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10/1/67 210' Spud 8:00 PM, 9/30/67. Drill 13 3/4" hole to 210' - ran 6 jts. 9 5/8" 0.D. 32.30, H-40, 8R, ST&C csg. set at 201' RKB, cemented with 140 sx. Class "A" 2% Cacl. P.O.B 6:30 AM, 10/1/67. W.O.C. 210' Attempt to log - hit bridge at 740', went in hole to 800', attempt to run log, hit bridge at 800', went in hole with D.P., ran Welex IES and Density log. Laid down drill pipe. Ran 99 jts., 7" O.D., 20#, J-55, 8R, ST&C, Lone Star csg. T.E. 3212 set at 3200' RKB, cemented with 160 sx. Class "C" 20% Diacel "D" - 12 1/2# Kolite per sx. plus 75 sx. Class "C". P.O.B. 8:00 AM, 10/5/67, float did not hold. 212/67 210' Spud 8:00 PM, 9/30/67. Drill 13 3/4" hole to 210' - ran 6 jts. 9 5/8" 210' Attempt to log - hit bridge at 201' RKB, cemented with 10.C. 210' Star csg. T.E. 320' RKB, cmented with 160 sx. Class "C" 20% Diacel "D" - 12 1/2# RKB. Pipe hit bridge 60' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, lost circulation with gas, pipe stuck, worked casing to 22' off bottom, attempt to break circulation with water, casing plugged. left 1400 psi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 218. I hereby certify that the foregoing is true and correct Original signed by T. A. Dugan TITLE Engineer Coriginal signed by T. A. Dugan TITLE Engineer APPROVED BY	10/1/67 210' Spud 8:00 PM, 9/30/67. Drill 13 3/4" hole to 210' - ran 6 jts. 9 5/8" 0.D. 32.30, H-40, 8R, ST&C csg. set at 201' RKB, cemented with 140 sx. Class "A" 2% Cacl. P.O.B 6:30 AM, 10/1/67. W.O.C. 210' Attempt to log - hit bridge at 740', went in hole to 800', attempt to run log, hit bridge at 800', went in hole with D.P., ran Welex IES and Density log. Laid down drill pipe. Ran 99 jts., 7" O.D., 20#, J-55, 8R, ST&C, Lone Star csg. T.E. 3212 set at 3200' RKB, cemented with 160 sx. Class "C" 20% Diacel "D" - 12 1/2# Kolite per sx. plus 75 sx. Class "C". P.O.B. 8:00 AM, 10/5/67, float did not hold. 212/67 210' Spud 8:00 PM, 9/30/67. Drill 13 3/4" hole to 210' - ran 6 jts. 9 5/8" 210' Attempt to log - hit bridge at 201' RKB, cemented with 160 sx. Class "C" 20% Star csg. T.E. 3212 set at 3200' RKB, cemented with 160 sx. Class "C" 20% Diacel "D" - 12 1/2# KB. Pipe hit bridge 60' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, attempt to break circulation with water, casing plugged. left 1400 psi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 218. I hereby certify that the foregoing is true and correct SIGNED (This space for Federal or State office use) APPROVED BY	17. DESCRIE	BE PROPOSED OR COMPLETED OPP	RATIONS (Clearly state all perti			
run log, hit bridge at 800', went in note with D.F., Tall #55, 8R, ST&C, Lone log. Laid down drill pipe. Ran 99 jts., 7" 0.D., 20#, J-55, 8R, ST&C, Lone Star csg. T.E. 3212 set at 3200' RKB, cemented with 160 sx. Class "C" 20% Diacel "D" - 12 1/2# Kolite per sx. plus 75 sx. Class "C". P.O.B. 8:00 AM, 10/5/67, float did not hold. /12/67 7450' Laid down drill pipe. Ran 230 jts. 4 1/2" 0.D., 22 jts. 11.6#, 208 jts. 10.5# J-55, 8R, ST&C Lone Star csg. T.E. 7444.96 set at 7427' RKB. Pipe hit bridge 60' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, lost circulation with gas, pipe stuck, worked casing to 22' off bottom, attempt to break circulation with water, casing plugged. left 1400 psi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 18. I hereby certify that the foregoing is true and correct Original signed by T. A. Dugan TITLE Engineer Original signed by T. A. Dugan Engineer Original signed by T. A. Dugan Engineer Original signed by T. A. Dugan Engineer DATE 11/24/67	run log, hit bridge at 800', went in note with D.F., Tall Markettin D.F., Tall Laid down drill pipe. Ran 99 jts., 7" 0.D., 20#, J-55, 8R, ST&C, Lone Star csg. T.E. 3212 set at 3200' RKB, cemented with 160 sx. Class "C" 20% Diacel "D" - 12 1/2# Kolite per sx. plus 75 sx. Class "C". P.O.B. 8:00 AM, 10/5/67, float did not hold. /12/67 7450' Laid down drill pipe. Ran 230 jts. 4 1/2" 0.D., 22 jts. 11.6#, 208 jts. 10.5# J-55, 8R, ST&C Lone Star csg. T.E. 7444.96 set at 7427' RKB. Pipe hit bridge 60' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, lost circulation with gas, pipe stuck, worked casing to 22' off bottom, attempt to break circulation with water, casing plugged. left 1400 psi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 18. I hereby certify that the foregoing is true and correct Original signed by T. A. Dugan TITLE Engineer Original signed by T. A. Dugan Engineer	10/1/67	0.D. 32.30, H-4 "A" 2% Cacl. P	0, 8R, ST&C csg. s .0.B 6:30 AM, 10/1	67. W.O.C.	mented with 140 3x.	
