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 300 4850 2000 Pump Plug Ł (3 Stages)

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		RECORD OF SHO			TREATMENT	
SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OU
		Mid Acid	- 500 gal	2-8-49	11750-11785	
<u> </u>		Reg Acid	1500 gal			
		- Mud Acid	750 gal	2-18-19	11740-11840	<u>i</u>
tesults of	shooting or cher	nical treatment	1.owed 355	5 bbls in :	13 hours	
Rotary to Cable too Put to pro	ols were used fr ls were used fr oducing_ Febru action of the first ing Mud %	omfeet omfeet ry 18, hours was 355 water; and	TOOLS U to to PRODUC 19 ba ba	SED feet, and feet, and TION arrels of fluid ent. Gravity,	from from of which98 Be hk_6	sheet and attach here feet tof feet tof _% was oil; 2
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Subscribe	d and sworn to b	efore me this	st	Midlanda	Texas	Peb

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FORMATION RECORD

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FROM	то	THICKNESS IN FMET	FORMATION
0	220	220	Surface sand - Caliche
220	2190	1970	Red Bed - Shells
2190	4115	1925	Anhydrite - Salt - Shells - Gyp
4115	4510	395	Line - Gyp
1510	5596	1086	Line
5596	6158		
6158		562	Lime - Shale
	6410	252	Line
6410	7097	687	Lime - Gyp - Shale
7097	7700	603	Line
7700	7920	220	Line - Shale
7 92 0	8208	388	Lime
820 8	8901	693	Lime - Shale - Gyp
8901	11074	2173	Line
11074	11290	216	Line - Shale
11290	11295	5	Line - Chert
11295	11371	76	Lime
11371	11436	65	
11436	11584		Lime - Chert
11584		148	Line
	11750	166	Lime - Shale
11750	12231	481	Lime - Dolcaite
·	• •	DRILL.	STEN TESTS
1. 8-18-1	8. 10 9930		
			291 Burnet C. John Market L. And and and a Market L. and Market L. C. A.
		Dicker at 8	
. :X		Rec. Sh20'	
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2. 2. 30	No cas. 20 Sunt	Rec. Sh20'	130 Apen 2 hrs. mc. 224' of wrilling made
3/20-1	No cas. 20 Sunt	Rec. 3h20' Neokar av 9 Pielser av 1	139 man ? hrs. the. 224' of crilling made
2. 24.30 3. 10 4. 10	No cas. 20 Sunt	Rec. 3020' Packer at 9 Packer at 10 Packer at 10	130 man 2 hrs. Mar. 221' of crilling made 507 Open one hears has 120' of drilling mid. 504 Open in hears hears in one hour and
3/10/14 4.10/14		Rec. 3h20 Nathar at 9 Pieler et 1 Nacker at 10	and which 130 man ? hrs. Me. 220' of wrilling mad. 130 Open one hear. Me 120' of drilling md. 130 Open a hrs. Blow of art in one hour and drilling md. 2 rd. oil and blittle was.
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3 10-14 4. 10 14 5, 12-12 6, 1-26-1	48 10 10090 48 10 10090 4 10 10767 55 mlnut 48 10 11916 water bl	Rec. 320 Namer at 9 Pielser at 1 Nacker at 1 Backer at 1 Racker at 1 Racker at 1 Racker at 1	alt which 30 man ? hrs. Mc. 224' of crilling mad. 507 Open one herr. Her 128' of drilling mid. 504 Open in her. Blow of all in one hour and drilling mad. 2 grd oil and s bittile was. 501 Open one heur and is minutes. Res. 3000' 50' of drilling mud.
3, 10-1- 4. 10 - 5, 12-3	8 TO 7451	Rec. 3h20 Packer at 2 Packer at 10 Packer at 2 Packer at 13 Packer at 73	130 man ? hrs. Mc. 224' of srilling mai. 130 man ? hrs. Mc. 224' of srilling mai. 130 open one hour. Her 128' of drilling md. 130 open one hour and 10 minutes: Rest. 3000' 130' of drilling mid. 140' of drilling mid.
