

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:

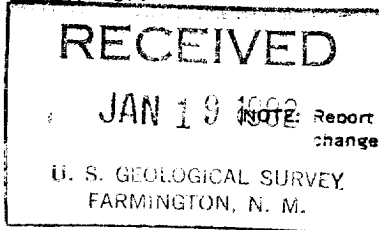
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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:



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.

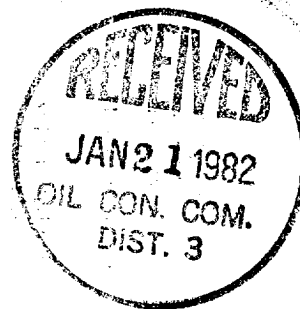
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6,684' GL

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

PROGRESS REPORT

See Attachments

From: 12-2-81 To: 12-15-81



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

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

Drilling

SIGNED

ME Kugh

TITLE

Superintendent

DATE

1-8-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

NMOCC

Dean Elliott

JICARILLA APACHE #9E

- 12-2-81 SICP 1,100 PSI SITP 700 PSI. PUMPED 4 BBLS 2% KCL WTR DOWN TBG. RIH W/FREE-POINT TOOL. FOUND SAND IN LAST JNT ABOVE SLIDING SLEEVE, TOP OF SAND @ 5,333' KB. DETERMINED PIPE FREE DOWN TO SAND FILL IN TBG @ 5,333' KB. RIH W/STRING SHOT & W/STRING SHOT & BACKED OFF BLAST JNTS @ 5,321' KB. LEFT ONE 20' BLAST JNT, SLIDING SLEEVE, 6' PUP JT, ON-OFF TOOL. 2' PUP JNT, DBL CUP PKR, 59 JTS. TBG, & LOK-SET PKR W/TAIL ASSY IN HOLE.
- 12-3-81 BLEW WELL DOWN, PUMP 45 BBLS 2% KCL WTR DOWN CSG. RIH W/SHOE, 1 JT WASH-OVER PIPE, FLOAT SUB, JARS, 6 DC, & 164 JTS, 2-3/8" 4.7# J-55 EUE TBG. CIRC FOAM DOWN TBG. PICKED UP 1 JT & CLEANED OUT SAND FROM TBG/CSG ANNULUS (5,333' KB-5,349' KB) TO TOP OF ON-OFF TOOL.
- 12-4-81 CIRC FOAM DOWN TBG PICKED UP 1 JT & CLEANED OUT SAND FROM TBG/CSG ANNULUS (5,338'-3,349' KB) TO TOP OF ON-OFF TOOL.
- 12-5-81 BLEW WELL DOWN. RIH W/27' WASH-OVER PIPE, OVERSHOT, BUMPER SUB, JARS, 6 DC'S, & 164 JTS 2-3/8". CIRC FOAM DOWN TBG. PICKED UP 1 JT & CLEANED SAND FROM TBG/CSG ANNULUS (5,339'-5,349' KB) TO TOP OF ON-OFF TOOL. GOT OVER TOP OF BLAST JT (5,321' KB) W/OVER-SHOT. ATTEMPTED TO RELEASE ON-OFF TOOL, ON-OFF TOOL WOULD NOT RELEASE.
- 12-6-81 BLEW WELL DOWN. RIH W/OVERSHOT.
- 12-7-81 SD F/SUNDAY.
- 12-8-81 BLEW WELL DOWN. GOT OVER TOP OF BLAST JT (5,321" KB) W/OVER-SHOT. RIH W/COILED TBG CIRC FOAM TO 5,341' KB TOP OF BLANKING PLUG. CIRC ON BLANKING PLUG & POH W/COILED TBG. RU B & R WL. RIH W/BLANKING PLUG RETRIEVING TOOL. COULD GET HOLD OF PLUG BUT COULD NOT PULL. ATTEMPTED TO PULL PLUG 3 TIMES.
- 12-9-81 BLEW WELL DOWN. RELEASE OVERSHOT FROM TOP OF BLAST JT (5,321' KB). PUMP 60 BBLS 2% KCL WTR TO CALM WELL DOWN. PU 1 JT WASH PIPE W/SHOE, FLOAT SUB, JARS, & 6 DC'S. TAG SAND FILL @ 5,322' KB (29' SAND ON DOUBLE CUP PKR).
- 12-10-81 BLEW WELL DOWN. CIRC FOAM FROM 5,321' KB TO 5,349' KB TO CLEAN SAND FROM ANNULUS. PUMPED 45 BBLS 2% KCL WTR TO CALM WELL DOWN. RIH W/OVER SHOT, FLOAT SUB, BUMPER SUB, JARS, 6 DC'S, ACCELERATOR, & 165 JTS 2-3/8" TBG. LATCHED ONTO FISH & JARRED, FISH JAREED FREE. POH W/ 2-3/8" TBG & FISHING TOOLS W/BLAST JT, SLIDING SLEEVE, 6' PUP JT, AND ON-OFF TOOL IN OVER SHOT.
- 12-11-81 BLEW WELL DOWN. PUMPED 45 BBLS 2% KCL WTR TO CALM WELL DOWN. RIH W/OVERSHOT & 172 JTS. 2-3/8", 4.7#. CIRC FOAM FROM 5,340' KB TO 5,344' KB TO CLEAN OUT SAND. LATCHED ONTO FISH & ATTEMPTED TO RELEASE LOWEST PKR. PKR WOULD NOT RELEASE. GOT OFF FISH & BLEW CSG DRY W/N2. LATCHED ONTO FISH & ATTEMPTED TO RELEASE LOK-SET. PKR WOULD NOT RELEASE. RIH W/FREE PT & STRING SHOT. FREE PT. INDICATED TBG FREE TO LOK-SET. SHOT OFF STRING SHOT IN LOK-SET PKR (7,188' KB). PKR DID NOT RELEASE. POH W/FREE PT. ATTEMPTED TO RELEASE PKR, NO RELEASE. GOT OFF FISH.

