

**N.**

**Santa Fe, New Mexico**

5. New Mexico PROBATION OFFICE O. C. C.

**WELL RECORD**

[illegible]

AREA 640 ACRES  
LOCATE WELL, CORRECTLY.

Well No. 2-21, in NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 21, T. 9-S, R. 33-E, NMPM.  
Undesignated Pool, Lea County.

Well is 1778.7 feet from South line and 664.4 feet from West line  
of Section 21 If State Land the Oil and Gas Lease No. is OG-5083

Drilling Commenced..... 5-23-..... 19<sup>64</sup> Drilling was Completed..... 6-2-..... 19<sup>64</sup>

Name of Drilling Contractor..... Verna Drilling Company.....

Address..... Levelland, Texas

Elevation above sea level at Top of Tubing Head.....4365.4'..... The information given is to be kept confidential until  
....., 19.....

No. 1, from 4475' to 4494' No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....None.....to.....feet. ....

No. 2, from.....to.....feet. ....

No. 3, from.....to.....feet. ....

No. 4, from.....to.....feet. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	Used	263'	Tex Pat	----	-----	Surface
4-1/2"	10.5#	New	4544'	Guide	----	4475 - 94'	Production

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12- $\frac{1}{4}$ "	8-5/8"	263'	175	Pump	9.3#/Gal	Unknown
7-7/8"	4- $\frac{1}{2}$ "	4544'	300	"	10.3#/Gal	"

(Record the Process used, No. of Ots. or Gals. used, interval treated or shot.)

Perforated well at 4475 - 94' with two jet shots/ft.

Acidized well with 1000 gals BDA.

Result of Production Stimulation..... Well produced 102.6 BOPD.

**Depth Cleaned Out.....**

## RECORD OF DENTAL EXAM AND SPEC TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 4544' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing..... June 7....., 19 64

OIL WELL: The production during the first 24 hours was.....108.....barrels of liquid of which.....95.....% was oil; .....0.....% was emulsion; .....5.....% water; and.....0.....% was sediment. A.P.I. Gravity.....19.3.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
Liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### **Southeastern New Mexico**

## Northwestern New Mexico

T. Anhy.....	1320'	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	2458'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	3695'	T. Granite.....	T. Dakota.....
T. Glorieta.....		T. D- 4542'	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....		T. ....	T. ....
T. Abo.....		T. ....	T. ....
T. Penn.....		T. ....	T. ....
T. Miss.....		T. ....	T. ....

# FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
-0-	1820	1820	Redbeds				
1820	3695	1875	Red Shale, Anhydrite, Salt				
3695	4542	847	Dolomite, Anhydritic				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator.....Coastal States Gas  
.....Production Company  
Name.....Joe R. Howard

Joe P. Holland June 23, 1966  
(Date)  
Address P. O. Box 385, Abilene, Texas  
Position or Title Production Superintendent