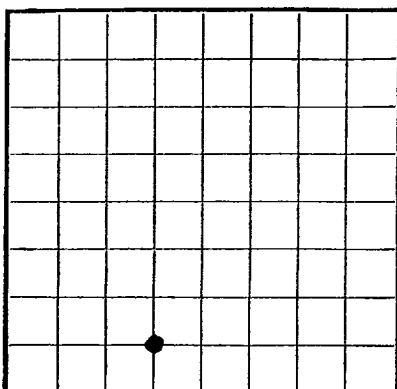


U. S. LAND OFFICE New Mexico
SERIAL NUMBER N.M. 0323
LEASE OR PERMIT TO PROTECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western Development Co. Address P. O. Box 445, Artesia, N.M.
Lessor or Tract Holloway Field Bildcat State New Mexico
Well No. 1 Sec. 6 T. 20R. 11Meridian N.M. County San Juan
Location 660 ft. N. of S. Line and 1930 ft. E. of W. Line of Sec. 6 Elevation 6078'
(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 W B MacyDate June 6, 1957 Title Vice President

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

Commenced drilling May 4, 1957 Finished drilling May 21, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5003 to 5078 No. 4, from 5244 to 5248
No. 2, from 5107 to 5182 No. 5, from 5248 to 5248
No. 3, from 5187 to 5207 No. 6, from 5207 to 5207

IMPORTANT WATER SANDS

No. 1, from 5003 to 5078 No. 3, from 5244 to 5248
No. 2, from 5107 to 5182 No. 4, from 5207 to 5207

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 5/8</u>	<u>24</u>	<u>8</u> rd.	<u>Stls.</u>	<u>211</u>	<u>Guide</u>	<u>---</u>			<u>Surface</u>
<u>5 1/2</u>	<u>15.5</u>	<u>8</u> rd.	<u>Stls.</u>	<u>5307</u>	<u>Guide</u>	<u>---</u>			<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>211</u>	<u>125</u>	<u>plug & flow</u>	<u>9.0</u>	<u>Circulated</u>
<u>5 1/2</u>	<u>5307</u>	<u>150</u>	<u>"</u>	<u>9.0</u>	<u>Top of cement 4585'</u>

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 0 feet to 5374 feet, and from --- feet to --- feet
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

DATES

Put to producing June 5, 1957

The production for the first 24 hours was 324 barrels of fluid of which 100% 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

C. E. Wood, Driller J. T. Tony, Driller
J. P. Snow, Driller (H. D. Lynn Drilling Co.), Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>41</u>	<u>41</u>	<u>surface sand & gravel</u>
<u>41</u>	<u>218</u>	<u>177</u>	<u>sand & gravel</u>
<u>218</u>	<u>539</u>	<u>321</u>	<u>broken shale</u>
<u>539</u>	<u>1382</u>	<u>843</u>	<u>sand & shale</u>
<u>1382</u>	<u>2293</u>	<u>911</u>	<u>sand & shale</u>
<u>2293</u>	<u>2550</u>	<u>557</u>	<u>sandy shale</u>
<u>2550</u>	<u>3145</u>	<u>295</u>	<u>sand & shale</u>
<u>3145</u>	<u>3575</u>	<u>430</u>	<u>sand & shale</u>
<u>3575</u>	<u>3930</u>	<u>355</u>	<u>sand & broken shale</u>
<u>3930</u>	<u>4228</u>	<u>298</u>	<u>sand & shale</u>
<u>4228</u>	<u>4445</u>	<u>237</u>	<u>sandy shale</u>
<u>4445</u>	<u>4748</u>	<u>303</u>	<u>shale</u>
<u>4748</u>	<u>4900</u>	<u>152</u>	<u>sandy shale</u>
<u>4900</u>	<u>4905</u>	<u>65</u>	<u>sandy shale & lignite</u>
<u>4905</u>	<u>5015</u>	<u>50</u>	<u>sandy shale</u>
<u>cored 5015</u>	<u>5005</u>	<u>50</u>	<u>Recovered 50' salty gray brown shale w/sand streaks, 5040-5170</u>
<u>cored 5005</u>	<u>5115</u>	<u>50</u>	<u>5004-05.</u>
<u>cored 5115</u>	<u>5170</u>	<u>55</u>	<u>sand & shale</u>
<u>cored 5170</u>	<u>5225</u>	<u>55</u>	<u>recovered 55' shale & sand w/thin sand streaks 5154-5170, predominantly sand fractured in places</u>
<u>cored 5225</u>	<u>5225</u>	<u>55</u>	<u>recovered 55' top 3' fine grained sandstone w/thin shale streaks.</u>
<u>cored 5225</u>	<u>5225</u>	<u>55</u>	<u>Rest of core shale & sand streaks</u>

(OVER)

16-43094-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[illegible]

Y H'CE9802 / EMI-STA20 I

• <http://www.pearsoned.com> **Copyright 2004**

[illegible]

..... 7100000 subtotal 3111111 3111111

... .. to to to

10-107-8011

[illegible]

100-453001-1000
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 06-05-2001 BY 60322 UCBAW

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 07-26-2008 BY 60322 UCBAW/SJS

Top of cement bedding at 45 ft. Top of cement
at 53.27'. Van Lane Wells section. Electron log
following zones w/ resistivity anomalies per foot:
51.7-52.1, 51.7-52.0, 52.4-52.5. Total s.g. 260.1 at contact.
perforated at; washed w/ 500 gals. acid. sand-oil in
vents. w/ 53,420 gals; dist crude oil 55,000 # sand being rubber
balls after every 10,000 gal. injection. well sanding up after last
drop. Flowed & snubbed load off to tanks at rate of 13-15 barrels
per hour after all load oil recovered; took 24 hr. potential build-
up followed 327 ft. interval as at 34.4 ft. van lane wells.

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 dyanamited, 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

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
225 6418814 ed 5280	5210 8847 5374	96 74	Recorded 55', top 12' sand w/shale streaks, 5237-50 shale
			I. Littered cliffs 1445
			I. Reseverde 2317
			I. Point Lookout 3934
			I. Encos 4190
			I. Gilling 5045
			O. Gilling 5315