

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR Ke-La-Da Enterprises DATE 5-278
Box 197 Archie Missouri 64725
 Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease <u>Shideler</u>	Well number <u>1</u>	Elevation (ground) <u>1070</u>
----------------------------------	-------------------------	-----------------------------------

WELL LOCATION (give footage from section lines)
250 ft. from (N) (S) sec. line 3410 ft. from (E) (W) sec. line

WELL LOCATION Section 20 Township 43 Range 33 County Cass

Nearest distance from proposed location to property or lease line: 1190 feet
 Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: none feet

Proposed depth: 400' Rotary or Cable tools: Rotary Approx. date work will start: 5-4-78

Number of acres in lease: 965 Number of wells on lease, including this well, completed in or drilling to this reservoir: 1
 Number of abandoned wells on lease: none

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____ No. of Wells: producing _____ inactive _____ abandoned _____

Status of Bond Single Well Amt. _____ Blanket Bond Amt. 10,000 ON FILE ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program:				Approved casing - To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.
<u>30'</u>	<u>7 5/8</u>	<u>surface pipe</u>					
<u>4"</u>	<u>pipe to producing horizon</u>						

I, the undersigned, state that I am the Vice-Pres. Treas. of the Ke-La-Da Enterprises (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.
 Signature Kenneth L. Luper

Permit Number: 20046
 Approval Date: 3 May 1978
 Approved By: Wallace B. Howe

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED
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 MO. OIL & GAS COUNCIL
 WATER SAMPLES REQUIRED @:

Note: This Permit not transferable to any other person or to any other location.
 Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned.

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

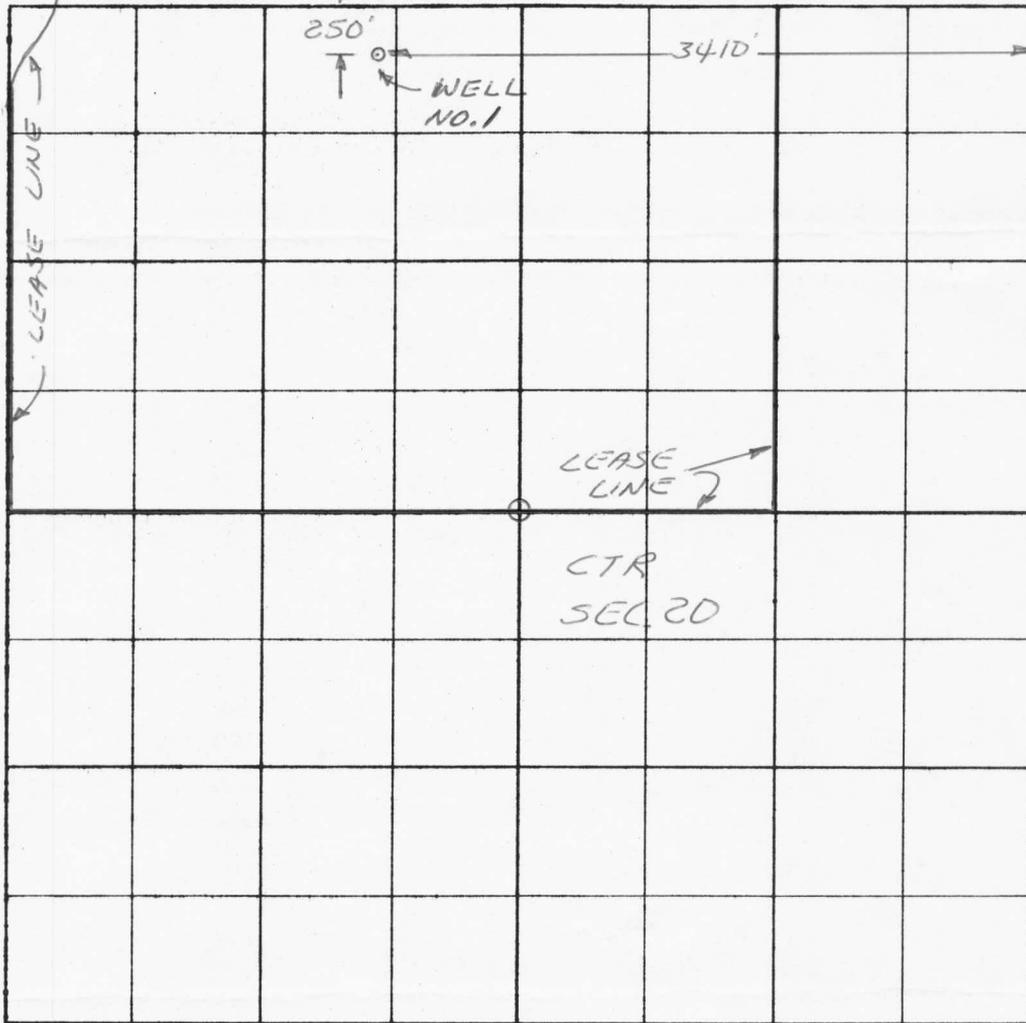
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC - 4

