

**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.**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. RESVR. ☐ Other _____

2. NAME OF OPERATOR

JEROME P. McHUGH

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with reporting requirements)

At surface

1560' 1560' 1560'

At top prod. interval reported below

At total depth

14. PERMIT NO.

OIL CON. DIV.

RECEIVED
JAN 17 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

15. DATE SCHEDULED

12-9-82

16. DATE T.D. REACHED

12-20-82

17. DATE OF WELL (See instructions on reverse side)

1-5-83

18. ELEVATIONS (IF, ABN. LT. OR, ETC.)

5812' GL; 5824' RKB

19. ELEV. CASINGHEAD

5812' GL

20. TOTAL DEPTH, MD & TVD

6800'

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

6751'

22. IF MULTIPLE COMPL., HOW MANY?

single

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION (TOP, BOTTOM, MD & TVD)

6695-6712, Dakota

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Electric Gamma, Compensated Density, GR-CCL

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 -	259 -	12 1/2"	307' cf class B + 2% CaCl	---
4-1/2" -	10.5# -	6796 -	7-7/8"	1st stg 435' cf 50-50 B poz	---
w/ 2% gdl & 1/2# cello flk/sk & class B 1/2# cello flk/sk; 2nd stg 761' cf 65-35 B pos w/ 12% gel & 1/2# cello flk/sk & 50-50 B pos w/ 2% gel & 1/2# cello flk/sk					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					1 1/2"	6705' RKB	

31. PERFORATION RECORD (Interval, size and number)

6695-6704' (10 holes)

6706, 08, 10 & 12 (4 holes)

Total of 14 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6695-6712	200 gal 7 1/2% HCL; 100,000# 20-40 sand; 50,000 gal Mini-Max III-30 105# B-5 breaker; 69 gal Aquafloc; 1200 gal. diesel

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-5-83**		flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-12-83	3	5/8" pos.	————→	TSTM	1335	TSTM	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORE.)	
147 psi	950 psi	————→	TSTM	1627	TSTM		

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

Vented during test; to be sold

TEST WITNESSED BY

Hall

35. LIST OF ATTACHMENTS

**1st hydrocarbons in well bore during testing; NOT FIRST DELIVERED FOR RECORD

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

SIGNED

J. A. Dugan
Thomas A. Dugan

TITLE

Petroleum Engineer

JAN 22 1983

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

FARMINGTON DISTRICT

FARMINGTON COPY

BY

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 24, and 24, 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 33.

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, CELESTION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

Ojo Alamo 656'
Kirtland 738
Fruitland 1810
Pictured Cliffs 2118
Lewis 2176
Cliff House 3720
Menefee 4046
Point Lookout 4440
Mancos 4798
Gallup 5760
Greenhorn 6512
Graneros 6574
Dakota 6640

12-22-82 and circulated 3 hours with mud.

Cemented 3rd stage using 10 bbl of mud flush followed by 425 sks 65/35 B-poz with 12% gel and $\frac{1}{4}$ # celo flakes /sk and 160 sks 50/50 B-poz with 2% gel and $\frac{1}{4}$ # celo flakes /sk. (Total slurry 3rd stage = 1147 c.f.). Displaced with 34.9 bbl of water @ 6 BPM and 300-800 psi. Bumped plug to 2000 psi. Released pressure. Tool held okay. Had good circulation throughout 3rd stage and circulated a trace of cement to surface. Cement in place and job complete @ 12:45 p.m. 12-21-82. Set slips and cut off 4 $\frac{1}{2}$ " casing. Released rig @ 1:30 p.m. Moved rig off location. Nippled up wellhead.