

Form 9-551
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0554771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

DEC 3 - 1979

2. NAME OF OPERATOR

J. C. Williamson

O. C. C.
ARTESIA, OFFICE

3. ADDRESS OF OPERATOR

P.O. Box 16, Midland, TX 79702

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

See also space 17 below.)
At surface

1980' FNL & 2310' FWL, Sec. 16

RECEIVED

NOV 29 1979

14. PERMIT NO.

15. ELEVATIONS (Show whether at surface or depth)

3272.5 GR

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

TOG Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 16, T-20S, R-29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) 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.)

9/13/79 Perfd. 5722, 5717, 5712, 5697, 5691, 5677, & 5673'

9/14/79 Acidized w/3000 gals. DS-30 Acid, 7 ball sealers, broke @ 2000#, acidized @ 1500#, had good ball action, flowing back load.

9/18/79 Set Bridge Plug @ 5635', Perfd 5598 & 5600'

9/19/79 Have hole in tubg or a collar leak, will test tubg while going in hole then proceed w/ acid job. Found lead 14 jts from pkr.

9/20/79 Perfd. 5503, 5509, 5515, & 5522', prep to acidize w/3000 gals.

9/21/79 800' fluid in hle, 40# tubg. pressure, swabbed dry in 2 runs, had some gas & a little oil.

9/22/79 Fraced w/10,000 gals Mini-Max II & 9000# sand, formation broke @ 2500#, rate 7 BPM, average treating pressure 2800#, ISDP 1200#, 1100# in 15 min, 750# in 4 hrs, flowed & swabbed back 200 bbls, had good show of gas. On last run had little show of oil.

9/24/79 Swabbing, approx. 331 bbls to recover.

9/26/79 On 9 hr swab test made totl of 103 bbls fluid, 93 bbls water & 10 bbls oil. Will swab a little more then plug back.

9/28/79 Coming out of hole w/retrievable bridge plug, prep to perf & acidize.

9/29/79 Perfd 5286', 5294', 5298', 5306', 5318', 5322', 5326', 5370', 5372', 5373' & 5374', acidized w/3000 gals DS-30 & 12 ball sealers, formation broke @ 1700# or -, Rate 3 1/2 BPM @ 2000# to 3200#, balled out @ 3600#, swabbed dry in 4 runs.

10/01/79 Fracd down tubg w/15,000 Mini-Max II & 12,000# 20-40 sand. Fracd in 3 equal stages w/ 4 ball sealers each. Formation broke @ 3500#, Avg. treating pressure 3200#, Con't.

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

SIGNED

TITLE Operator

DATE 11/27/79

(This space for Federal or State office use)

(G. Sgd.) GEORGE H. STEWART

ACTING DISTRICT ENGINEER

APPROVED BY

TITLE

DATE NOV 29 1979

CONDITIONS OF APPROVAL, IF ANY:

10/01/79 Injection rate 10.5 BPM, ISIP 1050#, in 5 min 1000#, in 15 min 1000#, SI.
10/04/79 Made 184 bbls frac reisdeu & 7 bbls oil, 90 bbls left to recover. Will continue to swab.
10/08/79 Perfd 4738, 4740, 4742, 4745 & 4748, prep to acidize.
10/09/79 Acidized w/2000 gals non-emulsifying acid, formation broke @ 1700#, taking fluid @ 1700#, broke back @ 3500#, 2 BPM, broke back @ 2900#, 3 1/2 BPM, ran 4 ball sealers ISDP 950#, bled to 900# in 5 min, prep to swab.
10/10/79 Frack w/10,000 gals Mini-Max II & 15,000 sand, fracd @ 7 BPM, pressure 1550# to 2000#, ISDP 800# in 15 min 750#, SI .
10/11/79 Well-head flowing pressure 350#, flowed 15-20 min. FL 400 from surface. Now swabbing, have about 100 bbls back, no shows yet.
10/15/79 Squeezed perfs w/240 sx, prep to drill out.
10/16 & 17 Cement too soft to drill out.
10/19/79 Picked up Bridge plug, perfd 4 shots, 3487, 3490, 3491 & 3492, GIH w/tubg & pkr, shut down to high winds.
10/22/79 Fracd w/5,000 gals Mini-Max II & 7500# sand, Fracd @ 7 BPM, 1800 - 1900# pressure. ISDP850#, in 10 min, 800#, SI.
10/24/79 When all frac material except 20 bbls had been recovered, well started making salty sulphur water. May have to cement off this zone.
10/26/79 Acidized w/63 bbls acid & 10 ball sealers, formation broke @ 2900#. Average treating pressure 1000# @ 2 BPM, no ball action, Flowed back 30 bbls & died, swabbed 2 runs - swabbed dry. ISIP 700# - did not change. 22 bbls left to recover.
10/30/79 Squeezed perfs from 3487 to 3492 w/150 sx, circ out 15 sx. Coming out of holew/tubg WOC, prep to drill out.
11/1 & 2 Drld out perfs 3487 to 3492, cleaned out & retrieved Bridge Plug @ 3570'. While coming out of hole, well started kicking, closed rams, had 500# pressure on it this AM. Loaded hole w/7 bbls, GIH w/tubg & anchor, btm of tubg approx 5550'. Swabg well to test, prep to run rods & put on 228 pumping unit.
11/2/79 Ran tubg & tubg anchor, bto of tubg @ 5548', seating nipple @ 5453', top of anchor @ 5454', Well SI over weekend.
11/5/79 Swab testing today, made 12 bbls oil & 58 bbls water in 6 hrs.
11/6/79 Prep to run rods
11/8/79 Prep to install Pump Unit. Prep to build tank battery
11/9/79 Waiting on Pumping Unit.
11/10/79 " " " "
11/10/79 " " " "
11/12/79 " " " "
11/13/79 Installing Pumping Unit today, well going into test tank.
11/16/79 Engine knocking, had to shut down, Mechanic on the way to fix it. It is flowing thru csg.
11/26/79 Well made 22 bbls oil last night, making 21 - 24 bbls oil per day, except yesterday (Nov.25), pump down again. Well not stabilized yet. Try to take ratio test Wednesday, Nov. 28, 1979.