

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,040' FSL & 1,685' FEL, Unit 0
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) Please see below

SUBSEQUENT REPORT OF:

RECEIVED

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

5. LEASE
Contract 154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Apache

9. WELL NO.
9E

10. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28, T26N, R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

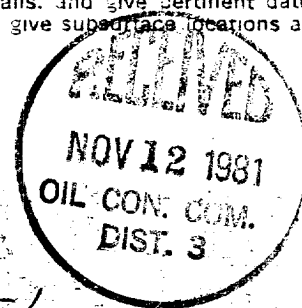
15. ELEVATIONS (SHOW OF. KDB. AND WD)
6,684' GL

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 surface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PROGRESS REPORT

See Attachments

From: 9-11-81 To: 9-29-81



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

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

SIGNED H. D. Guthrie TITLE Drilling Superintendent DATE 11-1-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

JICARILLA APACHE #9E WELL HISTORY

9-11-81 385[±] MADE 372[±] IN TIER FORMATION. MW 9.5, VIS 55. MOVE IN R/U, SPUD @ 6:00 PM 9-10-81. DRLD & SURV TO 385[±].

9-12-81 523[±] MADE 138[±] IN TERTIARY FORMATION. MW 8.5, VIS 32. BIT NO 1, 13-3/4", SEC, S3J 106997, JETS 12/12/13, DEPTH IN 13[±], DEPTH OUT 523[±], 510 FT, 15 HRS, 34.0 FT/HR, COND 4-E-1. REMARKS: PULLED TO RUN CSG. DRLD & SURV TO 523[±], CIRC & COND HOLE. RAN 9-5/8", 36#, B-RD CSG TO 522". CMT CSG W/450 SKS "B" W/2% CACL2. USED 100% EXCESS VOLUME. PMPD THEN 15 BBLS WTR AHEAD, PMPD PLUG W/1,000 PSI. PLUG DOWN @ 4:08 PM 9-11-81. FULL RETURNS WHILE CMT[±]G. CIRC 31 BBLS CMT TO SURFACE. FLOAT EQUIP CHECKED OK.

9-13-81 1,489[±] MADE 966[±] IN TERTIARY FORMATION. MW 9.0, VIS 37. FIN NU BOPE, TEST CHOKE MANIFOLD PIPE & BLIND RAMS UPPER & LOWER KELLY COCKS 1,000 PSI. DRLD CMT SHOE & NEW HOLE. RAN LEAK OFF, TEST 11 PPG-EQUIV MUD WT. DRLD & SURV TO 1,489[±].

9-14-81 2,224[±] MADE 725[±] IN TERTIARY FORMATION. MW 8.7, VIS 32. BIT NO 2, 7-7/8", SEC, S33 232572, JETS 11/11/9, DEPTH IN 523[±], DEPTH OUT 1,732[±], 1,209 FT, 21-1/2 HRS, 52 FT/HR, COND 6/E/I. DRLD & SURV TO 2,224[±].

9-15-81 2,857[±] MADE 633[±] IN FRUITLAND FORMATION. MW 9.0, VIS 44. BIT NO 3, 7-7/8", SEC, S33 232572, JETS 11/11/9, DEPTH IN 1,732[±], DEPTH OUT 2,829[±], 1,097 FT, 21-1/2 HRS, 44.8 FT/HR, COND 6/F/I.

9-16-81 3,530[±] MADE 673[±] IN PICTURE CLIFFS FORMATION. MW 8.7, VIS 40. DRLD TO 3,336[±]. MADE 15 STND WIPER TRIP W/15,000# DRAG, DRLG AHEAD.

9-17-81 4,065[±] MADE 535[±] IN CHACRA FORMATION. MW 9.0, VIS 35. DRLD TO 4,065[±].

9-18-81 4,472[±] MADE 412[±] IN CHACRA FORMATION. MW 9.1, VIS 40. DRLD TO 4,472[±].

9-19-81 4,955[±] MADE 483[±] IN MENELEE FORMATION. MW 9.0, VIS 42. DRLD & SURV TO 4,955[±].

9-20-81 5,272[±] MADE 317[±] IN MENELEE FORMATION. MW 9.2, VIS 42. BIT NO 4, 7-7/8", STC, F-2 CA1953, JETS 11/12/13, DEPTH IN 2,829[±], DEPTH OUT 5,140[±], 2,311 FT, 94-3/4 HRS, 24.4 FT/HR, COND 5/F/I. REMARKS: LOST BEARINGS ALL THREE CONES. DRLG AHEAD.

9-21-81 5,586[±] MADE 414[±] IN MANCOS FORMATION. MW 9.1+, VIS 38. DRLD TO 5,686[±].

9-22-81 6,147[±] MADE 461[±] IN MANCOS FORMATION. MW 9.0, VIS 43. DRLD. 5,686[±]-5,697[±], LOST CIRC W/NO RETURNS, PULLED 5 STNDS, MIX & PMPD LCM, REC[±]D FULL RETURNS. DRLG AHEAD.

9-23-81 6,662[±] MADE 515[±] IN BASAL NIOBRARA FORMATION. MW 9.1, VIS 43. DRLD & SURV 6,662[±].

9-24-81 7,005[±] MADE 343[±] IN SANAFEE FORMATION. MW 9.0, VIS 45. DRLG AHEAD.

9-25-81 7,265[±] MADE 260[±] IN GREENHORN FORMATION. MW 9.1, VIS 45. BIT NO 5, 7-7/8", SEC, M84F 113628, JETS 11/11/13, DEPTH IN 5,140[±], DEPTH OUT 7,265[±], 2,125 FT, 104-3/4 HRS, 20.3 FT/HR, COND 5/F/I.

JICARILLA APACHE #9E WELL HISTORY

- 9-26-81 7,449' MADE 184' IN DAKOTA FORMATION. MW 9.2, VIS 44. DRLG AHEAD.
- 9-27-81 7,593' MADE 44' IN MORRISON FORMATION. MW 9.3, VIS 48. BIT NO 6, 7-7/8", SEC, M89TF 103985, JETS 12/12/13, DEPTH IN 7,265', DEPTH OUT 7,593', 328 FT, 36 HRS, 9 FT/HR, CONDITION 3/E/I. RUNNING DIL-SP-GR.
- 9-28-81 7,611' MADE 18' IN MORRISON FORMATION. MW 9.3, VIS 48. BIT NO 6RR, 7-7/8", SEC, M89TF 103985, JETS 12/12/13, DEPTH IN 7,593', DEPTH OUT 7,611', 18 FT, 1 HR, 18 FT/HR, CONDITION 3/E/I. DA RAN OPEN HOLE LOGS. RAN FDC-CNL,GR CALIPER & SP-DIL-GR. DRLD TO 7,611' F/EXTRA RATHOLE.
- 9-29-81 7,611' RU & RUN 189 JTS 4-1/2" W/SHOE @ 7,606'. 1ST STAGE W/825', SX BJ LITE FOLL BY 180 SX CLASS "B". LOST PARTIAL RETURNS W/30 BBLS DISPLACEMENT LEFT. CIP @ 2 PM 9-28-81. OPEN STAGE CLR @ 4,082', CIRC 4 HRS. 2ND STAGE, 800 SX 50-50 POB, RETURNS TO SURF W/15 BBLS DISPL, LEFT CLOSED, STAGE CLEAR, OK. CIP @ 7 PM 9-28-81. SET SLIPS W/75,000#. RIG RELEASED @ 12 MIDNIGHT, 9-28-81.

825
180
800
1805

