## PERMIT #T-78-98

USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

## WATER WELL RECORD KSA 82a-1201-1215

Kansas Department of Health and Environment-Division of Environment (Water well Contractors) Topeka, Kansas 66620

1. toolison of wells.    Meade	CWW Inv. #14628		Todd #1-30				Торе	eka, Kansas 66620	
Discussion of direction for measure town or city: From Jut South 6   1.4 Co-3M* SE 1/4   30   1   338   8   27M   EW	ì <b>l</b> '		Fraction		Section	number	Township number	Range number	
Meedle on Jake rd. go 3m East - 2m South & Civ, Make, sip coder Liberal, Kansas 67901	1. Location of well: Meade	e	1/4 C-SW4 SE	1/4	;	30	T 335 s	R 27W	E/W
4. Locate with "X" in section below:    New   Search maps   Search maps	2. Distance and direction from nearest town or city: From Jct South of 3. Owner of well: Mesa Petroleum								
4. Locate with "X" in section below:    New   Search maps   Search maps	Meade on lake rd. go 3m East - 2m South & R.R. or street: C								
Well depth 1800 ft.  7 Colle tool X Solvey _ Driven _ Dug	West to location. City, state, zip code: L								
7 Cobis toal X totary _ Oriven _ Duay _ Hollow rod _ Head _ Head _ Board _ Reverse totary	!								<u>-18</u>
Hollow rod _ shried _ Bored _ Revense ratery									
8. Use:DomaticPublic supplyX Industry									
Impation									
Lawn   X Cli field water   Other	W COST TO								
Surface   Surf	SW SE SE								
Solution									
Surface   Sandy clay   Sandy	-		<b>X</b> -	* to			RMP PVC X		Bbs./ft.
Surface    Sandy clay	1 Mile — 1 Mile — 1						Dia5 in. to 90 ft. dep	th Wall Thickness: incl	nes or
Sandy clay   2   18   Sawed perf   Type PVC   Din. 5"   Slot/gauze   Length 60!   Set between   90   Fr. and 155   Fr.   Set between   90   Fr. and 155   Fr. and 15	5. Type and color of material				From	То			2
Sandy clay   2   18   Softween   18   40   Softween   19   S								name	
Sandy Clay  Medium to large sand  Sandy clay  40  90  1. Static water level: 90 ft. and 155 ft. ft. ond 1. Static water level: 90 ft. below lond surfaces 90 ft. ond surfaces 1. Static water level: 90 ft. below lond surfaces 90 ft. offer mo. /day/yr. 90 ft. ft. offer hrs. pumping g.p.m. 110  Medium to large sand sandy clay 70-30  Medium to large sand  110  Sandy clay  Medium to large sand  Sandy clay 30-70  135  Sandy clay  Medium to large sand  110  Sandy clay  Medium to large sand  Sandy clay 30-70  135  Sandy clay  Medium to large sand  Sandy clay 30-70  135  Sandy clay  Medium to large sand  Sandy clay 30-70  135  Sandy clay  Sandy clay  Sandy clay  Medium to large sand sandy clay 70-30  Medium to large sand  Sandy clay  Sandy clay  Sandy clay  Medium to large sand sandy clay 70-30  90  110  12. Pumping level below lond surfaces 110  Sandy clay  Sandy clay  Medium to large sand  110  135  Sandy clay  130  Sandy clay  140  13. Weter sample subhitted:  Ft. offer hrs. pumping g.p.m.  Sandy clay  Medium to large sand  140  140  160  160  160  160  160  160	Surface				0	2	Type PVC		
Medium to large sand  18 40  Sandy clay  40 90  1. Static water level:  90 ft. below land surface Date 5-18-78  Medium to large sand & sandy clay 70-30  90 110  12. Pumping level below land surface Date 5-18-78  Medium to large sand  110 135  Gravel & Red sandy clay 30-70  Redbed  110 135  135 140  13. Water sample submitted:  14. Well head completion:  15. Well grouted Yes  With:  16. Nearest source of possible contamination:  17. Pumpi  18. Elevention:  19. Remarks:  19. Remarks:  19. Remarks:  19. Remarks:  19. Remarks:  20. Water well contractor's certification:  118. Builtens name  Model number — HP — Volts  — Jet — Reciprocating  Certification and this report is true to the best of my knowledge and belief.  Cartified with water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Cartified Water way page 5-12  18. Elevention:  19. Remarks:  19. Remarks:  20. Water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Cartified Water Well Serve 118  Builtens name  Box AA, Liberal, KS  18. Eleventon:  20. Water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Cartified Water Well Serve 118  Builtens name  Box AA, Liberal, KS  18. Eleventon:  20. Water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Cartified Water Well Serve 118  Builtens name  Box AA, Liberal, KS  18. Eleventon:  20. Water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Cartified Water Well Serve 118  Singel Water	Sandy clay				2	18	Slot/gauze	_ Length	
Sandy clay  Medium to large sand & sandy clay 70-30  Medium to large sand & sandy clay 70-30  Medium to large sand  Sandy clay 70-30  Medium to large sand  110  135  Medium to large sand  120  Medium to large sand  135  Medium to large sand  140  Medium to large sand  150  Medium to large sand  160  Medium to large sand  160  Medium to large sand  160  Medium to large sand  170  Medium to large sand  180  Medium to larg							ft. c	ind	ft.
