



(SUBMIT IN TRIPLICATE)

 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

 Land Office **New Mexico**
 Lease No. **LC-063935**
 Unit **Henshaw Deep**

 SUNDRY NOTICES AND REPORTS ON WELLS
 OCT 27 1961
D. B. C. ARTESIA OFFICE

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	X	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)

October 19, 1961

Henshaw Deep Unit
 Well No. **3A-X** is located **1925** ft. from **S** line and **1960** ft. from **W** line of sec. **24**
NE/4, SW/4, Sec. 24 **16S** **30E** **RMPM**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Henshaw-Pennsylvanian **Sady County** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3853** 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)

We propose to drill Shell Henshaw Deep Unit Well No. **3A** as a **9610-foot Pennsylvanian** test w/rotary tools as follows: **3-X**

Drill **24"** hole & cement **20'** Conductor Pipe at **60'**.
 Drill **17 1/2"** hole to **500'** & cement **48#**, **13 3/8"** casing w/**500** sx. Circulate cement.
 Drill **12 1/4"** hole to **3150'** & cement **36#**, **9 5/8"** casing w/**1200** sx. Circulate cement.
 *Drill **8 3/4"** hole to **8700'** then drill **7 5/8"** hole to **9610'** & cement **9.5#** & **11.6#**
 & **1 1/2"** casing @ **9500'** w/**600** sx.

* As per telephone conversation between J. A. Knauf, USGS, & R. A. Lowery, Shell Oil Company 10-19-61.

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

 Company **Shell Oil Company**
 Address **Box 1858**
Roswell, New Mexico

 By **R. A. Lowery**
 Title **District Exploitation Engineer**

RECEIVED

OCT 20 1961

 U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO
 Original Signed By
R. A. LOWERY