

A large grid of graph paper, consisting of approximately 10 columns and 8 rows. A single black dot is located in the bottom right corner of the grid.

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **072006**
LEASE OR PERMIT TO PROSPECT **ARC Federal**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address 520 E. Broadway, Hobbs, New Mexico
 Lessor or Tract ARC Federal Field Caprock-Queen State New Mexico
 Well No. 3 Sec. 8 T. 14S R. 31E Meridian _____ County Chaves
 Location 330 ft. ^[N]_[S] of S. Line and 1650 ft. ^[E]_[W] of E. Line of Section 8 Elevation 4028

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date 6-7-57 Title District Superintendent

The summary on this page is for the condition of the well at above date

Commenced drilling ----- **May 17**, 19**57** Finished drilling ----- **May 25**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2701 to 2735 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24	51-51	ARMCO	225					Surface Production Testing
5-1/2	24	51-51	ARMCO	2715	Float		2707	2715	
2-3/8	4.7	62	ARMCO	2720					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	225	275	B. J. Service Inc		
5-1/2	2740	200	" "		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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Perforated 5-1/2" cog F707 - 2715 w/2 jet & 2 bullet shot per foot. Sandfraced w/10,000#/cog & 10,000# sand. Max Press 2600, Min press 2600, Ing Rate 22.7 bbl per min. 5 Min SIP 1200#, 3-1/2 hrs 200#. Recovered lead oil & well flowed 96 bbls oil in 12 hrs.

TOOLS USED

TOOLS USED

Rotary tools were used from Surface feet to 2740 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

----- 5-27, 1957 Put to producing ----- May 28, 1957

The production for the first 24 hours was 192 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 10

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

----- **C.W. Coffey** -----, Driller
----- **R.M. Smith** -----, Driller
----- **H.E. Bridgeman** -----, Driller
-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	225	225	Sand & Shale
225	1114	889	Redbed & Shale
1114	1875	761	Salt & Anhydrite
1875	2420	545	Salt, Anhydrite & Shale
2420	2740	320	Lime, Anhydrite & Gypsum
2740	Total Depth		
2735	Plug Back Depth		
GEOLOGICAL TOPS: (Electric Log)			Drill Stem Test #1 f/2710' - 2740. 5/8" bottom & 1" top chokes. No water blanket. Open 1 hour. Good blow thruout test. Gas to surface in 32 mins. Recovered 20' oil & gas out drilling mud, 80' mud & gas out oil, and 100' free oil. No water. IFP zero, FFP 105, 15 mins SIP 890.
Yates	1921'		
Penrose	2679'		
Queen	2701'		

Orig & 3 cc: SEGS
CC: FHR, HFD, File

Orig & 3 cc: HSGS
CC: FBI, HPD, FILE

