

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-2244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hughes Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Langlie-Mattix

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

Sec. 17-23S-37E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DE, RKB, RL, GR, ETC.)*

19. ELEV. CASINGHEAD

9-16-75

3335'

20. TOTAL DEPTH, MD & TVD

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

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

ROTARY TOOLS

CABLE TOOLS

3698'

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

25. WAS DIRECTIONAL
SURVEY MADE

3457-3609' Langlie-Mattix

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

None

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
No Change					

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	3563'	-

31. PERFORATION RECORD (Interval, size and number)

3457-3609', 11 shots
(size of hole unknown)

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

3457-3609'

45,000 gals. gelled brine

67,500# 20/40 sand,

1500 gals. 15% NE acid,

2000# rock salt & 600# benzoic

33.* PRODUCTION acid flakes

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or
shut-in)

Sept. 19, 1975

Pumping 2" X 1-1/4" X 12' pump

Producing

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

9-30-75

24

-

→

4

37

34

9250

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

-

-

→

4

37

34

34

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

TEST WITNESSED BY

Lease use and vented. (Connection anticipated in near future)

35. LIST OF ATTACHMENTS

None

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

(Signed) D. R. Crow

SIGNED

D. R. Crow TITLE Lead Clerk

DATE 10-1-75

*(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 23, 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	TRUE VERT. DEPTH
			1) Moved in workover rig September 3, 1975.			
			2) Cement squeezed Jalmat perfs. 2609-3028' with 350 sacks Class C cement mixed 2% CaCl. WOC 18 hrs.			
			3) Drilled cement 2600-3040'. Pressure tested to 1000# did not hold.			
			4) Cement squeezed perfs. 2609-3028' with 100 sacks Class C cement mixed 2% CaCl. WOC 24 hrs.			
			5) Drilled cement 2466-2692'. Tested squeezed perfs. to 500# pressure. Held okay.			
			6) Drilled bridge plug 3167-3169' and cleaned out 3169-3616'.			
			7) Fracture treated perfs. 3457-3609' with 45,000 gals. 9.2# gelled brine and 67,500# 20/40 sand and 1500 gals. 15% NE acid in 3 stages using 2 blocks, total of 2000# rock salt and 600# benzoic acid flakes.			
			8) Set 114 jts. (3563') 2-3/8" OD tubing at 3563'.			
			9) Installed pumping equipment September 12, 1975.			
			10) Pump tested Langlie-Mattix perfs. 3457-3609' 15 days averaged 2 bbls. oil and 95 bbls. load water per day.			
			11) Returned well to producing status September 30, 1975, pumping Langlie-Mattix perfs. 3457-3609' for 4 bbls. oil and 34 bbls. formation water per day.			