

RECEIVED BY

 NOV 18 1983 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 Drawer DP
 Artesia, 88210

UNITED STATES

SUBMIT IN ORIGINAL

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

5. LEASE DESIGNATION AND SERIAL NO.

LC - 068064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grier Federal

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Square Lake-Grayburg-SA

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

31 - 16S - 31E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPCCDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

9-15-83

9-20-83

10-9-83

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

3814.7 GL

19. ELEV. CASINGHEAD

3815.7'

20. TOTAL DEPTH, MD & TVD

3414'

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

3370'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

San Andres - Lovington 3250 - 3270

Grayburg - Premier 3070 - 3119 Metex - 3040-46

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Litho Density, Dual Laterolog Micro-SFL and Gamma-Collar Perforation Log

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
8-5/8"	24.0#	1560'	12-1/4"	975 sx - circulated	None
5-1/2"	15.5#	3401'	7-7/8"	750 sx - circulated	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3275' KB	

31. PERFORATION RECORD (Interval, size and number)

Lovington: 3250-52 & 3268-70 @ 2 SPF
 w/.42" diam Total = 8 holes
 Premier: 3070-75 & 3111-19 @ 1 SPF
 Metex: 3040-46 @ 1 SPF
 Total Grayburg perfs = 19

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3250-3270	Acidized w/1000 gal 15% Acid
3250-3270	Fraced w/15,000 gals gel + 180,000# sand
3040-3119	Acidized w/1500 gal 15% Acid
3040-3119	Fraced w/60,000 gals gel + 125,000 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-18-83		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-6-83	24	None	→	20	TSTM	211		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
40#	40#	→	20	TSTM	211	37.5°		

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

Used for fuel.

TEST WITNESSED BY

Kent Goodgion

35. LIST OF ATTACHMENTS

2 Copies each of Deviation Survey, T* Survey and Logs

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from (Initials and Signature)

(ORIG. SCD) DAVID R. GLASS

SIGNED

Truman D. Jones

TITLE

Field Foreman

NOV 16 1983

DATE November 7, 1983

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

ROSWELL, NEW MEXICO

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 30.

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		38. GEOLOGIC MARKERS		
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	NAME	
			MEAS. DEPTH	
			TRUE VERT. DEPTH	
Red Bed	0'	290'		
Rustler Anhy.	290'	520'		
Top Salt	520'	1350'		
Tansill	1350'	1510'		
Yates	1510'	1630'		
7-Rivers	1630'	2165'		
Queen	2165'	2407'		
Penrose(Queen)	2407'	2817'		
Grayburg	2817'	3143'		
San Andres	3143'	T D		