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3 10-14 4. 10 74 5 12-3 6 1-26-4 1. 8-9-4	8 TD 7451 Recovered 48 TD 9100	Rec. 320' Packer at 29 Packer at 20 Packer at 20 Packer at 21 Packer at 23 Packer at 73 2520' of sal	130 man ? hrs. Mrs. 220' of srilling mad. 130 man ? hrs. Mrs. 220' of drilling mad. 130 Open one hour. Her 120' of drilling mid. 130 open one hour and 10 minutes: Rep. 3000' 130' of drilling mid. 140' of drilling mid.
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$\begin{array}{c} 3 & 10 \\ 4 & 10 \\ 5 & 12 \\ 5 & 12 \\ 5 & 12 \\ 6 & 1 \\ 2 & 9 \\ 1 & 8 \\ 9 \\ 1 & 9 \\ 1 & 9 \\ 1 & 11 \\ 2 & 11 \\ 2 & 12 \\ 4 & 11 \\ 2 & 12 \\ 1 & 12$	10 gas. 10	Rec. 120' Preser at 29 Preser at 19 Preser at 19 Preser at 10 Preser at 10 Preser at 13 Preser at 10 Preser at 10 Preser at 11 2000' water Preser at 11 2000' water Preser at 11 preser at 10 preser at	 a) man ? hrs. Mc. 224' of crilling mai. b) Open one hour. Her 128' of drilling md. c) Open one hour. Blow of air in one hour and drilling md. 2 cf. oil and e bittle was. c) open one hour. Good blow air thro-out test. c) of drilling mud. c) Open one hour. Good blow air thro-out test. c) open 30 Min. Recovered 30' of drilling mud. c) Open 20 min. light blow air for 12 min. blanket and \$70 ' of drilling mud. c) open 30 min. slight blow for 10 min. then irilling mud and 2000' water blanket.
$\begin{array}{c} 3 & 10 \\ 4 & 10 \\ 5 & 12 \\ 5 & 12 \\ 5 & 12 \\ 6 & 1 \\ 2 & 9 \\ 1 & 8 \\ 9 \\ 1 & 9 \\ 1 & 9 \\ 1 & 11 \\ 2 & 11 \\ 2 & 12 \\ 4 & 11 \\ 2 & 12 \\ 1 & 12$	No gas. 10 9447 10 9447 10 9447 10 9447 10 9447 10 10767 57 minut 10 10767 57 minut 10 10767 57 minut 10 10767 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 10700 10 11594 116 TD 11594 116 TD 11711	Rec. 120' Preser at 2 Preser at 10 Preser at 10 Preser at 10 Preser at 10 Preser at 13 Preser at 13 Preser at 10 Preser at 10 Preser at 11 2000' water Preser at 11 Preser at 11 Preser at 11 Preser at 11 Preser at 11 Preser at 11	 a) man ? hrs. Mc. 224' of willing mai. b) open one hour. Her life' of drilling md. c) open one hour. Blow of air in one hour and drilling md. 2 crd oil and a bittle was. c) open one hour. Good blow air thro-out test. c) open one hour. Good blow air thro-out test. c) open one hour. Slight blow of air thru-out drilling mud. c) open 20 min. light blow air for 12 min. b) open 30 min. alight blow for 10 min. then irilling mud and 2000' water blanket.