Owner: Ke-La-Da Enterprises

Lease Name: Shideler County, Cass

250 feet from (N) - (S) line and 3410 feet from (E) - (W) line of Sec. 20 Twp. 43 Range 33



SCALE
1" = 1000'

REMARKS: _____

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(SEAL)

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.

Howard L. Sherman
Registered Land Surveyor

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

Owner The-La-Da Enterprises Inc Address Box 197 Archie, Mo.
 Lease Name Shiller Well Number 1 20-43N-33W

Location 250 FN - 3410 FE Section Sec. - TWP-Range or Block & Survey

County COU Permit number (OGC3 number) 20046
 Date spudded 5-9-78 Date total depth reached 5-17-78 Date completed, ready to produce 5-29-78 Elevation (DF, RKB, RT or Gr.) feet 1070 Elevation of casing hd. flange feet 1071

Total depth 605' 3" P. B. T. D. 507

Producing interval (s) for this completion 454 To 459 Rotary tools used (interval) 605' 3" Cable tools used (interval)
 From 0 to 605' 3" Drilling Fluid used 2 mud From to

Was this well directionally drilled? NO Was directional survey made? NO Was copy of directional survey filed? Date filed

Type of electrical or other logs run (list logs filed with the State Geologist) Gamma-Ray Neutron Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb. ft.)	Depth set	Sacks cement	Amt pulled
<u>Log string</u>	<u>6 1/2</u>	<u>4 1/2 OD</u>	<u>9#</u>	<u>510' 9 1/4</u>		

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
<u>2</u>	<u>470</u>	<u>None</u>					

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
<u>2</u>	<u>Wireline</u>	<u>454 To 459</u>	<u>152 bbls Gel Fluid 3,000# Sand</u>	<u>454 To 459</u>

INITIAL PRODUCTION

Date of first production <u>6-8-78</u>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) <u>Pumping 1 1/2" lift pump suckerrod</u>					
Date of test <u>6-18-78</u>	Hrs. tested <u>24</u>	Choke size	Oil prod. during test <u>Trace</u> bbls.	Gas prod. during test <u>20,000</u> MCF	Water prod. during test <u>55</u> bbls.	Oil gravity API (Corr.)	
Tubing pressure <u>70</u>	Casing pressure <u>70</u>	Cal'd rate of Production per 24 hr.	Oil <u>Trace</u> bbls.	Gas <u>20,000</u> MCF	Water <u>55</u> bbls.	Gas-oil ratio	

Disposition of gas (state whether vented, used for fuel or sold): Vented on test Well shut in

Method of disposal of mud pit contents: Pit to be backfilled

CERTIFICATE: I, the undersigned, state that I am the Vice President of the The-La-Da Enterprises (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Therence L. Jones
Signature