10.5# J-55, 8R, ST&C Lone Star csg. T.E. 7444.96 set at 7427' RKB. Pipe hit bridge 60' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, lost circulation with gas, pipe stuck, worked casing to 22' off bottom, attempt to break circulation with water, casing plugged, left 1400 þsi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 18. I hereby certify that the foregoing is true and correct SIGNED Original signed by T. A. Dugan TITLE Engineer (This space for Federal or State office use) APPROVED BY TITLE TITLE	10.5# J-55, 8R, ST&C Lone Star csg. T.E. 7444.96 set at 7427' RKB. Pipe hit bridge 60' off bottom, circulated with gas to 30' off bottom, clean out with gas to 8' off bottom, lost circulation with gas, pipe stuck, worked casing to 22' off bottom, attempt to break circulation with water, casing plugged, left 1400 þsi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 18. I hereby certify that the foregoing is true and correct SIGNED Original signed by T. A. Dugan TITLE Engineer (This space for Federal or State office use) APPROVED BY TITLE TITLE)/5/67	run log, hit br log. Laid down Star csg. T.E. Diacel "D" - 12	idge at 800', went drill pipe. Ran 3212 set at 3200' 1/2# Kolite per s	on note with D.F. 99 jts., 7" O.D., PKR comented with	20#, J-55, 8R, ST&C	, Lone 20%
22' off bottom, attempt to break circulation with water, casing plugged, left 1400 psi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 18. I hereby certify that the foregoing is true and correct SIGNED Original signed by T. A. Dugan TITLE Engineer Original signed by T. A. Dugan TITLE Engineer DATE 11/24/67	22' off bottom, attempt to break circulation with water, casing plugged, left 1400 psi. on csg. one hour. Pressure drop indicated csg. unplugged. Unable to move csg. Cemented with 120 sx. 40% Diacel "D", 12 1/2# gilsonite per sx. plus 100 sx. Class "C", 7 1/2# salt per sx. P.O.B. 8:45 PM, 10/11/67. Unable to move csg. while cementing. 18. I hereby certify that the foregoing is true and correct SIGNED Original signed by T. A. Dugan TITLE Engineer (This space for Federal or State office use)	/12/67	10.5# J-55, 8R bridge 60' off	, ST&C Lone Star cs bottom, circulated	sg. T.E. 7444.96 I with gas to 30'	set at 7427' RKB. F off bottom, clean ou	Pipe hit ut with
Original signed by T. A. Dugan Engineer (This space for Federal or State office use) APPROVED BY TITLE	Original signed by T. A. Dugan Engineer (This space for Federal or State office use) Approved by TITLE TITLE		22' off bottom 1400 þsi. on c to move csg. plus 100 sx. C	, attempt to break sg. one hour. Pres Cemented with 120 s lass "C", 7 1/2# sa	circulation with ssure drop indicat sx. 40% Diacel "D"	water, casing plugge ed csg. unplugged. , 12 1/2# gilsonite	ed. left Unable per sx.
(This space for Federal or State office use) APPROVED BY TITLE	(This space for Federal or State office use) APPROVED BY	18. I hereb	oy certify that the foregoing	Is true and correct	Fnaineer	11/24	- 767
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		(This	space for Federal or State of	ice use)		<u> </u>	2.7
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