

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
 JUL 9 1981

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR: **MARTINDALE PETROLEUM CORPORATION**

3. ADDRESS OF OPERATOR: **P. O. BOX 1955, HOBBS, NEW MEXICO 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface: **330' FNL & 990' FNL of Sec. 4**
 At top prod. interval reported below:
 At total depth:

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED: **05/22/81** 16. DATE T.D. REACHED: **06/01/81** 17. DATE COMPL. (Ready to prod.): **07/03/81** 18. ELEVATIONS (DF, RESB, RT, GR, ETC.): **3551.16R**

20. TOTAL DEPTH, MD & TVD: **4500'** 21. PLUG, BACK T.D., MD & TVD: **4447'** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY: **All**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4321', 4335', ~~San Andres~~ Grayburg

25. WAS DIRECTIONAL SURVEY MADE: **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN: **Compensated Neutron-Formation Density, Dual Laterolog, & Cement Bond**

27. WAS WELL CORED: **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23.1/ft.	490'	12-1/4"	125sx Class "G" w/ 2% CaCl.	45sx
5-1/2"	14.2/ft.	4492'	7-7/8"	350sx Class "G" w/ .5% CFR-2, 5#/sk sand, 3#/sk salt & .3 Hylad 4 + 575sx Halclo lite w/ 15#/sk salt, 5#/sk gilsonite, 1#/sk floccule & .5% CFR-2	200sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4253'	

31. PERFORATION RECORD (Interval, size and number)
4321', 4324', 4328', 4332', & 4335'
Hole size 0.40" 10 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4321'-4335'	2000gals. MOD202 w/ 20RCMBs.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
07/03/81		Swabbing		Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
07/03/81	3			9.54	27.3
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
			28.6	83.5	-0-
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY		
Sold to Getty Oil Company			Veteto		

35. LIST OF ATTACHMENTS: **4 copies of deviation surveys + 2 copies of logs**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Judy J. Jandusky
 TITLE: Agent

DATE: July 7, 1981

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: **Duncan Federal**

9. WELL NO.: **1**

10. FIELD AND POOL, OR WILDCAT: **Sandhills Grayburg San Andres**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: **Sec. 4, T-21S, R-33E**

12. COUNTY OR PARISH: **Lea** 13. STATE: **NM**

19. ELEV. CASINGHEAD

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

30. LUGS

32. LUGS

***(See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	-0-	1620'	Redbed			
Top Salt	1620'	1700'	Anhydrite & salt			
Base Salt	1700'	2760'	Anhydrite & salt			
Fates	2760'	2900'	Anhydrite & salt			
Seven Rivers	2900'	3140'	Anhydrite & sand			
Green	3140'	3878'	Anhydrite, sand & lime			
San Andres	3878'	4045'	Lime			
	4045'	4337'	Lime & dolomite			
	4337'	4447'				

RECEIVED
JUL 21 1981
U.S. GEOLOGICAL SURVEY