

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. 30-025-35427
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		Lease Name or Unit Agreement Name Jalmat Field Yates Sand Unit	
Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Well No. 173	
Name of Operator Melrose Operating Co.		Pool name or Wildcat Jalmat (TN-YT-7R)	
Address of Operator PO Box 5061, Midland, TX 79704			
Well Location Unit Letter <u>F</u> <u>2630</u> Feet From The <u>North</u> Line and <u>1330</u> Feet From The <u>West</u> Line Section <u>11</u> Township <u>22S</u> Range <u>35E</u> NMPM <u>Lea</u> County			
Elevation (Show whether DF, RKB, RT, GR, etc.) 3613' GR			

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: ☐

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.

Spud 12-1/4" hole on 3/21/01. Drill to 488'. RIH w/8-5/8", 24#, J-55, csg. Set @ 423'. Cmt w/300 sx P+. Circ. WOC total of 18 hrs.
Drill 7-7/8" hole. TD @ 4200'. Reached TD 3/28/01. RIH w/96 jts 5-1/2", 15.5# csg. Set @ 4206'. Cmt w/525 sx HLP + 200 sx P+. Circ.
Release Rig 12 midnight 3/28/01.

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

SIGNATURE Bonnie Atwater TITLE Agent DATE 06-29-01

TYPE OR PRINT NAME Bonnie Atwater TELEPHONE NO. 915/685-1761

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

15
C

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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WELL API NO.
30-025-35427

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Jalmat Field Yates Sand Unit

8. Well No.
173

9. Pool name or Wildcat
Jalmat (TN-YT-7R)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____

2. Name of Operator
Melrose Operating Co.

3. Address of Operator
PO Box 5061, Midland, TX 79704

4. Well Location
Unit Letter F 2630 Feet From The North Line and 1330 Feet From The West Line
Section 11 Township 22S Range 35E NMPM Lea County

10. Date Spudded 03/21/01 11. Date T.D. Reached 03/28/01 12. Date Compl. (Ready to Prod.) 04/19/01 13. Elevations (DF & RKB, RT, GR, etc.) 3613 GR 14. Elev. Casinghead

15. Total Depth 4200 16. Plug Back T.D. 4160 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 3882-4106 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run LDT-CNL-GR & DLL-GR 22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# J-55	423	12-1/4	300 sx CI P+	--
5-1/2"	15.5# J-55	4200	7-7/8"	525 sx Hilite P + 200 sx CI P	--

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4106	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

3882 - 4106
(272 shots, 4" OD jet perf gun)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3882-4106	5400 gal 15% NEFE HCL
	70337 gal AmBorMax frac fl +
	160000# 16/30 Brady sd

28. PRODUCTION

Date First Production 04/19/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pmp 2-1/2x2-1/4x20x24 THEC				Well Status (Prod. or Shut-in) Prod	
Date of Test 05/05/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 58	Gas - MCF 28	Water - Bbl. 422	Gas - Oil Ratio 483
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 58	Gas - MCF 28	Water - Bbl. 422	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By
Tony Beilman

30. List Attachments
logs, deviation survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Bonnie Atwater Printed Name Bonnie Atwater Title Agent Date 06/05/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

New Mexico		New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 3340.0	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3826.0	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Oztte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
0.0	2400.0	2400.0	Anhy
2400.0	4100.0	1700.0	Dolo

APR 09 2001

WELL NAME AND NUMBER Jalmat Field Yates Sand Unit No. 173
LOCATION 2630' FNL & 1330' FWL, Section 11, T22S, R35E, Lea County NM
OPERATOR Melrose Operating Company
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° 488'</u>	<u>3/4° 4200'</u>	<u> </u>
<u>1/4° 1004'</u>	<u> </u>	<u> </u>
<u>1/2° 1502'</u>	<u> </u>	<u> </u>
<u>3/4° 2008'</u>	<u> </u>	<u> </u>
<u>3/4° 2502'</u>	<u> </u>	<u> </u>
<u>1° 3007'</u>	<u> </u>	<u> </u>
<u>1° 3507'</u>	<u> </u>	<u> </u>
<u>3/4° 4056'</u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: George A. Aho
George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 31th day of March,
2001.

Karma Tanbouldy
Notary Public

My Commission Expires: 8-25-2003 Chaves NM
County State

K2