

UNITED STATES -
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

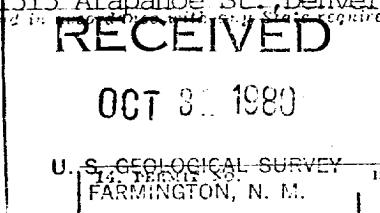
SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved
Budget Bureau No. 42-10355-5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL ☒ GAS ☐ BR ☐ Other _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ REPER ☐ PLUG ☐ PIPE ☐ RESER ☐ Other _____		8. FARM OR LEASE NAME	
2. NAME OF OPERATOR Grace Petroleum Corporation		Vandenburg	
3. ADDRESS OF OPERATOR Three Park Central-Ste. 200, 1515 Arapahoe St., Denver, Colo. 80202		9. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements) At surface 960' FNL, 1750' FWL		10. FIELD AND POOL, OR WILDCAT Lybrook	
At top prod. interval reported below		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 11-23N-7W	
At total depth		12. COUNTY OR PARISH Rio Arriba	
14. PERMIT NO. FARMINGTON, N. M.		13. STATE New Mexico	



15. DATE SPUDDED 6-29-80	16. DATE T.D. REACHED 7-7-80	17. DATE COMPL. (Ready to prod.) 10-4-80	18. ELEVATIONS (DP, BBL, RT, GR, ETC.)* 7006 KB	19. ELEV. CASINGHEAD 6992
-----------------------------	---------------------------------	---	--	------------------------------

20. TOTAL DEPTH, MD & TVD 5640'	21. PLUG, BACK T.D., MD & TVD 5598	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY → X	24. WAS DIRECTIONAL SURVEY MADE Yes
------------------------------------	---------------------------------------	-----------------------------------	---------------------------------	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Gallup 5364-5556	25. WAS WELL CORED No
--	--------------------------

26. TYPE ELECTRIC AND OTHER LOGS RUN GR, Cyberlook, CNFD, ISF, CBL

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENT	AMOUNT PULLED
8.625	24	328	12.25	240 sx	circulated
4.5	10.5	5640	7.875	125 sx 50:50:2+6.25#	gilsonite 1 sx+7#
				salt/sx tailed w/50 sx CIs	"B", 2nd stage
				600 sx 50:50:2+7# salt	X sx tailed w/50sx

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375	5490	NA

31. PERFORATION RECORD (Interval, size and number) 5556, 46, 40, 36, 02, 5498, 492, 86, 62, 58 54, 5394, 88, 80, 76, 70, 64	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 5556-5364 AMOUNT AND KIND OF MATERIAL USED 81,000 gal gelled wtr + 120,000 lb 20-40 sand
---	--

33.* PRODUCTION	
DATE FIRST PRODUCTION 10-4-80	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 1.25" pump
WELL STATUS (Producing or shut-in) producing	

DATE OF TEST 10-26-27-80	HOURS TESTED 48	CHOKED SIZE NA	PROD'N. FOR TEST PERIOD →	OIL--BBL. 37.31	GAS--MCF. TSTM	WATER--BBL. trace	GAS-OIL RATIO -
FLOW, TUBING PRESS. 25	CASING PRESSURE 100	CALCULATED 24-HOUR RATE →	OIL--BBL. 18.66	GAS--MCF. trace	WATER--BBL. trace	OIL GRAVITY-API (CORR.) 40.3	

31. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	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 <u>Kim D. Luke</u> TITLE: <u>Operations Engineer</u> DATE: <u>10/7/80</u>

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

NMOCG

BY K

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 28, 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 logs, 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 28.

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 15: 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 23. 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 25: "Stacks Concept". 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.)

27. SUMMARY OF LOGS AND CONTENTS THEREOF:

SHOW ALL INTERVAL ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DUAL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, COUSION FWD, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
-----------	-----	--------	-----------------------------

28.

GEOLOGIC MARKERS

NAME	TOE
MEAS. DEPTH	TRUE VERT. DEPTH

Cretaceous	904
OJO	1590
Kirtland	1815
Fruitland	1945
Pictured Cliffs	2103
Lewis	2428
Chacra	2590
Base Chacra	2792
La Ventana	3494
Cliffhouse	3562
Menefee	4278
Point Lookout	4548
Mancos	5332
Upper Gallup	5400
Middle Gallup	5479
Lower Gallup	5552
Lower Mancos	