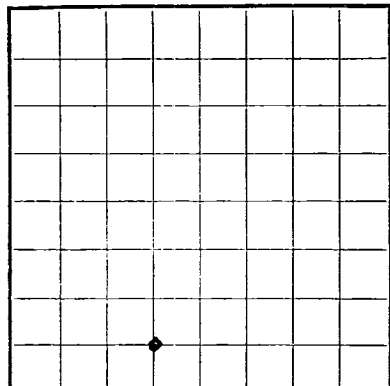


U. S. LAND OFFICE **Hobbs, New Mex.**
SERIAL NUMBER **LC 060742**
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **COCKEN PETROLEUM CORPORATION** Address **Box 1311, Big Spring, Texas**
Lessor or Tract **Federal Lands** Field **Wildcat** State **New Mexico**
Well No. **1-#1** Sec. **31** T. **8-S** R. **36-E** Meridian **NMPH** County **Roosevelt**
Location **660** ft. **N.** of **S** Line and **1956** ft. **E.** of **W.** Line of **Sec. 31** Elevation **4130**
XX **XX** (Derrick floor relative to sea level)

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 **H. T. Bratcher** **H. T. Bratcher**

Date **May 5, 1960** Title **Supt. of Production**

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

Commenced drilling **March 22**, 19**60** Finished drilling **April 27**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
13-3/8	484	8-24		487	T.P.	None	None	None	Surface
8-5/8	32	8-24		4234	Guide	Cut @ 475'	None	None	Intermediate
						Pulled 475'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	487	475	Pump & Plug		
8-5/8	4234	2250	Pump & Plug		

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

TOOLS USED

Rotary tools were used from _____ feet to **9380** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

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

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller **R. L. Sizemore**, Driller
_____, Driller **J. R. Blackburn**, Driller
_____, Driller **R. D. Searles**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	438	438	Caliche & Red Bed
438	490	32	Anhydrite
490	525	35	Red Bed
525	2263	1738	Red Bed, Salt, Anhydrite
2263	4068	1805	Anhydrite, Salt Strands, Gyp.
4068	4234	166	Anhydrite & Lime
4234	6083	1849	Lime
6083	6290	117	Lime & Sand
6290	7593	1393	Sh
7593	7821	228	Lime & Shale
7821	7905	84	Lime
7905	8155	250	Lime & Shale
8155	9880	1725	Lime
	9880 T.D.		

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEE	FORMATION
DET #1	4695-4860		Tool open 1 hr. weak blow of air for 4 min. and dtd. Rec. 30' drlg water. 30 min ISIP 4904 IPRT 1036, 30 min PSIP 2156, N4D 237 Temp. 110° F Tool open 1 hr. Weak blow & dtd, bypassed in 30 min. weak blow & dtd in 30 sec., Rec. 110' drlg mud, 90' salt wcr. 30 min ISIP 32 IV 70, IV 95. 30 min PSIP 27256, N4D 4920-4 Temp. 141° F Used 1000' Nitrogen Blamhet @ 375 psi Tool open 1 hr. no blow. Rec. nitrogen blam 10' drlg mud - 30 min ISIP 1173, IPRT 440, PSIP 607, N4D 5070, Temp 140° F Used 1000' Nitrogen Blamhet @ 375 psi Tool open 1 hr. no blow. Rec. nitrogen blam 15' drlg mud, 30 min ISIP 1131, IPRT 419, N4D 5179 Used 1000' Nitrogen Blamhet @ 375 psi Tool open 1 hr. with weak blow for 4 min. & dtd, bypassed tool after 30 min w/ weak blow for 10 min. & dtd. Rec. 140' drlg mud, 30 min ISIP 305, IV 85, N4D 3490-3360 30 min PSIP 285
DET #2	0075-9075		
DET #3	9710-9800		
DET #4	9000-9080		
DET #5	6555-6600		
DET #6	6540-6600		
DET #7	6545-6615		
DET #8	6530-6645		
DET #9	6470-6545		

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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NEW RAD

YOUNG AND DOUGLAS

80-10761-170 [unclear]

SECRET

