

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

LC 029410 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM, OR LEASE NAME

BROWN FEDERAL

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Malj. Grayburg SA

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

Sec. 31-T17S-R32E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

14. PERMIT NO.

30-025-30438

DATE ISSUED

9-14-88

15. DATE SPUDDED

9-16-88

16. DATE T.D. REACHED

9-25-88

17. DATE COMPL. (Ready to prod.)

10-09-88

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

3894.3' GR

19. ELEV. CASINGHEAD

3894.3 GR

20. TOTAL DEPTH, MD & TVD

4200'

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

4163'

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

0'-4200'

CABLE TOOLS

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

3904'-4059' Grayburg/SA

25. WAS DIRECTIONAL
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DSN

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#	825'	12 1/2	500 sx cir.	
5 1/2	17#	4163'	7 7/8	500 sx class C cir.	

29. LINER RECORD

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

31. PERFORATION RECORD (Interval, size and number)

3904	3933	3964	4000	4043
10	41	78	16	51
12	45	88	24	59
19	58	97	34	
23	60	98	41	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3904'-4059'	1000 gal 15% NE acid
	Frac perfs w/80,000 gal
	30# gel wtr, 400 sx 20-40,
	sand, 600 sx 1220, 200 sx
	8/16. Flowing back.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-09-88	Flowing back	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-10-88	24			80	100	frac	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			80	100	frac		

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

sold

TEST WITNESSED BY

Robert Chase

35. LIST OF ATTACHMENTS

Deviation survey, logs to follow.

ACCEPTED FOR RECORD

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

SIGNED

TITLE

Production clerk

DATE

10-11-88

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

GRABSBAD, NEW MEXICO

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 report 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 POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORREL INTERVALS, AND ALL DAILY-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	VERT. DEPTH
	0'	110'	Sand	Grayburg San Andres	3550' 4029'		
	110'	540'	Red Rock				
	540'	553'	Sand				
	553'	900'	Red Rock				
	900'	1050'	Anhydrite				
	1050'	2100'	anhydrite--salt				
	2100'	2300'	Anhydrite--shale				
	2300'	2425'	anhydrite				
	2425'	2505'	Shale-anhydrite-dolomite				
	2505'	2550'	anhydrite-shale				
	2550'	3590'	" " -dolomite				
	3590'	3680'	Dolomite & sand				
	3680'	3850'	" & shale				
	3850'	4200'	" sand				