

UNITED STATES

SUBMIT IN DUPLICATE

File

Form approved.
Budget Bureau No. 42-R355.5.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM 23038

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Native Son

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Dakota

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

Sec. 27, T25N, R2W, NMPM

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. 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 any State regulations)

At surface

1020' FSL - 1670' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE OF SALE
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 10-9-83 16. DATE T.D. REACHED 11-2-83 17. DATE COMPL. (Ready to prod.) 11-18-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7317' GL; 7329' RKB 19. ELEV. CASINGHEAD 7317' GL

20. TOTAL DEPTH, MD & TVD 8133' RKB 21. PLUG, BACK T.D., MD & TVD 8044' RKB 22. IF MULTIPLE COMPL., HOW MANY* Commingled GA & DK 23. INTERVALS DRILLED BY TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7886-7977'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, CDL & CNL

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
9-5/8"	47#	224' RKB	12-1/4"	159 cf class B + 2% CaCl	---
4-1/2"	11.6#	8133' RKB	7-7/8"	2743 cf in 3 stages (see reverse)	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	7870' RKB	

31. PERFORATION RECORD (Interval, size and number)

One hole at 7886, 88; 7919, 30, 38, 55, 63, 65, 67, 68, 69, 75, 76, 77. 14 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See reverse	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-17-83*		Swabbing and flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-18-83	7	---	→	17	65	10 frac	3,824
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	900 psi	→	58	223	34 - frac wtr	40° est.	

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

Vented during test.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

*First new oil to tank.

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

SIGNED

Jim L. Jacobs

TITLE

Geologist

ACCEPTED FOR RECORD

DEC 01 1983

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

BY

SMN

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, on 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 office for 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 would 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 10: 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.)

21. 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

FOR EACH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

Item #28 - Cement detail for 4-1/2" casing
1st stage 737 cf - 400 sx 50-50 pos w/ 2% gel & 6 1/4# gilsonite/sk & 1/4# flocele/sk followed by 150 sx class B neat w/ 1/4# flocele/sk. 2nd stage 885 cf - 210 sx 65-35 w/ 12% gel, 6 1/4# gilsonite/sk & 1/4# flocele/sk followed by 310 sx 50-50 pos w/ 2% gel & 1/4# flocele/sk. 3rd stage 1121 cf - 450 sx 65-35 + 12% gel & 1/4# flocele/sk followed by 100 sx 50-50 pos w/ 2% gel & 1/4# flocele/sk.

Item #32 - Acid/Fracture Spotted 250 Gal 7 1/2% double inhibited HCL.
Fraced Lower Mancus (7326-7485) & Dakota (7887-7977) perms: 60,000 gal. Mini-Max III-30, 67,500# 20-40 sand, 1200 gal. Aqua Flow, 55# B-5 Breaker

38. GEOLOGIC MARKERS

TOP

MEAS. DEPTH

TRUE VERT. DEPTH

NAME

Ojo Alamo
Fruitland
Pictured Cliffs
Lewis
Cliff House
Menefee
Point Lookout
Mancus
Gallup
Greenhorn
Graneros
Dakota

3123'
3315'
3478'
3620'
5153'
5278'
5620'
5897'
6627'
7702'
7776'
7825'

RECEIVED
DEC - 2 1983
FED. DIV.