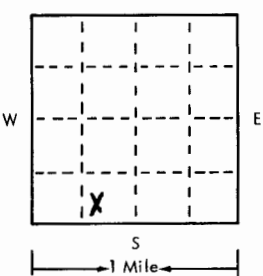


USE TYPEWRITER OR BALL POINT PEN—PRESS FIRMLY, PRINT CLEARLY.

T R EW sec 1/4 1/4 1/4 No.

WATER WELL RECORD  
KSA 82a-1201-1215

Kansas State Dept. Of Health  
(Water Well Contractors)  
Forbes-Bldg. 740  
Topeka, Kansas 66620

1 Location of well:	County <b>Grant</b>	Township name	Fraction <b>W 1/2, SE 1/4, SW 1/4</b>	Section number <b>3</b>	Town number <b>T 30 S</b>	Range number <b>R 37 W</b>		
Distance and direction from nearest town or city: <b>3 south &amp; 1/8 east of Ulysses</b> Street address of well location if in city:				3 Owner of well: <b>Mesa Petroleum</b> Address: <b>Ulysses, Kansas</b>				
Locate with "X" in section below: N  W E S 1 Mile			Sketch map: <b>Well drilled 6-19-75</b>		4 Well depth: <b>550</b> ft. Date of completion <b>7-16-75</b> Well diameter <b>26</b> in.			
2 Type and color of material			From		To		5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary	
							6 Use: <input type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input checked="" type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test well <input type="checkbox"/> _____	
							7 Casing: Material <b>Steel</b> Height: <b>above</b> /below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface <b>12</b> in. Diam. _____ Weight <b>36</b> lbs./ft. <b>16</b> in. to <b>550</b> ft. depth Drive shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No _____ in. to _____ ft. depth	
							8 Screen: Manufacturer <b>Johnson</b> Type <b>Continuous</b> Dia. <b>16"</b> Slot/gauze <b>.060</b> Length <b>165'</b> Set between <b>385</b> ft. and <b>550</b> ft. <b>1/4</b> to <b>1/8</b> Fittings: Gravel pack <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Size range of material _____	
							9 Static water level: <b>280</b> ft. below land surface Date <b>6-25-75</b>	
							10 Pumping level below land surfaces: <b>369</b> ft. after _____ hrs. pumping <b>465</b> g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield _____ g.p.m.	
							11 Water sample submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date _____	
							12 Well head completion: <b>12</b> <input type="checkbox"/> Pitless adapter <input type="checkbox"/> Inches above grade	
							13 Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> <b>Concrete</b> Depth: From <b>0</b> ft. to <b>10</b> ft.	
							14 Nearest source of possible contamination: <b>none observed</b> ft. _____ Direction _____ Type _____ Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
(use a second sheet if needed)			15 Pump: <input type="checkbox"/> Not installed Manufacturer's name <b>Johnston</b> Model number <b>10EMC</b> HP _____ Volts _____ Length of drop pipe <b>445</b> ft. capacity <b>465</b> g.m.p. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other		16 Remarks: elevation			
					Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input checked="" type="checkbox"/> <b>Flat</b> <input type="checkbox"/> Upland <input type="checkbox"/> Valley			
16 Remarks: elevation			17 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. <b>Henkle Drilling &amp; Supply 145</b> Business name _____ License No. _____ Address <b>Box 639 Garden City, KS</b> Signed <b>J. Henkle</b> Date <b>7/28/75</b> Authorized representative		17 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. <b>Henkle Drilling &amp; Supply 145</b> Business name _____ License No. _____ Address <b>Box 639 Garden City, KS</b> Signed <b>J. Henkle</b> Date <b>7/28/75</b> Authorized representative			

Forward the white, blue and pink copies to the Kansas State Dept. Of Health.

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME Mesa Petroleum Company DATE 5-20-75  
 STREET ADDRESS \_\_\_\_\_ TEST # 5 E-Log Hole  
 CITY & STATE Ulysses, KS DRILLER Lee  
 COUNTY Grant QUARTER SW SECTION 3 TOWNSHIP 10 RANGE 37

LOCATION 270 Ft. southeast of Test #2 - Power line 105 ft. S of test hole

%	DRILLED FOOTAGE		Description of Strata	WELL LOCATION
	from	Pay to		Static Water Level Proposed Well Depth
	0	3	Top soil	
	3	92	Brown clay, very few ledges or sand st., clay a little sticky.	
	92	98	Brown clay & fine to med sand mixed.	
	98	102	Brown clay	
	102	110	Sand fine to med, few coarse & clay st.	
	110	155	Brown clay, very few ledges or sand st, clay sticky.	
	155	185	Brown clay, broken rock, ledges, few sand st.	
	185	195	Gray clay, few brown st., very hard ledges, used pull down, some few sand st.	
	195	205	Brown clay, few ledges & sticky	
	205	220	Gray, few brown st ledges, broken rock & sand st.	
	220	270	Gray clay, broken rock, ledges, sand st, fine to med to coarse, used pull down on some of the ledges.	
	270	325	Brown clay, broken rock, sand st. & ledges, clay sticky in places.	
	325	335	Brown clay, fine to med sand st.	
	335	341	Brown clay sticky, very few ledges.	
	341	4	345 Sand fine to med, some clay	
	345	382	Brown clay, very few sand st., & ledges.	
	382	12	394 Sandy clay & fine to med sand, mixed.	
	394	405	Brown clay, few sandstone st, few soapstone st., & yellow st.	
	405	422	Soapstone & red st., drilled tight.	
	422	545	Soapstone, yellow st, started using a lot of water mixed with 5 sacks of Revert. Did not do much good. Started using Quik Gel. Unable to catch true sample. Drilled tight, could be sandstone. Still used a lot of water, hard ledges at 545?	
	545	560	Red Bed	
			Used 7 1/2 sacks of Revert	
			15 sacks of Quik Gel	
			4 loads of water	
			Total Depth of Well - 550 ft.	
			Sat up south	
			Pit on west	

GARDEN CITY, KANSAS HENKLE DRILLING & SUPPLY CO., INC. SUBLETTE, KANSAS  
 PHONE 276-3278 IRRIGATION HEADQUARTERS PHONE 675-4311

TEST HOLES\*\*\*\*\*STOCK WELLS\*\*\*\*\*IRRIGATION AND INDUSTRIAL WELLS\*\*\*\*\*