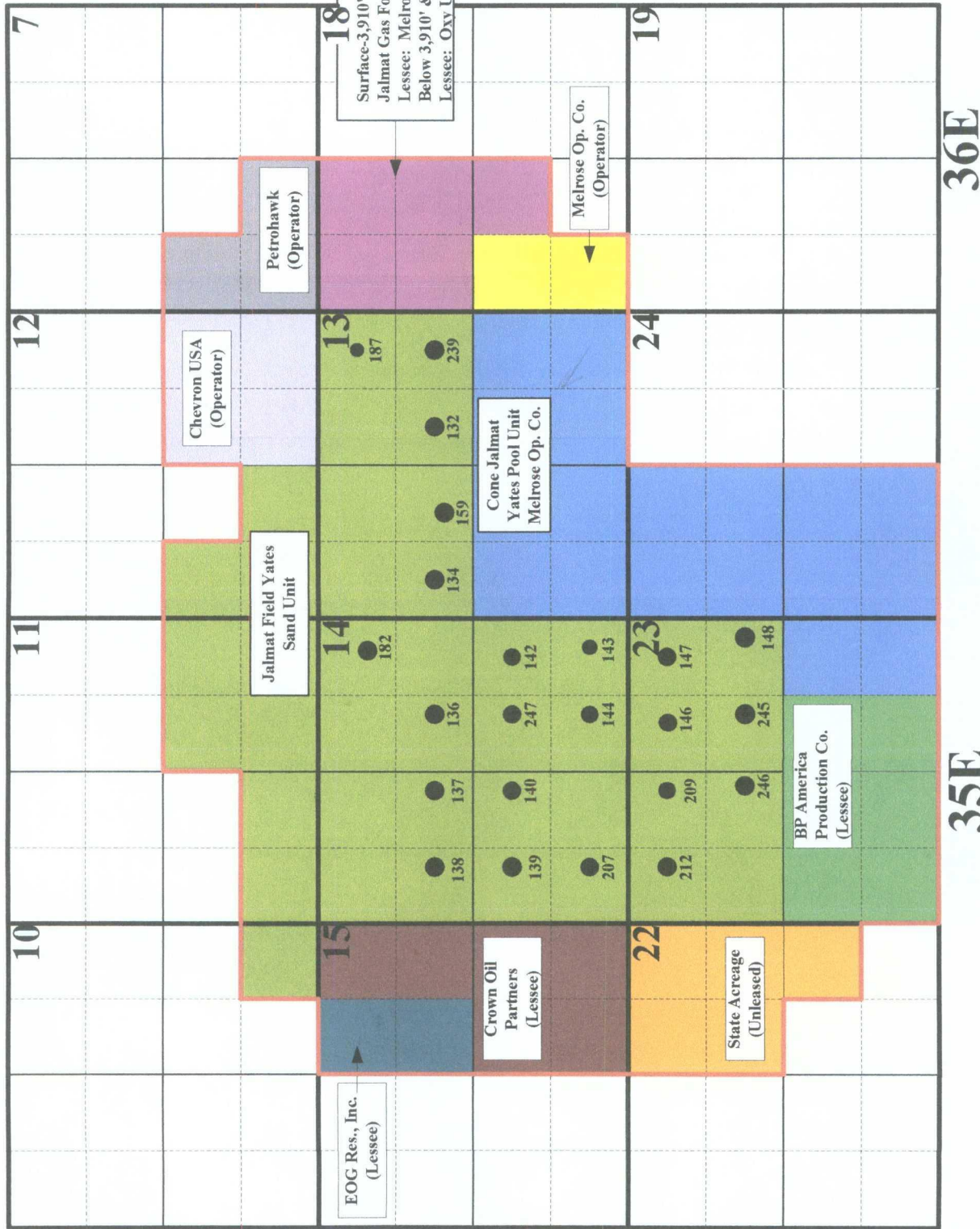
Available geologic and engineering data has been examined and no evidence of open faults or hydrological connection between the injection zone and any underground sources of drinking water has been found.


