Surphy in the control programment town or only street address of well floated within oily?  WATER WELL OWNER P. 4. M. Coal Mine.  By St. Address, Box 4	110047	ON OF WAR	FED 14/51 1		TER WELL RECOR				e11 21	<del> </del>
istance and derection from newest town or city streat address of well if located within city?  WATER WELL ONNER: I. 4. M. Coal Mine  Res. Address Book * for Stord or Mine  Res. Address Re			IER WELL:	Fraction	, NE.	115	Section Numb	_	<b>'</b>	1 A
WATER WELL ONNER: P. + M. Coal Mine Re St. Address Box a Instant down, Mo. Res St. Address Box and Instant down, Mo. Res Box and Instant down down, Mo. Res			from nearest to				<u> </u>	T	S	R & CENV
WATER WELL OWNER: P. 4. M. Coal Mine Resource As See See A see	Y	1						11.5-	• •	
Ref. St. Address. Box # Mm.s Text claim. Mo. Sox 8  Very Committee Control of the	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ / /	/2 / / /	es w		AMO	KRI,	144220V	UR I	•
Application Number:  LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  WELL'S STATIC WATER LEVEL.  NEL'S STATIC WATER LEVEL.  NO. 1. 16 to 10	WAIE	WELL ON			.,	<i>a</i>				
AN X IN SECTION WITH			·* Ams	terdam	, Mo. Bo	X8 1472	7			Division of Water Resource
Depth(s) Groundwater Encountered 1. t. 2. t. below land surface measured on modally/in WELLS STATE WATER LEVEL 1. ft. below land surface measured on modally/in WELLS STATE WATER LEVEL 1. ft. below land surface measured on modally/in Wells STATE WATER LEVEL 1. ft. below land surface measured on modally/in Wells water was 1. after hours pumping growth water was 1. a			<u> </u>	T 1		* **				
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Pump test data: Well water was to after hours pumping griss to the pumpi	;	!	1 7	WELL'S STAT	TIC WATER LEVEL	1	t. below land	surface measured	d on mo/day/yr	
Best Hole Diameter 5.79. In. to		_ \w	- NE	Pu	ump test data: .We	il water was	ft	. after	hours pu	mping apm
Well LAYER DE Bore Note De Camerier. 5.79. In. to	<u> </u>	1	1951	Est. Yield	gpm:_ We	ll water was	ft	. after	hours pu	mpina apm
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 10 Domestic 3 Feeding 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Dosenvalions with the control of the co	:l	i	i   _	Bore Hole Dia	ameter <b>5</b> . <b>5/9</b>	in. to 6.	7. 5fi	t., and	iribi	to ft
1 Domestic   3 Feedlot   1 Domestic   3 Feedlot   1 Domestic   1 Domestic   2 Infiguition   4 Industrial   7 Lawn and gaden only   0 Search   1 Search   1 Search   1 Search   1 Search   1 Steel   3 RMP (SR)   6 Abbestos-Cement   9 Other (specify below)   Walded   Casing Joints (cheel   Yes   No		1								
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Was a chemical bacteriological sample submitted to Department? Yes	-	- SW	SE	2 Irrigatio	on 4 Industria					
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TYPE OF BLANK CASING USED:  1 Stole	<u> </u>				a sacionological sa	mpic submitted to				
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ank casing diameter 2. In to 68.5 ft., Dia In to 10.5 ft. Dia In to 10		_		,, ,)				•		
asing height above land surface. 30. in, weight  PREO OF SCREEN OR PERFORATION MATERIAL:  1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)  2 Brass 4 Galvanized steel 5 Fiberglass 9 ABS 12 None used (open hole)  1 Continuous sict 3 Mill sict 6 Wire wrapped 9 Drilled holes  1 Continuous sict 3 Mill sict 6 Wire wrapped 9 Drilled holes  2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)  2 REEN-PERFORATION DRIVEN ALS: From 47.5 ft. to 60.5 ft., From ft. to ft.				in to 10.	riberglass	• • • •			Threa	ded
