

DATE IN 1/7/09	SUSPENSE	ENGINEER W. Jones	LOGGED IN 1/7/09	TYPE WFX	APPROVAL PKAA0900752475
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ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED
NEW MEXICO OIL CONSERVATION DIVISION
Engineering Bureau -
2009 JAN 7 AM 11:16
1220 South St. Francis Drive, Santa Fe, NM 87505

RECEIVED
JAMAT YATES SAND
2009 JAN 7 AM 11:16
Melrose Op. Co. 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]

[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

[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

T. Beilman
Signature

Operations Manager
Title

12/31/08
Date

trinityengineering@sbcglobal.net
E-Mail Address

January 13, 2009

RECEIVED

2009 JAN 15 PM 1 12

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

Re: Form C-108
Melrose Operating Company
17 Wells-Jalmat Field Yates Sand Unit WF Project
Sections 2, 11 & 12, T-22 South, R-35 East, NMPM,
Lea County, New Mexico

Dear Mr. Fesmire,

Enclosed please find the affidavit of publication for the waterflood expansion application filed for Melrose Operating Company on January 7, 2009.

If you have any questions, please contact me at (505) 690-9453.

Regards,



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
January 09, 2009
and ending with the issue dated
January 09, 2009

Kathi Bearden

PUBLISHER

Sworn and subscribed to before me
this 9th day of
January, 2009

Dora Montz

Notary Public

My commission expires
February 07, 2009
(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

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

JANUARY 9, 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. 106	660' FNL & 1650' FWL (Unit C) Section 11, T-22S, R-35E Injection Interval: 3,874'-4,035' Tansill-Yates-Seven Rivers
JFYSU Well No. 107	627' FNL & 2375' FEL (Unit B) Section 11, T-22S, R-35E Injection Interval: 3,850'-4,075' Tansill-Yates-Seven Rivers
JFYSU Well No. 167	990' FNL & 330' FEL (Unit A) Section 11, T-22S, R-35E Injection Interval: 3,806'-3,913' Tansill-Yates-Seven Rivers
JFYSU Well No. 168	620' FSL & 723' FWL (Unit M) Section 12, T-22S, R-35E Injection Interval: 3,808'-4,098' Tansill-Yates-Seven Rivers
JFYSU Well No. 178	528' FSL & 1869' FWL (Unit N) Section 12, T-22S, R-35E Injection Interval: 3,724'-3,852' Tansill-Yates-Seven Rivers
JFYSU Well No. 223	662' FSL & 1810' FEL (Unit O) Section 11, T-22S, R-35E Injection Interval: 3,854'-3,997' Tansill-Yates-Seven Rivers
JFYSU Well No. 224	681' FSL & 631' FEL (Unit P) Section 11, T-22S, R-35E Injection Interval: 3,832'-3,972' Tansill-Yates-Seven Rivers
JFYSU Well No. 233	688' FSL & 2375' FEL (Unit O) Section 2, T-22S, R-35E Injection Interval: 3,811'-4,034' Tansill-Yates-Seven Rivers
JFYSU Well No. 234	688' FSL & 1060' FEL (Unit P) Section 2, T-22S, R-35E Injection Interval: 3,818'-3,992' Tansill-Yates-Seven Rivers
JFYSU Well No. 235	627' FNL & 1060' FEL (Unit A) Section 11, T-22S, R-35E Injection Interval: 3,808'-4,098' Tansill-Yates-Seven Rivers
JFYSU Well No. 236	1980' FNL & 990' FWL (Unit E) Section 12, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 237	1980' FSL & 990' FWL (Unit L) Section 12, T-22S, R-35E Injection Interval: 3,806'-4,072' Tansill-Yates-Seven Rivers
JFYSU Well No. 240	688' FSL & 1625' FWL (Unit N) Section 2, T-22S, R-35E Injection Interval: 3,834'-4,041' Tansill-Yates-Seven Rivers
JFYSU Well No. 241	720' FSL & 345' FWL (Unit M) Section 2, T-22S, R-35E Injection Interval: 3,835'-4,052' Tansill-Yates-Seven Rivers
JFYSU Well No. 242	625' FNL & 375' FWL (Unit D) Section 11, T-22S, R-35E Injection Interval: 3,795'-3,890' Tansill-Yates-Seven Rivers
JFYSU Well No. 243	1980' FNL & 330' FWL (Unit E) Section 11, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 249	2030' FSL & 330' FEL (Unit I) Section 11, T-22S, R-35E Injection Interval: 3,700'-4,200' 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.

#24642

02108664

00023791

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

January 2, 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

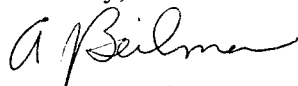
Re: Form C-108
Melrose Operating Company
Jalmat Field Yates Sand Unit Wells No. 106, 107, 167, 168, 178, 223, 224, 233,
234, 235, 236, 237, 240, 241, 242, 243 and 249
Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool
Lea County, New Mexico

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, and WFX-843 dated November 18, 2008 have permitted additional injection wells within the Unit Area. Melrose Operating Company proposes to convert the Jalmat Field Yates Sand Unit Wells No. 106, 107, 167, 168, 178, 223, 224, 233, 234, 235, 236, 237, 240, 241, 242, 243 and 249 to injection in order to complete an efficient production/injection pattern within the Unit Area. These wells are located in Sections 2, 11 and 12, 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.

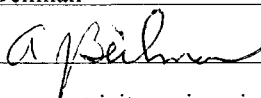
Sincerely,



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 and 843)
- 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: 12/31/08
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 & 10/18/2008 (WFX-841 & WFX-843)
- 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.

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. 106, 107, 167, 168, 178, 223, 224,
233, 234, 235, 236, 237, 240, 241, 242, 243 and 249
Sections 2, 11 and 12, T-22S, R-35E, NMPM
Lea County, New Mexico

- I. The purpose of the application is to request approval to convert seventeen (17) 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. 236, 243 and 249. These wells will be drilled in the near future**
- 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) and WFX-843 (11/18/2008) 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 and 10/18/2008 (WFX-841 and 843) 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%).**

- 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.

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 106

WELL LOCATION: 660' FNL & 1650' FWL
FOOTAGE LOCATION

C
UNIT LETTER SECTION TOWNSHIP RANGE
11 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" @ 336'

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: 5 1/2" @ 4,039'

Cemented with: 268 Sx. or ft³

Top of Cement: 1,490' Method Determined: T.S.

Total Depth: 4,040'

Injection Interval

Perforated Interval - 3,874' - 4,035'

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: 3,774' 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.

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.

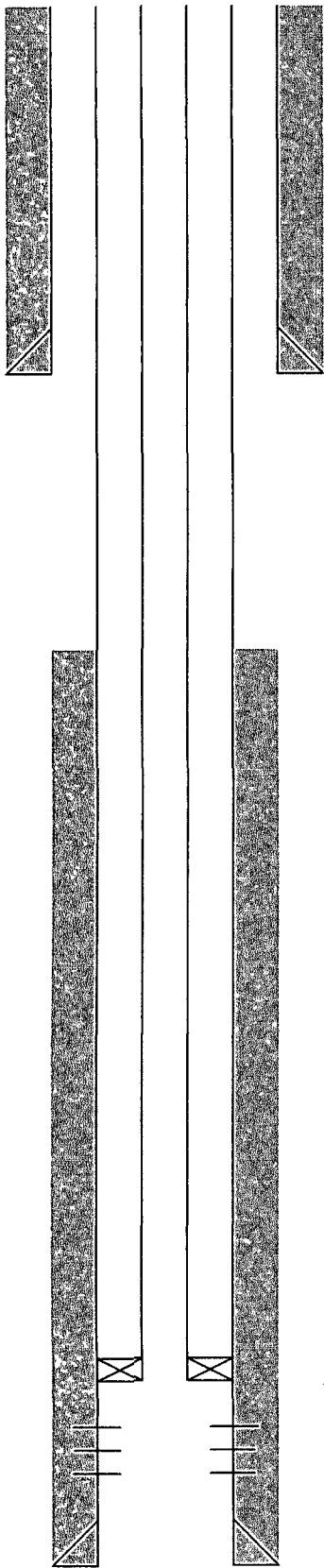
None

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 11, 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. 106
API No. 30-025-08595
660' FNL & 1650' FWL (Unit C)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: June, 1958



12 1/4" Hole; Set 8 5/8" 22.7# J55 Csg.
@ 336' Cemented w/ 200 Sx. Cement
circulated to surface.

TOC @ 1,490' by T.S.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,774'

Injection Perforations: 3,874'-4,035'

7 7/8" Hole; Set 5 1/2" 15.5# J55 Csg. @ 4,039'.
Cemented w/268 Sx. TOC @ 1,490' by T.S.

T.D. 4,040'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 107

WELL LOCATION: 627' FNL & 2375' FEL
FOOTAGE LOCATION

UNIT LETTER B SECTION 11 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: 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" @ 4,177'

Cemented with: 1175 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,185'

Injection Interval

Perforated Interval -3,850' -4,075'

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: 3,750' 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 is 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.

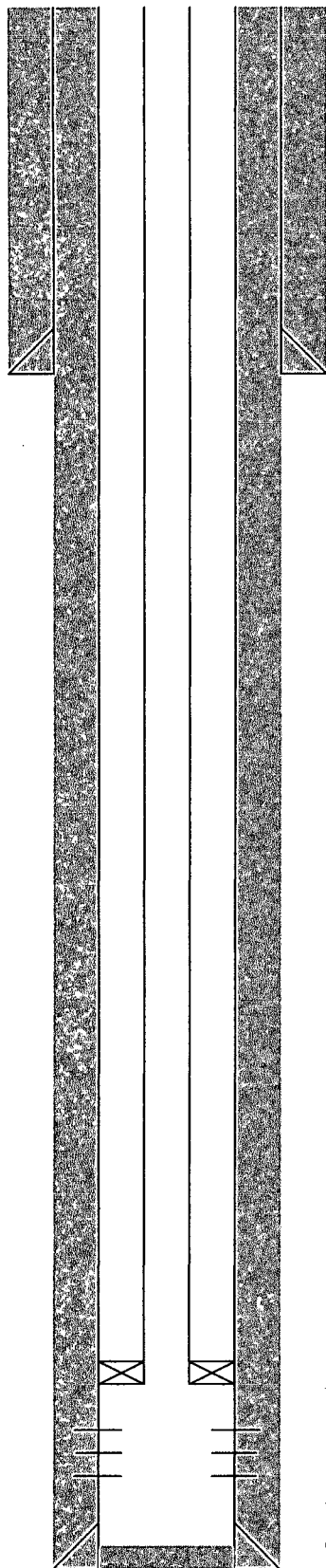
None

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 11, 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. 107
API No. 30-025-38921
627' FNL & 2375' FEL (Unit B)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: August, 2008



12 1/4" Hole; Set 8 5/8" 24# J55 Csg. @ 415'
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 @ 3,750'

Injection Perforations: 3,850'-4,075'

7 7/8" Hole; Set 5 1/2" 15.5# J55 Csg. @ 4,177'.
Cemented w/ 1175 Sx. Class C. Cement
circulated to surface.

T.D. 4,185'
P.B.T.D. 4,140'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 167

WELL LOCATION: 990' FNL & 330' FEL

FOOTAGE LOCATION

A

UNIT LETTER

11

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" @ 407'

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" @ 3,999'

Cemented with: 800 Sx.

or ft³

Top of Cement: Surface

Method Determined: Calculated

Total Depth: 4,000'

Injection Interval

Perforated Interval - 3,806' - 3,913'

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: 3,706' 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 July 1997.

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.

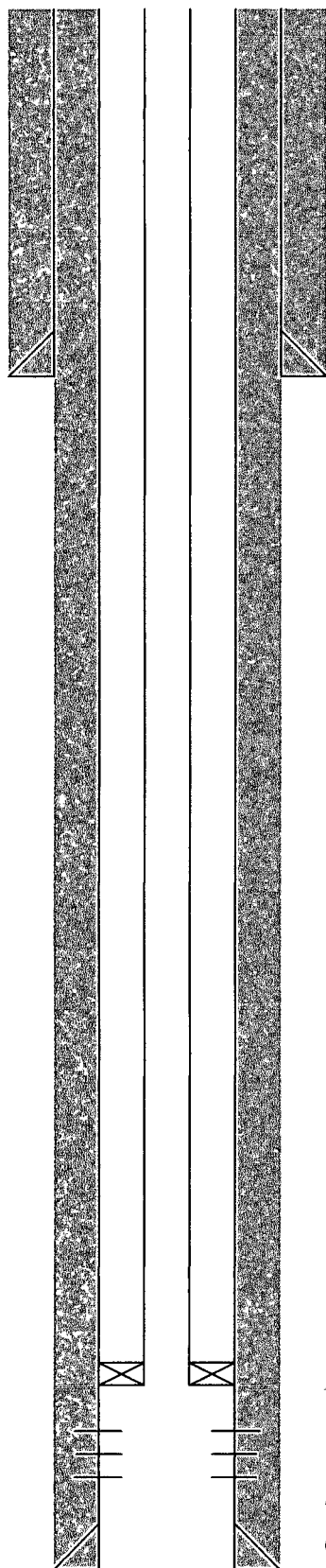
None

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 11, 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. 167
API No. 30-025-33679
990' FNL & 330' FEL (Unit A)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: July, 1997



12 1/4" Hole; Set 8 5/8" 24# J55 Csg. @ 407'
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 @ 3,706'

Injection Perforations: 3,806'-3,913'

7 7/8" Hole; Set 5 1/2" 14# J55 Csg. @ 3,999'.
Cemented w/ 800 Sx. Class C. Cement
circulated to surface.

T.D. 4,000'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 168

WELL LOCATION: 620' FSL & 723' FWL
FOOTAGE LOCATION

M 12 22 South 35 East
UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 410'

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" @ 4,160'

Cemented with: 950 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,175'

Injection Interval

Perforated Interval - 3,808' - 4,098'

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: 3,708' 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 is 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.

