

5-USGS-HOBBS
1-R.J. STARRAK-TULSA
1-A.B. CARY-MIDLAI

1-ELB-ENGR.
1-CK, FOREMAN
1-FILE
1-BH, FIELD CK.

COPY TO O. C. A

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE
LC-032650 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
A. B. COATES "C"

9. WELL NO.
9

10. FIELD OR WILDCAT NAME
JUSTIS MONTOYA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 24, T-25-S, R-37-E

12. COUNTY OR PARISH
LEA

13. STATE
NEW MEXICO

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3086' KDB

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
GETTY OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 730, HOBBS, NEW MEXICO 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input checked="" type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) _____

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

(ATTACHED)

RECEIVED

APR 19 1979

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Date R. Crockett TITLE AREA SUPT. DATE April 18, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

/bh

*See Instructions on Reverse Side

ACCEPTED FOR RECORD
APR 19 1979
J. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

RECEIVED

APR 24 1979

OIL CONSERVATION COMM.
WASH. D.C.

A. B. COATES "C" WELL NO. 9

- 2-21-79 Rigged up unit.
- 2-22-79 Cemented perms., 5024-5497', with 200 sxs Class "C" .8% Halad 3, 2% CaCl; followed with 100 sxs Class "C" with 2% CaCl. Staged last 5 bbls. No squeeze. Pump 30 BW down csg.
- 2-23-79 Pkr. 4811'. Howco cement squeeze #2 - 150 sxs Class "C", .8% Halad 3, 2% CaCl; 150 sxs Class "C" with 2% CaCl. Displaced to 4900'. Pressure to 800#. WOC.
- 2-24-79 Pulled RTTS. Ran 6 1/4" bit.
- 2-27-79 Drilled cement 4811-5850'.
- 2-28-79 Drilled CIBP 5850'. Well flowed 1/2 hr. Pushed plug to 6663'. Displaced with fresh water.
- 3-1-79 POH with bit. Left 3 cones in hole. Ran cone buster mill and milled 6663-6671'. Fell thru. Ran mill to 6691' (PBSD). Circulated clean.
- 3-3-79 Ran Baker "R" pkr. and set at 6584'. SN at 6576'. 4 hrs. swab - 10 BO, 36 BW, & small gas. Start FL 3700' from surface. Swab down to 6000'.
- 3-4-79 38 hr. TP-120#. Swab FL at 5000'. Swab 2 hrs. - 5 BO & 10 BW. Treated Montoya perms., 6634-79', with 2000 gals. 15% NE acid and 35 ball sealers. Flushed with 35 bbls. Max. 2200#, min. 1800#, ISIP 1500#, 5 min. 750#, rate 2.2 BPM. No ball action. 107 BL. Swab 3 hrs. - 10 BO & good show of gas. FL at 3600' steady. 67 BL to recover.
- 3-6-79 11 1/2 hrs. TP-240#. FL at 2000'. Swabbed 2 hrs. Swab down, made 1 run per hr. FL at 600' above SN. Swabbed 11 hrs. and recovered 8 BO, 33 BLW, with 34 BLW to recover, and good show of gas.
- 3-7-79 Ran 2 7/8" "R" pkr. and set at 6429'.
- 3-8-79 Rigged up Cardinal Surveys and ran Temperature and Gamma Ray Logs. Cardinal pumped 1st stage of frac - 10,000 gals. Cross Link Gel with 8000# 100 mesh sand, and 12,500# 20/40 sand. Tagged frac at radioactive material. Cardinal ran Temp. & Gamma Ray and showed major treatment into perms. 6634-79' with minor channel below perms. Pumped 2nd stage frac - 20,000 gals. Cross Link Gel with 16,000# 100 mesh sand and 25,000# 20/40 sand. Tagged with radioactive material and 45 bbls. 2% KCL water. Flushed total 30,000 gals. Cross Link Gel, 24,000# 100 sand, 37,500# 20/40 sand, avg. rate 13.2 BPM, avg. pressure 4500#, maximum 5400#, min. 3400#, ISIP 3700#, 5 min. 1550#, 10 min. 1100#, 15 min. 850#. Cardinal ran Temp and Gamma Ray Logs - showed sand fill 28' to 6663', perf. 6664-65, 6670-72', and 6676-79'. Log showed good treatment in all perms. above fill.
- 3-9-79 Shut-in 13 hrs. TP-180#. FL at 220'. Swab 10 1/2 hrs. FL 4800'. Rec. 116 BLW and 674 BLW to recover. Good show of gas and trace of oil.
- 3-10-79 16 hrs. TP-150#. Swab 7 hrs. FL 4800'. 38 BLW, trace of oil, and show of gas. 636 BL to recover.
- 3-12-79 Pkr. at 6429'. Laid down work string and pkr. Ran 2 3/8" to 6300'.

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APR 24 1979

OIL CONSERVATION COMM.
HQS. II. M.

- 3-13-79 Tagged sand at 6586'. 105' fill. PB-6691'. Reversed to 6629'. Pulled tbg. and pin collar. Perf. 6679'. Ran notch collar, tbg. to 3500'.
- 3-14-79 Trip in with tbg. Wash sand from 6641' to 6691'. Set tbg., 216 jts. (6664') and set at 6688'. SN at 6646'. Anchor at 6396'. 2" x 1 1/4" x 22' pump. POB 14 x 40 SPM. 8 hrs. 25 BW, and 0 BO. Rigged down unit.
- 3-15-79 POB 24 hrs. 14 x 40 SPM. 0 BO and 133 BW.
- 3-31-79 Set tbg. anchor at 6416'. SN at 6674'. Ran pump.
- 4-5-79 14 x 40 SPM. 62 BO, 17 BW, and 113 MCFPD. GOR 1823.

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APR 24 1979

OIL CONSERVATION COMM.
HON. H. M.