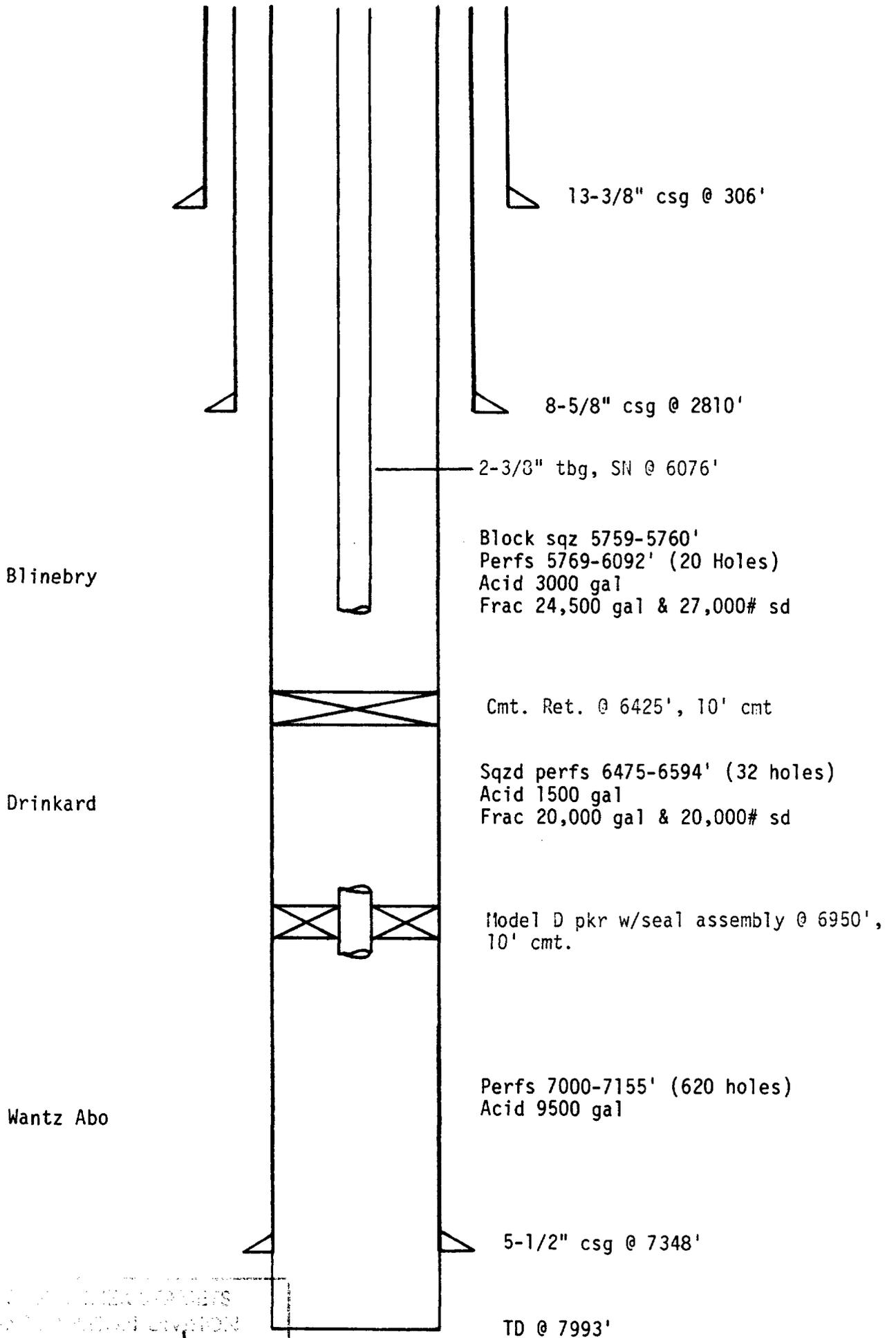


Diagrammatic Sketch

Roy Barton Well No. 3
 1980' FNL & 660' FEL
 Section 23, T-21-S, R-37-E
 Lea County, New Mexico