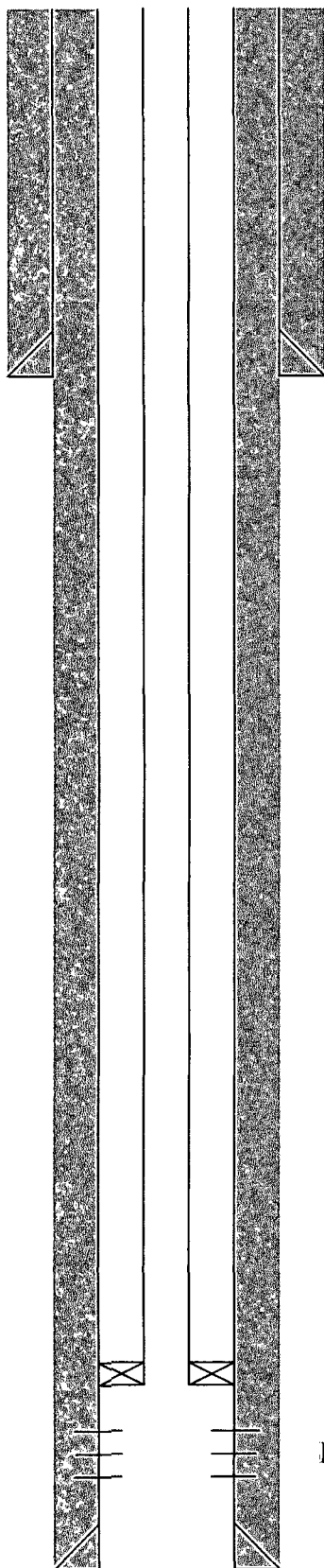
None

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 12, 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. 168
API No. 30-025-38923
620' FSL & 723' FWL (Unit M)
Section 12, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: September, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 410'
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 @ 3,708'

Injection Perforations: 3,808'-4,098'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,160'
Cemented w/ 950 Sx. Class C. Cement
circulated to surface.

T.D. 4,175'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 178

WELL LOCATION: 528' FSL & 1869' FWL
FOOTAGE LOCATION

UNIT LETTER N SECTION 12 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" @ 413'

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" @ 4,178'

Cemented with: 800 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,180'

Injection Interval

Perforated Interval - 3,724' - 3,852'

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: 3,624' 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 is 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.

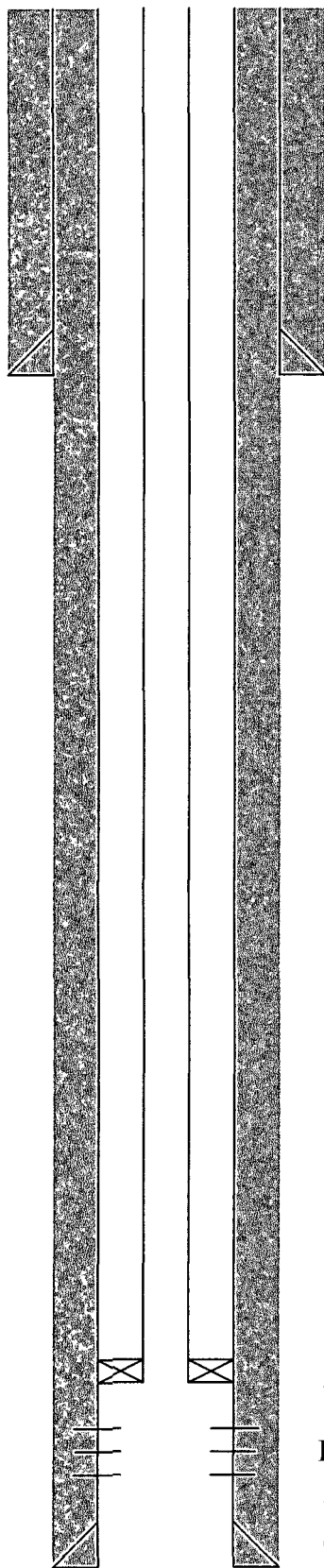
None

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 12, 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. 178
API No. 30-025-38924
528' FSL & 1869' FWL (Unit N)
Section 12, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: September, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 413'
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 @ 3,624'

Injection Perforations: 3,724'-3,852'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,178'
Cemented w/ 800 Sx. Class C. Cement
circulated to surface.

T.D. 4,180'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 223

WELL LOCATION: 662' FSL & 1810' FEL
FOOTAGE LOCATION

O 11 22 South 35 East
UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 405'

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" @ 4,175'

Cemented with: 810 Sx. or ft³

Top of Cement: Surface Method Determined: Calculated

Total Depth: 4,175'

Injection Interval

Perforated Interval - 3,854' - 3,997'

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: 3,754' 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, 2006.

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.

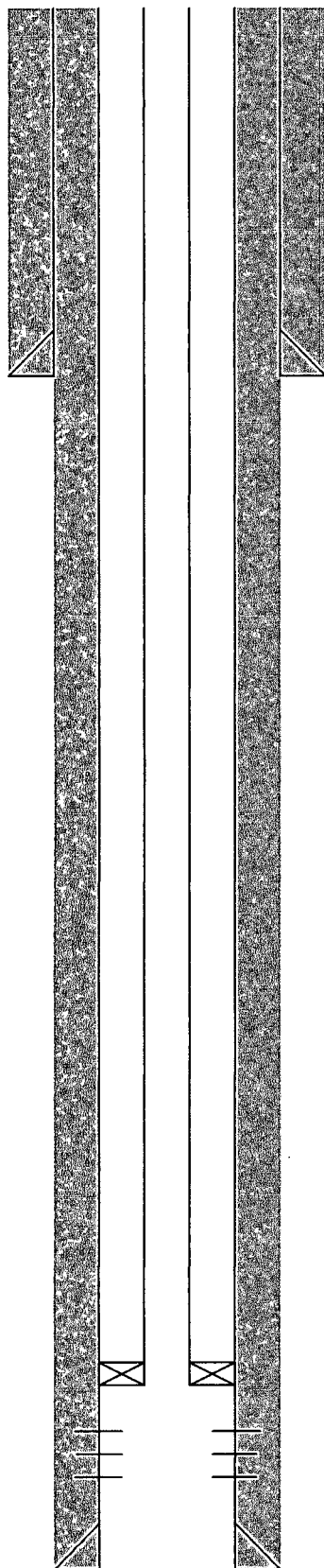
None

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 11, 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. 223
API No. 30-025-37492
662' FSL & 1810' FEL (Unit O)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: January, 2006



12 1/4" Hole; Set 8 5/8" 24# J55 Csg. @ 405'
Cemented w/ 300 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,754'

Injection Perforations: 3,854'-3,997'

7 7/8" Hole; Set 5 1/2" 15.5# J55 Csg. @ 4,175'.
Cemented w/ 810 Sx. Class C. TOC @ surface
by calculation.

T.D. 4,175'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 224

WELL LOCATION: 681' FSL & 631' FEL

UNIT LETTER P SECTION 11 TOWNSHIP 22 South RANGE 35 East
FOOTAGE LOCATION

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 405'

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" @ 4,150'

Cemented with: 710 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,150'

Injection Interval

Perforated Interval - 3,832' - 3,972'

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: 3,732' 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, 2006.

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.

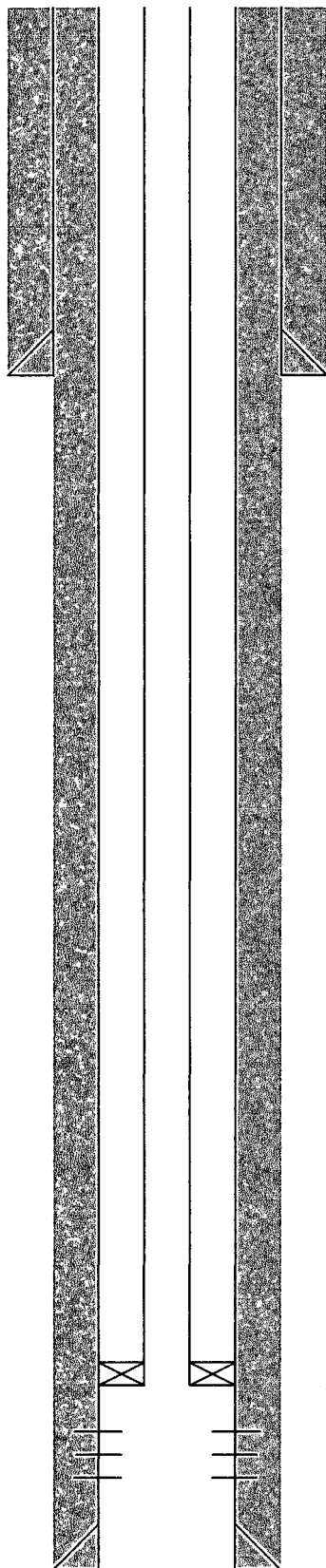
None

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 11, 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. 224
API No. 30-025-37498
681' FSL & 631' FEL (Unit P)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: January, 2006



12 1/4" Hole; Set 8 5/8" 24# J55 Csg. @ 405'
Cemented w/ 300 Sx. Class C. Cement
circulated to surface.

2 3/8" Duo-lined tubing set in a Baker
AD-1 (IPC) Tension Packer @ 3,732'

Injection Perforations: 3,832'-3,972'

7 7/8" Hole; Set 5 1/2" 15.5# J55 Csg. @ 4,150'.
Cemented w/ 710 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. 233

WELL LOCATION: 688' FSL & 2375' FEL
FOOTAGE LOCATION

O 2 22 South 35 East
UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 435'

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" @ 4,147'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,160'

Injection Interval

Perforated Interval - 3,811' - 4,034'

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: 3,711' 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 is 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.

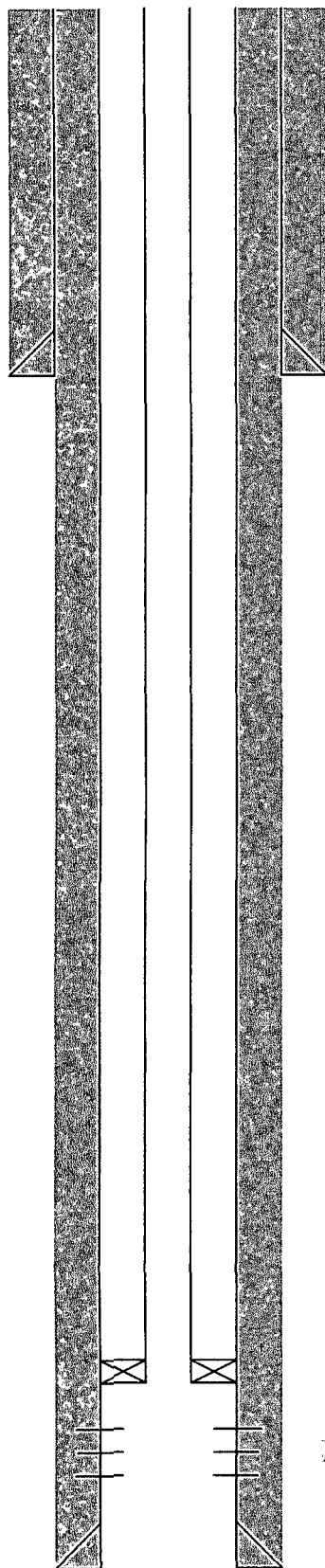
None

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 2, 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. 233
API No. 30-025-38926
688' FSL & 2375' FEL (Unit O)
Section 2, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: July, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 435'
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 @ 3,711'

Injection Perforations: 3,811'-4,034'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,147'
Cemented w/ 750 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. 234

WELL LOCATION: 688' FSL & 1060' FEL
FOOTAGE LOCATION

UNIT LETTER SECTION TOWNSHIP RANGE
P 2 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" @ 429'

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" @ 4,176'

Cemented with: 850 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,177'

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 is 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.

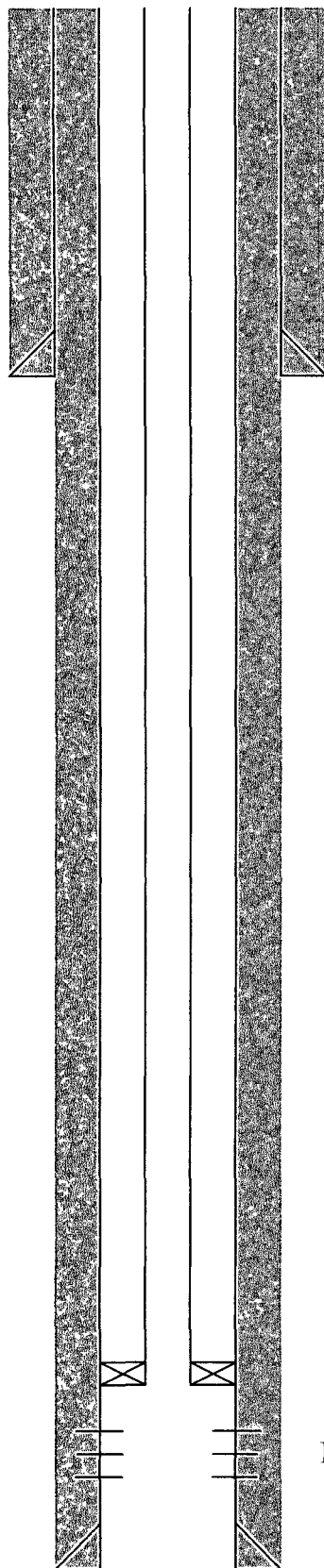
None

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 2, 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. 234
API No. 30-025-38927
688' FSL & 1060' FEL (Unit P)
Section 2, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: July, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 429'
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. @ 4,176'
Cemented w/ 850 Sx. Class C. Cement
circulated to surface.

T.D. - 4,177'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 235

WELL LOCATION: 627' FNL & 1060' FEL
FOOTAGE LOCATION

A UNIT LETTER SECTION 11 22 South 35 East
TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

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

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: Calculated

Total Depth: 4,188'

Injection Interval

Perforated Interval - 3,808' - 4,098'

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: 3,708' 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 is 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.

