

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-034548	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MARTINDALE PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME Deck Federal	
3. ADDRESS OF OPERATOR Box 1955, Hobbs, NM 88240		8. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 890' FNL 2210' FEL Sec. 18, T-22S, R-37E NMPM At top prod. interval reported below At total depth		9. FIELD AND POOL, OR WILDCAT Undesignated	
14. PERMIT NO.		13. STATE NM	
DATE ISSUED 9/27/77		12. COUNTY OR PARISH Lea	
15. DATE SPUDDED 12/6/77	16. DATE T.D. REACHED 12/22/77	17. DATE COMPL. (Ready to prod.) 1/23/78	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3415.3 GR
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 6765'		
21. PLUG, BACK T.D., MD & TVD 6726'		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6429'-6600' Drinkard		25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity, Dual laterlog Micro SFL		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	K-55 24# new	1068'	11 1/4"
5 1/2"	K-55 17-20# new	6726'	7 7/8"
CEMENT STAGE #2 (prod) 500' 15# salt/sx.		CEMENTING RECORD	
300' sx. Circ 150' to surface.		375' 4x Class C+2% Colcl - Cir. 50' 4x to surf	
		500' gals mud flush w/450' 8# salt/sx & 400' w/1% CFR-2 10# sand/sx & 8# salt/sx. Cir. 100' 4x to surf	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"		6420'	
31. PERFORATION RECORD (Interval, size and number)			
2 shots per ft/ 0.40 inch			
6439-41' 6564-66'			
6458-60' 6587-89'			
6491-93' 6598-6600'			
6533-35'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6439-41'		500 gals acid 15% NE	
6458-60'		500 gals acid 50% benzoic acid fls	
6491-93'		500 gals acid 50% benzoic acid fls	
6533-35'		500 gals acid	
33.* 6587-89' 6598-6600-500 gals acid 6564-66 500 gals acid			
DATE FIRST PRODUCTION 1/23/78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flow	
HOURS TESTED 6		CHOKE SIZE various	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 24	
GAS—MCF. 5		WATER—BBL. 6.25 LW	
GAS-OIL RATIO 208		FLOW. TUBING PRESS. 50-250#	
CASING PRESSURE packer		CALCULATED 24-HOUR RATE →	
OIL—BBL. 96		GAS—MCF. 20	
WATER—BBL. 25		OIL GRAVITY-API (CORR.) load & acid water	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold to Getty Oil Company - vented		TEST WITNESSED BY Burton Veteto	
35. LIST OF ATTACHMENTS 2 copies logs and 4 copies deviation survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE Secretary-Treasurer	
DATE January 25, 1978			

*(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 33, 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	1180	Anhydrite			
Salt Top	1180	2435	redbed, salt "			
Base Salt	2435	2618	" "			
Yates	2618	2849	Anhydrite, salt stringers			
Seven Rivers	2849	3318	Sand, dolomite, shale, Lime "			
Queen	3318	3435	" " "			
Perrine	3435	3612	" " "			
Grayburg	3612	3883	" " "			
San Andres	3883	5096	Dolomite			
Glauceta	5096	5412	Lime and anhydrite			
Blinn	5412	6131	Lime			
Tubb	6131	6429	" "			
Delinhard	6429	6726	" "			

WELL NAME AND NUMBER ok Federal #1

LOCATION Sec. 18, T-22-S, R-37-E
(New Mexico give U,S,T & R; Texas give S,Blk.,Sur.& Twp.when required)

OPERATOR Hartindale Petroleum Corp.

DRILLING CONTRACTOR CAPITAN DRILLING COMPANY, INC.

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:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 500</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 1069</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 1638</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/4 2283</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/4 2720</u>	<u> </u>	<u> </u>	<u> </u>
<u>2 2050</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/2 3255</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 3425</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4 3587</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 3920</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4 4400</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4 4900</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 5290</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 5791</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor CAPITAN DRILLING COMPANY, INC.

By 
W. N. Rees, Jr.
Vice President

Subscribed and sworn to before me this 27 day of January, 19 78

My Commission Expires:
2/24/79


Brenda Stone Notary Public
Ector County, Texas



FEB 7 1978
U.S. MAIL
COMM. DIV.
NO. 4