

DISTRIBUTION
SANTA FE
FILE
U.S.G.S.
LAND OFFICE
OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6a. Indicate Type of Lease State ☒ Free ☐
6. State Oil & Gas Lease No. LG 0718

10. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
11. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name Yates "A" State
9. Well No. 1

2. Name of Operator MARTINDALE PETROLEUM CORPORATION
3. Address of Operator P. O. BOX 2403, HOBBS, NEW MEXICO 88241-2403

10. Field and Pool, or With in Sandhills Grayburg San Andres
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4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>487</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>20S</u> RGE. <u>39E</u> N.M.P.M.

12. County Lea

15. Date Spudded 12/15/81	16. Date T.D. Reached 12/24/81	17. Date Compl. (Ready to Prod.) 07/30/82	18. Elevations (DF, RKB, RT, GR, etc.) Temp. Aban. 3553.0GR	19. Elev. Casinghead
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20. Total Depth 4500'	21. Plug back T.D. 4449'	22. Is Multiple Complet. Now Many	23. Intervals Drilled By All	Rotary Tools	Cable Tools
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24. Producing Interval(s), of this completion — Top, Bottom, Zone 4350, 4368, San Andres 4382, 4400, San Andres	25. Was Directional Survey Made Yes
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26. Type Electric and Other Logs Run Cement Bond Log-Variable Density Compensated Neutron-Formation Density, Dual Laterolog Micro-SFL	27. Was Well Cored No
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CASING RECORD (Report all strings set in well)					AMOUNT PULLED	
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		
8 5/8"	23#/ft.	519'	12 1/4"	325sx Class "C" w/ 2% CaCl ₂	60sx	
5 1/2"	14#/ft.	4497'	7 7/8"	550sx HLC w/ 15#/sk salt, 5#/sk gilsonite, 3#/sk floccle, .5% CFR-2+350sx Class "C" w/.5% CFR-2, 5#/sk #3 sand, 3#/sk salt, .3% Hy-lad-4.		

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4412'	

31. Perforation Record (Interval, rate and number) 2 jet shots/ft. 4350', 4357', 4362', 4364', & 4368' 10holes (3)Treated w/500gals. Xylene+500gals. 15% HCl acid. (4)Treated w/150#block 50/50 rock salt-benzoic acid flakes. Acidized w/2000gals. 15% HCl acid. (5)Perforated 4382'-4400', acid w/block 3500gals. Sand concentration 1-3#/gal. 20/40 & 10/20 & 40/60	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPT. INTERVAL AMOUNT AND KIND MATERIAL USED 4350'-4368' 2000gals. 15% MOD 202 acid 24350'-4368' 10,000gals. gelled water & 10,000 gallons liquid CO ₂ . 36,000# sand + 57 ton CO ₂
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33. *****5 different treating stages***** PRODUCTION	Well Status (Prod. or Shut-in) Shut-in
Date First Production Production Method (Flowing, gas lift, pumping — Size and type pump) Pump — 1 1/2"x2"x16" RWTC rod pump	

Date of Test	Hours Tested	Choke Size	Flowing Per Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
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35. List of Attachments Logs and deviation surveys

36. 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.

SIGNED <u>[Signature]</u>	TITLE <u>Drilling & Production Clerk</u>	DATE <u>July 30, 1982</u>
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 on the well and a summary of all spectral tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, Item 34 through 38 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 105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1610'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1690'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2746'	T. Abo _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2889'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3129'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3877'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4336'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddeck _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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.	_____
No. 4, from _____ to _____ feet.	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1610'	1610'	Redbed				
1610'	1690'	80'	Anhydrite				
1690'	2746'	1056'	Salt & Anhydrite				
2746'	2889'	143'	Salt, Anhydrite & Sand				
2889'	3129'	240'	Anhydrite & Sand				
3129'	3877'	748'	Anhydrite & Lime				
3877'	4336'	459'	Anhydrite & Lime				
4336'	4500'	164'	Dolomite				
RECEIVED							
JUL 30 1982							
O.C.D.							
HOBBS OFFICE							

WELL NAME & NUMBER

Yates State "A" No. 1

LOCATION

SW 1/4, SE 1/4

SE 1/4, SW 1/4, Sec. 32, T-20-S, R-39-E

(Give Unit, Section, Township and Range)

OPERATOR

Martindale Petroleum Corp., P.O. Box 1955, Hobbs, New Mexico 88240

DRILLING CONTRACTOR

Kenai Drilling of Texas, Inc., P.O. Box 6725, Odessa, Texas 79762

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

Degrees @ Depth

Degrees @ Depth

Degrees @ Depth

Degrees @ Depth

1/4 520

3/4 962

1 1460

1 1810

1 1/4 2310

1 1/4 2833

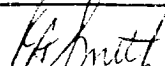
1 3/4 3364

1 1/2 3854

3/4 4500

Drilling Contractor Kenai Drilling of Texas, Inc.

By



Robert A. Smith, Adm. & Eng. Mgr.

Subscribed and sworn to before me this 11th day of January, 1982

Notary Public

Barbara J. LaGrone

My Commission Expires

9-18-85

Ector

County

Texas