

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF-078362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

OR LEASE NAME

Federal 1

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Lybrook

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

Sec 1-23N-7W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

NM

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

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

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

At surface

1650' FNL, 840'

At top prod. interval reported below

At total depth

14. PROPOSED

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

DATE ISSUED

15. DATE SPUNDED

6/20/80

16. DATE T.D. REACHED

7/3/80

17. DATE COMPL. (Ready to prod.)

9/9/80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6811' KB

19. ELEV. CASINGHEAD

6799'

20. TOTAL DEPTH, MD & TVD

5500

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

5481

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Gallup 5140-5424

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR - CNL, CBL

23. 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	335	12.25	240 sx cla "B" + 2% CCL	circulated
4.5	10.5	5500	7.875	125 sx 50:50:2 + 6.25#-gilsonite + 7#	
				salt/sx tail w 50 sx "B"	2stg. 525 sx 50:
DV	Tool	3020		50:2 + 10% salt-tail w 50 sx "B"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					2.375	5144	NA

31. PERFORATION RECORD (Interval, size and number)

5140-50 5414-24
5240-70
5332-38 44 shots .34"
5370-90

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5140-5424	52000 gal mini max II
	74000 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)	
9/9/80		Plunger lift 1.25"				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/9/13/80	120	NA	→	124.5	50	trace	.40
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
NA	500	→	24.9	10	trace	40.3	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

TEST WITNESSED BY

Gerald Rogers

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. LuchaTITLE Operations EngineerDATE 10/19/80OCT 23 1980

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

FARMINGTON, N.M.

BY L

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.), formations 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:				38. GEOLOGIC MARKERS			
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.	NAME	MEAS. DEPTH	TOP	TRUE VENT. DEPTH
				Ojo Alamo	745		
				Kirtland -			
				Fruitland	1485		
				Pictured Cliffs	1880		
				Lewis	2005		
				Chacra	2305		
				Base Chacra	2433		
				La Ventana	2686		
				Cliffhouse	3340		
				Menefee	3525		
				Point Lookout	4138		
				Mancos	4425		
				Gallup	5190		