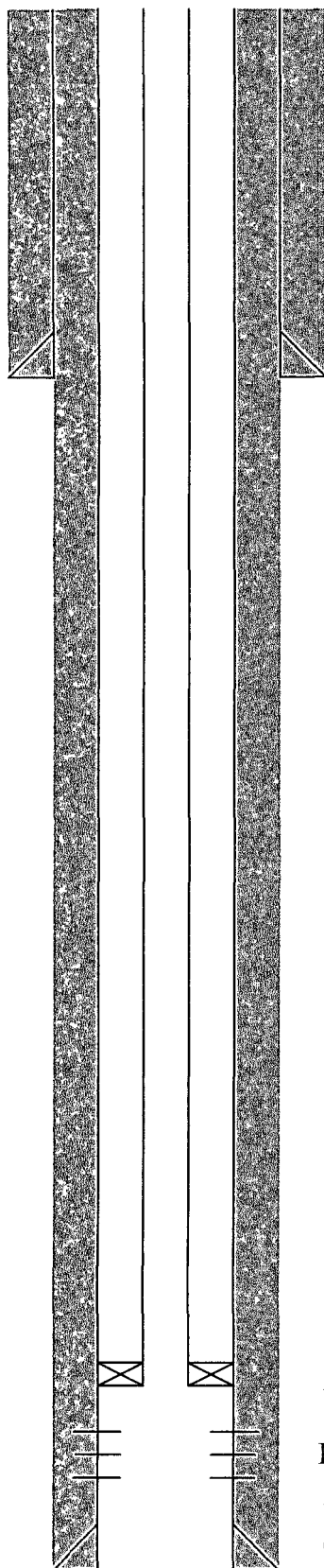
None

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 11, 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. 235
API No. 30-025-38928
627' FNL & 1060' FEL (Unit A)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: August, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 415'
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 @ 3,708'

Injection Perforations: 3,808'-4,098'

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

T.D. - 4,188'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 236 **(Not Yet Drilled)**

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

E UNIT LETTER 12 SECTION 22 South TOWNSHIP 35 East 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 12, 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. 236
API No. 30-025-38929
1980' FNL & 990' FWL (Unit E)
Section 12, 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

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

RECEIVED

Form C-101
May 27, 2004

MAY 13 2008

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 API Number: 30-025	
⁵ Property Name: Jalmat Field Yates Sand Unit		⁶ Well No.: 236	
⁹ Proposed Pool 1: Jalmat, Tansill-Yates-7 Rvrs		¹⁰ Proposed Pool 2:	

⁷ Surface Location

UL or lot no E	Section 12	Township 22-S	Range 35-E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 990	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 3574'
¹⁶ Multiple No	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor TBA	²⁰ Spud Date 5-20-08
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 ☐ 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 NMOC guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Ann E. Ritchie

Title: Regulatory Agent

E-mail Address: ann.ritchie@wtor.net

Date: 5-6-08

Phone: 432 684-6381/214-762-0830

OIL CONSERVATION DIVISION

Approved by:

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: MAY 21 2008

Expiration Date:

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. 237

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

UNIT LETTER L SECTION 12 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" @ 412'

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" @ 4,181'

Cemented with: 700 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,185'

Injection Interval

Perforated Interval - 3,806' - 4,072'

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: 3,706' 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 is 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.

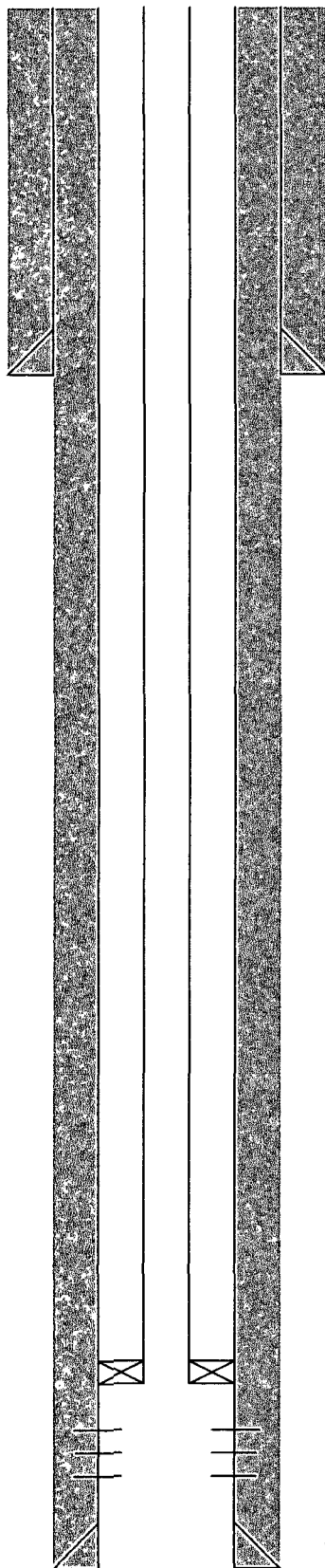
None

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 12, 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. 237
API No. 30-025-38930
1980' FSL & 990' FWL (Unit L)
Section 12, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: October, 2008



12 1/4" Hole; Set 8 5/8" 24# J55 Csg. @ 412'
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 @ 3,706'

Injection Perforations: 3,806'-4,072'

7 7/8" Hole; Set 5 1/2" 15.5# J55 Csg. @ 4,181'.
Cemented w/ 700 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. 240

WELL LOCATION: 688' FSL & 1625' FWL
FOOTAGE LOCATION

N
UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See Attached Wellbore Schematic

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8" @ 421'

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" @ 4,166'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,175'

Injection Interval

Perforated Interval - 3,834' - 4,041'

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: 3,734' 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 is 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.

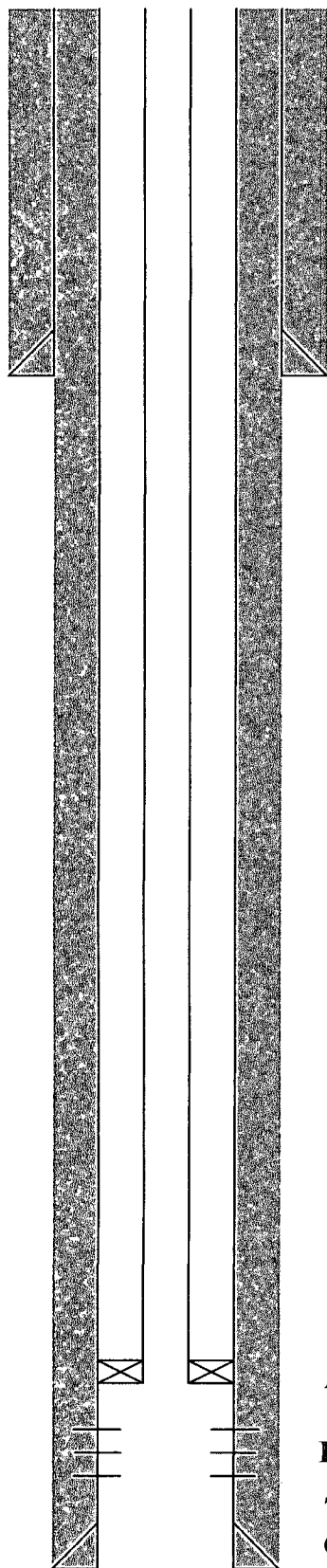
None

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 2, 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. 240
API No. 30-025-38932
688' FSL & 1625' FWL (Unit N)
Section 2, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: July, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 421'
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 @ 3,734'

Injection Perforations: 3,834'-4,041'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,166'
Cemented w/ 750 Sx. Class C. Cement
circulated to surface.

T.D. - 4,175'

INJECTION WELL DATA SHEET

OPERATOR: Melrose Operating Company

WELL NAME & NUMBER: Jalmat Field Yates Sand Unit No. 241

WELL LOCATION: 720' FSL & 345' FWL
FOOTAGE LOCATION

UNIT LETTER M SECTION 2 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" @ 430'
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" @ 4,167'
Cemented with: 750 Sx. or ft³
Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,171'

Injection Interval

Perforated Interval - 3,835' - 4,052'

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: 3,735' 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 is 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.

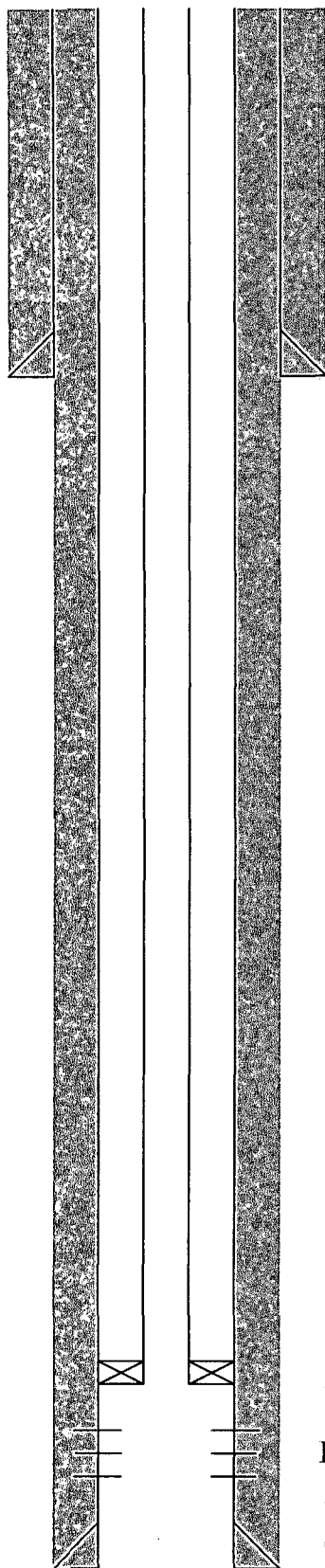
None

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 2, 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. 241
API No. 30-025-38933
720' FSL & 345' FWL (Unit M)
Section 2, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: August, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 430'
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 @ 3,735'

Injection Perforations: 3,835'-4,052'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 4,167'
Cemented w/ 750 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. 242

WELL LOCATION: 625' FNL & 375' FWL
FOOTAGE LOCATION

UNIT LETTER D SECTION 11 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" @ 420'

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" @ 4,157'

Cemented with: 750 Sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 4,160'

Injection Interval

Perforated Interval - 3,795' - 3,890'

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: 3,695' 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 is 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.

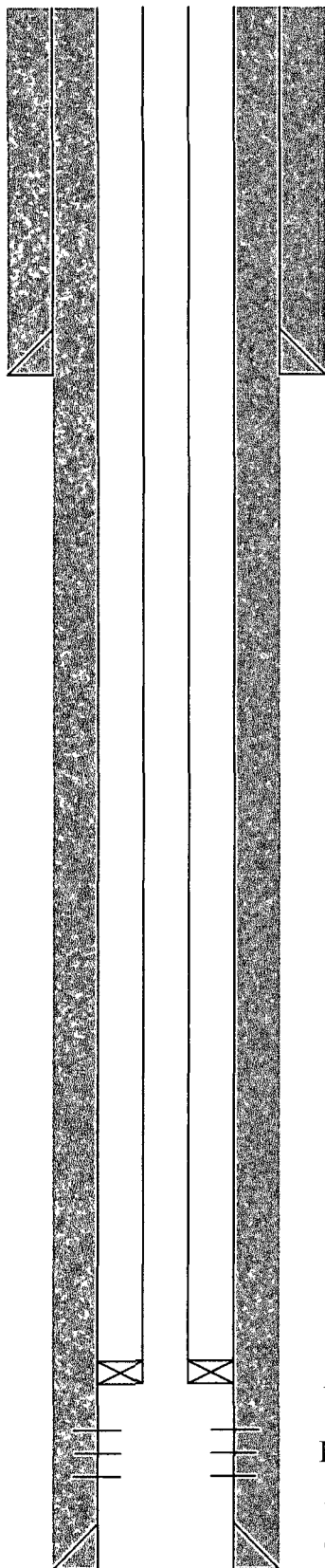
None

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 11, 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. 242
API No. 30-025-38941
625' FNL & 375' FWL (Unit D)
Section 11, T-22 South, R-35 East, NMPM
Lea County, New Mexico

Date Drilled: August, 2008



12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 420'
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 @ 3,695'

Injection Perforations: 3,795'-3,890'

7 7/8" Hole; Set 5 1/2" 17# J-55 Csg. @ 4,157'
Cemented w/ 750 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. 243 **(Not Yet Drilled)**

WELL LOCATION: 1980' FNL & 330' FWL
FOOTAGE LOCATION

UNIT LETTER E SECTION 11 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

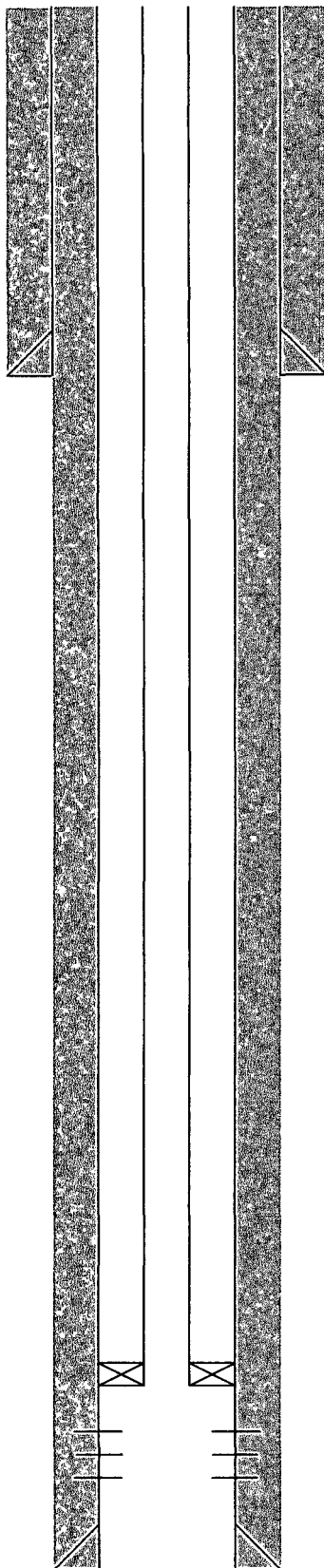
3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

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 11, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.



