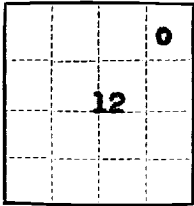


(SUBMIT IN TRIPLICATE)

Land Office Santa Fe  
Lease No. SF078439  
Unit Johnston-Federal



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
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	X
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)

August 3, 1964

Well No. 3 is located 990 ft. from N line and 990 ft. from E line of sec. 12

NE/4 Section 12 30N SW RMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco Vasverde San Juan New Mexico  
(Field) (County or subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>KB</sup> ~~subsurface~~ above sea level is 5930 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)

Refer to attached.



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

Company Union Texas Petroleum, A Division of Allied Chemical Corporation

Address Suite B-400, 1740 Broadway

Denver, Colorado 80202

By /s/ Charles M. Beard

Title District Superintendent

111000

Union Texas Petroleum  
Johnston-Federal #3  
NE NE Sec. 12-30N-9W  
San Juan County, New Mexico

1964

- 7/6 Ran socket to fish for sinker bar previously lost in hole. Hit cement bridge at 4913'. Failed to recover sinker bar. Set plug choke in tubing, stripped off tree, installed BOP's, rigged up workover unit. Preparing to recover plug choke and pick up drill pipe.
- 7/7 Recovered plug choke. Ran 1-3/4" drill pipe with 2-5/16" bit, bit stopped at 4083'. Pulled bit, redressed to 2-3/16". Ran bit, tagged cement at 4912'. Preparing to drill.
- 7/8 Unable to circulate w/gas. Pulled drill pipe, bit partially plugged. Ran drill pipe w/bit, circulating w/water and gas. Bottom hole flowing pressure exceeds 500# circulating gas pressure. Unable to circulate w/gas alone. Drilled to 4917'. Having trouble drilling by sinker bar.
- 7/9 Worked by sinker bar after using 5% acid solution w/gas to circulate. Drilled to 4924'. After making connection, had to work by fish. Drilled to 4936', bit plugged, made trip. Preparing to resume drilling.
- 7/10 Unable to make any hole. Drilling on top of fish. Pulled DP, ran impression block on wire line, good picture of fish. Top part of rope socket on sinker bar milled off. Failed to recover fish in 3 runs. Began to make some cavings. Ran DP, washed over fish. Pulling DP.
- 7/11 Failed to recover fish w/wire line tool. Ran overshot on DP, recovered fish. Ran DP to drill cement, twisted off. Recovered fish.
- 7/12 Mist drilled cement 4936' to 5000' w/gas & 5% acid solution. Perforated 4972-92 w/2 link jets per ft. Acidized w/2000 gallons 15% acid, maximum treating pressure 1400, instantaneous SIP zero. SI. Released rig at 7:00 am, 7/12.
- 7/13 Opened well after 8 hrs., kicked off flowing. Intermittently flowing well to clean up.
- 7/14 Blowing well to clean up.
- 7/15 Blowing well to clean up.
- 7/16 Blowing well to clean up.
- 7/17 CORRECTED REPORT FOR 7/16: 1260 MCF in 10 hrs., logged off 14 hrs. 7/17 report: 750 MCF in 24 hrs. On deliverability test. FINAL REPORT until deliverability test is completed.

