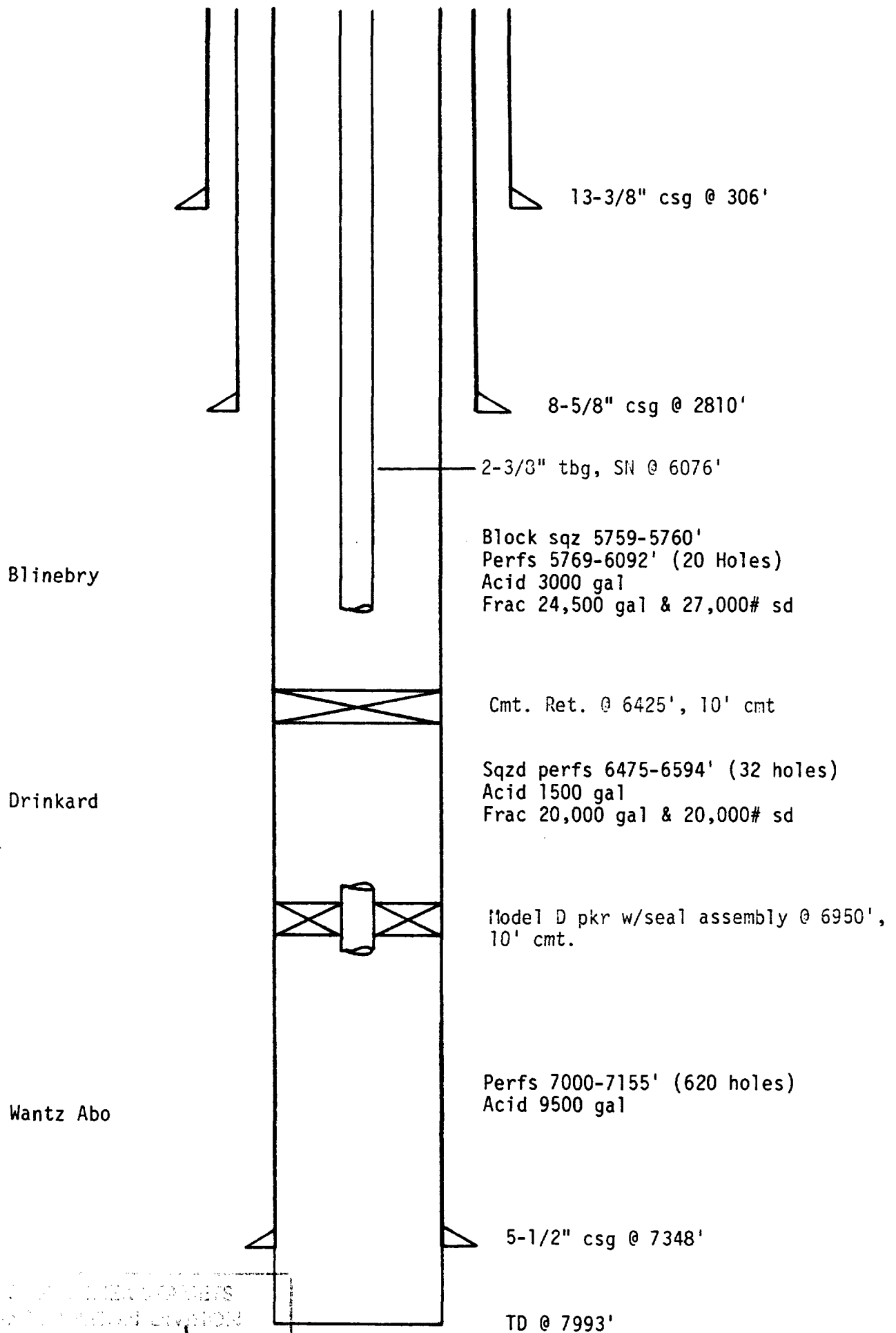


Diagrammatic Sketch

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

Present



BLINEBRY, DRINKARD, WANTZ ABO  
CLAYTON, NEW MEXICO DIVISION

ARCO WELLS NO. 4

WELL NO. 8276

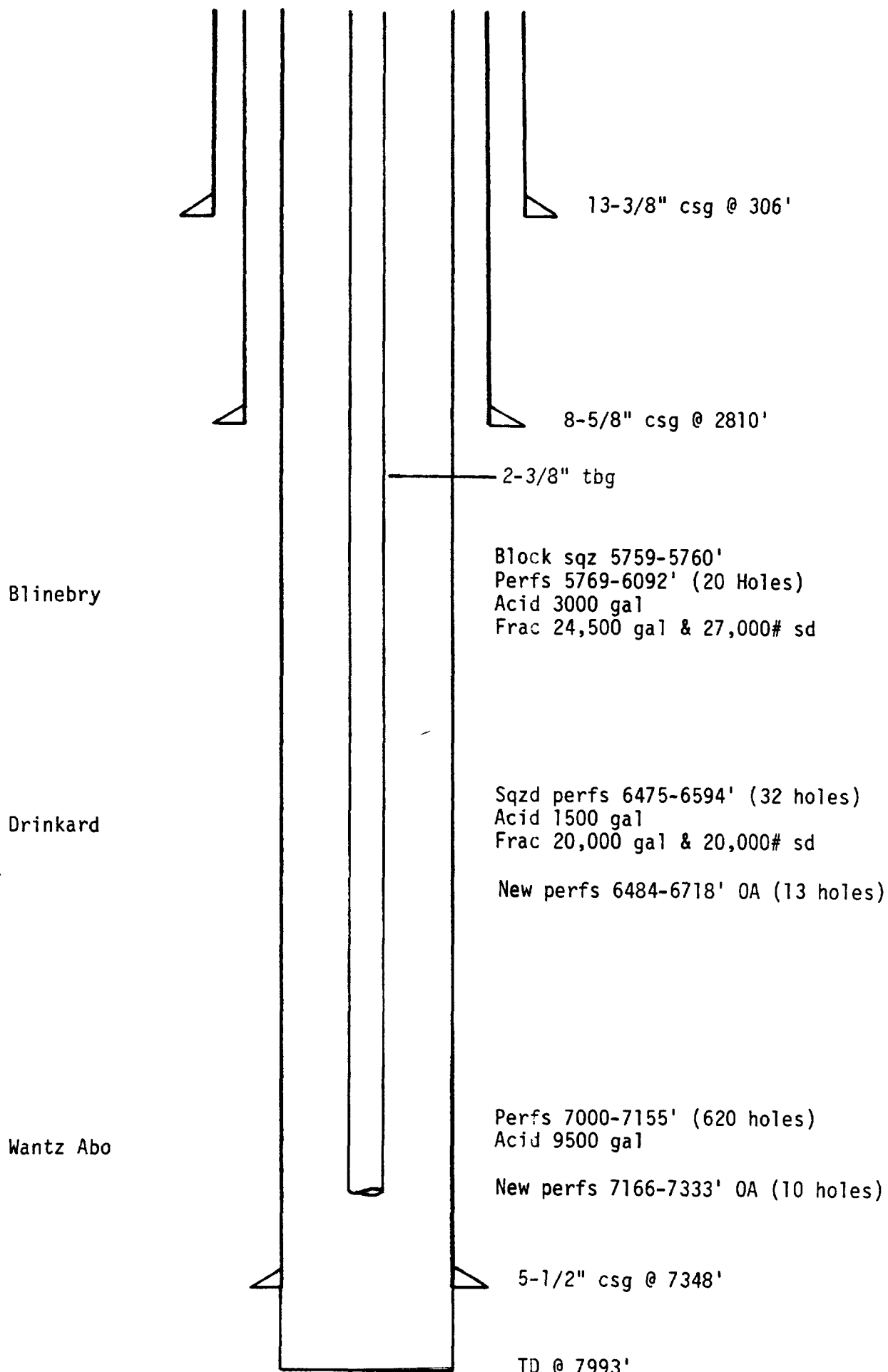
WELL NO. LOWDER

WELL NO. 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			State		
			Blinebry/Drinkard/Wantz Abo			New Mexico		
			County			Lea		
			Proposed operation:					
			Datum		Casing and Liner Detail			
			(GL)	ORMIX	ORMIX	Size	Weight	BTM
								TOP
			Elev.	3404'		13-3/8	36#	306'
								Surf
			TD	7993'		8-5/8	24,36#	2810'
								Surf
			PBTD	6410'		5-1/2	15.5#	7348'
								Surf
			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.					
			Acddz 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. Acddz 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					

Depth	Conditions		Lease & well number			Date		
	Present	Proposed	Roy Barton #3					
			Field			County		
			State					
			Proposed operation:					
			Datum		Casing and Liner Detail			
			(GL)	(CHF)	(KB)	Size	Weight	BTM
								TOP
								Cement
								TOC
			Elev.					
			TD					
			PBTD					
			Year Drld.					
			Background and proposed procedure (use additional sheets if needed)					
			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.					
				Proposed by	Prepared by	Engineering	Production	Drilling
			Initial					
			Date					