

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. ARM OR LEASE NAME

Federal 35

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lybrook

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35-T24N-R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Grace Petroleum Corporation

3. ADDRESS OF OPERATOR

Suite 200
1515 Arapahoe Street, 3 Park Central, Denver, CO 80202

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

At surface NWNW 890' FNL, 830' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8-7-80

16. DATE T.D. REACHED

8-17-80

17. DATE COMPL. (Ready to prod.)

10-28-80

18. ELEVATIONS (OF, REB, RT, GR, ETC.)*

7021' KB

19. ELEV. CASINGHEAD

7009'

20. TOTAL DEPTH, MD & TVD

5820'

21. PLUG BACK T.D., MD & TVD

5778'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup 5298' - 5652'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, DIL, FDC-CNL, CBL, SP

27. WAS WELL CORED

No

28. 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	328'	12.25"	260 sx "B"+ 2% CaCl ₂	Circulated
4.5	10.5	5820'	7.875"	260 sx 50:50:2+6.25% Gilsonite/sx +	
				7# salt/sx, 2nd stg 710 sx 50:50:2	
DV Tool		2789'		tailed in w/50 sx Cls "B"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2.375	5622'	N/A

31. PERFORATION RECORD (Interval, size and number)

5298-5304	5600-06	47 shots
5412-16	5642-52	.34" hole
5472-88		
5516-24		
5532-42		

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5298-5652'	61,000 gal Gwx-7 +
	39,000 lb. 20-40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-30-80		1.25" pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BRL.	GAS—MCF.	WATER—BRL.	GAS-OIL RATIO
10/31-11/3/80	96	N/A	→	13.44	TSTM	Trace	—
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BRL.	GAS—MCF.	WATER—BRL.	OIL GRAVITY-API (CORR.)	
25	100	→		3.36	TSTM	40.3	

34. 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 E. Lucke

TITLE

operations manager

DATE

11-3-80

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

1 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 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			39. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	820'	
				Kurtland	1682'	
				Pictured Cliffs	2152'	
				Lewis Shale	2260'	
				Chacra Zone	2586'	
				La Ventana	2950'	
				Cliff House	3684'	
				Menefee	3756'	
				Pt. Lookout	4408'	
				Mancos	4660'	
				Top Gallup	5296'	
				Upper Gallup "A"	5470'	
				Upper Gallup "B"	5491'	
				Middle Gallup	5507'	
				Lower Gallup "A"	5594'	
				Lower Gallup "B"	5634'	