5 BLM, Fmn 1 McHugh 1 File 1 Shaw 2 EPNG

Form 9-330 (Rev. 5-63)

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
JUL 06 1984
OIL CON. DIV.
DIST. 3

RECEIVED
JUL 2 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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.: 1

10. FIELD AND POOL, OR WILDCAT: Gavilan Mancos

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec.34 T25N R2W, NMPM

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] 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 requirements*)*
At surface: 790' FNL - 990' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO.: DATE ISSUED: 4-20-84

12. COUNTY OR PARISH: Rio Arriba 13. STATE: NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-27-84	5-12-84	6-7-84	7308' GL; 7320' RKB	7308'

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
8170'	7993'		→	T.D.	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6765' - 7443' Mancos

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: IEL, 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
9-5/8" OD	36#	229' RKB	12-1/4"	159 cf class "B"+2% CaCl2	---
5-1/2"	15.5 & 17#	8168'	7-7/8"	2810 cf in 3 stages circ. to surface - SEE REVERSE SIDE FOR DETAILS	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7419' RKB	

31. PERFORATION RECORD (*Interval, size and number*)

Perforated intervals 6765,73,83,89,91;6801, 03,05,11,25,28,31,35,41,47,51,53,57,65,69, 81,84,92,94,96;6907,20,31,49,77,91,96;7007, 10,39,86,98;7279; 7345,66,77,7415,16,23,27, 33,34,42,43. Total of 49 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6765-7098'	84,565# 20/40 sand 68,026 gals. 20# gelled water
7279-7443'	23,310 gals. 20# gel 13,620# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
6-2-84	swabbing & flowing	shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-7-84	4	---	→	33	54	40*	1636

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
25	600	→	198	324	240*	42

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

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: *Note: Water is frac fluid, well test is swabbing & flowing

ACCEPTED FOR RECORD
JUL 05 1984
FARMINGTON RESOURCE AREA
BY SMM

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 DATE 6-27-84

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

NMOCC

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			28. CASING RECORD (Details of cementing record continued from front page) 2810 cf in 3 stages: 1st stage: 375 sx 50-50 B-Poz with 2% gel & 6¼# gilsonite & ¼# cello flake/sk & 110 sx class"B" w/¼# cello flake/sk. (Total of 654.8 cf 1st stage.) 2nd stage: 210 sx 65-35 B-Poz w/ 12% gel, 6¼# gilsonite & ¼# cello flake/sk & 350 sx 50-50 B-Poz w/2% gel & ¼# cello flake/sk. (Total of 935.9 cf 2nd stg.) 3rd stage: 500 sx 65-35 B-Poz w/12% gel & ¼# cello flake/sk & 90 sx 50-50 B-Poz w/2% gel & ¼# cello flake/sk. (Total of 1219.3 cf 3rd stage.) DV Tools at 3840' & 5852'.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	3063'	
Kirtland	3265'	
Pictured Cliffs	3417'	
Lewis	3458'	
Cliff House	5100'	
Menefee	5223'	
Point Lookout	5588'	
Mancos	5813'	
Gallup	6355'	
Greenhorn	7657'	
Graneros	7729'	
Dakota	7822'	

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