Form 9-331a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)
CORRECTED AMOUNT OF CEMENT)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

APPROVED
JUL 15 1963
J. L. GORDON
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

La • New Mexico
Lease No. 053434
Unit

COPY TO [illegible]

HOBBS

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Lea Unit July 11, 1963, 19

Well No. 10 is located 1980 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 13

SE NW Sec. 13 (¼ Sec. and Sec. No.) | 20-S (Twp.) | 34-E (Range) | (Meridian)

Lea Devonian (Field) | Lea (County or Subdivision) | New Mexico (State or Territory)

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 5165'; Ran 124 joints 9-5/8", 36# & 40#, J-55 and N-80 casing to 5061'; Cemented 1st stage with 750 sacks Trinity Lite-Wate 12-1/2# Gilsonite per sack and 1/4# Flocel per sack followed with 200 sacks Trinity regular with 2% gel and 1/4# Flocel per sack; Opened HOWCO pack-off D. V. tool with 400# psi; Pumped mud into hole and circulated 3-1/2 hours with no loss of mud; Cemented 2nd stage with 2500 sacks Trinity Lite-Wate cement with 12-1/2# Gilsonite per sack and 1/4# Flocel per sack followed with 200 sacks regular with 2% gel and 1/4# Flocel per sack; D. V. pack-off tool closed; Temp. survey found top of cement at 2530'; Perforated 9-5/8" casing 2450-51' using 4 jets; Ran Baker C.I. Model K cement retainer on wire line and set at 2350'; HOWCO mixed and displaced 3260 sacks Trinity regular with 3% gel; Good returns while mixing and displacing; No cement returns to surface; Temperature survey indicated cement top back of 9-5/8" casing to be at 2215; Perforated 9-5/8" casing 2150-51' using 4 jets; Ran Baker C.I. Model K cement retainer on wire line and set at 2050'; HOWCO mixed and displaced 5000 sacks Trinity Lite-Wate followed with 150 sacks Trinity regular; Temperature survey indicated cement top back of 9-5/8" casing to be at 1860'; Perforated 9-5/8" casing 1800-1801' using 4 jets; Ran HOWCO Model DC cement retainer on wire line and set at 1700'; With approx. 1500 sacks of Trinity Lite-Wate cement mixed, cement circulated to surface; Mixed 150 sacks Trinity regular cement and displaced down DP; W.O.C. 24 hours; Tested 9-5/8" casing with 2500 psi for 30 mins.; Drilled cement retainer at 1700'; Drilled cement and washed to 2045'; Pumped thru perforations at 1800-1801' with 750 psi; Set HOWCO DM cement retainer at 1650'; HOWCO mixed and displaced 250 sacks Trinity regular w/3% Calcium Chloride followed with 50 sacks Latex cement; Over displaced slurry with 5 bbls.; W.O.C. 6 hours; HOWCO mixed and displaced 100 sacks Latex cement; W.O.C. 24 hours; Drilled out cement retainers and cement to 5014'; Pressure tested 9-5/8" casing with 600 psi for 30 mins., held O.K.; Started drilling new hole 2:00 A.M. on 2-6-63; Total cement used running 9-5/8" casing, 14,110 sacks; Additional 3270 sacks used on lost circulation zone at 4036'.

DIST:
USGS
Comm. of Public Lands
J. A. Grimes
D. V. Kitley
J. R. Barber
Sinclair
Jake L. Hamon
File

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Marathon Oil Company

Address P.O. Box 220

Hobbs, New Mexico

By [signature]

Title [illegible]