1986. RECEIVED STATE CO", GRATION COMMISSION Q CAROLYN SHOEMAKER NOTARY PUBLIC STATE OF KANSAS (NOTARY PUBLIC) AN 5 1987

y Arrot. Exp.

MY COMMISSION EXPIRES

information.

ERVATION DIVISION ** The person who can be reached by phone regarding any questions concerning this

SEC. 32 TWP, 16 RGE. 3

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. FORMATION DESCRIPTION, CONTENTS, ETC. TOP BOTTOM						, in- ries.	SHOW GEOLOGICAL MARKER'S, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.			
	-			ТОР	ВОТТ	OM .	NAME		DEPTI	
X Check if	no Drill	Stem Test	ts Run.	1		Ì	Maquoketa		3370'	(-20
					ŀ		Viola Dol	omite	3424 '	(-20
							Simpson S	and	3507'	(-21
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additiona?	snace is n	eeded use	Page 2.	Side 2						
					RECORD	(New)	Dr (Used)		
Report of all string			production, el		RECORD (or (Used	Тур	e and percer	nt
Report of all string	s set surface,	intermediate, Size casing set (in O.D.)	production, et	c. CASING		nent	Sacks	Тур	edditives	
Report of all string	s set — surface, Size hole drilled 12-1/4" Ran ceme	Size cesing set (m 0.5.) 8-5/8" ant baske	weight lbs/ft. 24# t @ 250.	Setting depth 315' 70 sks	60/40 P	OZ om/1.30	Socks 200 sks sks on t	Тур 2% С	edditives	
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Report of all string Purpose of string	Size hole drilled 12-1/4" Ran ceme Balance Balance squeeze	size cesine set (in 0.0.) 8-5/8" nt baske 100 sks 100 sks 50 sks	t @ 250. 60/40 Qu Quick Se	Setting depth 315' 70 sks ick Set ick Set; t. Dump	60/40 P on botto mixed 7 Chad, 2	OZ Om/1.30 m - ov 5 sks 75 sks	200 sks sks on t er balanc Quick Set Quick Se	2% Gop. ed. w/sattto	Gel, 3%	ulls
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Report of all string Purpose of string urface roduction	Size hole drilled 12-1/4" Ran ceme Balance Balance squeeze 7-7/8" LINER RECORD	size cesing set (in 0.0.) 8-5/8" ent baske 100 sks 100 sks 50 sks 4-1/2" RD	weight lbs/ft. 24# t @ 250. 60/40 Qu 60/40 Qu Quick Se	Setting depth 315' 70 sks ick Set ick Set; t. Dump	60/40 P on botto mixed 7 Chad, 2 60/40 P	0Z om/1.30 m - ov 5 sks 75 sks 0Z	200 sks sks on ter balanc Quick Set Quick Se 180 sks	2% G op. ed. w/sa t to 2% G	Gel, 3% and & h circul	CC ulls
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Report of all string Purpose of string urface roduction tt.	Size hole drilled 12-1/4" Ran ceme Balance Balance squeeze 7-7/8" LINER RECORDING RECORDING RECORDING	size cesing set (in 0.0.) 8-5/8" nt baske 100 sks 100 sks 50 sks 4-1/2" RD Pecker :	t @ 250. 60/40 Qu 60/40 Qu Quick Se 9.5#	Setting depth 7 315' 70 sks ick Set ick Set; t. Dump 3554'	60/40 P on botto mixed 7 Chad, 2 60/40 P	0Z om/1.30 m - ov 5 sks 75 sks 0Z PERFORA	200 sks sks on the balanc Quick Set Quick Se 180 sks	2% G op. ed. w/sa t to 2% G o 3521-	edditives Gel, 3% and & h circul Gel, 10 pth intervet	ulls ate. bbl
2-3/8"	Size hole drilled 12-1/4" Ran ceme Balance Balance squeeze 7-7/8" LINER RECOIL TUBING RECOIL Setting depth	size cesing set (in 0.D.) 8-5/8" Int baske 100 sks 100 sks 50 sks 4-1/2" RD Secks co	weight ibs/ft. 24# t @ 250. 60/40 Qu 60/40 Qu Quick Se 9.5#	Setting depth 315' 70 sks ick Set ick Set; t. Dump 3554' Short 4	Type can 60/40 P on botto n botto mixed 7 Chad, 2 60/40 P	OZ Om/1.30 m - ov 5 sks 75 sks OZ PERFORA	200 sks sks on ter balanc Quick Set Quick Se 180 sks	2% G op. ed. w/sa t to 2% G o 3521-	edditives Gel, 3% and & h circul Gel, 10 pth intervel 13527'5	ulls ate. bbl
Report of all string Purpose of string urface roduction ft. 2-3/8"	Size hole drilled 12-1/4" Ran ceme Balance Balance squeeze 7-7/8" LINER RECOIL Setting depth Amon	size cesing set (in 0.0.) 8-5/8" Int baske 100 sks 100 sks 50 sks 4-1/2" RD Secks of Control of	weight ibs/ft. 24# t @ 250. 60/40 Qu 60/40 Qu Quick Se 9.5#	Setting depth 315' 70 sks ick Set ick Set; t. Dump 3554' Short 4	Type can 60/40 P on botto n botto mixed 7 Chad, 2 60/40 P	OZ Om/1.30 m - ov 5 sks 75 sks OZ PERFORA	200 sks sks on ter balanc Quick Set Quick Se 180 sks	2% G op. ed. w/sa t to 2% G o 3521-	edditives Gel, 3% and & h circul Gel, 10 pth intervel 13527'5	ulls ate. bbl
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Purpose of all string Purpose of string urface roduction tt. 2-3/8" id 0 gal. 7-1/2 opped 32 balac. 724 gal. cli	Size hole drilled 12-1/4" Ran ceme Balance Balance squeeze 7-7/8" LINER RECOIL TUBING RECOIL Setting depth Amon	size cesing set (In 0.D.) 8-5/8" Int baske 100 sks 100 sks 50 sks 4-1/2" RD Secks co	weight ibs/ft. 24# t @ 250. 60/40 Qu 60/40 Qu Quick Se 9.5#	Setting depth 315' 70 sks ick Set ick Set; t. Dump 3554' Short 4 CEMENT SQ	Type can 60/40 P on botto n botto mixed 7 Chad, 2 60/40 P per ft.	OZ Om/1.30 m - ov 5 sks 75 sks OZ PERFORA	200 sks sks on ter balanc Quick Set Quick Se 180 sks ATION RECOR	2% G op. ed. w/sa t to 2% G op. 3521- 3370	edditives Gel, 3% and & h circul Gel, 10 pth intervel 13527'5	CC ulls