Present

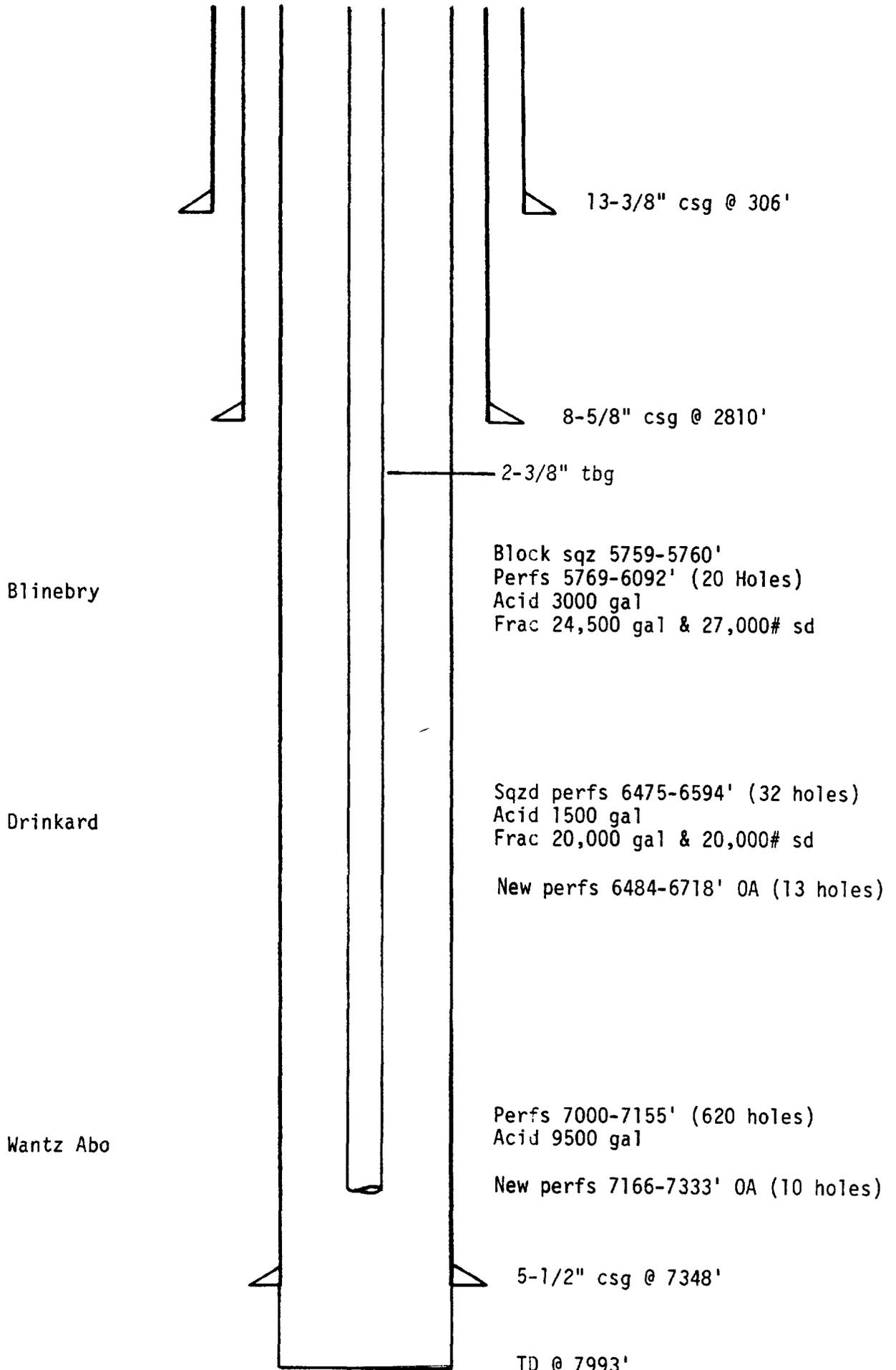


ARCO 8276 LOWDER 8-8-84

Diagrammatic Sketch

Roy Barton Well No. 3
1980' FNL & 660' FEL
Section 23, T-21-S, R-37-E
Lea County, New Mexico

