

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

Budget Project No. 42-P2355

5. LEASE DESIGNATION AND SERIAL NO.

SF 078360

6. IF INDIAN, ALLEGE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DEY ☐ Other

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. LEAVE ☐ Other

3. NAME OF OPERATOR

Grace Petroleum Corporation

4. ADDRESS OF OPERATOR

Three Park Central, Ste 200, 1515 Arapahoe, Denver, Colo. 80202

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2245 FNL 790 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED 7/8/80 16. DATE T.D. REACHED 7/28/80 17. DATE COMPL. (Ready to prod.) 10/7/80 18. ELEVATIONS (DE, RMB, RT, CR, ETC.)* 7092 KB 19. ELEV. CASINGHEAD 7080 CL

20. TOTAL DEPTH, MD & TVD 5760 21. PLUG BACK T.D., MD & TVD 5718 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup 5430-5630

25. TYPE ELECTRIC AND OTHER LOGS RUN

GR, DIFL, CDNL, CBL

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625	24	327	12.25	250 sx class "B" + 2% CaCl ₂	circulated
4.5	10.5	5760	7.875	270 sx 50:50:2+7# salt/sx + 6.25# gilsonite/sx 2nd stage 885	sx 50:50:2+7# salt/sx tailed w/50 sx cls "B"
D V Tool		3010			

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
NA					2.375	5614

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5430-51		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5522-32		5430-5630	49,710 gal gelled wtr +
5544-54	26 shots .34"		112,000 lbs 20-40 sand
5626-30			

23. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/9/80		1.25" pump				SI	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-18-21-80	72	NA		62.10	TSTM	trace	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
25	100		20.7	trace	trace	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 Kim D. Lucke

TITLE Operations Engineer

DATE 10/17/80

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

NNHSCC

1980

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 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 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: "Notes General": 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 FORMER ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION TIME, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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38. GEOLOGIC MARKERS

NAME	DEPTH	TOP	TRUE VERT. DEPTH
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Formations
Ojo Alamo 822
Kirland Fruitland 1541
Pictured Cliffs 2058
Lewis Shale 2146
Chacra Zone 2480
LaVentana 2850
Cliffhouse 3570
Menefee 3670
Point Lookout 4316
Mancos Shale 4550
Top Gallup 5284
Upper Gallup A N/A
Upper Gallup B 5404
Middle Gallup 5422
Lower Gallup A 5510
Lower Gallup B 5542