

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 38458

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 8

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Burton Flat Morrow

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

Sec. 8, T-21S, R-27E

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 ☐ DEEP REPAIR ☐ Other

RECEIVED

2. NAME OF OPERATOR

H. L. Brown, Jr.

MAR 25 1980

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79702

O. C. D.

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

At surface 1980' FNL & 660' FWL of Sec. 8

At top prod. interval reported below

At total depth

12. PERMIT NO.

DATE ISSUED

12-12-79

13. COUNTY OR PARISH

Eddy

14. STATE

New Mexico

15. DATE SPudded

12-29-79

16. DATE T.D. REACHED

2-8-80

17. DATE COMPLETION (Ready to prod.)

3-7-80

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

3220.6' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11675'

21. PLUG BACK T.D. MD & TVD

11615'

22. IS MULTIPLE COMPLETION? HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XXXXXXXX

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

11422' - 11468' Morrow

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron FDC, DLL - RXO

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
12-3/4"	34#	600'	17-1/2"	(200 sx Surefill & 715 sx CL C)	Did not Circ.*
8-5/8"	24# & 32#	2800'	11"	820 sx BJ Lite & 300 sx CL C	Did not Circ.*
5-1/2"	17#	11675'	7-7/8"	550 sx BJ Lite & 325 sx CL C	9450' top cnt.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	11360'	11360'

31. PERFORATION RECORD (Interval, size and number)

11422' - 11468' (24 holes)

5-1/2" casing

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11422-11468'	2000 gal 7-1/2% MSR 100 Acid
11422-11468'	15000 gal gelled 2% KCL fresh water w/ 6000# 100 mesh sand & 14000# 20/40 mesh sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-7-80		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-7-80	1	12/64"	→	none	52.92	Trace	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1387 psi	Packer	→	none	1270	Trace	N/A	

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

Vented

TEST WITNESSED BY

E. G. Ivey

35. LIST OF ATTACHMENTS

Production test data (7 pages), Compensated Neutron FDC, Dual Laterolog

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

SIGNED

Gill W. White

TITLE

Production Assistant

DATE

March 13, 1980

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

*See Remarks on reverse side

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 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: "Neck's 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.)

*Remarks: 12-3/4" casing- cemented w/ an additional 450 sx in 4 stages & circ to surface.
8-5/8" casing- cemented w/ an additional 375 sx in 4 stages & circ to surface.

37. SUMMARY OF POROSITY ZONES:				
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CEMENTION USED, TIME TIME OPEN, FLOWING, AND SHOOT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS
Morrow Sand	11422'	11468'	Zone perforated, stimulated, and tested. Well completed in this zone	(Elevation 3239' KB)
Morrow Sand	11146'	11156'	Porosity zone, not tested.	Yates 680'
Morrow Sand	10912'	10922'	Porosity zone, not tested.	San Andres 2612'
Canyon Ln.	9297'	9330'	Undeveloped and tight, no show, no potential.	Bone Spring 4827'
Delaware Sand	3528'	3570'	Zone kicked (gas) while drilling, will test at later date.	Wolfcamp Ln. 8800'
				Canyon Ln. 9297'
				Strawn Ln. 10147'
				Atoka 10630'
				Morrow 10888'
				Mississippian 11500'

NO DST PERFORMED.