Tony Beilman

Operations Manager

Melrose Operating Company

3/18/09
Date



Melrose Operating Company
Form C-108; 23 Wells; JFYSU
Offset Operator/Leasehold
Owner Identification

C-108 Notice Area

Melrose Operating Company
Form C-108: JFYSU Wells No. 132, 134, 136, 137, 138, 139, 140, 142, 143, 144,
146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247
Sections 13, 14 & 23, T-22S, R-35 East, NMPM, Lea County, New Mexico

Offset Operator/Leasehold Owner Notification List

SE/4 of Section 12, T-22S, R-35E
State Lease No. B-1327-2:

✓ Chevron USA, Inc. (Leasehold Owner)
11111 S. Wilcrest
Houston, Texas 77099

W/2 SW/4 & SE/4 SW/4 of Section 7,
T-22S, R-36E

✓ Petrohawk Operating Company (Operator)
1100 Louisiana, Suite 4400
Houston, Texas 77002

Lots 1 & 2, E/2 NW/4, NE/4 SW/4 of
Section 18, T-22S, R-36E
Federal Lease No. LC-030132

Applicant
✓ Surface-3,910' (Save & except Jalmat Gas Formation)
Melrose Energy Company (Leasehold Owner)
1000 W. Wilshire, Suite 223
Oklahoma City, Oklahoma 73116

✓ Below 3,910' & Jalmat Gas Formation
Oxy USA WTP L.P. (Leasehold Owner)
P.O. Box 4294
Houston, Texas 77210-4294

SW/4 & W/2 SE/4 of Section 23,
T-22S, R-35E;
State Lease No. E-8322-1

✓ BP America Production Company (Leasehold Owner)
P.O. Box 22048
Tulsa, Oklahoma 74121

NE/4 & NE/4 SE/4 of Section 22,
T-22S, R-35E:
(Unleased Acreage)

✓ New Mexico State Land Office
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

E/2 NE/4 & SE/4 of Section 15,
T-22S, R-35E
State Lease No. VC-22

✓ Crown Oil Partners III, LP (Leasehold Owner)
P.O. Box 50820
Midland, Texas 79710

W/2 NE/4 of Section 15, T-22S, R-35E
State Lease E-6019-4

✓ EOG Resources, Inc. (Leasehold Owner)
P. O. Box 2267
Midland, Texas 79702-2267

Surface Owner

✓ Merchants Livestock Company
P.O. Box 1166
Carlsbad, New Mexico 88220

Additional Notice

Oil Conservation Division (Hobbs Office)
1625 N. French Drive
Hobbs, New Mexico 88240

March 19, 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: OFFSET LEASEHOLD OPERATORS & SURFACE OWNER

Re: Melrose Operating Company
Form C-108 (Application for Authorization to Inject)
Jalmat Field Yates Sand Unit Wells No. 132, 134, 136, 137, 138, 139, 140, 142,
143, 144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247
Jalmat Field Yates Sand Unit Waterflood Project
Sections 13, 14 & 23, T-22 South, R-35 East, NMPM,
Lea County, New Mexico

Ladies & Gentlemen:

Enclosed please find a copy of Oil Conservation Division Form C-108 (Application for Authorization to Inject) for the Melrose Operating Company Jalmat Field Yates Sand Unit Wells No. 132, 134, 136, 137, 138, 139, 140, 142, 143, 144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247 located in Sections 13, 14 and 23, T-22 South, R-35 East, NMPM, Lea County, New Mexico. You are being provided a copy of the application as an offset operator, offset leaseholder or surface owner. The proposed expansion of the Jalmat Field Yates Sand Unit Waterflood Project will allow the completion of an efficient injection/production pattern within the Unit Area.

Objections must be filed with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days.

If you should have any questions, please contact me at (469) 721-2046.

