

WATER ANALYSIS

GREGORY WELL #1

SAMPLE TAKEN FROM STOCK TANKS

SAMPLE TAKEN 10-2-37

ANALYSIS BY: SMALLIN - TEXAS TECH LAB., LUBBOCK TEXAS

	Sample #1	Sample #2
Chloride	654	655
Sulphate	194	184
Calcium	294	332
Magnesium	32	25
Silica, Iron & Aluminate	35	33
Carbonates	153	151
Sodium (by difference)	463	493
	<u>1825</u>	<u>1853</u>

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSerial Number **084687**Lease of **XXX Gregory**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT RECORD OF SHOOTING.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		RECORD OF PERFORATING CASING.....	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....	X	NOTICE OF INTENTION TO ABANDON WELL.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO SHOOT.....		SUPPLEMENTARY WELL HISTORY.....	

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

9-15, 19 **37**Following is a ~~notice of intention to do work~~
report of work done on land under ~~lease~~ described as follows:

New Mexico **Lee County** **Large**
(State or Territory) (County or Subdivision) (Field)
Well No. **1** **C NE NW 35** **25S** **37E** **NMFM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located **600** ft. **N** of **N** line and **1200** ft. **E** of **W** line of sec. **35-35-37**The elevation of the derrick floor above sea level is **3016** ft.

DETAILS OF PLAN 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.)

TD 3120'. 7" OD - 34/ API Grade C Seamless Casing cemented at 3098'
with 150 sks. common cement was tested with 1200/ pressure before
drilling out cement plug. Pressure decreased 50/ in 30 minutes.
No test was possible after drilling out plug because of the porous
nature of the open hole. After drilling 25' new hole an estimated
150,000 cu. ft. gas was encountered. This gas unloaded the drilling
fluid (oil) and was allowed to flow 8 hours. At the end of the test
no water or mud showed in the drilling fluid when drilling was resumed.

RECEIVED
SEP 18 1937Approved _____
(Date)Company **Anderson-Richard Oil Corp.**By **Horton Payne**Title _____
GEOLOGICAL SURVEYTitle **Manager Prod. Dept.**

Address _____

Address **Box 1097, Hobbs, New Mexico**

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.