

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.

NM-098591-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mallard-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 33, T-9-S, R-34-E

12. COUNTY OR
PARISH

Lea

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

Major, Giebel & Forster

3. ADDRESS OF OPERATOR

1126 Vaughn Bldg, Midland, Texas 79701

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

At surface Unit A, 660 FNL, 660 FEL, Sec. 33, T-9-S, R-34-E

Lea County, New Mexico

At top prod. interval reported below

Same.

At total depth Same.

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

7/31/68

16. DATE T.D. REACHED

8/29/68

17. DATE COMPL. (Ready to prod.)

9/7/68

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

4244 GL; 4256 KB

19. ELEV. CASINGHEAD

4215

20. TOTAL DEPTH, MD & TVD

9890 TD

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

9836 PBD

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

ROTARY TOOLS

Rotary

CABLE TOOLS

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

Bough "C" 9799 to 9805

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustic Velocity & Guard 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
11-3/4	42#	350	15"	350 sx	None
8-5/8	24# & 32#	4050	11"	400 sx	None
5-1/2	17#	9890	7-7/8"	400 sx	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	9815	9712

31. PERFORATION RECORD (Interval, size and number)

9799-9805 w/2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9799-9805	500 gal NE double inhibited acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/7/68		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/8/68	24	35/64	→	458		23	1200
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
170	Packer	→	458	550	23	46.9°	

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

Sold

TEST WITNESSED BY

James S. Parks

35. LIST OF ATTACHMENTS

Form 9-331, Inclination report, Acoustic Velocity Logs & Guard Logs

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

SIGNED

William B. Kern

TITLE Engineer

DATE 9/12/68

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 (diplogs, geologists' sample and core analysis, all type 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 12: 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 TESTS, CUSHION TESTS, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	DEPTH	TOP
Bough "C"	9793	9813	Limestone, tan to buff, finely crystalline, small pinpoint vuggy porosity.	Rustler Anhydrite	2106	
			DST # 1: 9751-9808 (saddle packer) Tool open 1 hour with fair increasing to good blow. Gas to surface in 10 minutes, too weak to gauge. Recovered: 11 BO & 1 bbl HOCOM plus 70 feet muddy water. IHP 4970 100" ISIP 3635 IFP 138 FFP 369 120" ISIP 3053 FIIP 4926	Yates	2736	
				San Andres	4006	
				Glorietta	5426	
				Tubb	6883	
				Abo	7718	
				Wolfcamp	8934	
				Bough "C"	9793	

38. GEOLOGIC MARKERS

NAME	DEPTH	TOP
Rustler Anhydrite	2106	
Yates	2736	
San Andres	4006	
Glorietta	5426	
Tubb	6883	
Abo	7718	
Wolfcamp	8934	
Bough "C"	9793	