T.D. – 4,200'

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 243
API No. 30-025-38934
1980' FNL & 330' FWL (Unit E)
Section 11, 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.

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

Submit to appropriate District Office

MAY 13 2008

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 API Number: 30-025 38934	
⁵ Property Name: Jalmat Field Yates Sand Unit		⁶ Well No.: 243	
⁷ Proposed Pool 1: Jalmat, Tansill-Yates-7 Rvrs		⁸ Proposed Pool 2:	

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	11	22-S	35-E		1980	North	330	West	Lea

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

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 3620'
¹⁶ Multiple No	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor TBA	²⁰ Spud Date 5-20-08
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 ☐ 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 NMOC guidelines X, a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed name: Ann E. Ritchie		Approved by: <i>Chris Williams</i>	
Title: Regulatory Agent		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: ann.ritchie@wtor.net		Approval Date: MAY 21 2008	
Date: 5-6-08		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. 249 **(Not Yet Drilled)**

WELL LOCATION: 2030' FSL & 330' FEL I 11 22 South 35 East
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA (PROPOSED)
Surface Casing

See Attached Wellbore Schematic

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

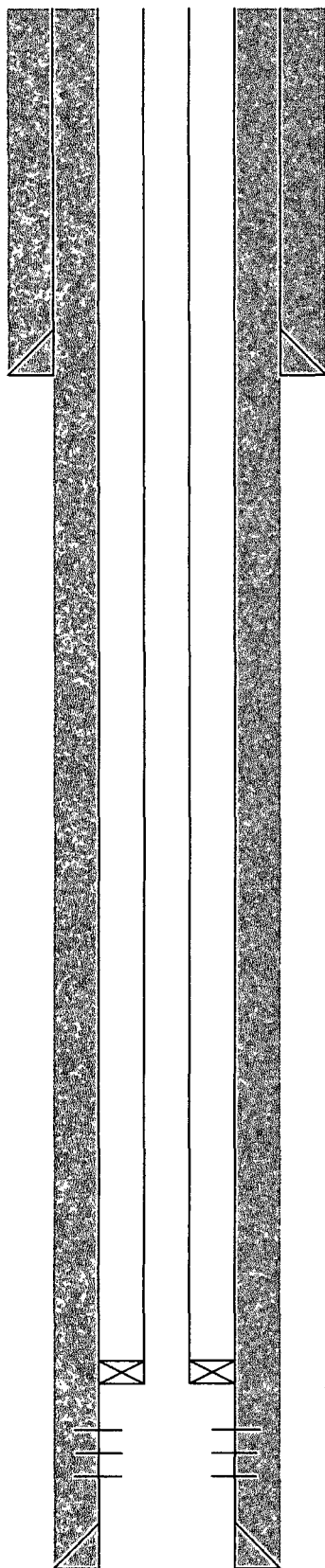
3. Name of Field or Pool (if applicable): Jalmat (Tansill-Yates-Seven Rivers) Oil & Gas Pool (33820)

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 11, Township 22 South, Range 35 East, NMPM, there are no oil or gas zones underlying or overlying the proposed injection zone.



T.D. - 4,200'

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 249
API No. 30-025-38922
2030' FSL & 330' FEL (Unit I)
Section 11, 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.

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

Form C-101
May 27, 2004

Oil Conservation Division MAY 13 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

Operator Name and Address: Melrose Operating Co., c/o Box 953, Midland, TX 79702		OGRID Number 184860
Property Code 25121	Property Name Jalmat Field Yates Sand Unit	API Number 30-025-38922 Well No. 249
Proposed Pool 1: Jalmat, Tansill-Yates-7 Rvrs		Proposed Pool 2

Surface Location

UL or lot no H1	Section 11	Township 22-S	Range 35-E	Lot Idn	Feet from the 2030	North/South line South	Feet from the 330	East/West line East	County Lea
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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

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code State	Ground Level Elevation 3593'
Multiple No	Proposed Depth 4200'	Formation Yates	Contractor TBA	Spud Date 5-20-08
Depth to Groundwater: 120'		Distance from nearest fresh water well: none		Distance from nearest surface water: none
Pit: Liner Synthetic: X 12 mils thick Clay ☐ Pit Volume: 3000 bbls Drilling Method: Closed-Loop System ☐ Fresh Water X Brine X Diesel/Oil-based ☐ Gas/Air ☐				

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

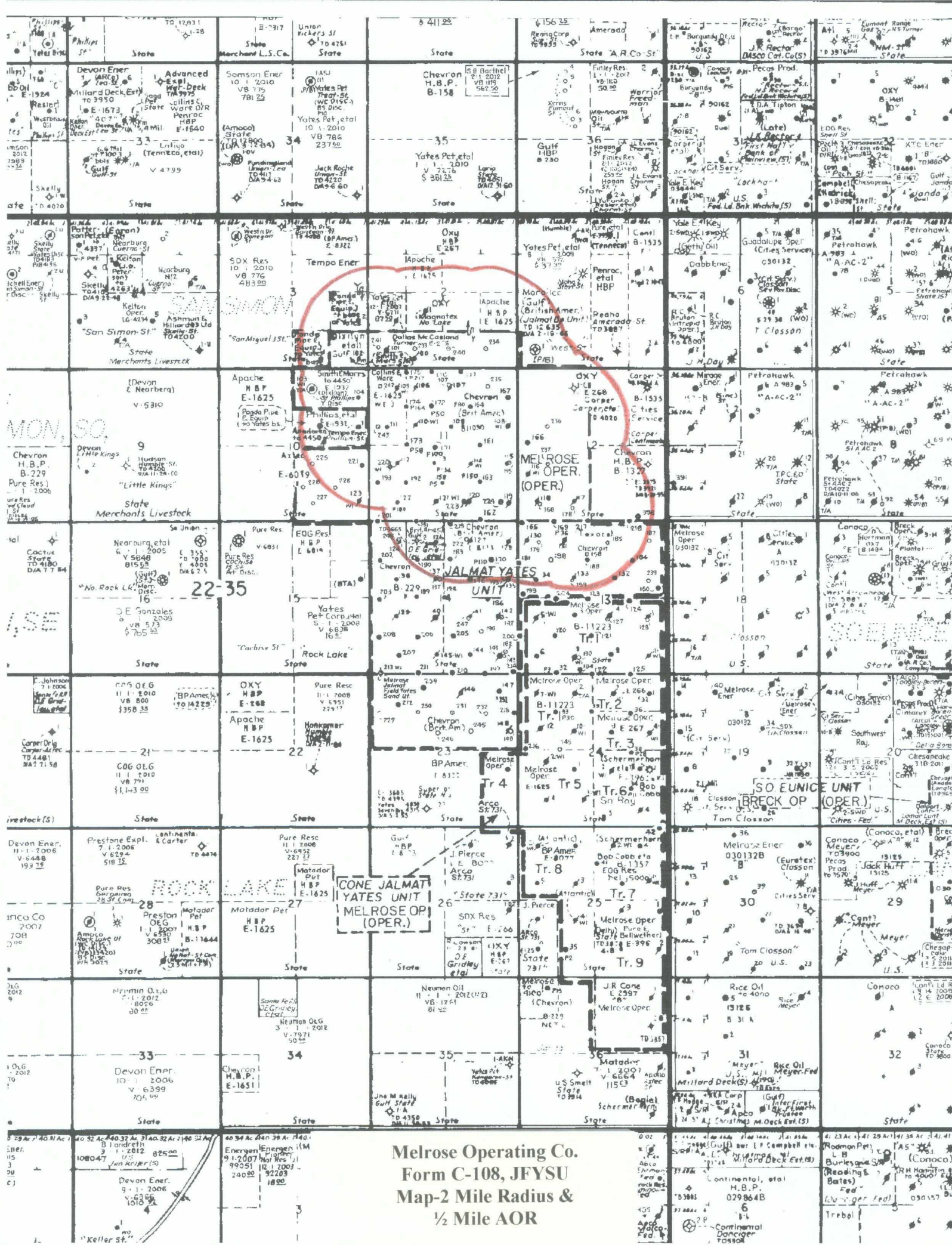
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

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.

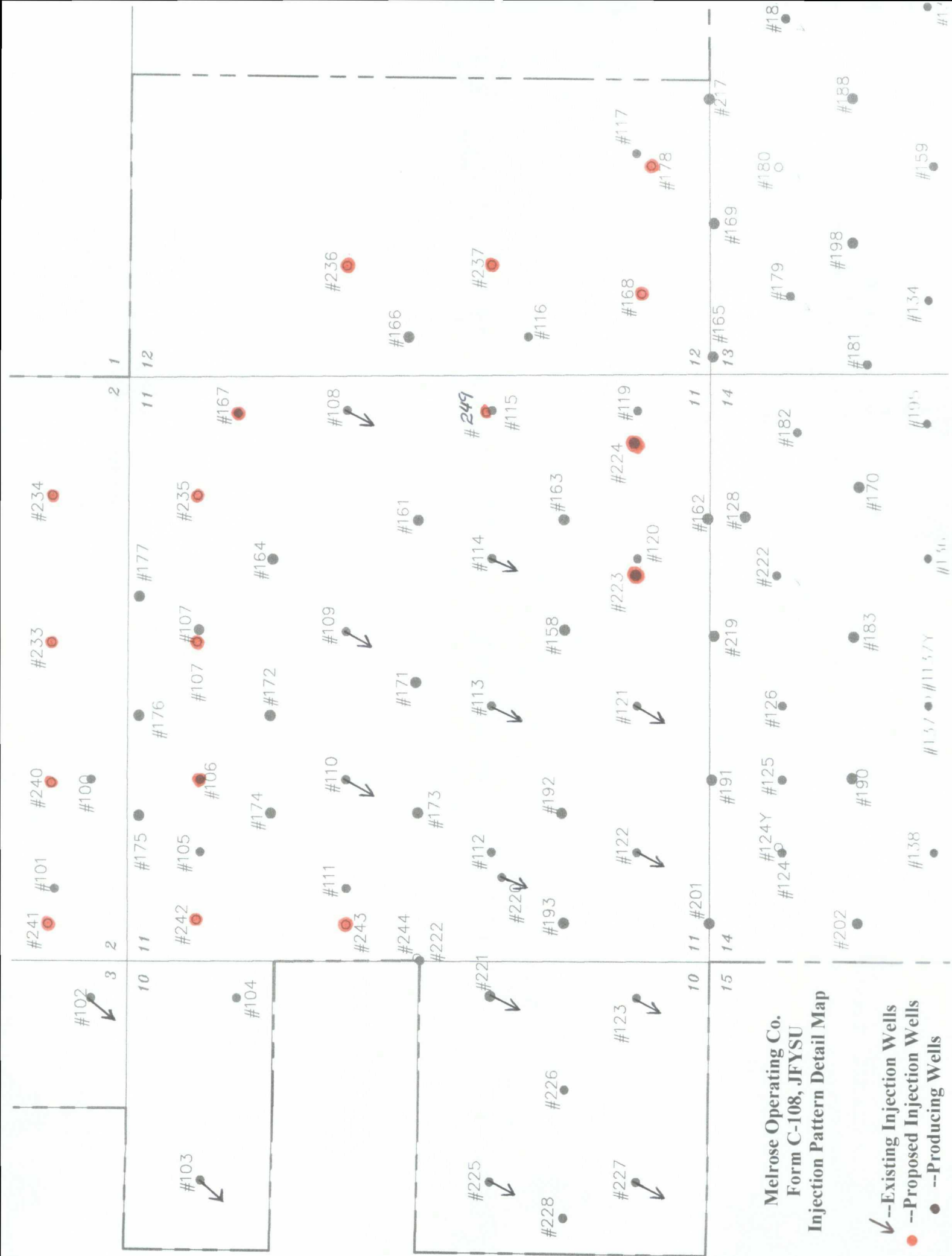
I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed name: Ann E. Ritchie		Approved by: <i>Chris Williams</i>	
Title: Regulatory Agent		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: ann.ritchie@wtor.net		Approval Date: MAY 21 2008	
Date: 5-6-08		Expiration Date:	
Phone: 432 684-6381/214-762-0830		Conditions of Approval Attached ☐	

Correcting well #
dm

Permit Expires 2 Years From Approval
Date Unless Drilling Underway



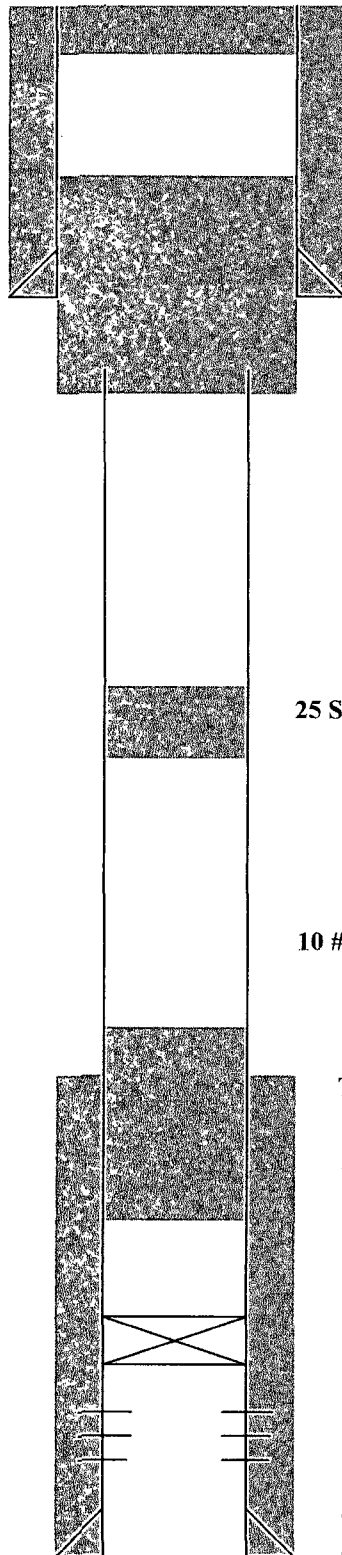
Melrose Operating Co.
Form C-108, JFYSU
Map-2 Mile Radius &
1/2 Mile AOR



