

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.3.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078563	
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 Grace Petroleum Corporation				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1515 Arapahoe, #200, 3 Park Central, Denver, CO 80202				8. FARM OR LEASE NAME Federal 24	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 950' FNL & 1640 FNL At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Escrito-Gallup	
15. DATE SPUDDED 3-13-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 24, 24N-7W	
16. DATE T.D. REACHED 3-23-80				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 7-23-80				13. STATE NM	
18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 6644 GL				19. ELEV. CASINGHEAD 6644	
20. TOTAL DEPTH, MD & TVD 5720		21. PLUG, BACK T.D., MD & TVD 5677		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED #1 _____ #2 _____ #3 _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 5296-5550	
25. TYPE ELECTRIC AND OTHER LOGS RUN GR, SP, induction electrolog, compensated density neutron				26. WAS DIRECTIONAL SURVEY MADE Yes	
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#/ft		330	
4.5		10.5#/ft		5717	
DV tool				3001	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12.25		800 sx Cls "B"			
7.875"		1st stg 275 sx 65/35 Pozmix + 2% gel + 6#/sx gilsonite + 10% salt			
		400 sx 50-50 Pozmix			
29. LINER RECORD		30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)	
NA					
SACKS CEMENT*		SCREEN (MD)		SIZE	
				2-3/8"	
DEPTH SET (MD)		PACKER SET (MD)			
		NA			
31. PERFORATION RECORD (Interval, size and number) 5550, 5540, 5513, 5511, 5480, 5473, 5474, 5472 5454, 5452, 5376, 5373, 5367, 5360, 5356, 5326 5324, 5316, 5312, 5308, 5304, 5300, and 5296 .38 inch holes (23 shots)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5296-5550		Acidize w/500 gal 15% HCL			
		Frac w/65,000 gal Versa Gel			
		and 130,000# 20/40 sd			
33.* PRODUCTION					
DATE FIRST PRODUCTION 7/18/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plunger lift 1.25"			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 7/18/80	HOURS TESTED 24	CHOKE SIZE NA	PROD'N. FOR TEST PERIOD →	OIL—BBL. .84	GAS—MCF. 5
FLOW. TUBING PRESS. NA	CASING PRESSURE 450	CALCULATED 24-HOUR RATE →	OIL—BBL. .84	GAS—MCF. 5	WATER—BBL. TR
OIL GRAVITY-API (CORR.) 5.95					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test				TEST WITNESSED BY Dick Harris	
35. LIST OF ATTACHMENTS					

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

SIGNED Kim D. LuckeTITLE Operations EngineerDATE 10/7/80

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

FARMINGTON DISTRICT

BY 2

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
				Ojo Alamo	1104'
				Kirtland-Fruitland	1544'
				Picture Cliffs	2024'
				Lewis	2118'
				Chacra Zone	2480'
				Laventana	2794'
				Cliff House	3532'
				Menefee	3686'
				Point Lookout	4254'
				Mancos Shale	4508'
				Upper Gallup	5270'
				Middle Gallup	5340'
				Lower Gallup	5436'