

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0295264

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Union Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Rock Tank(Upper Morrow)
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASection 23, T-23-S, R-24-E,
NMPM12. COUNTY OR
PARISH
Eddy

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

Jake L. Hamon

3. ADDRESS OF OPERATOR

908 Vaughn Building, MIDLAND, TEXAS 79701

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

At surface 1650' FNL & 2310' FWL of Section 23

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

9-12-72

15. DATE SPUDDED

8-28-72

16. DATE T.D. REACHED

10-8-72

17. DATE COMPL. (Ready to prod.)

10-8-72

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

3894.8' GR & 3909' K.B.

19. ELEV. CASINGHEAD

3896.0'

20. TOTAL DEPTH, MD & TVD

10,350' MD

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

10,275' MD

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

ROTARY TOOLS

0 to TD

CABLE TOOLS

None

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

Upper Morrow 10,032' to 10,080' K.B.

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron, Formation Density

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
13-3/8"	48#	30.00	17-1/2"	2 cu. yds. ready mix	None
8-5/8"	24#	2549.07'	12-1/4"	800 sks. lite wt. & 150 sks. class H	None
4-1/2"	11.6#	10,350.0'	7-7/8"	300 sks Class H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	9870' K.B.	9862' K.B.

31. PERFORATION RECORD (Interval, size and number)

Upper Morrow:
10,034' to 10,048' 14 holes, 0.33" size
holes
10,068' to 10,078' 10 holes, 0.33" size
holes

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

None

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				STATUS (Producing or Shut in)	
10-14-72		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-22-72			→				201.8 MCF/bbl.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→		5,228	None	50.8°	

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

4 point Back Pressure Test

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

SIGNED

TITLE Production Superintendent

DATE 11-14-72

*(See Instructions and Spaces for Additional Data 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: "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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
DST No. 1 Upper Morrow	9916	9975	Tool open at 11:20 AM 9-30-72, 3/4" bottom choke, 4 hr. test. GTS in 3-3/4 Hrs TSTM. No surface pressure. Recovered 180' of gas cut mud. 1 hr. ISIP 415#, IFP 69#, FFP 115#, 1 hr. FSIP 462#.	Delaware	2105
DST No. 2 Lower Morrow	10,246	10,300	Tool open at 7:30 A.M. 10-4-72, 1/4" bottom choke, 1 hour test. Dry test. Recovered 210' drilling mud, no show, 1 hr. ISIP 253# IFP 92#, FFP 92#, 1 hr. FSIP 138#	Bone Spring Lm 1st Bone Spring sd 3rd Bone Spring sd Penn Lime	3586 5363 7309 8299
DST No. 3 Upper & Lower Morrow	9904	10,300	Tool open at 6:30 AM 10-6-72, 1/2" bottom choke, 4 hour test. GTS in 10 mins. Surface Pressure 800 psi on 9/16" choke. Gas at rate of 4 MMCF/day. Recovered 496' of 49.2° AIP white condensate. 1 hr. ISIP 4170#, IFP 1640#, FFP 2013#, 2 hr. FSIP 4126#.	Strawn Atoka Upper Morrow Lower Morrow Barnett Shale	8864 9067 9472 10,131 10,258
No cores taken.					
No other zones tested.					