MELROSE OPERATING COMPANY
AREA OF REVIEW WELL DATA
17 WELLS--JALMAT FIELD YATES SAND UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	FTG. E/W	UNIT	SEC.	TSH.P.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	COMPLETION	REMARKS			
The Following AOR Well Data Was Previously Submitted With WFX Applications Dated 9/23/2008 & 10/08/2008																											
30-025-08591	Melrose Operating Co.	JFYSU	112	I	PA	1980'	S 990'	W L	11	22S	35E	Apr-58	4,082'	12 1/4"	8 5/8"	335'	200	Surface	Circ.	7 7/8"	5 1/2"	4,081'	311	3,888'-4,006'			
30-025-08592	Melrose Operating Co.	JFYSU	122	I	Active	660'	S 990'	W M	11	22S	35E	Apr-58	4,050'	12 1/4"	8 5/8"	335'	200	Surface	Circ.	7 7/8"	5 1/2"	4,050'	100	3,885'-3,998'	100 Sx. + 870 Cu. Ft. Diacel "D"		
																						225	Surface	3,870'-3,996'	Liner set 0'-4,017' Cmt. Circ.		
30-025-08593	Melrose Operating Co.	JFYSU	110	I	Active	1980'	N 1650'	W F	11	22S	35E	May-58	4,065'	12 1/4"	8 5/8"	335'	200	Surface	Circ.	7 7/8"	5 1/2"	4,064'	100	790'	T.S.	3,872'-4,010'	100 Sx. + 906 Cu. Ft. Diacel "D"
30-025-35427	Melrose Operating Co.	JFYSU	173	P	Active	2630'	N 1330'	W F	11	22S	35E	Mar-01	4,200'	12 1/4"	8 5/8"	423'	300	Surface	Circ.	7 7/8"	5 1/2"	4,206'	725	Surface	Circ.	3,882'-4,106'	
30-025-36430	Melrose Operating Co.	JFYSU	192	P	Active	1330'	S 1330'	W K	11	22S	35E	Oct-03	4,200'	12 1/4"	8 5/8"	395'	375	Surface	Circ.	7 7/8"	5 1/2"	4,186'	750	Surface	Circ.	3,858'-4,016'	
30-025-36498	Melrose Operating Co.	JFYSU	193	P	Active	1310'	S 330'	W M	11	22S	35E	Feb-04	4,200'	12 1/4"	8 5/8"	450'	400	Surface	Circ.	7 7/8"	5 1/2"	4,196'	800	Surface	Circ.	3,992'-4,012'	
30-025-37174	Melrose Operating Co.	JFYSU	220	P	Active	1942'	S 955'	W L	11	22S	35E	Oct-05	4,175'	12 1/4"	8 5/8"	420'	325	Surface	Circ.	7 7/8"	5 1/2"	4,175'	850	Surface	Circ.	3,780'-3,880'	
30-025-08580	Melrose Operating Co.	JFYSU	103	I	TA	660'	N 1980'	E B	10	22S	35E	Sep-57	4,280'	17 1/4"	13 3/8"	220'	225	Surface	Circ.	7 7/8"	5 1/2"	4,200'	350	2,334'	Calc.	3,973'-4,113'	TA'd in 2005. TA expires 2010
30-025-08581	Melrose Operating Co.	JFYSU	104	P	Active	990'	N 330'	E A	10	22S	35E	Sep-58	4,100'	11"	8 5/8"	320'	200	Surface	Calc.	7 7/8"	5 1/2"	4,098'	550	Surface	Circ.	3,910'-4,038'	
30-025-28548	Tempo Energy, Inc.	Phillips State	1	P	Active	1980'	N 330'	E H	10	22S	35E	Feb-84	4,068'	12 1/4"	9 5/8"	400'	150	36'	Calc.	7 7/8"	5"	4,068'	700	864'	Calc.	3,887'-4,007'	
30-025-28670	Tempo Energy, Inc.	Phillips State	2	P	Active	1980'	N 1650'	E G	10	22S	35E	Apr-84	4,097'	12 1/4"	9 5/8"	304'	150	Surface	Calc.	7 7/8"	5"	4,097'	750	665'	Calc.	3,930'-4,054'	
30-025-37240	Melrose Operating Co.	JFYSU	221	I	Active	1980'	S 330'	E I	10	22S	35E	May-05	4,175'	12 1/4"	8 5/8"	400'	330	Surface	Circ.	7 7/8"	5 1/2"	4,150'	850	Surface	Circ.	3,890'-4,050'	Injection Permit Pending
30-025-38704	Melrose Operating Co.	JFYSU	225	I	Active	1980'	S 1980'	E J	10	22S	35E	Mar-08	4,160'	12 1/4"	8 5/8"	417'	450	Surface	Circ.	7 7/8"	5 1/2"	4,035'	1000	Surface	Circ.	3,886'-4,160'	Injection Permit Pending
30-025-38706	Melrose Operating Co.	JFYSU	227	I	Active	660'	S 1980'	E O	10	22S	35E	Mar-08	4,159'	12 1/4"	8 5/8"	435'	500	Surface	Circ.	7 7/8"	5 1/2"	4,159'	750	Surface	Circ.	3,928'-4,050'	Injection Permit Pending
30-025-38705	Melrose Operating Co.	JFYSU	226	P	Active	1310'	S 1155'	E P	10	22S	35E	Apr-08	4,150'	12 1/4"	8 5/8"	438'	325	Surface	Circ.	7 7/8"	5 1/2"	4,150'	800	Surface	Circ.	3,908'-3,992'	
30-025-38707	Melrose Operating Co.	JFYSU	228	P	Active	1310'	S 2303'	E O	10	22S	35E	Apr-08	4,165'	12 1/4"	8 5/8"	438'	375	Surface	Circ.	7 7/8"	5 1/2"	4,160'	900	Surface	Circ.	3,982'-4,052'	
30-025-08579	Melrose Operating Co.	JFYSU	123	I	Active	660'	S 330'	E P	10	22S	35E	Jun-58	4,123'	12 1/4"	8 5/8"	305'	250	Surface	Calc.	7 7/8"	5 1/2"	4,121'	600	2,040'	T.S.	3,718'-4,062'	1996-Repaired casing leaks 530'-620'.
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	Circ.	7 7/8"	5 1/2"	3,951'	600	754'	Calc.	3,902'-3,920'	
30-025-08600	Gulf Oil Corporation	JFYSU	117	I	PA	660'	S 1980'	W N	12	22S	35E	Jan-57	3,908'	11"	8 5/8"	292'	225	Surface	Circ.	7 7/8"	5 1/2"	3,907'	600	710'	Calc.	3,740'-3,842'	
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	Circ.	7 7/8"	5 1/2"	4,003'	300	2,403'	Calc.	3,808'-3,966'	
30-025-08618	Gulf Oil Corporation	JFYSU	135	I	PA	1980'	N 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'	
30-025-08619	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	Circ.	6 3/4"	4 1/2"	3,969'	185	580'	T.S.	3,824'-3,945'	
30-025-08623	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	Circ.	7 7/8"	4 1/2"	4,035'	380	1,730'	T.S.	3,850'-3,992'	
30-025-21495	Gulf Oil Corporation	JFYSU	125	Supply	PA	660'	N 1650'	W C	14	22S	35E	May-62	4,663'	24"	20"	33'	5	Surface	Circ.	17 1/2"	13 3/8"	2,130'	1630	Surface	Circ.	O.H. 4,178'-4,663'	
																						400	2,725'	Calc.			
30-025-08622	Melrose Operating Co.	JFYSU	136	P	Active	1980'	N 1650'	E G	14	22S	35E	Dec-56	4,005'	12 1/4"	8 5/8"	335'	200	Surface	Circ.	7 7/8"	4 1/2"	4,004'	374	1,580'	T.S.	3,833'-3,951'	
30-025-35262	Melrose Operating Co.	JFYSU	170	P	Active	1330'	N 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'	
30-025-38871	Melrose Operating Co.	JFYSU	182	I	Active	790'	N 521'	E A	14	22S	35E	Apr-08	4,150'	12 1/4"	8 5/8"	447'	375	Surface	Circ.	7 7/8"	5 1/2"	4,150'	800	Surface	Circ.	3,804'-3,958'	
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	Circ.	7 7/8"	5 1/2"	4,190'	750	Surface	Circ.	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	Circ.	7 7/8"	5 1/2"	4,069'	214	1,300'	T.S.	3,838'-3,960'	5 1/2" Csg. Cmt/w 214 Sx. + 480 Cu. Ft. Diacel D.
																						195	Surface	Circ.			
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	Circ.	7 7/8"	5 1/2"	4,200'	725	Surface	Circ.	3,856'-4,056'	
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	Circ.	7 7/8"	5 1/2"	4,175'	784	Surface	Circ.	3,764'-4,010'	
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	Circ.	7 7/8"	5 1/2"	4,180'	750	Surface	Circ.	3,853'-4,024'	
30-025-38874	Melrose Operating Co.	JFYSU	195	I	Active	1970'	N 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'	
30-025-33526	Melrose Operating Co.	JFYSU	165	P	Active	35'	N 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 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 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 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'	
30-025-35221	Melrose Operating Co.	JFYSU	169	P	Active	10'	N 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'	
30-025-37138	Melrose Operating Co.	JFYSU	217	P	Active	10'	N 2460'	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'	
30-025-20295	Gulf Oil Corporation	JFYSU	131	P	PA	660'	N 1460'	W C	13	22S	35E	Oct-63	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 C	13	22S	35E	Jun-08	4,150'	12 1/4"	8 5/8"	438'	375	Surface	Circ.	7 7/8"	5 1/2"	4,150'	750	Surface	Circ.	3,744'-4,055'	
30-025-37560	Melrose Operating Co.	JFYSU	188	P	Active	1310'	N 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'	

Melrose Operating Company
Jalmat Field Yates Sand Unit No. 105
API No. 30-025-08583
660' FNL & 990' FWL, Unit D
Section 11, T-22S, R-35E



10 Sx. @ surface

12 1/4" Hole; 8 5/8" Csg. Set @
 336'. Cemented w/250 Sx.
 Calculated TOC @ surface

Cut & pulled 385' of 5 1/2" casing. Spot
 55 sx. stub plug 258'-435' (Tagged)

Drilled: 1/59

Plugged: 5/00

25 Sx. 1,870'-2,070'

10 # Mud placed between plugs

TOC @ 2,995' by T.S.

25 Sx. 2,797'-3,500'

CIBP @ 3,797'

Perforations: 3,877'-4,008'

7 7/8" Hole; 5 1/2" Csg. Set @ 4,024"
 Cemented w/ 400 Sx. TOC @ 2,995' by T.S.

T.D. 4,024'

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-08583

Indicate Type of Lease

STATE ☒

FEE ☐

State Oil & Gas Lease No.
E1625

Lease Name or Unit Agreement Name
Jalmat Field Yates Sand Unit

Well No.
105

Pool name or Wildcat
Jalmat (TN-YT-SR)

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.)

Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER WIW

Name of Operator

Melrose Operating

Address of Operator

PO Box 5061, Midland, TX 79704

Well Location

Unit Letter D 660 Feet From The North Line and 990 Feet From The West Line

Section 11 Township 22S Range 35E NMPM Lea County

Elevation (Show whether DF, RKB, RT, GR, etc.)
3623' DF

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 ANBANDONMENT ☒

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.

5/23/00 Notify OCD, MI & RU

5/24/00 RU for 2-1/16" tbg. LD tbg (118 jts). RIH & tag CIBP @ 3797'. Circ 10# mud. Spot 25 sx @ 2797 - 3500'. POH & spot 25 sx @ 2070'-1870'. POH. Close in well.

5/25/00 RIH & cut csg @ 385'. RIH & spot 55 sx @ 435'. POH & WOC. RIH & tag cmt @ 258'. POH & spot 10 sx @ surf. Cut off wellhead. Level Pit & cellar. Install dry hole marker. Move out.

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

SIGNATURE

Bonnie Atwater

TITLE Regulatory Tech

DATE 07-20-00

TYPE OR PRINT NAME Bonnie Atwater

TELEPHONE NO. 915/685-1761

(This space for State Use)

APPROVED BY

Johnny Robinson

TITLE

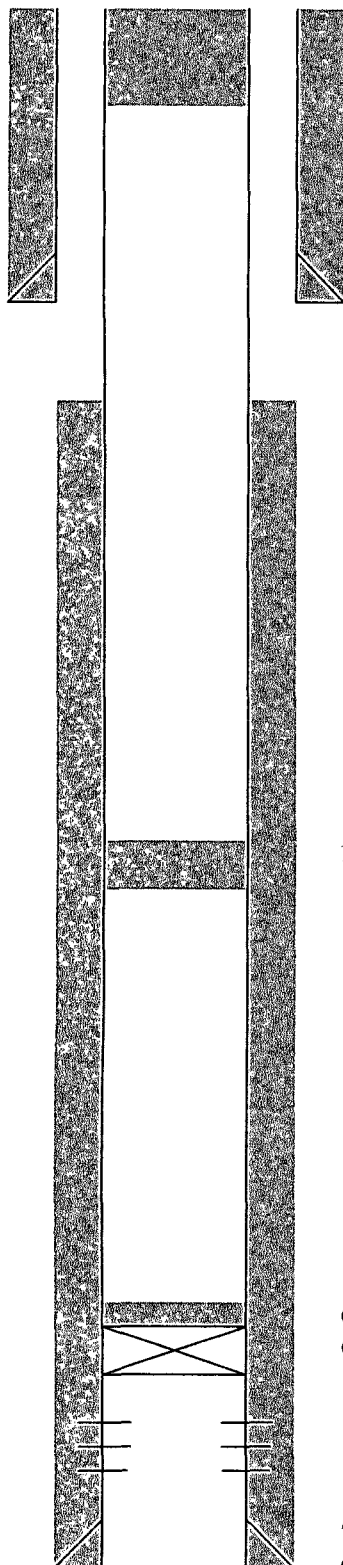
COMPLIANCE OFFICER

DATE

CONDITIONS OF APPROVAL, IF ANY:

GWW

Gulf Oil Corporation
Jalmat Field Yates Sand Unit No. 107
API No. 30-025-08596
660' FNL & 2310' FEL, Unit B
Section 11, T-22S, R-35E



10 Sx. 100' to surface

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

TOC @ 650' by T.S.

