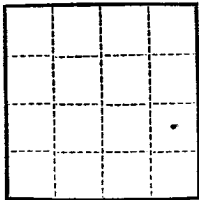


Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las Cruces

Lease No. LC 068474

Unit Government "B"

Cities Service Oil Co.

1951 JUL 31 PM 6:39

## SUNDRY NOTICES AND REPORTS ON WELLS

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)

July 30, 1954

Well No. 9 is located 1980 ft. from NE line and 660 ft. from E line of sec. 3  
NE SE 3 14S 31E NMPM  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Drickey-Queen (Ext.) Chaves New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4425 ft. (Est.)

### 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)

It is proposed to drill this well to an approximate total depth of 3060' in the Queen Sand.

Size of Casing	Weight Per Foot	Depth	Cement
13 3/8" OD	36# and/or 48#	320'	Cemented-circulate
8 5/8" OD	24#	1400'*	Mudded
5 1/2" OD	14#	3000'	150 sacks **

\* 8 5/8" will be reclaimed  
 \*\* Mud ahead of cement

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

Company Cities Service Oil Company  
 Address Box 97  
Hobbs, New Mexico  
 By [Signature]  
 Title Asst. Division Supt.

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## THEORY OF THE EARTH'S CRUST AND MANTLE

The theory of the Earth's crust and mantle is a branch of geophysics that deals with the physical properties and processes of the Earth's interior. It is based on the study of seismic waves, which are generated by earthquakes and other geological events. The theory of the Earth's crust and mantle is also based on the study of the Earth's magnetic field, which is generated by the movement of molten material in the mantle. The theory of the Earth's crust and mantle is also based on the study of the Earth's thermal history, which is determined by the heat flow from the interior to the surface. The theory of the Earth's crust and mantle is also based on the study of the Earth's chemical composition, which is determined by the analysis of rocks and minerals. The theory of the Earth's crust and mantle is also based on the study of the Earth's geological structure, which is determined by the study of the Earth's crust and mantle. The theory of the Earth's crust and mantle is also based on the study of the Earth's geological processes, which are determined by the study of the Earth's crust and mantle. The theory of the Earth's crust and mantle is also based on the study of the Earth's geological history, which is determined by the study of the Earth's crust and mantle. The theory of the Earth's crust and mantle is also based on the study of the Earth's geological future, which is determined by the study of the Earth's crust and mantle.

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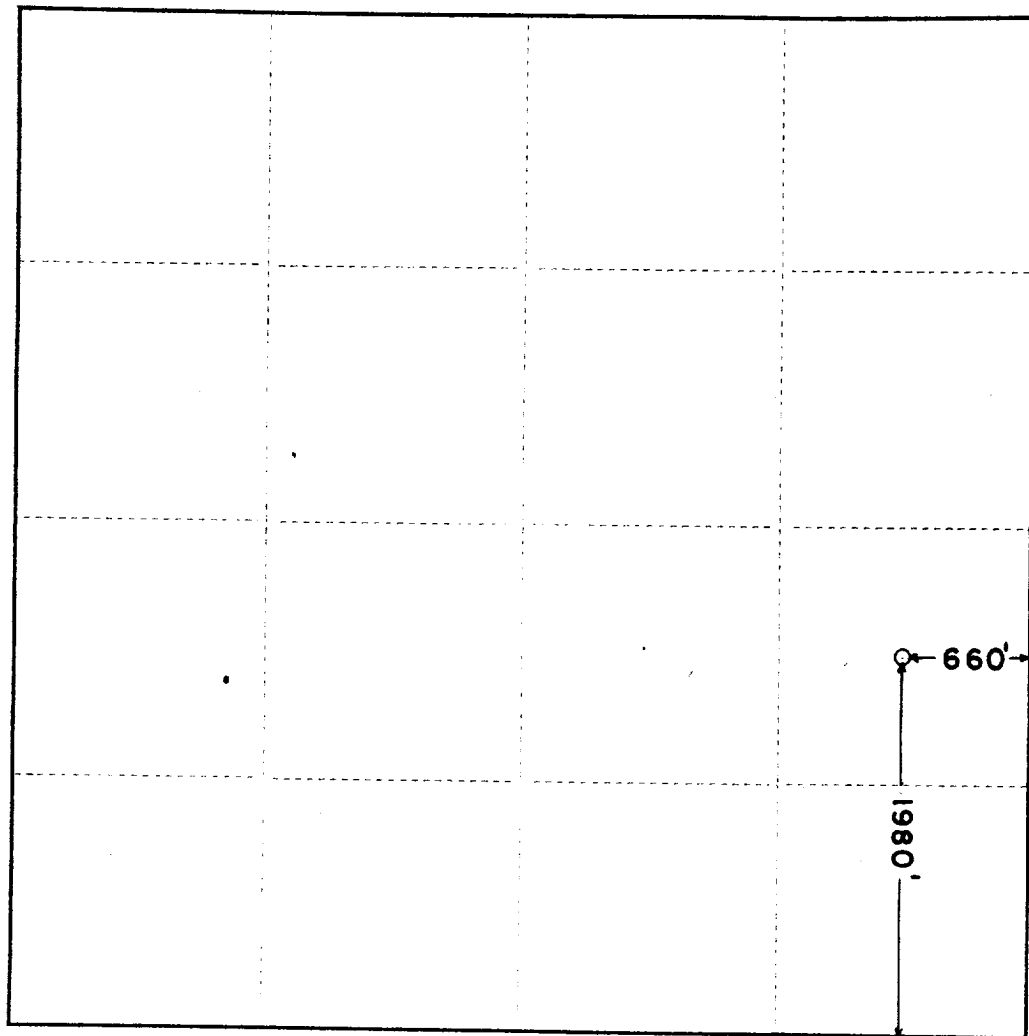
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# WELL LOCATION SURVEY PLAT

OPERATOR CITIES SERVICE OIL CO.

LEASE GOVERNMENT "B"

WELL NO. 9



SEC. 3, TWP. 14 S., RGE. 31 E., N.M.P.M.

I HEREBY CERTIFY THAT THIS PLAT WAS MADE  
FROM NOTES TAKEN IN THE FIELD BY ME AND  
THAT THE SAME IS TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*John W. West*

JOHN W. WEST, PE & LS NO. 676

7-30-1954