

Grizzell #9 (30-025-20562)

AFE: 11-17-0689

Work Objective: Recomplete to Paddock, Squeeze San Andres

HOBBS OCD
APR 24 2017
RECEIVED

Day 1: RU SU. POOH w/pump and rods.

NU BOP. POOH w/tubing. Note scale and paraffin deposits as well as location of deposits on report. Notify Midland engineering of type and amount of scale encountered as soon as tubing is pulled.

Day 2: PU 2-7/8" workstring, bit and scraper. RIH to $\pm 5325'$ and tag for fill. POOH.

RIH w/packer to $\pm 4100'$. Test CIBP @ 5325'.

NOTE: If plug does not test, plug will be topped with 35' of cement (additional to what is currently on the plug) dump bailed via wireline.

Release packer and POOH.

RIH w/CICR on tubing and set @ $\pm 3750'$ or as requested by cementing company. Squeeze San Andres perforations per cementing company. Sting out of retainer and circulate bottoms up. POOH w/tubing.

SI well and WOC over weekend.

Day 3: RIH w/tubing and bit. Test casing. DO cement. Test squeeze via swabbing.

NOTE: If first squeeze is unsuccessful, proceed to the next step. The zone will be tested via swabbing for several days under a packer prior to a second squeeze being performed.

POOH w/tubing.

Day 4: MIRU WL Unit. Perforate as follows w/2 SPF and 180 degree phasing:

Sonic Log 7/10/1963

Paddock

5128' – 5132'

5140' – 5149'

5153' – 5166'

5170' – 5179'

5182' – 5187'

5202' – 5212'

5226' – 5248'

5256' – 5266'

5273' – 5275'

RIH w/RBP and packer. **Set RBP @ $\pm 5290'$ and packer @ $5090'$** . Acidize Paddock w/5000 gals 15% NEFE HCl and rock salt. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures. Release packer. RIH and latch RBP. Release RBP and POOH.

Day 5: Finish POOH w/workstring laying down. Test in hole w/2-7/8" tubing. RIH w/pump and rods. POP.