Mud placed between plugs

15 Sx. 1,842'-2,008' (Salt plug)

CIBP @ 3,831' w/ 5 Sx.
Cement on top

Perforations: 3,858'-3,995'

7 7/8" Hole; 5 1/2" Csg. Set @ 4,009'
Cemented w/ 350 Sx. TOC @ 650' by T.S.

T.D. 4,010'

Drilled: 6/58
Plugged: 6/74

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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.	
E-8244	

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
2. Name of Operator		8. Farm or Lease Name
<u>Gulf Oil Corporation</u>		
3. Address of Operator		9. Well No.
<u>Box 670, Hobbs, New Mexico 88240</u>		<u>107</u>
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER <u>B</u> , <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM		<u>Jalmat</u>
THE <u>East</u> LINE, SECTION <u>11</u> TOWNSHIP <u>22-S</u> RANGE <u>35-E</u> NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.)		12. County
<u>3604' GL</u>		<u>Lea</u>

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 JOBS ☐	OTHER ☐
		<u>Plugged and abandoned</u>	

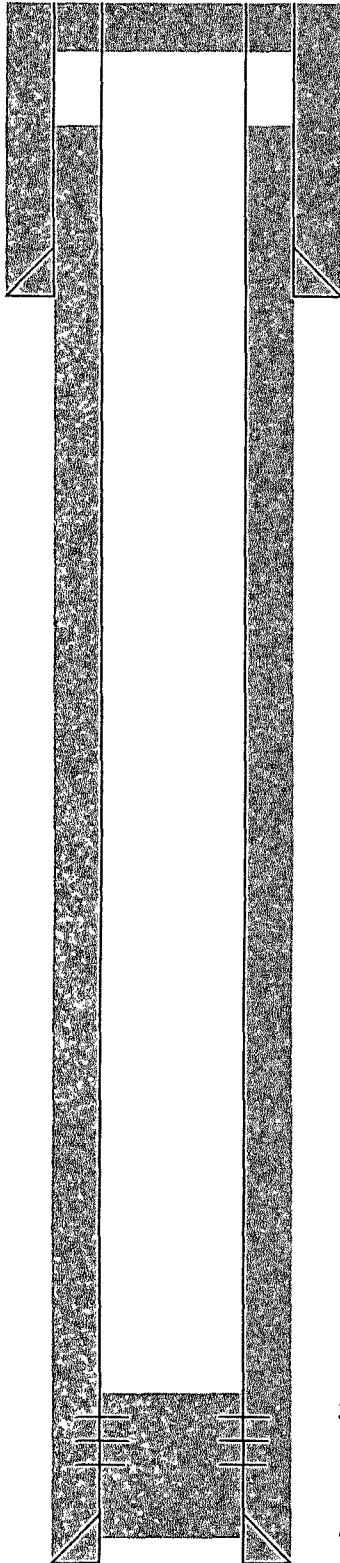
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

4010' TD, 4004' PB.

Pulled producing equipment. Ran CI BP and set at 3831'. Loaded hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 15 sack cement plug from 2008' to 1842', 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. Lambert</u>	TITLE <u>Area Engineer</u>	DATE <u>June 18, 1974</u>
APPROVED BY <u>John W. Thompson</u>	TITLE <u></u>	DATE <u>SEP 18 1974</u>
CONDITIONS OF APPROVAL, IF ANY:		

Carper Drilling Company, Inc.
Carper-Randel State No. 1C
API No. 30-025-08598
660' FNL & 1980' FWL, Unit C
Section 12, T-22S, R-35E



5 Sx. surface plug

Calculated TOC @ 181'

12 1/4" Hole; 8 5/8" Csg. Set @
311'. Cemented w/250 Sx.
Calculated TOC @ surface.

Drilled: 4/55

Plugged: 7/55

Heavy mud placed between plugs

35 Sx. plug 3,760'-4,018'

Perforations: 3,866'-3,890'

7 7/8" Hole; 5 1/2" Csg. Set @ 3,895'
Cemented w/ 700 Sx. Calculated TOC @ 181'

T.D. 4,018'

Melrose Operating Co.
Form C-108, JFYSU
PA Schematic
Carper-Randel St. No. 1C

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

Company Carper Drilling Company, Inc. Artesia, New Mexico
(Address)
Lease Carper Rendel Well No. 1-C Unit C S 12 T 22 S R 35 E
Date work performed July 1, 1955 POOL Undesignated

This is a Report of (Check appropriate block) ☐ Result of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☒ Plugging ☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

On July 1, 1955 we ran 4015' of 2" upset tubing and spotted 35 sack cement mixed by Halliburton. This filled the hole to 3760'. We then mixed mud using Halliburton and filled the hole to the surface where a 5 sack cement plug was run, regulation marker set. On July 4, 1955, the location was cleaned and leveled. No casing recovered from this well.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl. Date _____
Tbng Dia. _____ Tbng. Depth _____ Oil String Dia _____ Oil String Depth _____
Perf. Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER.

BEFORE AFTER

Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

Oil Conservation Commission

Name W. L. Armstrong

Title _____

Date _____

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

Name J. Vanhook Roubey

Position Vice-President

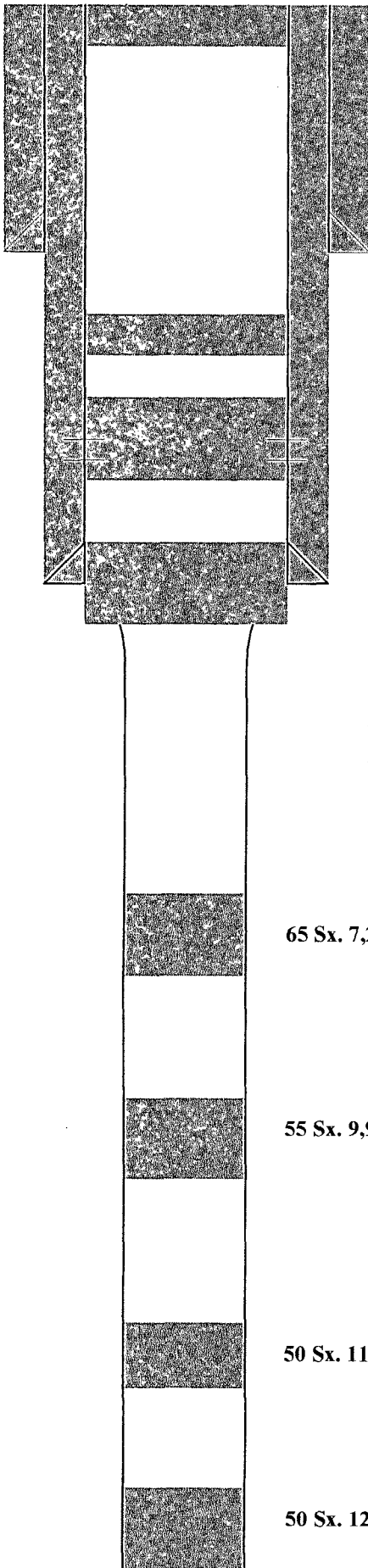
Company Carper Drilling Company, Inc.

MorOilCo., Inc.

West State No. 1

API No. 30-025-21665

660' FSL & 660' FWL, Unit M
Section 1, T-22S, R-35E



30' Cement plug @ surface.

17 1/2" Hole; 13 3/8" Csg. Set
@ 369'. Cemented w/ 300 Sx.
Cement circulated to surface.

33 Sx. @ 1808'. Top of Salt

Squeezed Perfs w/ 81 sx. Left
143' plug in casing.

Re-entry. Drilled to 4,058'.
Perforated 3,812'-3,900', tested
non-commercial.

50 Sx. 5,475'-5,575'

12 1/4" Hole; 9 5/8" Csg. Set @
5524'. DV Tool @ 3,733'.
Cemented 1st Stage w/ 610 Sx.
Circulated. Cemented 2nd Stage
w/ 2280 Sx. Cement circulated to
surface.



65 Sx. 7,200'-7,300'

55 Sx. 9,950'-10,050'

50 Sx. 11,450'-11,550'

50 Sx. 12,535'- 12,635'

Drilled 8 3/4" Hole to
Total Dept of 12, 635'

T.D. 12,635'

Drilled: 9/65

Plugged: 2/66

Re-entered: 10/80

Plugged: 10/80

Well was originally drilled in 1965 by
the British American Oil Company.
Well was subsequently plugged as a dry
hole in 1966. MorOilCo., Inc. re-
entered the well in 1980 and re-plugged
the well after completing re-entry
operations.

Melrose Operating Co.

Form C-108, JFYU

PA Schematic

West State No. 1

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NEW MEXICO OIL CONSERVATION COMMISSION

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

50. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L-5317

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL ☐ GAS WELL ☐ OTHER ☐ Plug & Abandon
Name of Operator
MorOilCo, Inc.
Address of Operator
P.O. Drawer I, Artesia, New Mexico 88210
Location of Well
UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM
THE West LINE, SECTION 1 TOWNSHIP 22S RANGE 35E NMPM.

7. Unit Agreement Name
8. Farm or Lease Name
West State
9. Well No.
#1
10. Field and Pool, or Wildcat
Jalmat
12. County
Lea

15. Elevation (Show whether DF, RT, GR, etc.)
3593' GR

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 OPS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

- 10-23-80 Pump 81 sx. Class C Cement, 2% CaCl to squeeze all perfs and leave 143' plug in casing, shut-in @2100# for 4 hours, pressure test to 3000# for 10 min., held good, flow psi back to 2100#, shut-in over night.
- 10-24-80 Open well with total shut off of water flow. Release packer & displace hole with 24# gel, pull RTTS, ran tubing back to 1908, pump 33 sx. Class C Cement plug top @ 1808, 100' @ top of salt. Pull tubing, set 30' plug in top of casing. Shut-in.
- 10-25-80 Open well with no vacuum or blow, took off wellhead and install marker. Fenced cellar and pit until final clean up.

(Received verbal approval from Mr. Clements, Hobbs
OCC office.)

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

DATE 10-29-80 TITLE Operator
APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE JUN 15 1981
CONDITIONS OF APPROVAL, IF ANY:

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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

54. Indicate Type of Lease
Side ☒ Fee ☐

5. State Oil & Gas Lease No.

B-9438

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- Dry	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Jalmit Deep
3. Address of Operator Box 670, Hobbs, New Mexico	9. Well No. 1
4. Location of Well UNIT LETTER M , 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 1 TOWNSHIP 22-S RANGE 35-E N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3593 OL	12. County 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 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 1103.

12,635' TD.

Reached TD of 12-3/4" hole at 12,635' on February 17, 1966. Ran logs. Ran Drill Pipe open ended to 12,635' and spotted cement plugs as follows: Plug No. 1, 12,635' to 12,535', 50 sack Incor with .4% HR-4. Plug No. 2, 11,550' to 11,450', 50 sack Incor with .4% HR-4. Plug No. 3, 10,050' to 9950', 55 sack Incor with .4% HR-4. Plug No. 4, 7300' to 7200', 65 sack Incor Neat. Plug No. 5, 5575' to 5475', 50 sack Incor Neat. Plug No. 6, 50' to surface, 50 sack Incor Neat. Installed dry hole marker. Plugged and abandoned February 19, 1966.

(Verbal permission obtained from Mr. Joe D. Ramey to plug and abandon ad above)

~~THIS INFORMATION IS UNCLASSIFIED~~

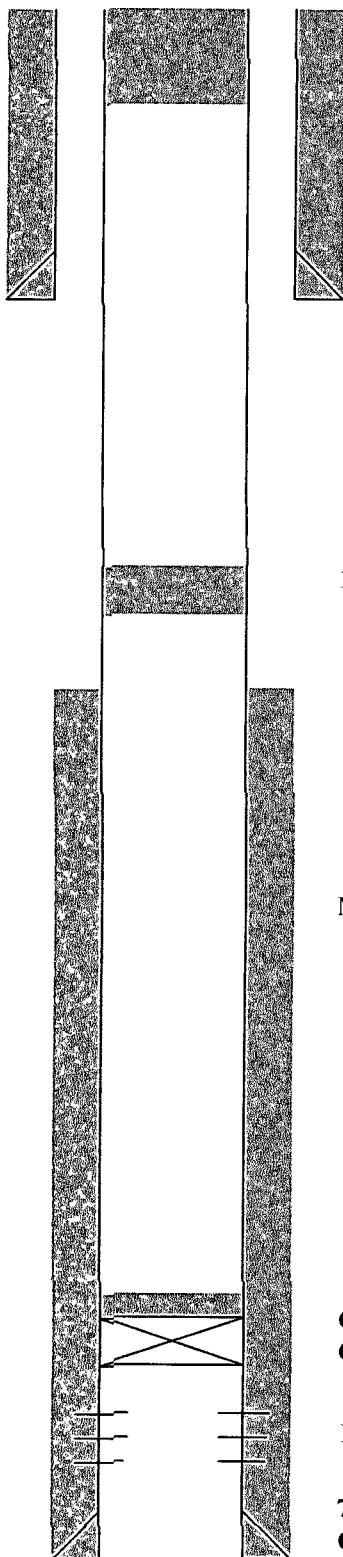
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED _____ TITLE **Area Production Manager** DATE **February 22, 1966**

APPROVED BY **Leslie A. Clement** DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Gulf Oil Corporation
Jalmat Field Yates Sand Unit No. 100
API No. 30-025-08567
330' FSL & 1650' FWL, Unit N
Section 2, T-22S, R-35E



10 Sx. cement
100' to surface

11" Hole; 8 5/8" Csg. Set @ 260'.
Cemented w/200 Sx.
Cement circulated to surface.

