

Subscribed and sworn to before me this_

., 19.44.

day of September

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe. New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE, FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

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FORMATION RECORD

FROM	то	THICKNESS IN FEET	FOR MATION
0	74	74	Sand & shells
74	130	56	Water Sand
130	225	95	Sand & shells
225	468	245	Redbed
468	751	888	Redbed & shells
751	1250	479	Redbed
1250	1660	450	Redbed, shale, shells
1660	1700	40	Redrock
	1740	40	Redbed & shale
1700		20	Sand & Fedrock
1740	1760	86	Sand & shells
1760	1846	18	Redbed
1846	1858	22	Sand
1858	1880	80	Redbed
1880	1960	70	Radrock & redbed
1960	2030		Anhydrite - Top anhydrite 2050 - Sample s
8030	2045	15	SLH Correction - Set 8-5/8" casing @
2045	2048	3	2048 W/ 500 sacks dement.
2048	2170	122	Anhydri te
2170	2299	189	Selt & anhydrite2899
2299	2580	251	Salt & anhydrite
2550	2775	225	Salt, andhydrite, shells
	2790	15	Anhydrite - Top Cowden Anhydrite 2775
2775	2915	125	Anhydrite & mix salt
2790	3000	85	Anhydrite - Base Salt 2915' - Drlg. Time.
2915		60	Anhydrite & potesh
3000	2060	15	Sand - Top Yates Sand 5060 - Samples
5060	3075	195	Anhydrite
3075	5270	89	Lime - Top Brown Lime 5270 Samples
3270	2899	1	Lime
5299	5500		Lime, anhydrite & potash
3500	3475	175	Anhydrite & Lime
5475	3685	210	Lime
3685	5844	159	
3844	4000	156	Lime & anhydrite Lime, anhydrite & send - 5"OD Liner
4000	4130	150	set 3844 to 4130 w/ perf. set 3965 to 4108'.
4130	4800	70	Lime and anhydrite
4200	4400	800	Lime & anhydrite
4400	4550	150	Line
4550	4610	Lime & s	mhydrite - Set 52" OD casing @ 4610 with
4004	2020		500 sacks cement.
4610	4660	50	Lime
4660	4665	5	Lime - Top San Andres 4660.
4665	4685	20	Lime - Top pay 4685'.
4685	4978	295	Lime
	978 70		

Drilled to TD 49781 on July 24, 1944. Ran 2" tubing to 4975' w/ perf. set 4941-4944. Swabbed total 155 bbls. and swabbed well dry w/ gas breaking around, failed to kick off, due to small amount of gas, estimated 35,000 ou ft. Shut in 15 hrs. then swabbed total 25 bbls. pipe line cil and gas broke around. Then breated w/ 2000 Gal, acid. Maximum TP 750% which broke to 500%. CP 1250% thru test. Swabbed into pits to clear up acid water. Then in 12 hour test swabbed 60 Bbls or at rate & Bbls per hour. Gas still week. Pulled tubing and revan to 4841 w/ flow packer set 4854 . Ran above 4841 W/ 4000 Gallons Acid. Treatment as follows: Well was loaded with oil and acid pumped down easing instead of tubing. First 10 to 18 bbls. acid went easily into formation until oil pumped thru tubing to below 4841 to control distribution of seid. By pumping oil thru tubing and maintaining oil level below point picked by electric pilot it was determined just where balance of -ecid went during treatment. Maximum ressure on tubing (oil) \$450# and minimus 1800#. Maximum pressure on easing (seid) 2180# and minimum 1680#. Steps taken during t is 4000 gallon treatment indicates and substantiates previous contention that lower colitic pay section was taking all soid of first treatment rendered thru tubing in usual manner, instead of oming peck up hole to upper pay shows. In addition to lower formation taking 10 to 15 bbls. of acid, it also took 100 bbls of oil to maintain seal and pressure sufficient to render seld treatment to upper pay. After treatment swabbed and flowed by heads into pits to clear up, then shut in to pressure up. Ran swab once - 8 bbls Well kicked off flowed 3g bbls and died. Ran swab case recovered 8 bbls. Well kicked off and in next 84 hours flowed 82 bbls thru various choke openings with flowing tubing pressures 50# to 45#. Well apparently weak on gas but believe when well has pressured up from prolonged swebbing it should flow around 100 BPD and have sufficient gas for proper flowing. Placed on shhedule August 1, 194 . top allowable 46 BPD.