Sincerely,



Tony Beilman
Operations Manager
Melrose Operating Company
1000 W. Wilshire
Suite 223
Oklahoma City, Oklahoma 73116

Enclosure

Form C-108
Melrose Operating Company
Jalmat Field Yates Sand Unit Wells No. 132, 134, 136, 137, 138, 139, 140, 142, 143,
144, 146, 147, 148, 159, 182, 187, 207, 209, 212, 239, 245, 246 and 247
Sections 13, 14 and 23, T-22 South, R-35 East, NMPM,
Lea County, New Mexico

Legal notice will be published on in the:

*Hobbs News Sun
201 N. Thorp
Hobbs, New Mexico 88240*

A copy of the legal advertisement will be forwarded to the Division upon publication.

Melrose Operating Company, 1000 W. Wilshire, Suite 223, Oklahoma City, Oklahoma 73116 has filed a Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division seeking administrative approval to convert the following-described wells to waterflood injection wells within the Jalmat Field Yates Sand Unit Waterflood Project, Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool, Lea County, New Mexico:

JFYSU Well No. 132	1980' FNL & 1983' FEL (Unit G) Section 13, T-22S, R-35E Injection Interval: 3,748'-3,878' Tansill-Yates-Seven Rivers
JFYSU Well No. 134	1980' FNL & 660' FWL (Unit E) Section 13, T-22S, R-35E Injection Interval: 3,773'-3,915' Tansill-Yates-Seven Rivers
JFYSU Well No. 136	1980' FNL & 1650' FEL (Unit G) Section 14, T-22S, R-35E Injection Interval: 3,833'-3,951' Tansill-Yates-Seven Rivers
JFYSU Well No. 137	1980' FNL & 2360' FWL (Unit F) Section 14, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 138	2030' FNL & 990' FWL (Unit E) Section 14, T-22S, R-35E Injection Interval: 3,857'-4,048' Tansill-Yates-Seven Rivers
JFYSU Well No. 139	1980' FSL & 990' FWL (Unit L) Section 14, T-22S, R-35E Injection Interval: 3,883'-4,040' Tansill-Yates-Seven Rivers
JFYSU Well No. 140	1980' FSL & 2361' FWL (Unit K) Section 14, T-22S, R-35E Injection Interval: 3,866'-4,036' Tansill-Yates-Seven Rivers
JFYSU Well No. 142	1980' FSL & 600' FEL (Unit I) Section 14, T-22S, R-35E Injection Interval: 3,818'-3,992' Tansill-Yates-Seven Rivers
JFYSU Well No. 143	660' FSL & 575' FEL (Unit P) Section 14, T-22S, R-35E Injection Interval: 3,814'-4,044' Tansill-Yates-Seven Rivers
JFYSU Well No. 144	660' FSL & 1650' FEL (Unit O) Section 14, T-22S, R-35E Injection Interval: 3,852'-3,960' Tansill-Yates-Seven Rivers
JFYSU Well No. 146	660' FNL & 1700' FEL (Unit B) Section 23, T-22S, R-35E Injection Interval: 3,828'-4,018' Tansill-Yates-Seven Rivers

JFYSU Well No. 147	660' FNL & 660' FEL (Unit A) Section 23, T-22S, R-35E Injection Interval: 3,816'-3,928' Tansill-Yates-Seven Rivers
JFYSU Well No. 148	1940' FNL & 362' FEL (Unit H) Section 23, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 159	2026' FNL & 1860' FWL (Unit F) Section 13, T-22S, R-35E Injection Interval: 3,768'-3,952' Tansill-Yates-Seven Rivers
JFYSU Well No. 182	790' FNL & 521' FEL (Unit A) Section 14, T-22S, R-35E Injection Interval: 3,804'-3,962' Tansill-Yates-Seven Rivers
JFYSU Well No. 187	700' FNL & 640' FEL (Unit A) Section 13, T-22S, R-35E Injection Interval: 3,610'-3,700' Tansill-Yates-Seven Rivers
JFYSU Well No. 207	660' FSL & 990' FWL (Unit M) Section 14, T-22S, R-35E Injection Interval: 3,964'-4,074' Tansill-Yates-Seven Rivers
JFYSU Well No. 209	660' FNL & 2310' FWL (Unit C) Section 23, T-22S, R-35E Injection Interval: 3,898'-4,040' Tansill-Yates-Seven Rivers
JFYSU Well No. 212	660' FNL & 990' FWL (Unit D) Section 23, T-22S, R-35E Injection Interval: 3,962'-4,028' Tansill-Yates-Seven Rivers
JFYSU Well No. 239	2000' FNL & 665' FEL (Unit H) Section 13, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 245	1940' FNL & 1650' FEL (Unit G) Section 23, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 246	2022' FNL & 2310' FWL (Unit F) Section 23, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 247	1950' FSL & 1711' FEL (Unit J) Section 14, T-22S, R-35E Injection Interval: 3,815'-4,040' Tansill-Yates-Seven Rivers

