



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

1 cy to SF

March 6, 1961

Union Oil Company of California
615 West Texas Avenue
Midland, Texas

Gentlemen:

Reference is made to your Notice of Intention to Drill Federal well No. 2-23 (copy attached) in the SW $\frac{1}{4}$ sec. 23, T. 19 S., R. 20 E., N.M.P.M., Eddy County, New Mexico, on lease New Mexico 06645. Inasmuch as said lease lies within the "Potash Area" designated by the Secretary of the Interior on October 16, 1951, it is subject to the "Potash Stipulation".

Pursuant to the authority delegated by the Director, U. S. Geological Survey on March 1, 1961, I hereby approve the Notice of Intention to Drill the above described well to a depth of approximately 1700 feet to test the Yates sand. Please Notify the District Engineer, U. S. Geological Survey, Drawer U, Artesia, New Mexico, in sufficient time for a representative to witness all cementing operations.

Very truly yours,

EDWIN M. THOMPSON
Acting Oil and Gas Supervisor

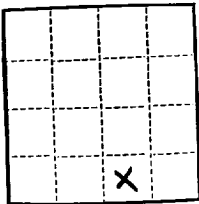
Copy to: Washington (ltr. only)
WDOCE, Artesia (w/2 cys ltr. & Notice)

(SUBMIT IN TRIPLICATE)

Land Office

Lease No. NE 06765**RECEIVED**

MAR 7 1961



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SUNDRY NOTICES AND REPORTS ON WELLS **E. C. ARTESIA OFFICE**

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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)

January 25, 19 61

Federal
Well No. 2-23 is located 660 ft. from NE line and 1980 ft. from E line of sec. 23

SW/4 of SE/4, Sec. 23 19-S 30-E NE
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated
(Field)

Edgy
(County or Subdivision)

New Mexico
(State or Territory)

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

FEB 6 1961

DETAILS OF WORK

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

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

It is proposed to drill an 11" hole from surface to the top of the salt, at an estimated 550 feet, cement 3-5/8", 24#, J-55 casing at 550' with sufficient cement to circulate. Below surface casing, drill 6-3/4" hole using saturated salt water emulsified with oil. Core the anticipated productive interval in the Yates formation at approximately 1700'. If production is indicated, cement 4-1/2" O.D. 9.5#, J-55 csg. at T.D. with sufficient salt water base cement to circ. to the surface. Perforate, treat and complete through 2" EOB, 4.7#, J-55, tubing.

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

Company Union Oil Company of California

Address 619 West Texas Avenue

Midland, Texas

By

Title Drilling Supv.

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FORM C-128
Revised 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION **PMAR 7 1961**

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

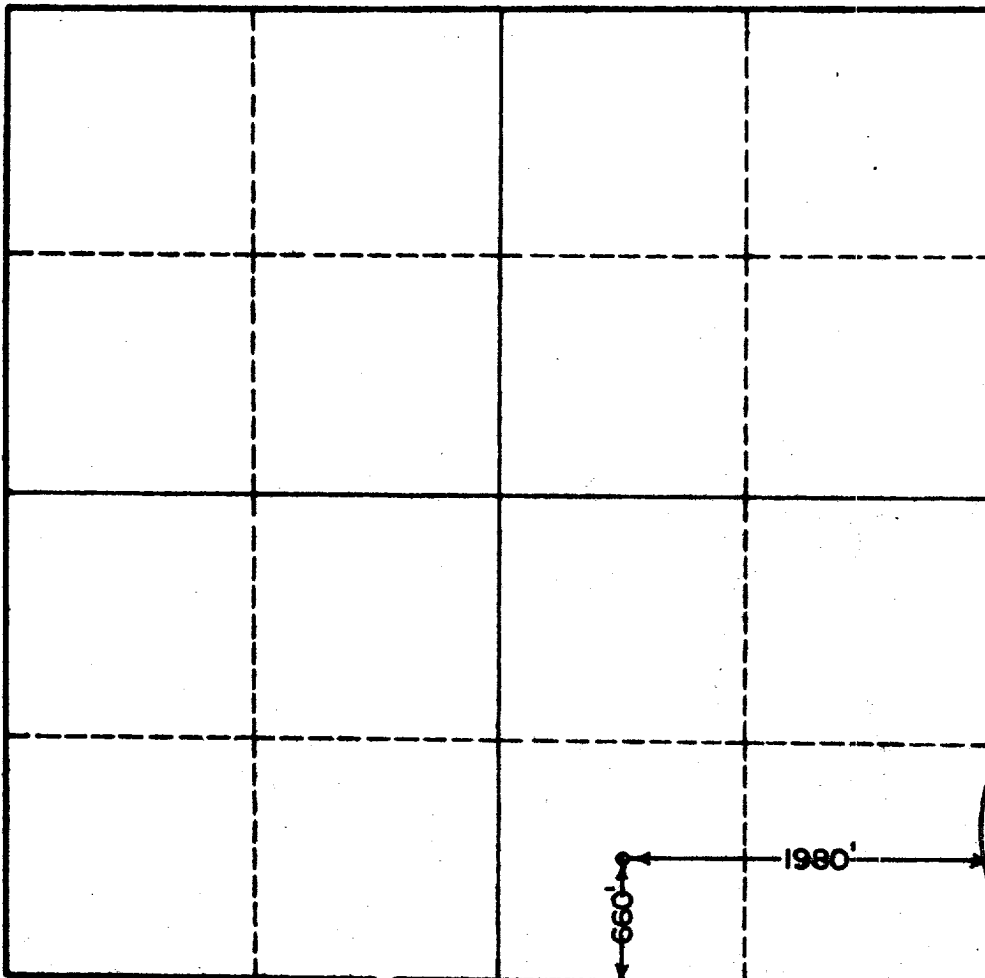
Operator Union Oil Co. of California			Lease Federal		ARTESIA, NEW MEXICO Well No. 2-23	
Unit Letter 0	Section 23	Township 19 South	Range 30 East	County Hddy		
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line						
Ground Level Elev.	Producing Formation Tates		Pool Undesignated	Dedicated Acreage: 40 Acres		

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1955 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communication agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation ____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Lease Description

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ARTESIA, NEW MEXICO

SECTION B

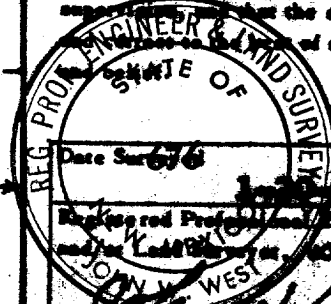


CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

[Signature]
Name
R. W. Yeabrough
Position
Drilling Dept.
Company
Union Oil Co. of California
Date
January 25, 1961

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge.



Date Surveyed **1-25-61**
Registered Professional Engineer
and/or Licensed Surveyor, **JOHN H. WEST**
Certificate No. **1012**
N. M. - P. E. & L. S. NO. 678