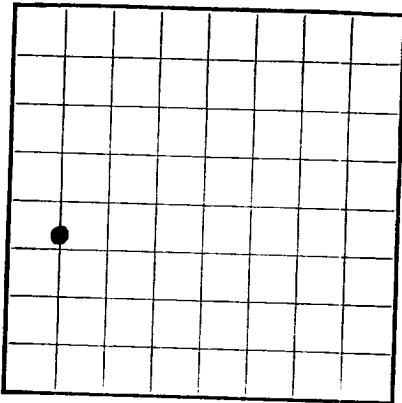


U. S. DEPARTMENT OF THE INTERIOR
Las Cruces
SERIAL NUMBER 68930010-32LEASE OR PERMIT TO PROSPECT
Cox FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company CHASE PETROLEUM CO Address 308 GULF BLDG., MIDLAND, TEXAS
Lessor or Tract COX FEDERAL Field ALLISON-PENN State NEW MEXICO
Well No. 2 Sec. 1 T. 9S R. 36E Meridian NMPM County LEA
Location 2120 ft. ^(N.) of S Line and 660 ft. ^(E.) of W Line of SW 1/4 Sec 1 Elevation 4054.70
_(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

Title PETROLEUM ENGINEERDate May 5, 1961

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

Commenced drilling 3-23, 1961 Finished drilling 4-24, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9645 to 9665-011 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 None tested 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	47	8	Natl	375	Halliburton				
8 5/8	24.8	8		1167					
4 1/2	11.8	8		9702			9645	9665-011	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	375	350			
8 5/8	4179	1450			
4 1/2	9713	150			

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 13 feet to 9713 feet, and from _____ feet to _____ feet
Cable tools were used from Not used feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 1961
The production for the first 24 hours was 264 barrels of fluid of which 100% was oil; 0%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 47.6
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 MARCUM DRLG CO, Driller
G. E. Cambell, Driller A. F. Griffin, Driller
Bob Cornettius, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	375	375	Surface
375	715	340	Red bed
715	2398	1683	Red bed & anhy
2398	4041	1643	Anhy & salt
4041	7653	3612	Lime
7653	7880	227	Lime & shale
7880	8271	391	Abo shale
8271	9713 (TD)	1442	Lime
			FORMATION TOPS: COX FEDERAL #2
		Anhy 2232	Glorieta 5517
		Salt 2310	Tubbs 6914
		B/Salt 2703	Abo 7700
		Yates 2826	Permo Penn 8957
		Queen 3546	Bough "C" 9631
		San Andres 4090	

[illegible]

Well drilled using rotary tools to 2713'. After setting 4 1/2" csg
0713' a complete Gamma Ray-Neutron log was run from the surface to
9695 1/2' (P3TD). The Pennsylvaniaian bough "N" zone was perforated
from 9645-9665, 20', 80 shots, and treated with 1000 gallons 15%
special low tension acid. Well was swabbed and flowed 264 barrels of
new oil in 24 hours on a 20/64" choke (surface). Tubing flowing pres-
sure 100 psi.

ORIGINAL COMPLETION HISTORY
APRIL 1961

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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FORMATION RECORD—Continued