JICARILLA APACHE #9E

- 12-12-81 BLEW WELL DOWN. PMPD 8 BBL 2% KCL WTR DOWN TBG. RIH W/10 JTS 2-3/8" TBG, LATCHED ONTO FISH ON-OFF TOOL 5,349' KB). CHEMICAL CUT TBG (5' ABOVE LOK-SET PKR) @ 7,183' KB. PULLED FISH LOOSE & COH W/ON-OFF TOOL (INNER MANDREL) 2' PUP JT, DOUBLE CUP PKR, & 58 JTS 2-3/8" TBG W/1 CUT OFF JT. HAD TO PMP 45 BBLs 2% KCL WTR TO CALM WELL DOWN. RIH W/3-7/8" OVER-SHOT, FLOAT SUB, BUMPER SUB, JARS, 6 DC'S, ACCELERATOR, & 200 JTS J-55 2-3/8", 4.7#. RAN INTO TITE SPOT IN CSG @ 6,715' KB. HAD TO JAR FREE FROM TITE SPOT.
- 12-13-81 BLEW WELL DOWN, PMPD 45 BBLs 2% KCL WTR. SKIRT ON OVER-SHOT, HIT TITE SPOT IN CSG SWELLED BUMPER SUB & BLEW SEALS ON JARS. BLEW WELL DOWN PUMPED 45 BBLs 2% KCL WTR. RIH W/3-5/8" OVERSHOT, FLOAT SUB, BUMPER SUB, JARS, 6 DC'S, ACCELERATOR, & 150 JTS 2-3/8" TBG.
- 12-14-81 STATIC.
- 12-15-81 BLEW WELL DOWN. FIN IN HOLE W/76 JTS, 2-3/8" TBG. TAGGED FISH @ 7,183' KB. CIRC'D N2. LATCHED ONTO CUT-OFF 5' JT ABOVE PKR & ATTEMPTED TO RELEASE PKR SEVERAL TIMES. PKR WOULD NOT RELEASE. TIH W/WASH PIPE (15') FLOAT SUB, JARS, 6 DC'S & 224 JTS 2-3/8" TBG. TAG SAND FILL @ 7,168' KB (20' FILL) CIRC FOAM & CLEAN OUT SAND DOWN TO PKR. RIH W/OVERSHOT, FLOAT SUB, BUMPER SUB, JARS, DC'S ACCELERATOR & 2-3/8" TBG. CIRC FOAM TO CLEAN OUT SAND, LATCHED ONTO FISH, RELEASED PKR & STARTED DRAGGING PKR UP HOLE.
- 12-16-81 POH W/196 JTS TBG. PMPD 90 BBLs 2% KCL TO CALM WELL DOWN. PUMPD 90 BBLs 2% KCL TO CALM WELL DOWN. RIH W/PROD STRING W/THE FOLLOWING: EXPENDABLE CHECK VALVE @ 7,226' KB, HYDRO TRIP PRESS SUB @ 7,225' KB, 1 JT 2-3/8" J-55 4.7# EUE TBG, 1.78" "R" NIPPLE @ 7,193' KB, 59 JTS 2-3/8" J-55 4.7# EUE TBG, BAKER MODEL "FH" HYDROSTATIC PKR @ 6,353' KB, 8' PUP JT, BAKER SAFETY JT @ 5,344' KB, 120' BLAST JTS, 6' PUP JT, 8' PUP JT, BAKER MODEL "L" SLIDING SLEEVE @ 5,207' KB, 167 JTS, 2-3/8" J-55 4.7# EUE TBG W/3' PUP JT BELOW TOP JT. PMPD 16 BBLs 2% KCL DOWN TBG. DROPPED BALL & PRESS TO 3,000 PSI. SET PKR & BLEW OUT EXPENDABLE CHECK. RD DRAKE RIG #24 COMPLETION UNIT. 4:30 AM SICP = 1,100 PSI, SITCP = 1,550 PSI.
- 12-17-81 SIP 1,450 PSI (GRANEROS DAKOTA). SICP 1,210 PSI (PT LOOKOUT). OPEN WELL TO TEST SEP @ 4:30 PM, 12-16-81. FLOWING GRANEROS-DAKOTA PROD UP TBG. FTP = 490 PSI, 20/64" CHOKE, 260 PSI SEP PRESS 1,223 MCFD, 22 BO, 11 BW, 14 HRS. PT LOOKOUT FORMATION REMAINS SI.
- 12-18-81 FTP 450 PSI, 22/64" CHOKE, 220 PSI SEP PRESS, 1,028 MCFD, 14 BO, 10 BW, 24 HR FLOW TEST GRANEROS-DAKOTA. PT LOOKOUT SICP 1,250 PSI.