

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY TO O.G.C. STATE

(See other INSTRUCTIONS on reverse side)

Form approved.
Budget Bureau No. 41-R355.8.

LEASE DESIGNATION AND SERIAL NO.

NM-04229-B

C. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		2. UNIT AGREEMENT NAME ---	
3. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPERFORATION ☐ PLUG BACK ☐ REPERFORATION ☐ Other ☐		4. FARM OR LEASE NAME SRM-1252	
5. NAME OF OPERATOR Grace Petroleum Corporation		6. NEW MEXICO FEDERAL "F" Comm.	
7. ADDRESS OF OPERATOR P. O. Drawer 2358, Midland, Texas 79702		7. WELL NO. 1	
8. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations) At surface 1930' FWL & 4650' FSL At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT Undesignated	
14. PERMIT NO. Letter of		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 5, T-21-S, R-32-E	
DATE ISSUED 6-26-78		12. COUNTY OR PARISH Lea	
15. DATE SPUN 7-20-78		13. STATE N. M.	
16. DATE T.D. REACHED 9-16-78		19. ELEV. CASINGHEAD 3665'	
17. DATE COMPL. (Ready to prod.) 10-30-78		20. TOTAL DEPTH, MD & TVL 14306'	
21. PLUG BACK T.D., MD & TVL 14080'		22. IF MULTIPLE COMPL. HOW MANY? ---	
23. INTERVALS DRILLED BY ---		24. ROTARY TOOLS 0 - 14306'	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVL)* 13803' - 14034' Morrow		26. WAS DIRECTIONAL SURVEY MADE No	
27. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Velocity Neutron Log, Forxo-Guard Log, Combination Micro-Seismogram Fracture Finder Bond Log, Radioactivity Log		28. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well) * Circulated Cement			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	BOLT SIZE
13 3/8"	54.5#	496'	17 1/2"
9 5/8"	53.5#	5176'	12 1/2"
5 1/2"	17 & 20#	14306'	7 7/8"
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKER SET (MD)
2 7/8"		13464'	13464'
31. PERFORATION RECORD (Interval, size and number)			
See attached sheet for perforation record.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
14128-14193'		2200 gals 10% Morrowflo acid (plcd off w/CIBP)	
13966-14034'		200 gals 10% Morrowflo acid	
13803-14034'		4700 gals 10% Morrowflo acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 1-25-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 1-31-79		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24 hrs.	CHOKER SIZE 15/64"	OIL—BBL. 44	GAS—MCF. 2800
WATER—BBL. -0-	GAS—OIL RATIO 63636		
CASING PRESSURE 2150	FLOW. TUBING PRESS. -0-	WATER—BBL. -0-	GAS—OIL RATIO 54.0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
TEST WITNESSED BY Clarence Forister			
35. LIST OF ATTACHMENTS Perforation Record, C-122, Deviation Report (Logs previously submitted on 1-4-79)			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Buddy J. Knight		TITLE District Production Manager	
DATE 2-1-79			

*(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.)

31. SUMMARY OF POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVAL; AND ALL DRILL-STEM TESTS, INCLUDING 38.
DEPTH INTERVAL TESTED, CURTAIN USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECORDS

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN DEPTH	TRUE VERT. DEPTH
				Rustler Anhy: (Base Red Beds) Yates	1222'	
				Capitan Reef	3150'	
				Delaware Mtn. Sands	3320'	
				Bone Springs	5215'	
				Wolfcamp	8353'	
				Strawn	11050'	
				Atoka	12618'	
				Upper Morrow	12784'	
				Lower Morrow	13348'	
				Barnett Shale	14090'	
					14244'	

NEW MEXICO FEDERAL "F" COMM. #1
PERFORATION RECORD

Individual Zones perforated as follows:

<u>Depth</u>	<u>Size of Holes</u>	<u>No. Holes</u>	
13803-819'	0.39"	17	
13893-900'	0.39"	8	
13910-914'	0.39"	5	
13966-972'	0.39"	7	
14016-022'	0.39"	7	
14028-034'	0.39"	7	
14128-132'	0.39"	5	
14162-168'	0.39"	7	
14184-193'	0.39"	10	Plugged off w/CIBP @ 14100' w/2 sx cmt on top (PBSD 14080')