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2 Brass 4 Galvanized steel CREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 1 Continuous slot 3 Mill slot 2 Louvered shutter 4 Key punched 7 Torch cut 7 Torch cut 10 Other (specify) 11 None (open hole) 2 REEN-PERFORATED INTERVALS: From 6.7.5 ft. to 6.0.5 ft., From ft. to From 1. to 1., From ft. to GRAVEL PACK INTERVALS: From 6.7.5 ft. to 5.0.7 ft., From ft. to GROUT MATERIAL: 1 Neat cement 1 Neat cement 2 Cement group 3 Bentonite 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oli well/Cas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oli well/Cas well 2 Sewer lines 6 Concrete tile 9 ABS 12 None used (open hole) 9 Drilled holes 10 Other (specify) 10 Other (specify) 11 None (open hole) 9 Drilled holes 10 Other (specify) 11 Other (specify) 12 None used (open hole) 13 Drilled holes 10 Other (specify) 11 Other (specify) 12 Other (specify) 13 Direction ft. to 14 Drilled holes 15 Other (specify) 15 Drilled holes 16 Other (specify) 16 Other (specify) 17 Drilled holes 18 Drilled holes 19 Drilled holes 10 Other (specify) 10 Other (specify) 11 Drilled holes 10 Other (specify) 11 Drilled holes 11 Drilled holes 12 Drilled holes 13 Drilled holes 14 Drilled holes 15 Drilled holes 16 Drilled holes 17 Drilled holes 18 Drilled holes 18 Drilled holes 19 Drilled holes 10 Other (specify) 11 Drilled holes 10 Other (specify) 11 Drilled holes 11 Drilled holes 11 Drilled holes 12 Drilled holes 12 Drilled holes 13 Drilled holes 14 Drilled holes 15 Drilled holes 16 Drilled holes 16 Drilled holes 16 Drilled holes 17 Drilled holes 18 Drilled holes 18 Drilled holes 18 Drilled holes 19 Drilled holes 10 Other (specify) 11 Drilled holes 10 Other (specify) 11 Drilled holes 11 Drilled holes 11 Drilled holes 12 Drilled holes 12 Drilled holes 12 Drilled holes 13 Drilled holes 14 Drilled holes 15 Drilled holes 16 Drilled h								10	Asbestos-ceme	nt
CREEN OR PERFORATION OPENINGS ARE:  1 Continuous slot  3 Mill slot  6 Wire wrapped  9 Drilled holes  1 Continuous slot  1 None (open hole)  9 Drilled holes  1 Other (specify)  10 Other (specify)  11 None (open hole)  9 Drilled holes  10 Other (specify)  11 None (open hole)  9 Drilled holes  10 Other (specify)  11 None (open hole)  9 Drilled holes  10 Other (specify)  11 None (open hole)  9 Drilled holes  10 Other (specify)  11 None (open hole)  12 Continuous slot  13 None (open hole)  14 None (open hole)  15 Continuous slot  16 Other (specify)  17 Torch out  18 Continuous slot  18 Continuous slot  19 Drilled holes  10 Other (specify)  10 Other (specify)  11 None (open hole)  9 Drilled holes  10 Other (specify)  11 None (open hole)  12 Continuous slot  13 Septic slot  14 None (open hole)  15 Continuous slot  16 Other (specify)  17 Torch out  18 Septic slot  19 Drilled holes  10 Other (specify)  10 Other (specify)  11 Fuel slorage  11 Other (specify)  12 Fertifizer storage  13 Ulvestock pens  14 Abandoned water well  15 Septic tank  16 Other (specify below)  17 Torch out  18 Septic tank  19 Drilled holes  10 Other (specify)  10 Ulvestock pens  11 Fuel slorage  12 Fertifizer storage  13 Ulvestock pens  14 Abandoned water well  15 Oil well/Cas well  17 Torch out  18 Septic tank  19 Drilled holes  10 Other (specify)  10 Ulvestock pens  11 Fuel slorage  12 Fertifizer storage  13 Ulvestock pens  14 Abandoned water well  15 Oil well/Cas well  17 Prit privy  18 Fertifizer storage  19 Drilled holes  19 Drilled holes  10 Other (specify)  10 Ulvestock pens  14 Abandoned water well  18 Septic tank  19 Drilled holes  10 Ulvestock pens  14 Abandoned water well  18 Septic tank  19 Drilled holes  10 Other (specify)  10 Ulvestock pens  14 Abandoned water well  10 Ulvestock pens  14 Abandoned water well  10 Ulvestock pens  14 Department of the best organ  15 Oil well Cas well  16 Other (specify)  17 Drilled holes  18 Sewaci Therom  18 Drilled holes  19 Drilled holes  19 Drilled holes  10 Other (specify)  10 Ulvestock pens  14 Aba					<del>-</del>		RMP (SR)	11	Other (specify)	
