

RODGER MOON, ABSTRACTER

ROOM 506 CITIZENS NAT'L BANK BLDG.

EMPORIA, KANSAS

January 3, 1927

Cosden Oil & Gas Company,
Land & Title Department
Tulsa, Oklahoma.

Gentlemen:

I am enclosing you herewith log of the well recently completed on the Welch land in the Southeast corner of the SW $\frac{1}{4}$ Sec 19-20S-13E Lyon County, Kansas. Your company holding a leasehold interest in the N.1/2 of N.1/2 Sec 20-20-13.

Very truly yours,

G H Goecke

G. W. GASCHER Well No 1

Welch Farm, Southeast corner of Southwest quarter Sec 19 Twp 20 Range 13,

Lyon County, Kansas

Drilled by Advance Drilling Company, Coffeyville, Kansas.

Spudded October 15, 1926

Finished January 2nd, 1927

FORMATION	FROM	TO	THICKNESS	CASING RECORD
soil	0	15	15	460 feet 12½ in
Slate	15	18	3	883 " 10 in
Lime	18	21	3	1428 " 8½ in
Slate	21	103	82	1832 " 5-3/16 in
Lime	103	120	17	
Slate dark	120	180	60	
White Lime	180	185	5	
Black Shale	185	190	5	
Lime	190	215	25	
Dark Slate	215	280	65	
Lime	280	290	10	
Black Slate	290	300	10	
Lime	300	305	5	
Black Slate	305	335	30	
Shale	335	400	65	
Sand, Water	400	460	60	hole full of water
Lime	460	480	20	
Blue Mud	480	495	15	
Lime	495	565	70	
Slate	565	747	182	
Sand	747	756	9	
White Shale	756	780	24	
Sand	780	840	60	hole full of water
Lime	840	875	35	
Black shale	875	885	10	
Lime	885	900	15	
Black Shale	900	905	5	
Lime	905	995	90	
Black Shale	995	1000	5	
Lime	1000	1112	112	
Light shale	1112	1122	10	
Dark Shale	1122	1155	33	Hole full of water
Osgoego Lime	1155	1190	35	
Black slate	1190	1195	5	
Lime	1195	1215	20	
Black shale	1215	1220	5	
Lime	1220	1240	20	
Black shale	1240	1255	15	
Lime	1255	1300	45	
Black Shale	1300	1330	30	
White Shale	1330	1445	115	
Lime	1445	1465	20	
White slate	1465	1495	30	
Hard Lime	1495	1500	5	
Slate	1500	1555	55	
Dark shale	1555	1565	10	
Water sand	1565	1605	40	
Lime	1605	1655	50	hole full of water
Light shale	1655	1740	85	
Dark shale	1740	1810	70	reduced hole at 1773
Sand, Bartlesville	1810	1825	15	hole full of water.
Black Shale	1825	1832	7	
Black slate	1832	1842	10	
White slate	1842	1873	31	
Black shale	1873	1883	10	Top of Mississippi lime
Black lime	1883	1900	17	
Black shale	1900	1902	2	hole full of water.

State of Kansas, County of Lyon, ss

C. M. Campbell of Advance Drilling Company, Contractor who drilled the Welch Well No 1 on the SW¼ of Sec 9 township 20 Range 13, in Lyon County, Kansas do upon oath state that the foregoing is a true and correct log of said well.

C M Campbell

Subscribed and sworn to before me this 2nd day of January, 1927

Rodger Moon
Notary Public.

Term expires

Feb 17-1928

Hartford Kans
Dec 16-26

Gasden Co

Dear Sirs

Test in 19-20-13 shut down at 1400
as too cold for top of ground water line.

32 has finished reworking duffed casing and is also
shut down at 700 ft. 16-21-13 is drilling at about 1800 ft

Yours very truly
G W Gasche

Hartford Kans
Dec 1-26

Bardeen Co

Hearst

Test in 19-20-13 is running
10 inch casing at 883. 32 is drilling at 540
and one in 16-21-13 drilling at about 450.

Yours truly
G. W. Lasche