



December 11, 1969

*Howell No. 1
well file*

K-20-30N-8W



New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Attention: Mr. Emory Arnold

Dear Mr. Arnold:

I am enclosing a schematic diagram and also a cronological history of the Howell No. 1 located in Unit K, Section 20 T-30-N R-8-W. I thought these items may be helpful in combating the problem of braden head flows and gas seepage in the San Juan River area. The cronological history as you will notice includes details of the cementing job performed on the 4-1/2" casing that was run in 1967.

I will also attach a cronological history and a schematic diagram on the work performed on the Linda Nye No. 1 in November of 1969.

I believe both of these wells have been repaired in a conscientious manner and will not contribute to the before mentioned problems of the area.

Yours very truly,

TENNECO OIL COMPANY

J. C. Simmons
J. C. Simmons
Production Engineer

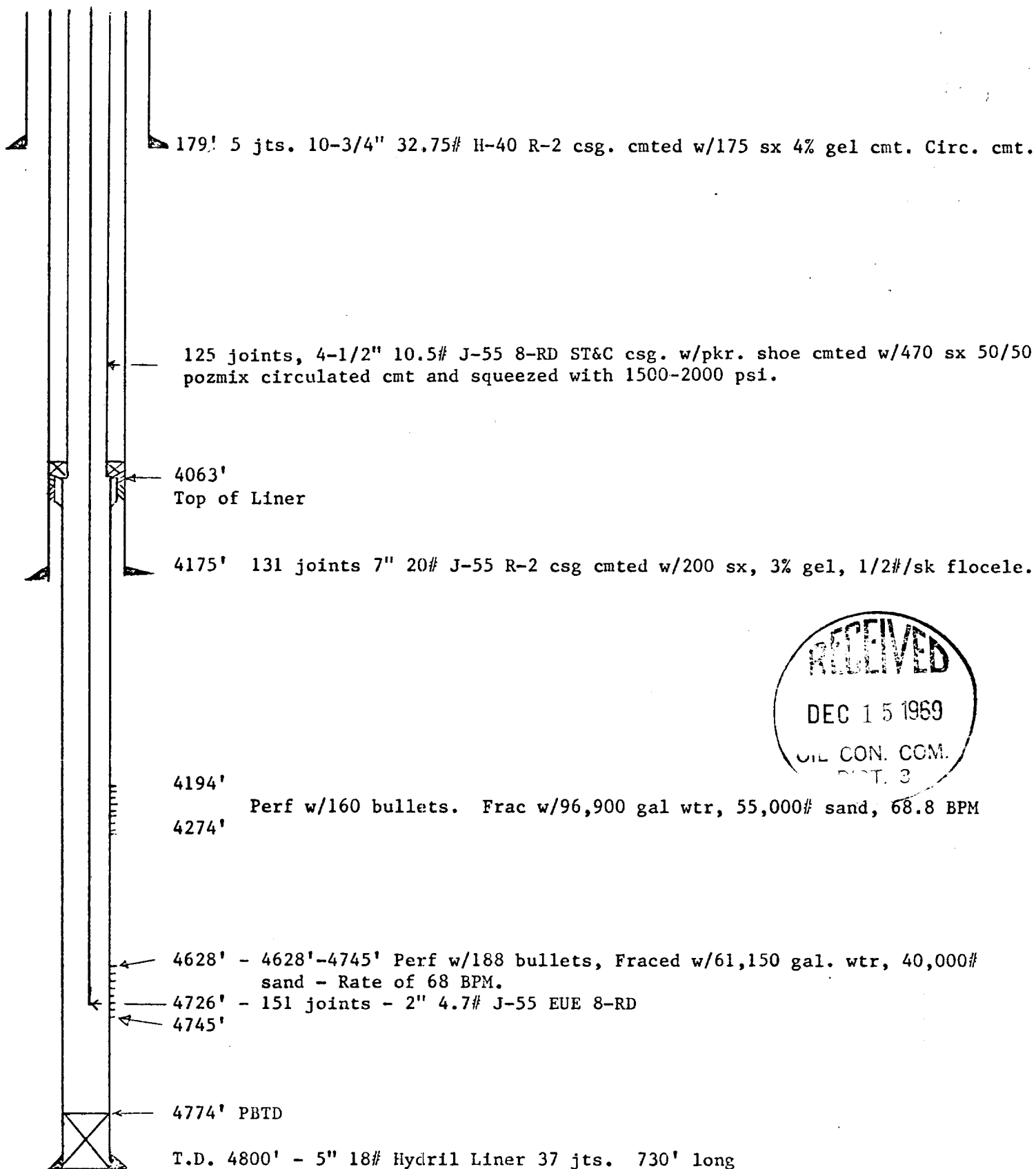
JCS:ljg

Enclosures

NOVEMBER - 1969

HOWELL NO. 1

LOCATION: UNIT K SECTION 20 T-30-N R-8-W BLANCO MESA VERDE
ELEVATION - 5757'



TENNECO OIL COMPANY

Printed in USA

☐ DEV. DRLG. ☐ P & A
☐ WC DRLG. ☐ CONST.
☐ RECOMPLETION ☐

DRILLING RECORD

AFE NO. _____

 FIELD Blanco Mesa Verde LEASE Howell WELL NO. 1

DATE	DEPTH	CHRONOLOGICAL HISTORY	DETAIL OF OPERATION
7-19-55		Potential tested 168 hours. CP = 1000 psi. TP = 1000 psi. Flow test 4587 MCF/D.	
5-18-57		Cleaned out to T.D. - 4800'	
5-19-57		Ran 5" 18# hydril liner 4063-4800'. Circulated cmt around liner.	
5-23-57		Perforated 4745 - 4628' with 188 bullets. Fraced with 61,150 gallons wtr and 40,000# sand. Pressures 1250-850 psi. Initial rate 68 BPM	
		Set bridge plug 4300'. Perforated 4274' - 4194' with 160 bullets.	
		Fraced with 96,900 gallons wtr and 55,000# sand. Pressures 862-775 psi. Initial rate 68.8 BPM.	
5-24-57		Mesa Verde potential test 6540 MCF/D.	
5-25-69		Landed 2" tubing at 4730'.	
4-10-61		Pumped 75 bbls 9.5#/gal. 36 vis mud into braden head. Shut in pressure on braden head. Decreased from 176 psi to 121 psi. Two day shut in pressure 151 psi. Job unseccessful in killing braden head flow.	
2-27-67		N.M.O.C.C. directed repair of braden head flow.	
3-21-67		Ran temperature survey which indicated wtr flow at 750'. Casing inspection log indicated severe corrosion from 425' to 1890' with holes indicated at: 549', 553', 576', 591', 712', 743, 777, 781, 833 851, 893, 904, 935, 943, 985, 1134, 1143, 1322, 1455, 1851, 2741, 3211'.	
3-22-67		Ran 125 joints of 4-1/2" 10.5# J-55 ST&C R-2 to 4063' with Burns bottom hole pkr with lead seal. Cmted 4-1/2" csg with 470 sx 50/50 pozmix with 2% CaCl2, 6% gel. Circulated cmt at annulus, closed annulus, squeezed into 10-3/4" x 7" annulus with 1500-2000 psi	
		a	& small Amount gas. Cleaned out

AFE NO. _____

WELL NO. 1

[illegible]