

NEW MEXICO OIL CONSERVATION COMMISSION

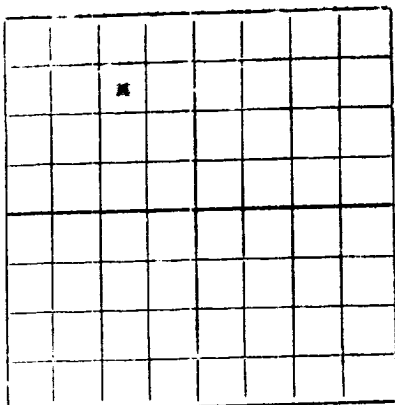
Santa Fe, New Mexico

HOBBS OFFICE O. C. C.

JUN 1 8 45 AM '64

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6 Copies



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Corper Drilling Company, Inc. (Company or Operator) **Soldier Hill State 'AE'** (Lease)

Well No. **1**, in **NE** 1/4 of **NW** 1/4, of Sec. **23**, T. **12 S**, R. **32 E**, NMPM.

**Wilcox** Pool, **Lee** County.

Well is **800** feet from **North** line and **1000** feet from **West** line

of Section **23**. If State Land the Oil and Gas Lease No. is **8-7748**

Drilling Commenced **March 16**, 19 **64**. Drilling was Completed **May 8**, 19 **64**.

Name of Drilling Contractor **Corper Drilling Company, Inc.**

Address **Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head **4336'**. The information given is to be kept confidential until

19 **64**.

OIL SANDS OR ZONES

No. 1, from **11,224** to **11,234** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

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

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
11 3/4"	21.8	New	223	upside	---	---	surface
8 5/8"	24 & 32	"	3608	"	---	---	intermediate
5 1/2"	17 & 20	"	11,273	"	--	11,224-11,234	production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	11"	234	240	pump & plug		
11"	8 5/8"	3619	230	pump & plug		
7 7/8"	5 1/2"	11,288	300	pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

**200 gallons HCl acid**

Result of Production Stimulation **flushed 300 barrels oil plus 200 barrels water per day**

Depth Cleaned Out **11,241**

**RECORD OF DRILL-STEM AND SPECIAL 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 ..... feet to 11,290 feet, and from ..... feet to ..... feet.  
 Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet.

**PRODUCTION**

Put to Producing May 15, 19 64

OIL WELL: The production during the first 24 hours was 300 barrels of liquid of which 60 % was oil; ..... % was emulsion; 40 % water; and ..... % was sediment. A.P.I. Gravity 41.3

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. <u>1487</u>	T. Devonian <u>11,214</u>	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates <u>2260</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen <u>2972</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres <u>3575</u>	T. Granite.....	T. Dakota.....
T. Glorieta <u>4960</u>	T. ....	T. Morrison.....
T. Drinkard <u>6406</u>	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo <u>7170</u>	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss. <u>10,568</u>	T. ....	T. ....

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1487	1487	Alluvium & red beds				
1487	2260	773	Anhyd., salt, red beds				
2260	2972	712	Sd., Anhyd. & Sh.				
2972	3575	603	Sd., Anhyd., sh. & Dolo.				
3575	4960	1385	Dolo.				
4960	7170	2210	Sd. & Dolo w/occas. Sh.				
7170	8527	1357	Sh. & Dolo.				
8527	9280	753	Ls., Sh. few Dolo. Stringers				
9280	10,568	1288	Sd., Sh. & Ls				
10568	11,106	538	Ls & Chert				
11106	11,214	108	Fgr., Sd & Sh				
11214	11,290	76	Dolo				

Enclosed are two copies of Schlumberger Gamma Ray-Sonic, Laterolog and Microlaterolog Logs.

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 Casper Drilling Company, Inc. Address Artesia, New Mexico (Date) May 27, 1964  
 Name Vincent Foster Title Petroleum Engineer