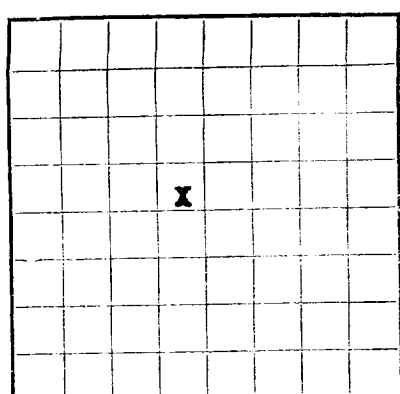
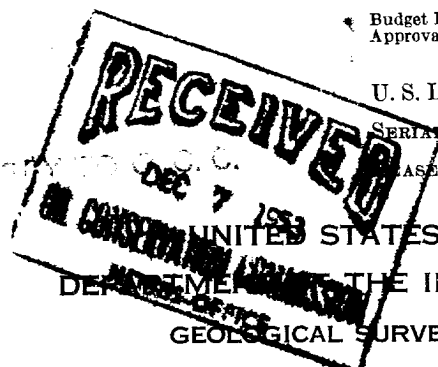




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N.M. 02892
CLASS OR PERMIT TO PROSPECT Black Hill

LOG OF OIL OR GAS WELL

Company Westcoast Hydrocarbons, Inc. Address Box 660 Roswell, New Mexico
 Lessor or Tract Black Hills Unit Field Wildcat State New Mexico
 Well No. 1 Sec. 28 T. 17S R. 20E Meridian N.M.P.M. County Chaves
 Location 1980 ft. S of N Line and 1980 ft. E of W Line of Sec. 28 Elevation 4769'
 (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.

Date **September 18, 1953**

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

Commenced drilling July 8, 1952 Finished drilling June 9, 1953

OH 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 850 to 900 No. 3, from 1845 to 1857
No. 2, from 4787 to 4821 No. 4, from 4866 to 5012

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Circ and pulled from	Perforated		Purpose
							From—	To—	
13 5/8"	48	8	Youngstn.	20'	Belled	-----			Surface
8 5/8"	24	8	Youngstn.	1798'	Guide				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 5/8"	26'	20 - 13 Calseal	Rig		
8 5/8"	1803'	35	Pump		

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 3703 feet to 5612 feet, and from 3751 feet to feet
 Cable tools were used from 0 feet to 3703 feet, and from feet to feet

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 _____

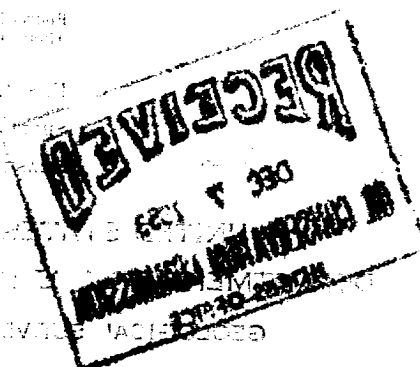
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. V. Miller	Driller	J. E. Hamcock	Driller
R. O. Jacobs	Driller	G. F. Noel	Driller

FORMATION RECORD

[illegible]



HISTORY OF OIL OR GAS WELL.

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.

This well was originally intended to be a cable tool test to be drilled to the Pennsylvania formation at a depth of 7,500'. The cable tool equipment was unable to drill the red shale section in the Abo formation and the well was completed with rotary equipment. The cable tool operations were abandoned January 8, 1953 after drilling the rat and mouse hole for the rotary. Re-drilling operations were commenced May 4, 1953 with rotary equipment. The well was drilled to a total depth of 5612' in the Killeburger formation and abandoned as a dry hole. The drill site was returned to its original contours 9-18-53.

HISTORY OF OIL OR GAS WELL.

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
0	240	240	Gray dense crystalline Dolomite
240	280	40	Dark gray crystalline Dolomite with slight P.P. Por.
280	500	220	Tan-gray crystalline Dolo. with trace Anhy & L.
500	745	245	Gray-buff crystalline Dolomite.
745	850	105	Gray dense Dolomite & Lime 40% Lime
850	900	50	White med. grain - yellow sand. 2 bail. sul.
900	1020	120	Yellow sand with Dolomite stringers
1020	1182	162	White Anhy. with gray dense Dolomite.
1182	1225	43	Dark gray dense Dolomite
1225	1300	75	Anhydrite and Dolomite.
1300	1500	200	Anhydrite and Dolomite with sand stringers
1500	1650	150	Dark gray Dolomite with Anhydrite stringers
1650	1750	100	Tan crystalline slightly porous Dolomite.
1750	1900	150	Gray dense Dolomite with Anhydrite stringers
1900	2330	430	Gray dense Dolomite with Anhydrite stringers
2330	2370	40	Gray Dolomite with gray fine sand
2370	2505	135	Red fine sand
2505	2650	145	Gray Dolomite with sand stringers
2650	2939	289	Dolomite with Anhydrite and gray shale stringers
2939	3130	191	Red shale. Top of Abo 2939'
3130	3420	290	Gray Dolo. with Anhy. and black shale.
3420	3640	220	Red shale
3640	4200	560	Red shale and Arkosic sand
4200	4290	90	Red shale & Arkosic sand with lime stringers
4290	4435	125	Arkosic sand with shale and lime
4435	4570	155	White to gray dense cherty lime with sand stringers
4570	4788	218	Gray dense crystalline lime with trace of chert, sand and shale.
4788	4960	172	White-gray crystalline Dolomite. Top of Killeburger 4788'
4960	4010	50	Tan siltstone with trace chert. Salt water 4966-5048'
5010	5160	150	Gray crystalline Dolomite. (Was off)
5160	5308	148	Gray-tan crystalline Dolomite. Salt water 5268-5283'. Top Killeburger 5308'
5308	5612	304	Gray-buff crystalline Dolomite with clean frosted quartz grains imbedded in Dolomite. Salt water 5534-5612'. (See to 5612')