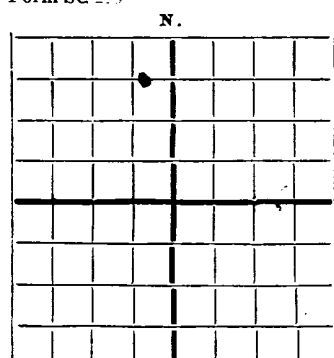




NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Fred Brainerd et al Address Artesia N.M.
 Send correspondence to Fred Brainerd Address Artesia N.M.
Pecos Valley Gas Co. Well No. 1 in NMW of Sec. 2, T. 17, R. 28, N. M. P. M., Wilcoat Oil Field Eddy County.
 If State land the oil and gas lease is No. 8-2178 Assignment No. _____
 If patented land the owner is _____, Address _____
 The lessee is Pecos Valley Gas Co. Address Artesia N.M.
 If not state or patented land, give status _____
 Drilling commenced Feb. 25 1935. Drilling was completed May 28 1935 19____
 Name of drilling contractor _____, Address _____
 Elevation above sea level at top 3611 feet.
 The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 1540 (gas) to 1547 No. 4, from _____ to _____
 No. 2, from 1553 to 1557 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 205 to 210 No. 3, from _____ to _____
 No. 2, from 1320 to 1335 No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/2</u>	<u>20</u>	<u>16</u>	<u>?</u>	<u>34 ft</u>	<u>collar</u>				
<u>8</u>	<u>30</u>	<u>8</u>	<u>?</u>	<u>529</u>	<u>shoe</u>				
<u>6 5/8</u>	<u>20</u>	<u>8</u>	<u>?</u>	<u>1357</u>	<u>suspended with clamp and disk packer</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>8 in</u>	<u>329</u>			<u>12 or 14</u>	<u>6 yards</u>
				<u>lb. per gal.</u>	
<u>6 5/8</u>	<u>1357</u>			<u>" "</u>	<u>" "</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
		<u>none</u>				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from 0 feet to 2172 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing shut in, 19____.
 The production of the first 24 hours was no oil barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be _____
 If gas well, cu. ft. per 24 hours 000 000 Gallons gasoline per 1,000 cu. ft. of gas dry
 Rock pressure, lbs. per sq. in. 338

EMPLOYES

Keith Miller, Driller Shorty Lindsey, Driller
Leon Chambers, Driller Gen. Harrison, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn before me this 19 Name Fred G. G.
 day of June, 1935 Position Notary Public
 Representing _____ Company or Operator.
 My commission expires 9-13-35

FORMATION RECORD

[illegible]

Log of Brainard and others
Pecos Valley Gas Co State No. 1

Elev. 3611
Commenced 2-25-35
Completed 5-26-35

600 ft. S. of N. line
1720 " W of E. line
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-17-28

Casing record
34 ft. 12 $\frac{1}{2}$ " casing
529 $\frac{1}{2}$ ft. 8 " "
1357 $\frac{1}{2}$ " 6-5/8 "
Disk wall packer set at 1357 $\frac{1}{2}$ ft..

0-	50	red sand and gravel	
50	60	gyp	
60	100	red beds and blue clay	
100	140	gyp shale and anhy	
140	160	conglomerate	
160	180	mica and red sand	
180	205	gyp and shale	
205	210	red sand	salt water at 200
210	246	anhydrite	
246	253	salt	
253	280	gyp and red rock	
280	308	salt	
308	340	anhy	
340	368	salt	
368	372	anhy	
372	385	salt	
385	430	anhy and blue shale	
430	440	red beds	
440	455	anhy	
455	460	salt	
460	469	anhy	
469	472	salt	
472	516	anhy	
516	519	red rock	
519	522	anhy	
522	525	salt	
525	550	anhy and blue shale	
550	560	brown shale	
560	569	gray lime sand	
569	625	red sandy shale	
625	630	salt	
630	643	red sandy shale	
643	652	anhy	
652	655	brown shale and red beds	
655	670	red sand	
670	706	anhy	
706	712	red beds	
712	775	anhy	
775	780	red bed	
780	847	anhy	
SLM 847 equals 844 $\frac{1}{2}$			
844 $\frac{1}{2}$	895	anhy	
895	898	salt	
898	928	anhy	

Brainard el continued
Pecos Valley Gas Co State No. 1

928	930	salt
930	1007	anhy
1007	1017	white lime
1017	1054	anhy
1054	1061	hard brown lime
1061	1066	anhy
1066	1068	salt
1068	1100	anhy
1100	1105	lime very hard
1105	1125	red sand and shale
1125	1130	anhy
1130	1135	salt
1135	1148	anhy
1148	1152	sandy red shale
1152	1156	salt
1156	1174	anhy
1174	1177	salt
1177	1180	anhy
1180	1184	salt
1184	1195	brown lime
1195	1197	salt
1197	1212	anhy
1212	1214	salt
1214	1250	anhy with salt
1250	1255	white and brown lime
1255	1259	hard gray lime
1259	1262	red sand shale and lime
1262	1265	salt and red sand
1265	1268	salt and blue shale
1268	1301	anhy
1301	1316	blue and red shale
1316	1335	RKB SAND
1335	1368	anhy and lime
1368	1380	anhy
1380	1391 $\frac{1}{2}$	sandy lime
SLM 1391 $\frac{1}{2}$ equals 1388		
1388	1393	red and blue shale
1393	1408	anhy
1408	1415	sandy lime
1415	1425	anhy
1425	1430	sandy lime
1430	1450	gray lime
1450	1460	salt
1460	1500	gray and brown sandy lime
1500	1540	anhy
1540	1547	white sand GAS
1547	1553	gray lime
1553	1557	white sand more gas
1557	1559	gray sand
1559	1562	broken sand
1562	1565	sand blue shale
1565	1570	sand anhy
1570	1603	sand alternating with anhy
1603	1606	coarse sand
1606	1621	gray sand anhy

Brainard et al continued
Pecos Valley Gas Co. State No. 1

1621	1650	sandy anhy and lime
1650	1653	gray sand lime
1653	1656	white lime
1656	1660	brown lime
1660	1699	anhy
1699	1702	brown sand
1702	1770	anhy and red shale
1770	1785	broken lime
1785	1812	lime
1816	1833	btown sandy lime
1833	1840	anhy anhy red shale
1840	1850	anhy white lime
1850	1853	GRAY LIME
1856	1895	lime gray and brown
1895	1898	sandy lime
1898	1904	sand and lime
1904	1908	hard sand
1908	1930	hard gray lime
1930	1941	gray sandy lime
1941	1947	gray sand
1947	1963	sand and lime
1963	1988	red sand
1988	1994	broken sand and shale
1994	2001	gray sand
2001	2010	white and gray sand
2010	2014	gray lime and white sand
2014	2019	sand and red shale
2019	2026	gray sandy lime
2026	2035	brown lime
2035	2042	brown sandy lime
2042	2049	gray sand sharp and hard
2049	2055	gray lime
2055	2070	red and brown sand
2070	2073	gray lime
2073	2077	gray sand
2077	2084	red sandy shale
2084	2087	gray sand
2087	2133	white lime
2133	2149	gray lime
2149	2151	brown sandy lime
2151	2160	brownish sandy lime
2160	2163	gray lime
2163	2165	gray sandy lime
2165	2172	brown sandy lime

Total de th 2172