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G. M. CONE FEDERAL WELL NO. 1

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Spudded 17 1/2" hole 5:00 a.m. September 8, 1961. Ran 454' of 13 3/8" O.D. casing and cemented at 472' with 400 sx. 4% Gel. Incor. and 200 sx regular, cement circulated. Plug at 472'. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 7:30 p.m. September 10, 1961.

Ran 2870' of 9 5/8" O.D. casing and cemented at 2888' with 800 sx Incor. and 200 sx regular. Plug at 2848'. Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested O.K. Job complete 5:30 p.m. September 17, 1961.

- DST No. 1, 8618' to 8662', tool open one (1) hr. with weak blo for 4 minutes and died. Recovered 170' SGCDM. 30-MISIP-200, 30-MFSIP-125, IFP-700, FFP-70, HI & H0-4170. Job complete 11:00 a.m. October 18, 1961.
- DST No. 2, 10,920' to 10,964', tool open one (1) hr. with no blow. Recovered 30'DM. No show. 30-MI & FSIP-31, I & FFP-31, HI & HO-5285. Job complete 11:30 a.m. November 10, 1961.
- DST No. 3, 10,955' to 10,998', tool open two (2) hrs with weak blo continuing thru out test. No oil or gas to surface. Recovered 1170' salty sulphur wtr, and 60' WCDM. 40-MISIP-4425, 30-MFSIP-4010, IFP-70, FFP-655, HI & H0-5400. Job complete 1:00 p.m. November 12, 1961.
- DST No. 4, 11,430' to 11,649', tool open two (2) hrs, recovered 1000' WB, 8789' salty sulphur water, 30-MISIP-4600, IFP-2890, FFP-4650, 30-MFSIP-4650, HI-5580, H0-5470. Job complete 7:30 a.m. November 18, 1961.
- DST No. 5, 11,760' to 11,825', tool open one (1) hr., no blow, recovered 1700' WB and 5' DM, 30-MI & FSIP-40, I & FFP-40, HI & H0-5764. Job complete 2:30 p.m. November 22, 1961.
- .DST No. 6, 11,824' to 11,920', tool open 1 1/2 hrs with weak blo thru out test. Recovered 1920' SGCWB with trace oil and 100' salty wtr, 370' SGCDM. 30-MISIP-4902, 30-MFSIP-4823, IFP-1048, FFP-1123, HI-5861, HO-5840. Job complete 2:30 p.m. November 24, 1961.
- DST No. 7, 11,900' to 11,967', tool open 2 1/2 hrs with weak blo thru out test. Recovered 2000' GCWB, 200' DM & 50' SW. 30-MI & FSIP-4800, IFP-880, FFP-1130, HI-5890, HO-5870. Job complete 12:00 p.m. November 26, 1961.
- DST No. 8, 11,990' to 12,166', tool open 30 minutes, no blow. Recovered 2200' WB, 120' DM, no show. 30-MISIP-4070', I & FFP-880, 30-MFSIP-4040, HI & H0-5935. Job complete 4:30 p.m. November 30, 1961.
- Wireline Test No. 1, 8,533', recovered 1.55 cu ft gas, NS wtr, 2500 cc mud. Permability 0.1 to 1 milidarcys. 6% poro. 30-MI & FSIP-3460, H0-4370. Job complete 9:00 a.m. December 4, 1961.
- Wireline Test No. 2, 8,507', recovered 1.85 cu ft gas, 25 cc formation water, 30-MISIP-2650, 30-MFSIP-50, HO-4400. Job complete 5:30 p.m. December 4, 1961.
- Wireline Test No. 3, 8,482', tool open one (1) hr, recovered 1.32 cu ft gas, 2.5% wtr, 100 cc DM with trace oil. 30-MISIP-1280, 30-MFSIP-100, H0-4500. Job complete 6:20 p.m. December 6, 1961.

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Verbal permission received to plug and abandon, 4:15 p.m. December 7, 1961.

1.	Spot	30	sx	cement,	11,742'	to	11,842'	
2.				cement,		to	11,035'	
3.	Spot	30	sx	cement,	10,150'	to	10,250'	
4.				cement,	9,639'	to	9,739'	
5.	Spot	60	sx	cement,	8,40 0'	to		
6.	Spot	35	SX	cement,	7,445'	to	7,545'	
7.	Spot	35	sx	cement,	6, 105'	to	6,205'	
8.	Spot	35	SX	cement,	3,995'	to	4,0951	1
9.	Spot	35	sx	cement,	2,838'	to	2,938	

9. Spot 35 sx cement, 2,030 to 2,930 to

Clean location for inspection as per USGS regulations. Plug and abandon complete 10:30 a.m. December 8, 1961.

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