

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

U.S. GEOLOGICAL SURVEY COPY
SUBMIT IN DUPLICATE
(See instructions on reverse side)

Copy to 91
Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-3620

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hannifin-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Shugart (V-SR-Q-6)

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

1-19S-31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other **RECEIVED**

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESRV. Other **JUN 30 1978**

2. NAME OF OPERATOR
Joe Don Cook ✓

3. ADDRESS OF OPERATOR
P.O. Box 159, Roswell, NM 88201 **G.O.C. ARTESIA, OFFICE**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Unit Letter "L": 330' from west, 2110' from south.
At top prod. interval reported below 3482-3514'
At total depth 4236'

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 10-30-77 16. DATE T.D. REACHED 2-14-78 17. DATE COMPL. (Ready to prod.) 4-28-78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3617GI-3627KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4236 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 3006' 24. ROTARY TOOLS 1230' 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3482-3514' Queen
4102-4110' Grayburg 25. WAS DIRECTIONAL SURVEY MADE yes

TYPE ELECTRIC AND OTHER LOGS RUN
Sonic, Simultaneous Dual Laterologs 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"	new	671'	10"	50 Circulator	
4 1/2"	9.5#	4226'	7"	375 Class "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

3480-3514	20 shots in all
3494-99	10 shots
3502-04	6 shots
3512-14	4 shots
4102-10	16 shots

32. ACID, SHT. STRUCTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3480-3514'	Spot acid-1000 gal. 15% NC 1000 gal. 15% "J" acid
4102-4110'	Frac. Perfs. 20,000# 20/40 sand & 20,000 gal. 20# gel

33. PRODUCTION water @ 3700# pressure.

DATE FIRST PRODUCTION 4-29-78 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-28-78	24		→	24	28	5	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	33	28	5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold--Continental Oil Company TEST WITNESSED BY Ray Westall (Pumper)

35. LIST OF ATTACHMENTS
Form 9-331

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Linda Applegate* TITLE Secretary DATE 6-28-78

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