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$\begin{array}{c} 3 & 10 \\ 4 & 10 \\ 5 & 12 \\ 5 & 12 \\ 6 & 1 \\ 2 & 9 \\ 1 & 8 \\ -9 \\ 1 & 8 \\ -9 \\ -1 \\ 2 & 9 \\ -16 \\ 3 & 10 \\ -22 \\ 4 & 11 \\ -28 \\ -16 \\ 5 & 12 \\ -12 \\ -18 \\ -12 \\ -18 \\ -12 \\ -18 \\ -12 \\ -18 \\ -12 \\ -18 \\ -$	No gas. 10 9447 10 9447 10 10090 11 10767 55 minut 48 10 10 10190 48 10 9 10 8 10 9 11 8 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10 10 11594 11 11800 10 11880 3000' 10 10 11991 died. Rec	Rec. 120' Namer at 20' Packer at 20 Packer at 20 Packer at 20 Packer at 33 Packer at 33 Packer at 33 Packer at 33 Packer at 33 Packer at 30 Packer at 10 overed 60' of Packer at 11 2000' water Packer at 11 overed 120' Packer at 11 0vered 3000' Packer at 11 0296' oil, Packer at 11 0296' oil, Packer at 11 0vered 3000'	 a) apar 2 mrs. Mrc. 221' of willing made. b) Open see here. Mrs. 122' of drilling mid. c) Open see here. Mrs. 122' of drilling mid. c) Open see here. Blow of air in one hour and drilling mid. c) Open one heur and le minutes Hese. 1000' c)' of drilling mid. c) Open one hour. Good blow air thro-out test. c) Open one hour. Good blow air thro-out test. c) open one hour. Slight blow of air thro-out test. c) open 20 min. light blow air for 12 min. c) Open 30 min. slight blow for 10 min. then inilling mud. c) Open 30 min. Good blow of air for 20 min. then inilling mud and 2000' water blanket. c) Open 30 min. Good blow of air for 20 min. then inilling mud and 2000' water blanket. c) Open 2 hrs 15 min. Tool opened with good blow. c) Open 25 min. Steady blow air. Receivered at 2880' heavily oil cut mud.
$\begin{array}{c} 3 & 10 \\ 4 & 10 \\ 5 & 12 \\ 5 & 12 \\ 6 & 1 \\ 2 & 9 \\ 1 & 8 \\ -9 \\ 1 & 8 \\ -9 \\ -1 \\ 2 & 9 \\ -16 \\ 3 & 10 \\ -22 \\ 4 & 11 \\ -28 \\ -16 \\ 5 & 12 \\ -12 \\ -18 \\ -12 \\ -18 \\ -12 \\ -18 \\ -12 \\ -18 \\ -12 \\ -18 \\ -$	No Sasa 10 9447 10 9447 11 10090 11 100767 55 minut 148 11 148 11 148 11 148 11 148 11 148 10 148 10 148 10 10 9100 No shows. 148 10 10 10 10 11 118 11 118 11 118 11 118 11 118 11 11880 3000' wat 10 11991 11991 11 11991 11 11991 11 11991 11 11991 11 11991 11 110 12100	Rec. 120' Rec. 120' Packer at 19 Packer at 10 Packer at 13 Packer at 13 Packer at 13 Packer at 10 Packer at 10 Packer at 10 Packer at 11 2000' water Packer at 11 2000' water Packer at 11 0vered 120' Packer at 11 0vered 3000' Packer at 11 Packer at 11 0vered 3000' Packer at 11 Packer at 11 Packer at 11 0vered 3000' Packer at 11 Packer at 11 P	 a) and here. Not. 221' of willing made. b) Open one here. Not 122' of drilling and. c) Open one here. Blow of all in one hour and drilling and. 2 grd oil and a little case. c) Open one heur and le minutes here. 3000' c) of drilling mud. c) open one hour. Good blow air thro-out test. c) open one hour. Good blow air thro-out test. c) open 30 Min. Recovered 30' of drilling mud. c) open 20 min. light blow of air thro-out test. c) open 30 min. slight blow air for 12 min. c) open 30 min. slight blow for 10 min. then inilling mud and 2000' water blanket. c) open 30 min. Good blow of air for 20 min. then inilling mud and 2000' water blanket. c) open 2 hrs 15 min. Tool opened with good blow. c) open 25 min. steady blow air. Recovered here with good blow.

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