Medium to large sand & sandy clay 70-30  Medium to large sand & sandy clay 70-30  Medium to large sand  Ito large sand sandy clay 30-70  Ito set large sand sandy clay 70-80  Ito set large sand sandy clay 30-70  Ito set large sand sand sandy clay 30-70  Ito set large sand sandy clay 40-70  Ito set large sand s	Medium to large sand				18			nge of material 1/8.	-3/16
Medium to large sand & sandy clay 70-30  90 110  12. Pumping level below lond surface:	Sandy clay				40	90			, ,
Medium to large sand  110 135  135 140  Gravel & Red sandy clay 30-70  Redbed  140 160  Redbed  140 160  Redbed  140 160  Redbed  140 160  Redbed  15. Well rounded perion:  Pittes adapter 28 inches above grade  15. Well ground? Yes No Date  15. Well ground? Yes Sunce of posible contomination:  16. Nearest source of posible contomination:  17. Pump:  Well disinfected upon completion? X Yes No  17. Pump:  Submersible Turbine Reciprocating  Centrifugal  Well disinfected upon completion? Intrinsel  Well disinfected upon completion? Yes No  17. Pump:  Submersible Turbine  Reciprocating  Centrifugal  Other  18. Elevation:  19. Remarks:  20. Water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Carlile Water Well Ser. 118  Business name  Address Box AA, Liberal, KS.  Signed Submar & Means pate 5-19-78.						770			-/8
Estimated maximum yield 30g.p.m.  Gravel & Red sandy clay 30-70	Medium to large sand & sandy clay 70-30				90		ft. after	nrs. pumping	g.p.m.
Server   & Red Sandy clay 30-70   135   140   13. Water somple submitted:	Medium to large sand				110	135		30	
Redbed  Redbed  140 160 14. Well head completion: Pitless adapter 28 Inches above grade  15. Well grouted? Yes With: X Near cement Bentonite Concrete Depth: From Off. to 10t.  16. Nearest source of possible contamination: ft. 100 Direction NE Type oilwell Well disinfected upon completion? X Yes No  17. Pump: X Not installed Manufacturer's name Model number HP Volts Length of drop pipe ft. capacity g.p.m. Type: Submersible Turbine Jet Reciprocoting Centrifugal  18. Elevation: 19. Remarks: 20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Carlile Water Well Ser. 118 Business name Address Box AA, Liberal, KS Signed Burner & Mean Page 5-19  78.	Gravel & Red sandy clay 30-70				135	140			
Redbed    Pitless adapter   28   Inches above grade	Redhed				140	160		Date	
15. Well grouted? Yes   With: X Neat coment   Bentonite   Concrete   Depth: From   O ft. to   10t.							14. Well head completion: Pitless adapter	28 Inches above g	rade
With: X Neat cement Bentonite Concrete Depth: From O ft. to 10t. to 10t. to 10t. to	Redbed	017 140	<del>//w</del>		160	180	15. Well grouted? ves		 
16. Nearest source of possible contamination:   ft. 100   Direction   NE   Type oilwell     Well disinfected upon completion?   X   Yes   No							With: X Neat cement	Bentonite Co	oncrete - U
ft. 100 Direction NE Type cilwell Well disinfected upon completion? X Yes No  17. Pump: X Not installed Manufacturer's name Model number HP Volts Length of drop pipe ft. capacity g.p.m. Type: Submersible Turbine Gentrifugal Other  18. Elevation: 19. Remarks:  19. Remarks:  20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Carlile Water Well Ser. 118 Business name Address Box AA, Liberal, KS Signed Laura & Means Date 5-19-78									—   K
17. Pump:   X   Not installed   Manufacturer's name   Model number   HP   Volts   Length of drop pipe   ft. capacity   g.p.m.   Type:   Submersible   Turbine   Reciprocating   Centrifugal   Other							ft. 100 Direction N	Type oil	<del>rell</del>
Manufacturer's name									— <sup>№</sup> lo
Model numberHP			147				'	X Not installed	"   "
Type:  Submersible  Jet  Reciprocating  Centrifugal  19. Remarks:  20. Water well contractor's certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Carlile Water Well Ser. 118  Business name  Address  Box AA, Liberal, KS  Signed  Signed  Signed  Signed  Address  Means Date 5-19-78			,					HP Volts	
Submersible   Turbine   Reciprocating   Other	<u> </u>							ft. capacity	g.p.m.   (§)
(Use a second sheet if needed)  — Jet							• •	Turbine	
18. Elevation:  19. Remarks:  20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Carlile Water Well Ser. 118 Business name Address Box AA, Liberal, KS  Topography:  Address Box AA, Liberal, KS  Signed Bolivair & Means Date 5-19-78							Jet	Reciproc	ating
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Carlile Water Well Ser. 118  Business name Address  Box AA, Liberal, KS  Address  Signed  Signed  Signed  Signed  Address  Signed  Signed  Address  Signed  Signe									— ° ×
Topography:  Hill Slope  Topography:  Slope  Topography:  Slope  Topography:  Slope  Topography:  Slope  Slope  Topography:  Slope  Topography:  Slope  Topography:  Slope  Topography:  Slope  Topography:  Signed  S	10. Elevation: 17. Kemarks:								
Hill Slope X Upland  Business name Address Box AA, Liberal, KS  Signed  Business name Address Box AA, Liberal, KS  Signed  Business name Address Box AA, Liberal, KS  Signed  Business name Address Box AA, Liberal, KS	2463 Mm						· · · · · · · · · · · · · · · · · · ·		
Slope Slope	1 . 2 ?								
x Upland Signed Edward & Means Date 5-19-78					Down AA Tiberer 7 120 1			ise No.	
							80 12		19 78
	Valley								