Apache Corporation

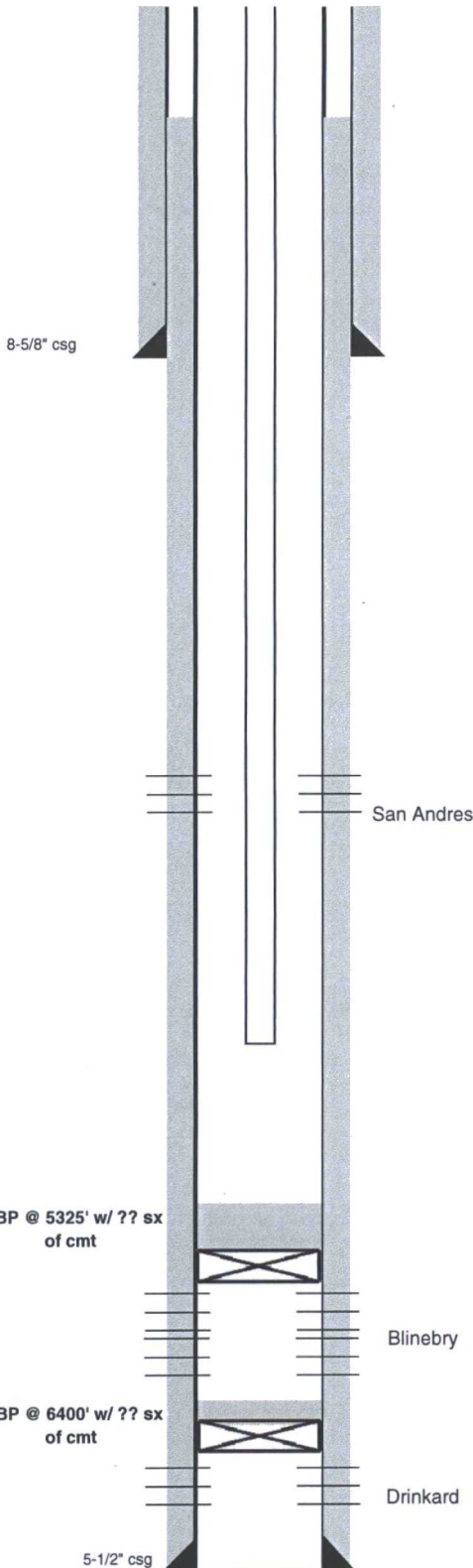
Work Objective _____

CURRENT

Region Office Permian / Midland
District /Field Office NW / Eunice South
AFE Type

Start Date	TBD	End Date	TBD
Lease	Grizzell	KB	GL: 3412'
Well Name	Grizzell	Well No.	#9
Field	Eunice Area	TD @	6573'
County	Lea	PBTD @	
State	New Mexico	ETD @	N/A
AFE #	TBD	API #	30-025-20562
Gross AFE	TBD	Spud Date	6/1/1963
Apache WI	100.000000%	Comp. Date	

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8-5/8"	J-55	24#	275'	250	Circulated to surface
Inter Csg						
Prod Csg	4-1/2"	J-55	11.6#	6573'	800	2330' (CBL)
Casing Liner						



Date	Zone	Actual Perforations	JSPF	Total Perfs
7/1/1963	Drinkard	6459', 62', 67', 70', 73', 76', 77', 79', 81', 85', 87', 90', 91', 6509'	1	
2/1/1982	Blinebry	5428', 32', 34', 36', 39', 49', 53', 72', 75', 78', 80', 83', 88', 91', 94', 97', 99', 5504', 06', 10', 12', 21', 25', 27', 32', 35', 39', 49', 57', 65', 68', 76', 78', 89', 92', 5611', 19', 24', 33', 36', 45', 54', 56', 58', 63', 74', 83', 85', 96', 99', 5701', 11', 13', 17', 33', 40', 46', 49', 51', 57', 59', 63', 66', 73', 84', 88', 5804', 09', 18', 30', 36', 40', 42', 45', 54', 57', 59', 64', 66', 96', 98', 5902', 09', 15', 18', 27', 29', 36', 38', 45', 53'	1	
9/1998	Blinebry	5422' - 36', 5466' - 96', 5534' - 38', 5572' - 80', 5608' - 10', 5650' - 58', 5708' - 12', 5839' - 45', 5863' - 67'	4	320 holes
9/1/2000	San Andres	3800', 06', 19', 21', 42', 43', 52', 55', 61', 78', 85', 93', 3902', 07', 10', 71', 79', 4015', 17', 20', 23', 32', 35', 37', 42', 46', 52', 63', 66'	1	

Date	Zone	Stimulation / Producing Interval	Amount
7/1/1963	Drinkard	Acidize w/3000 gals 15% NEA acid and 22 RCN balls. Frac w/20,000 gals, 1,000# Adomite, and 30,000# 20/40 sand.	
2/1/1982	Blinebry	Acidize Lower Blinebry w/8,000 gals 15% NE acid and 1 RCN ball per 150 gals. Acidize Upper Blinebry w/11,000 gals 15% NE acid, 100# benzoic acid, 200# rock salt, and 1 RCN ball per stage (56-200 gal stages).	
3/1982	Blinebry	Acidize w/7500 gals acid, 500# benzoic acid, and 1200# rock salt.	
9/1998	Blinebry	Frac Blinebry w/1000 gals 10% toluene/15% HCl mix, 3000 gals 15% NEFE w/180 7/8\" balls.	
9/1998	Blinebry	Acidize w/6000 gals 15% BxDx HCl w/7500# rock salt in 5 stages. Frac w/833 bbls Aquamaster 25 w/56,000# 16/30 CR4000 ramping from 2-6 ppg @ 25 BPM amd 3950# average treating pressure.	
9/1/2000	San Andres	Acidize w/4500 gals BxDx HCl in 3 stages w/1050# rock salt. 1st block, 300# increase. 2nd block, 750# increase.	