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REEN-PERFORATED INTERVALS: From	1 Co	ntinuous slo	: 3 M	Aill slot	6	Wire wrapped		9 Drilled hol	es	
REEN-PERFORATED INTERVALS: From 67.5 ft. to 60.5 ft. From ft. to ft. From ft. ft. ft. ft. ft. ft. ft. ft. ft.	2 Lou	uvered shutt	er 4 K	Cey punched	7	Torch cut		10 Other (spe	ecify)	
From the to the first to the fi	CREEN-F	PERFORATE	D INTERVALS:	From	ft.	to . 60.5	ft., F	rom	ft. tc	) i
GRAVEL PACK INTERVALS: From 6.8.8 ft. to 5.8.0 ft., From ft. to ft., From ft., Fr				From		to	ft F	rom	ft to	
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rout Intervals: From	GROUT	MATERIAL	: 1 Neat	cement	Cement grout	3 Be				
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rection from well?  FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG  O 3.0 brown silty clay - moist 3.0 6.0 ten brown silty clay - trace gravel - moist 4.0 9.0 tt. brown mothed grey silty clay - trace gravel - moist 4.0 14.0 yellow to buff weathered seamy 4.0 25.0 grey limey shale - dry 5.0 19.0 grey white L.S with thin interbedged grey shale 9.0 31.0 drk grey to grey shale - slightly moist 1.0 45.0 grey shale with limey layers 1.0 45.0 grey shale with thin 1,5 seams - dry 1.0 55.0 grey shale with thin 1,5 seams - dry 1.0 55.0 grey shale with thin 1,5 seams - dry 1.0 55.0 grey shale - dry 1.0 68.5 grey shale -				•	_	•		_	16 01	ner (specify below)
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1.0 45.0 grey shale with limey layers dry  1.0 45.0 grey shale with thin 1,5 seams - dry  1.0 50.0 coal - dry  1.0 55.0 grey shale - dry  1.0 55.0 grey shale - dry  1.0 55.0 grey shale - dry  1.0 69.0 shaley Lis - dry  1.0 69.0 shaley Lis - dry  1.0 constructed (2) reconstructed, or (3) plugged under my jurisdiction and we mpleted on (mo/day/year) . 5 - 10 - 85. and this record is true to the best of my knowledge and belief. Kansa ater Well Contractor's License No. 138. This Water Well Record was completed on (mo/day/yr) . 5 - 10 - 93. deer the business name of Kansas City Testing Lab by (signature) Richard C. Testing Lab	•		grey 1	limey	shale -d	ry		ļ,,,,,		W-14,
1.0 45.0 grey shale with thin 1,5 seams - dry 15.0 50.0 coal - dry 15.0 51.0 under clay - dry 15.0 55.0 grey shale - dry 15.0 64.0 grey white h.s very hard 6/ to 63' 15.0 64.0 grey white h.s very hard 6/ to 63' 15.0 68.5 grey shale - dry 15.0 68.5 grey shale			grey 4	white 1	25 with	4hin i	nter be	7 7		e
19.0 50.0 cos   - dry 19.0 50.0 cos   - dry 19.0 50.0 cos   - dry 19.0 55.0 qrey shale - dry 19.0 55.0 qrey shale - dry 19.0 55.0 qrey shale - dry 19.0 68.0 shale y L.S - dry 19.0 68.5 qrey shale - dry 19.0 constructed (2) reconstructed, or (3) plugged under my jurisdiction and was mpleted on (mo/day/year) . 5 1.0 65 and this record is true to the best of my knowledge and belief. Kansalater Well Contractor's License No. 13.8 This Water Well Record was completed on (mo/day/yr) . 5 10 10 10 10 10 10 10 10 10 10 10 10 10		1	drk g	rey to	grey	shale -	· Sligh	the moi	<i>5</i> <del> </del>	