Proposed



Depth	Conditions		Lease & well number			Date					
	Present	Proposed	Roy Barton #3								
			Field	Blinebry/Drinkard/Wantz Abo		County	Lea		State	New Mexico	
			Proposed operation:								
			Datum			Casing and Liner Detail					
			(GL)	ORMIX	ORX	Size	Weight	BTM	TOP	Cement	TOC
			Elev.	3404'		13-3/8	36#	306'	Surf	350 sx	Surf
			TD	7993'		8-5/8	24,36#	2810'	Surf	1200 sx	450'
			PBTD	6410'		5-1/2	15.5#	7348'	Surf	500 sx	4080'
			Year Drd.	1953							
			Background and proposed procedure (use additional sheets if needed)								
			HISTORY:								
			3-1-53 Completed as Wantz-Abo producer. Perforated 7000-7155' w/620 holes (4 JSPF). Flowed 24 B0 in first 24 hrs. Acdzd w/2000 gal 15% Special Low Tension Acid. MXP 2950#, MNP 2700#, AIR 2 BPM. Flowed on potential test 156 B0 in 23 hrs. GOR 1379.								
			3-18-53 Production dropped to 50 BOPD. Acdzd Wantz-Abo perms 7000-7155' w/5000 gal 15% Low Tension Acid. MXP 3200#, MNP 2400#. Flowed on potential test 366 B0 in 24 hrs. GOR 1650 (3-19-53).								
			8-17-63 Dually completed in Drinkard. Perforated Drinkard 6475-77', 6488-92, 6495-97, 6543-45, 6557-59, 6578-80, 6592-94 w/32 1/2" holes. Mud acid washed w/500 gals. MXP 2700#, MNP 2500#, AIR 2 BPM. Swbd 34 BNO, 34 BLW in 12 hrs.								
			8-24-63 SOF Drinkard perms 6475-6594' w/20,000 gals refined oil, 20,000# sand, & 1000 gals acid. MXP 5750#, MNP 4400#, AIR 12.5 BPM. Flowed on potential test 134 BNO in 12 hrs. (Calc. 24 hr. potential test of 268 bbls) GOR 1770.								
			1-7-64 Test for communication between Wantz-Abo and Drinkard zones. Channel definitely established by perforating between perms and pump test.								
				Proposed by	Prepared by	Engineering	Production	Drilling	Operations		
			Initial								
			Date								

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			2-3-64 Squeezed off channel between perfs.																																													
			6-10-64 Wantz-Abo treated w/2500 gals acid.																																													
			1-7-70 TA Wantz-Abo & Drinkard. Recomplete in Blinebry. Spotted 10 sx Class H cmt on top of Model D pkr f/6869-6950'. Set CR @ 6425'. Squeezed Drinkard perfs w/30 sx Class C cmt containing 1/4# per sack walnut hulls. Left 15' cmt on top of CR. New PBD 6410'. Prep to block squeeze Blinebry by perforating 5759-5760 w/4 1/2" JS.																																													
			1-8-70 Block squeezed Blinebry thru perfs 5759-5760' w/125 sx Class C cmt in 2 stages to 5000#. WOC 24 hrs. Drld out & tstd squeeze to 1500#. OK.																																													
			1-12-70 Perforated Blinebry 5769, 5780, 5805, 5809, 5813, 5876, 5883, 5888, 5896, 5900, 5908, 5916, 5928, 5972, 5989, 5994, 6000, 6070, 6088, 6092 w/one .42" JS each. Treated same w/1000 gal 15% LSTNE HCl & 27,000, #20/40 sand in 24,500 gal slick oil. Flowed 70 BNO, 19 BW on 1-20-70.																																													
			5-26-82 Performed 2 stage acid job on Blinebry perfs. 1st Stage: 1000 gal acid mixed w/Parasperse. Ran 750# block rock salt. 2nd Stage: 1000 gal acid. Flushed w/2% KCl water. Went on vac.																																													
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