Drilled: 10/58
Plugged: 6/74

15 Sx. 1,836'-2,014' across salt

TOC @ 2,410' by calculation

Mud placed between plugs

CIBP @ 3,680' w/ 5 Sx.
Cement on top

Perforations: 3,832'-3,979'

7 7/8" Hole; 5 1/2" Csg. Set @ 4,010'
Cemented w/ 300 Sx. TOC @ 2,410' by
Calculation

T.D. 4,011'

Melrose Operating Co.
Form C-108, JFYSU
PA Schematic
JFYSU No. 100

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

5a. Indicate Type of Lease	
State ☒ N.M.	Fee ☐
5. State Oil & Gas Lease No.	
E-2663	

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 ☐	7. Unit Agreement Name
2. Name of Operator	Jalmar Field Yates Sand Unit
3. Address of Operator	8. Farm or Lease Name
Gulf Oil Corporation	
4. Location of Well	9. Well No.
Box 670, Hobbs, New Mexico 88240	100
UNIT LETTER N, 330 FEET FROM THE South LINE AND 1650 FEET FROM	10. Field and Pool, or Wildcat
THE West LINE, SECTION 2 TOWNSHIP 22-S RANGE 35-E NMPM.	Jalmar
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3602' GL	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 ☐	
		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.

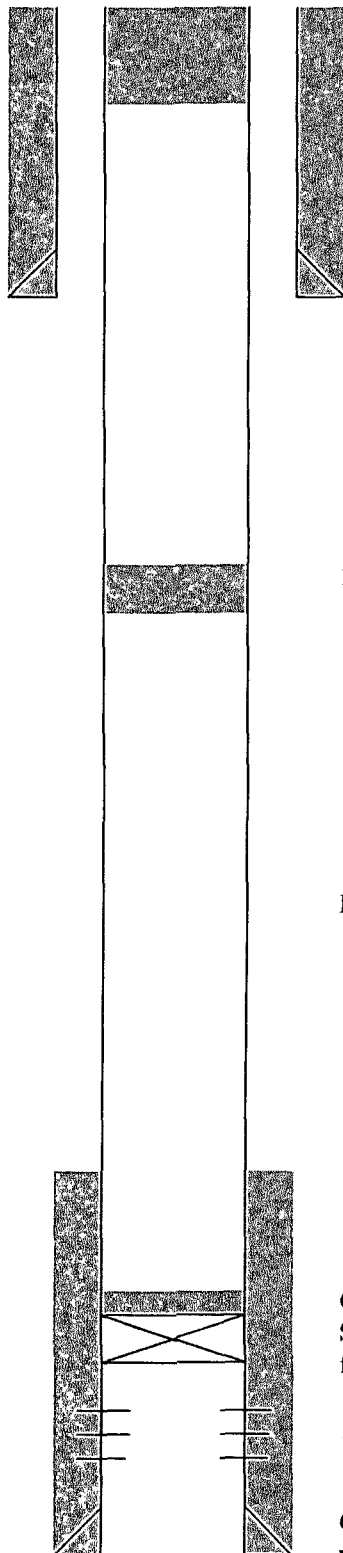
4011' TD, 4005' PB.

Pulled producing equipment. Ran CI BP and set at 3680'. Capped BP with 5 sacks of cement. Spotted 15 sacks cement plug from 2014-1836', across salt. Loaded hole with mud. Spotted 10 sack cement plug from 100' to surface. Installed dry hole marker. Plugged and abandoned June 17, 1974.

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

SIGNED B. Barbratz TITLE Area Engineer DATE June 18, 1974
APPROVED BY John W. Runyan TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

Dallas McCasland
Turner State No. 1
API No. 30-025-08568
1650' FSL & 990' FWL, Unit L
Section 2, T-22S, R-35E



10 Sx. cement @ surface

11" Hole; 8 5/8" Csg. Set @ 294'.
Cemented w/200 Sx.
Cement circulated to surface.

Drilled: 5/61
Plugged: 9/76

15 Sx. 1,800'-2,006' across salt

Mud placed between plugs

TOC @ 3,465' by calculation

CIBP @ 3,787'. Spot 10
Sx. cement on top of CIBP
from 3,657'-3,787'.

Perforations: 3,847'-3,913'

6 1/4" Hole; 4 1/2" Csg. Set @ 3,956' Cemented
w/ 50 Sx. TOC @ 3,465' by Calculation

T.D. 3,956'

Melrose Operating Co.
Form C-108, JFYSU
PA Schematic
Turner State No. 1

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-101
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-5227

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - ITEM C-1011 FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator Dallas McCasland	8. Form or Lease Name Turner State
3. Address of Operator c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, New Mexico 88240	9. Well No. 1 1
4. Location of Well UNIT LETTER L 1650 FEET FROM THE South LINE AND 990 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 22 S RANGE 35 E NMPM.	10. Field and Pool, or Wildcat Jalmat
15. Elevation (Show whether DF, RT, GR, etc.) 3600 DF	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 ☐	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 1703.

The subject well was plugged as follows:

Set cast iron bridge plug at 3787. Circulated hole clean with water and loaded hole with mud. Spotted 10 sacks Class C cement on top of bridge plug from 3787 to 3657. Pulled tubing up to 2006 and spotted 15 sacks Class C cement 2006 to 1800. Set 10 sacks cement at surface with regulation marker. Work complete 9/23/76.

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

SIGNED <u><i>H. E. ...</i></u>	TITLE Agent	DATE 10/1/76
APPROVED BY <u><i>John W. ...</i></u>	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

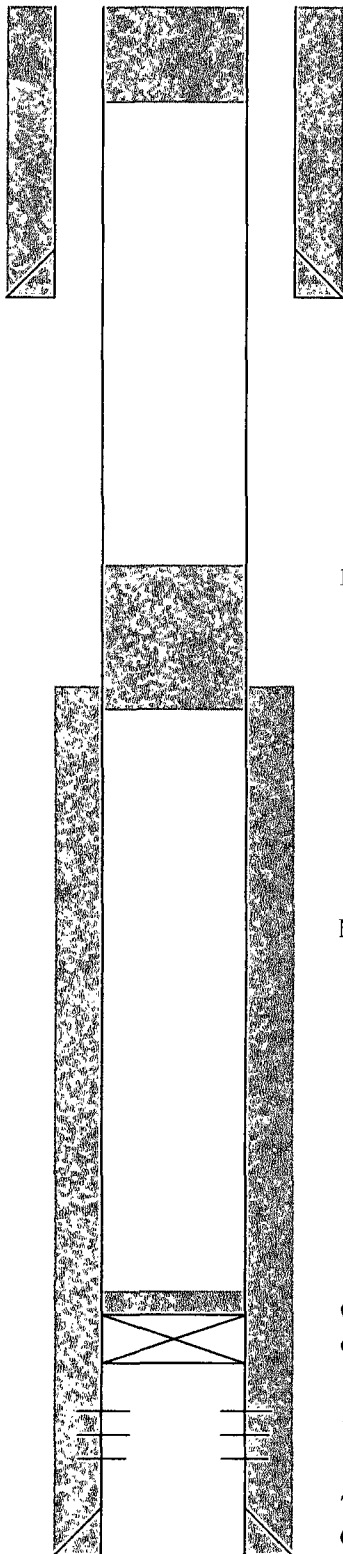
Gulf Oil Corporation

Jalmat Field Yates Sand Unit No. 101

API No. 30-025-20155

660' FSL & 660' FWL, Unit M

Section 2, T-22S, R-35E



10 Sx. cement
100' to surface

11" Hole; 8 5/8" Csg. Set @ 117'.
Cemented w/50 Sx.
Cement circulated to surface.

Drilled: 2/63

Plugged: 6/74

10 Sx. 1,849'-2,001' across salt

TOC @ 1994' by calculation

Mud placed between plugs

CIBP @ 3,659' w/ 5 sx.
cement on top

Perforations: 3,837'-3,952'

7 7/8" Hole; 4 1/2" Csg. Set @ 4,022'
Cemented w/ 500 Sx. TOC @ 1994' by
Calculation

T.D. 4,022'

Melrose Operating Co.

Form C-108, JFYSU

PA Schematic

JFYSU No. 101

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-2663	

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 ☐		7. Unit Agreement Name
2. Name of Operator		8. Farm or Lease Name
Jalmat		Field Yates Sand Unit
3. Address of Operator		9. Well No.
Gulf Oil Corporation		101
4. Location of Well		10. Field and Pool, or Wildcat
Box 670, Hobbs, New Mexico		Jalmat
UNIT LETTER <u>M</u> , <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM		
THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>22-S</u> RANGE <u>35-E</u> NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.)		12. County
3602' GL		Lea

16.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUS 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 ☐

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.

4022' TD, 4009' PB.

Ran CI BP and set at 3659'. Circulated hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 10 sack cement plug from 2001' to 1849', across salt. Spotted 10 sack cement plug from 100' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned June 17, 1974

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

SIGNED B. Barbra TITLE Area Engineer DATE June 18, 1974

APPROVED BY John W. Remy TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

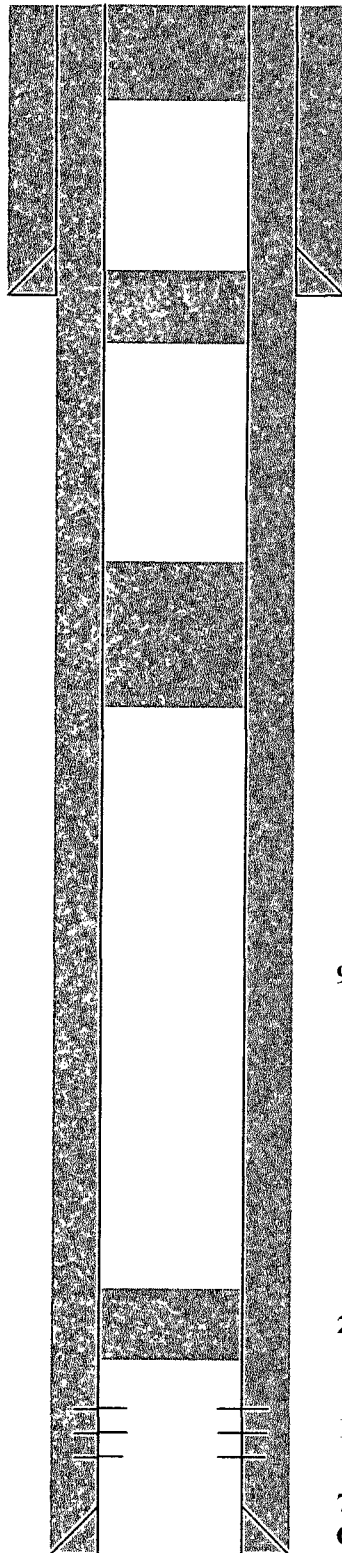
Magnatex Corporation

North Lake No. 1

API No. 30-025-29419

1980' FSL & 1980' FWL, Unit K

Section 2, T-22S, R-35E



**4 Sx. cement @
surface**

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

20 Sx. 350'-450'

20 Sx. 1,805'-1,905' across salt

9.2 lb. mud placed between plugs

20 Sx. @ 3,702'-3,847' (Tagged)

Perforations: 3,867'-3,910'

**7 7/8" Hole; 4 1/2" Csg. Set @ 4,000'
Cemented w/ 730 Sx.
Cement circulated to surface.**

T.D. 4,000'

Drilled: 11/85

Plugged: 7/86

Melrose Operating Co.

Form C-108, JFYSU

PA Schematic

North Lake No. 1

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

OIL 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.
E-267

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 ☐	7. Unit Agreement Name
2. Name of Operator Magnatex Corporation	8. Farm or Lease Name North Lake
3. Address of Operator One Marienfeld Place, Suite 405, Midland, TX 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>22S</u> RANGE <u>35E</u> N.M.P.M.	10. Field and Pool, or Wildcat Jalmat (Yates)
15. Elevation (Show whether DF, RT, GR, etc.) 3574.60 GR	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.

RU PU and bled pressure off well. Pulled pump and rods, then pulled tbgs. RIH open ended to 3930'. Circulated hole w/9.2# mud. Set plug #1, 20 sxs from 3847' up. Waited 3 hrs. and tagged top at 3702'. Set remaining plugs as follows:

#2	20 sxs	1805-1905'
#3	20 sxs	350-450'
#4	4 sxs	at surface

Welded cap on top and set 4' identifying marker. Well P&A'ed 7/23/86.

