

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget/Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 16447

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cougar

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Gavilan P.C.

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

Sec. 19, T25N, RIW

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Jerome P. McHugh

3. ADDRESS OF OPERATOR

Box 234, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

790' FSL - 890' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7441' GR - 7454' RKB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

Completion ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

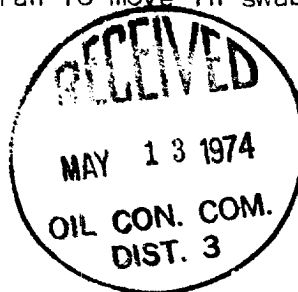
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5-1-74

GO International ran gamma ray correlation log. Perforated 2 jets/ft 3568-3574' and 3598-3604'. Western Company fractured Pictured Cliffs formation using 2188 hp with 30,000# 10-20 sand and 900 bbls water with 2#/1000 gal FR-2X friction reducing agent. Spearhead frac with 300 gal 15% HCl acid. Breakdown 700 psi, IF 1700 psi, Min 1000 psi, Avg 1900 psi, Max 2200 psi, Final 2000 psi, ISI Vac, Avg IR 47 BPM, Max IR 50 BPM. Made one ball drop of 12 balls, excellent ball action, pressure increased from 1800 psi to 2200 psi, added 5 gal foaming agent to flush.

5-3-74

Ran sand pump, no sand fill-up overnight. Ran 109 jts 1 1/4" OD 2.3# JCW 10R 1J tubing set at 3610' RKB. Released rig. Plan to move in swabbing unit.



18. I hereby certify that the foregoing is true and correct

SIGNED Original signed by T. A. Dugan

Thomas A. Dugan

TITLE Engineer

DATE 5-8-74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side