Produced water from the Jalmat Oil & Gas Pool and source water from the Santa Rosa formation will be injected into the wells at average and maximum rates of 500 and 1,500 barrels of water per day, respectively. The average and maximum surface injection pressure for each well is anticipated to be 1,132 psi and 2,000 psi, respectively.

Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 S. St Francis Drive, Santa Fe, New Mexico 87505, within 15 days of the date of this publication.

Additional information can be obtained by contacting Mr. Tony Beilman, Operations Manager, Melrose Operating Company, at (469) 721-2046.

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For delivery information visit our website at www.usps.com

HOUSTON TX 77099

Postage	\$ 4.95
Certified Fee	\$2.70
Return Receipt Fee (Endorsement Required)	\$2.20
Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 9.85

Sent To: *Chevron USA, Inc.*
 Street, Apt. No., or PO Box No.: *11111 S. Wilcrest*
 City, State, ZIP+4: *Houston, Texas 77099*

PS Form 3800, August 2006 See Reverse for Instructions

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Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 7.77

Sent To: *Petrohawk Operating Company*
 Street, Apt. No., or PO Box No.: *1100 Louisiana Street 4400*
 City, State, ZIP+4: *Houston, Texas 77002*

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Restricted Delivery Fee (Endorsement Required)	\$0.00
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Sent To: *BP America Production Company*
 Street, Apt. No., or PO Box No.: *P.O. Box 22048*
 City, State, ZIP+4: *Tulsa, Oklahoma 74121*

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Total Postage & Fees	\$ 7.77

Sent To: *OKY USA WTP, L.P.*
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 City, State, ZIP+4: *HOUSTON, TEXAS 77210-4294*

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Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 7.77

Sent To: *Crown Oil Partners III, L.P.*
 Street, Apt. No., or PO Box No.: *P.O. Box 50820*
 City, State, ZIP+4: *Midland, Texas 79710*

PS Form 3800, August 2006 See Reverse for Instructions

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SANTA FE NM 87504

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Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 7.77

Sent To: *New Mexico State Land Office*
 Street, Apt. No., or PO Box No.: *P.O. Box 1148*
 City, State, ZIP+4: *Santa Fe, New Mexico 87504-1148*

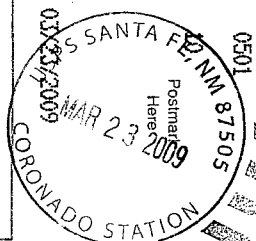
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Return Receipt Fee (Endorsement Required)		\$2.20
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$7.77



Sent to: **EOG Resources, Inc.**
 Street, Apt. No.:
 or PO Box No.: **P.O. Box 2267**
 City, State, ZIP+4[®]: **Midland, Texas 79703-2267**
 PS Form 3800, August 2006 See Reverse for Instructions

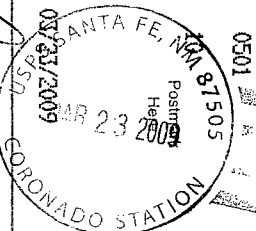
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Return Receipt Fee (Endorsement Required)		\$2.20
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$7.77



Sent to: **Merchants Livestock Company**
 Street, Apt. No.:
 or PO Box No.: **P.O. Box 1166**
 City, State, ZIP+4[®]: **Las Alamos, New Mexico 88320**
 PS Form 3800, August 2006 See Reverse for Instructions