Casing left in hole: 400' 8 5/8"
4000' 4 1/2"

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

SIGNED Rennie Cameron TITLE Production Secretary DATE 8/5/86
APPROVED BY R. K. [Signature] TITLE OIL & GAS INSPECTOR DATE MAY 12 1987
CONDITIONS OF APPROVAL, IF ANY:

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	8.00	(Fe ⁺⁺)
Barium	2.40	(Ba ⁺⁺)
Strontium	68.30	(Sr ⁺⁺)
Manganese	1.04	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	704	(HCO ₃ ⁻)
Sulfate	1650	(SO ₄ ⁻)
Chloride	46200	(Cl ⁻)
Gases:		
Carbon Dioxide	60	(CO ₂)
Hydrogen Sulfide	68	(H ₂ S)

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 22S Range: 35E Sections: 1,2,3,10,11,12,13,14,15

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 11/17/2008

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 Co.
Form C-108, JFYSU
State Engineer
Fresh Water Well Data

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

 Champion
Technologies, Inc.
W A T E R A N A L Y S I S R E P O R T

PHONE: (505) 393-7726

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= 3032 mg/L

PRESENT= 626 mg/L

Melrose Operating Co.
Form C-108, JFYSU
Fresh Water Analysis

REPORTED BY JOY DUNCAN 

LAB TECHNICIAN

Form C-108

Affirmative Statement

Melrose Operating Company

Jalmat Field Yates Sand Unit Wells No. 106, 107, 167, 168, 178, 223, 224, 233, 234,
235, 236, 237, 240, 241, 242, 243 and 249

Sections 2, 11 & 12, T-22 South, R-35 East, NMPM,
Lea County, New Mexico

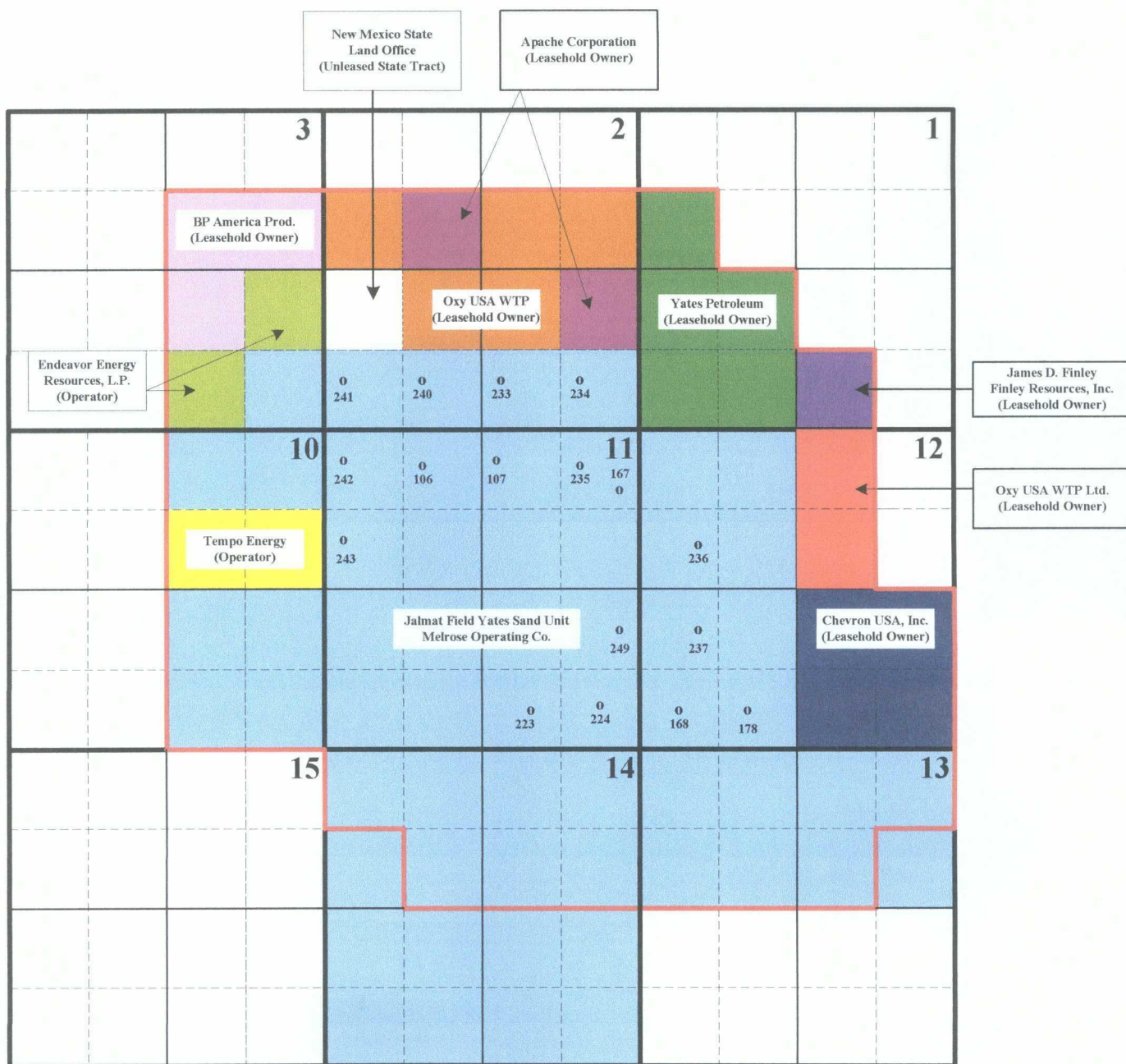
Available geologic and engineering data has been examined and no evidence of open faults or hydrological connection between the injection zone and any underground sources of drinking water has been found.



Tony Beilman
Operations Manager
Melrose Operating Company

12/31/08
Date

T-22 South



R-35 East

C-108 Notice Area

Melrose Operating Company
Form C-108 JFYSU Nos. 106, 107, 167, 168, 178, 223, 224,
233, 234, 235, 236, 237, 240, 241, 242, 243 and 249
Offset Operator/ Leasehold Owner Identification

January 2, 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. 106, 107, 167, 168, 178, 223, 224, 233,
234, 235, 236, 237, 240, 241, 242, 243 and 249
Jalmat Field Yates Sand Unit Waterflood Project
Sections 2, 11 & 12, 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. 106, 107, 167, 168, 178, 223, 224, 233, 234, 235, 236, 237, 240, 241, 242, 243 and 249 located in Sections 2, 11 and 12, 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

Melrose Operating Company
Form C-108: JFYSU Wells No. 106, 107, 167, 168, 178, 223, 224, 233,
234, 235, 236, 237, 240, 241, 242, 243 and 249
Sections 2, 11 & 12, 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)
Box 4791
Houston, Texas 77210-4791

W/2 NE/4 of Section 12, T-22S, R-35E
State Lease No. EO-0268-0007:

Oxy USA WTP Ltd. Partnership (Leasehold Owner)
Box 4294
Houston, Texas 77210-4294

SW/4 SE/4 of Section 1, T-22S, R-35E
State Lease No. EO-0395:

James D. Finley & wife, Charlotte Finley &
Finley Resources, Inc. (Leasehold Owners)
1308 Lake Street
Fort Worth, Texas 76102

Richard Scott Briggs (Leasehold Owner)
17 Meadowbrook Lane
Trophy Club, Texas 76262

Brent D. Talbot (Leasehold Owner)
904 Crescent Court
Highland Village, Texas 75077

Stephen M. Clark (Leasehold Owner)
P.O. Box 1325
Aledo, Texas 76008

Clinton Koerth (Leasehold Owner)
P.O. Box 2200
Fort Worth, Texas 76113

SW/4, SW/4 NW/4 of Section 1,
T-22S, R-35E
State Lease No. VB-0572:

Yates Petroleum Corporation (Leasehold Owner)
Yates Drilling Company (Leasehold Owner)
Myco Industries, Inc. (Leasehold Owner)
Abo Petroleum Corporation (Leasehold Owner)
105 South Fourth Street
Artesia, New Mexico 88210

NE/4 SW/4 & NW/4 SE/4 of Section 2,
T-22S, R-35E
State Lease No. EO-0266-0012:

Oxy USA WTP Ltd. Partnership (Leasehold Owner)
Box 4294
Houston, Texas 77210-4294

S/2 NE/4 & SW/4 NW/4 of Section 2,
T-22S, R-35E
State Lease No. EO-0267-0010:

Oxy USA WTP Limited Partnership (Leasehold Owner)
(Same as above)

Melrose Operating Company
Form C-108: JFYSU Wells No. 106, 107, 167, 168, 178, 223, 224, 233,
234, 235, 236, 237, 240, 241, 242, 243 and 249
Sections 2, 11 & 12, T-22S, R-35 East, NMPM, Lea County, New Mexico

Offset Operator/Leasehold Owner Notification List (Continued)

SE/4 NW/4, NE/4 SE/4 of Section 2, T-22S, R-35E State Lease No. EO-1625-0006:	Apache Corporation (Leasehold Owner) 2000 Post Oak Blvd. Suite 100 Houston, Texas 77056-4400
NW/4 SW/4 of Section 2, T-22S, R-35E:	New Mexico State Land Office (Unleased Acreage) P.O. Box 1148 Santa Fe, New Mexico 87504-1148
S/2 NE/4, NW/4 SE/4 of Section 3, T-22S, R-35E State Lease No. EO-8322-0001:	BP America Production Co. (Leasehold Owner) Box 22048 Tulsa, Oklahoma 74121
NE/4 SE/4, SW/4 SE/4 of Section 3, T-22S, R-35E:	Endeavor Energy Resources, L.P. (Operator) 110 N. Marienfeld Suite 200 Midland, Texas 79701
S/2 NE/4 of Section 10, T-22S, R-35E:	Tempo Energy, Inc. (Operator) Box 1034 Midland, Texas 79701

Surface Owner

Merchants Livestock Company
P.O. Box 1166
Carlsbad, New Mexico 88220

Additional Notice

Oil Conservation Divison (Hobbs Office)
1625 N. French Drive
Hobbs, New Mexico 88240

Form C-108
Melrose Operating Company
Jalmat Field Yates Sand Unit Wells No. 106, 107, 167, 168, 178, 223, 224, 233, 234,
235, 236, 237, 240, 241, 242, 243 and 249
Sections 2, 11 and 12, T-22 South, R-35 East, NMPM,
Lea County, New Mexico

Legal notice will be published on January 9, 2009 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. 106	660' FNL & 1650' FWL (Unit C) Section 11, T-22S, R-35E Injection Interval: 3,874'-4,035' Tansill-Yates-Seven Rivers
JFYSU Well No. 107	627' FNL & 2375' FEL (Unit B) Section 11, T-22S, R-35E Injection Interval: 3,850'-4,075' Tansill-Yates-Seven Rivers
JFYSU Well No. 167	990' FNL & 330' FEL (Unit A) Section 11, T-22S, R-35E Injection Interval: 3,806'-3,913' Tansill-Yates-Seven Rivers
JFYSU Well No. 168	620' FSL & 723' FWL (Unit M) Section 12, T-22S, R-35E Injection Interval: 3,808'-4,098' Tansill-Yates-Seven Rivers
JFYSU Well No. 178	528' FSL & 1869' FWL (Unit N) Section 12, T-22S, R-35E Injection Interval: 3,724'-3,852' Tansill-Yates-Seven Rivers
JFYSU Well No. 223	662' FSL & 1810' FEL (Unit O) Section 11, T-22S, R-35E Injection Interval: 3,854'-3,997' Tansill-Yates-Seven Rivers
JFYSU Well No. 224	681' FSL & 631' FEL (Unit P) Section 11, T-22S, R-35E Injection Interval: 3,832'-3,972' Tansill-Yates-Seven Rivers
JFYSU Well No. 233	688' FSL & 2375' FEL (Unit O) Section 2, T-22S, R-35E Injection Interval: 3,811'-4,034' Tansill-Yates-Seven Rivers
JFYSU Well No. 234	688' FSL & 1060' FEL (Unit P) Section 2, T-22S, R-35E Injection Interval: 3,818'-3,992' Tansill-Yates-Seven Rivers
JFYSU Well No. 235	627' FNL & 1060' FEL (Unit A) Section 11, T-22S, R-35E Injection Interval: 3,808'-4,098' Tansill-Yates-Seven Rivers
JFYSU Well No. 236	1980' FNL & 990' FWL (Unit E) Section 12, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers

JFYSU Well No. 237	1980' FSL & 990' FWL (Unit L) Section 12, T-22S, R-35E Injection Interval: 3,806'-4,072' Tansill-Yates-Seven Rivers
JFYSU Well No. 240	688' FSL & 1625' FWL (Unit N) Section 2, T-22S, R-35E Injection Interval: 3,834'-4,041' Tansill-Yates-Seven Rivers
JFYSU Well No. 241	720' FSL & 345' FWL (Unit M) Section 2, T-22S, R-35E Injection Interval: 3,835'-4,052' Tansill-Yates-Seven Rivers
JFYSU Well No. 242	625' FNL & 375' FWL (Unit D) Section 11, T-22S, R-35E Injection Interval: 3,795'-3,890' Tansill-Yates-Seven Rivers
JFYSU Well No. 243	1980' FNL & 330' FWL (Unit E) Section 11, T-22S, R-35E Injection Interval: 3,700'-4,200' Tansill-Yates-Seven Rivers
JFYSU Well No. 249	2030' FSL & 330' FEL (Unit I) Section 11, T-22S, R-35E Injection Interval: 3,700'-4,200' 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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or PO Box No. *105 S. Fourth Street*
City, State, ZIP+4 *Artesia, New Mexico 88210*

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Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 9.70

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Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 10.50

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Street, Apt. No.,
or PO Box No. *110 N. Marienfeld, Suite 200*
City, State, ZIP+4 *Midland, Texas 79701*

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Street, Apt. No.,
or PO Box No. *17 Meadowbrook Lane*
City, State, ZIP+4 *Trophy Club, Texas 76262*

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Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$11.70

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Street, Apt. No.,
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City, State, ZIP+4 *Houston, Texas 77210-4294*

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Street, Apt. No.,
or PO Box No. *904 Crescent Court*
City, State, ZIP+4 *Highland Village, Texas 75077*

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Return Receipt Fee (Endorsement Required)		\$2.20
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$10.50

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Sent To *James & Charlotte Finley*
Street, Apt. No.,
or PO Box No. *1308 Lake Street*
City, State, ZIP+4 *Fort Worth, Texas 76102*

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HOUSTON, TX 77210-4791

Postage	\$	\$6.80
Certified Fee		\$2.70
Return Receipt Fee (Endorsement Required)		\$2.20
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$11.70

0507

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01/06/2009

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Street, Apt. No.,
or PO Box No. *Box 4791*
City, State, ZIP+4 *Houston, Texas 77210-4791*

PS Form 3800, August 2006

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ALEDO, TX 76008

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Certified Fee		\$2.70
Return Receipt Fee (Endorsement Required)		\$2.20
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$10.50

0507

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01/06/2009

Sent To *Stephen M. Clark*
Street, Apt. No.,
or PO Box No. *P.O. Box 1325*
City, State, ZIP+4 *Aledo, Texas 76008*

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7007 2560 0003 1112 9226

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Total Postage & Fees	\$ 10.50	01/06/2009

Sent To *Tempo Energy, Inc.*
Street, Apt. No., or PO Box No. *Box 1034*
City, State, ZIP+4 *Midland, Texas 79701*

PS Form 3800, August 2006 See Reverse for Instructions

7007 2560 0003 1112 9219

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CARLSBAD-NH-88220 OFFICIAL USE

Postage	\$ 5.05	0507
Certified Fee	\$2.70	10
Return Receipt Fee (Endorsement Required)	\$2.20	Postmark
Restricted Delivery Fee (Endorsement Required)	\$0.00	JAN - 6 2009
Total Postage & Fees	\$ 9.95	01/06/2009

Sent To *Merchants Livestock Company*
Street, Apt. No., or PO Box No. *P.O. Box 1166*
City, State, ZIP+4 *Carlsbad, N.M. 88220*

PS Form 3800, August 2006 See Reverse for Instructions