Jts	Feet	Pulled Description	Tubing	Jts	Feet	Ran Description
			PIN JT			
			PS			
			SN			
			IPC			
			TBG			
			TAC			
			TBG			
			KB	0	0.00	
Jts	Feet	Pulled Description	Rods	Jts	Feet	Ran Description
			Gas Anchor			
			Pump			
			TOOL			
			K-BAR			
			TOOL			
			K-BARS			
			RODS			
			RODS			
			RODS			
			SUBS			
			POLISH			
				0	0.00	
Well History / Failure						

Apache Representative _____

Contract Rig/Number _____

Apache Engineer _____

Jacob Bower _____

Operator _____

Apache Corporation

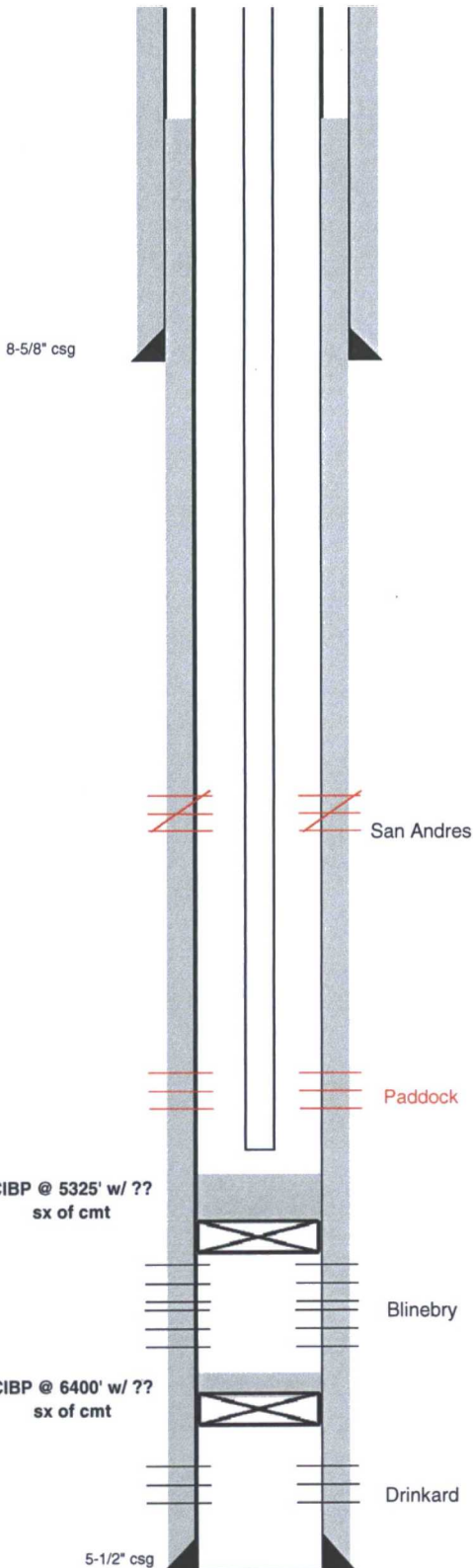
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TBD	Paddock	5128' - 32', 40' - 49', 53' - 66', 70' - 79', 82' - 87', 5202' - 12', 26' - 48', 56' - 66', 73' - 75'	2	

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TBD	Paddock	Acidize w/5000 gals 15% NEFE HCl and ball sealers	

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			PS			
			SN			
			IPC			
			TBG			
			TAC			
			TBG			
			KB			
			GL: 3412'	0	0.00	
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			Pump			
			TOOL			
			K-BAR			
			TOOL			
			K-BARS			
			RODS			
			RODS			
			RODS			
			SUBS			
			POLISH			
				0	0.00	
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