19.0 50.0 coal - dry 10.0 51.0 under clay - dry 15.0 64.0 grey shale - dry 15.0 64.0 grey white how a long the least of the long tractor's OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and water well contractor's License No. 138 This water Well Record was completed on (mo/day/yr) 15.10 65. This water well Record was completed on (mo/day/yr) 15.10 65. This water Well Record was completed on (mo/day/yr) 15.10 65. This water Well Record was completed on (mo/day/yr) 15.10 15.		•	grey /	shale	with 1	iney la	yevs'	dry		
19.0 50.0 coal - dry 10.0 51.0 under clay - dry 15.0 55.0 grey shale - dry 15.0 69.0 shale y L.5 - dry 15.0 69.0 shale y L.5 - dry 15.0 69.0 shale y L.5 - dry 15.0 constructed (2) reconstructed, or (3) plugged under my jurisdiction and was mpleted on (mo/day/year) . 5 - 10 - 85 and this record is true to the best of my knowledge and belief. Kansa ater Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/yr) . 5 - 10 - 95 and the business name of Kansas City Testing Lab by (signature) Richard C Testing Lab		48.0	grey s	hale 1	with thi	n / K, 5.	seams	- dry		
5.0 55.0 grey shale -dry  5.0 64.0 grey white L.S. — very hard 6/ to 63  4.0 68.0 shale -dry  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed) (2) reconstructed, or (3) plugged under my jurisdiction and water well contractor's License No. 438. This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438. This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438. This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438. This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438. This Water Well Record was completed on (mo/day/yr) 5-10-85	18,0		10061 .	- dry		I				
5.0 64.0 grey white LS — very hard 6/ to 63'  4.0 68.5 grey skele — dry  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and water well on (mo/day/year) 5-10-85 and this record is true to the best of my knowledge and belief. Kansater Well Contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 5-10-85  there well contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 5-10-85			undor	clay	- dry					
4.0 69.0 sheley L.5 - dry  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and water well on (mo/day/year) 5-10-85 and this record is true to the best of my knowledge and belief. Kansater Well Contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 5-10-85 by (signature) Richard C Teach			arev	shale	-dry				****	
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and water well on (mo/day/year)			areu	white	1.5% -		hand	W/ to LZ	,	
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and water well on (mo/day/year)			EL JI.	1.5 -	dry	- Very	1.470	W/ 10 63		
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed) (2) reconstructed, or (3) plugged under my jurisdiction and water material or (mo/day/year)		102	- JARIEY	cl-la	- 1		<del></del>	<del> </del>		
mpleted on (mo/day/year)	. 27 23 1	600	7 /	JAGIE	Tou					. 112
ater Well Contractor's License No. 438		· ^ -	H LANDOWNER	TS CERTIFICA	I ION: This water w	vell was (1) cons	ructed (2) re	constructed, or (3	3) plugged unde	er my jurisdiction and was
der the business name of Kansas City Testing Lab by (signature) Richard C Teedly	CONTR									
	CONTR.	on (mo/day/)	/ear) <b> 5 7.</b>	0.7.85						<i>7</i> ) 1
	CONTR.	on (mo/day/)	rear)57.0 License No.	438	This Wa					<i>7</i> ) 1
STRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRML and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send to see copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WEL	CONTRAMPLEMENT CONTRACTOR CONTRAC	on (mo/day/) Contractor's jusiness ñan	rear) 57.0 License No ne of <b>Kan</b>	0-85 438 sas Cit	This Wa	ter Well Record	was completed by (sign	d on (mo/day/yr) nature)	5-10-	7 eeds