

Form 10-1
(May 1964)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-1106

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Alley Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Potwin P. C.

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

Sec 4, T24N, R8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1.

OIL
WELL ☐ GAS
WELL ☒ OTHER

2. NAME OF OPERATOR

Kirby Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 1745, Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1850' FNL & 790' FWL

14. PERMIT NO.

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

6939 GL

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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REPAIRING WELL

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FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

ALTERING CASING

ABANDONMENT*

(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.)*

Move in completion unit 1-24-77. Ran GR-CCL log and perforated Pictured Cliffs from 2176-84 with two shots per foot. Natural production was 76 MCFD with 60 psi on casing. No liquids present. Riggged down unit. Well shut in.

Move in completion rig 3-5-77. Pulled 68 joints 2 3/8 tubing. Foam fractured Pictured Cliff perforations with 28,000 gallon 70/30 quality foam carrying 25,000# 20-40 sand. Sphearheaded by 500 gallons HF acid with 900 SCF per barrel N₂. Average injection rate 15 barrels per minute. Average pressure 1600 psi, instant shut in pressure 1400 psi, 15 minute shut in 1100 psi. Ran tubing to 2209. Flowing 200 MCFD with 140 psi casing pressure and 25 psi tubing pressure, undetermined amount of water being produced. Shut in to wait on separator for further testing.

MAR 18 1977

MAR 21 1977
OIL CON. COM.
DIST. 3

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

SIGNED

John Alexander
John Alexander

TITLE

Agent

DATE

3-17-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side