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 MO. OIL & GAS COUNCIL

DATE 9 May 1978

COMPANY		Ke-La-Da Enterprises, Inc		FARM		Dean Shideler		WELL NO. 1		ELEV ^{grd} 1070		PAGE NO 1	
COUNTY		Cass		STATE		Missouri		LOCATION		3410 WEL, 250 SNL 20-43N-33W		Drill & Core TYPE SAMPLE Wet	
DEPTH		Lithology		Description		TR-Trace		P-Poor		F-Fair		G-Good	
From	To					Porosity	Fluor	Stain	Odor				
0	5			clay, yellow, wh; sh, brn-yellow									
5	10			sh, brn; ss, vfg, brn-blk, sideritic clay; tar-filled sand									
10	15			ss, brn, vfg, tar-filled, very limy									
15	20			ss, vfg, very limy; good sho oil, heavy oil, good show on pit									
20	25			ss, vfg, very micaceous, limy; good oil sho; residue									
25	30			ss, vfg, grey; tar about 6"; residue clay, grey									
30	35			clay; sh, grey, soft									
35	40			sh, grey; ls, tan, foss, dense									
40	45			sh, grey; ls nodules									
45	50			sh, grey, soft; sdy in part; ls nod; ls, tan, foss									
50	55			ls, tan, foss, dense; ls, grey, sdy									
55	60			clay, grey, soft									
60	65			sh, red-brn, clay, grey; ls, tan, wh; chert									
65	70			sh, maroon; sh, green, soft									
70	75			sh, grey, brn, soft									
75	80			sh, grey, carbonaceous									
80	85			sh, aa									
85	90			silt to vfg ss, grey, very micaceous, carbonaceous, carry									
90	95			silt, grey, carbonaceous									
95	100			sh, grey; ls, tan, foss, fus									
100	105			ls, brn, grey, dirty, very foss									
105	110			ls, tan, brn, very foss; sh, grey									
110	115			sh, grey, soft; sh, grn									
115	120			sh, grey; ls, tan, blk, foss, fus									
120	125			ls, blk, foss, hard, dense									
125	130			ls, tan, foss, hard									
130	135			ls, tan, grey, hard, foss									
135	140			ls, tan, grey; chert, wh, foss									
140	145			ls, tan; chert, tan; chert, wh, foss									
145	150			ls, tan; chert, tan; dead oil st									
150	155			sh, blk, grey									
155	160			sh, dark, blk									
160	165			ls, grey, tan, hard									

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COMPANY		KE-LA-DA ENTERPRISES		FARM SHIDELER		WELL NO. <u>5</u>		Grd ELEV 1070		PAGE NO 2	
COUNTY		Cass		STATE Missouri		LOCATION 3410 WEL, 250 SNL 20-43N-33W		Drill & Core TYPE SAMPLE Wet			
DEPTH		Lithology	Description	TR-Trace		P-Poor		F-Fair		G-Good	
From	To			Porosity	Fluor	Stain	Odor				
165	170		ls, tan, foss, hard, tt; some heavy blk oil; chert, tan								
170	175		ls, tan, foss, hard; dead oil st; chert, tan-wh; tr sh, grn								
175	180		ls, aa, very blk; sh, hard@178; sh, blk								
180	185		sh, blk, hard; ls, grey, hard								
185	190		ls, grey, hard, dense; sh, blk, grey								
190	195		ls, tan, hard, foss; sh, grn								
195	200		ls, aa; sh, grn								
200	205		ls, tan, grey, hard, foss; tr grey, sdy sh; clay, grn-grey								
205	210		sh, grey; clay, grey; tr ss, grey, vfg, clayey; pyritized wood								
210	215		sh, grey-blk, carbonaceous; plant remains; ss, vfg, grey, soft, clayey								NS
215	220		ss, grey, vfg, carbon flakes, friable; NS; clay-filled								
220	225		ss, aa, very micaceous; some tarry residue								
225	230		ss, vfg, grey, heavy tarry residue; tr wh ls w/ dead oil st								
230	235		ss, aa, becoming more silty								
235	240		silt to ss, vfg, grey, tarry residue								
240	245		siltstone, grey, sdy, carbonaceous; tr ls, tan								
245	250		siltstone, aa, clayey								
250	255		siltstone, aa								
255	260		siltstone, aa; ls, tan, hard, dense								
260	265		siltstone, aa								
265	270		siltstone, aa								
270	275		siltstone, aa; ls, tan, hard, dense								
275	280		siltstone, aa; ls, aa; clay, grey								
280	285		sh, grey; ls								
285	290		sh, grey; clay, grey; ls, tan								
290	295		sh, grey, silty								
295	300		sh, grey; ls, hard cherty, tan								
300	305		sh, grey								
305	310		sh, grey; ls, brn, hard								
310	315		ls, brn, dirty; sh, grn-grey								
315	320		ls, sh, aa								
320	325		ls, brn, tan, hard; sh, grey, silty								
325	330		sh, grey, soft, clayey								

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DATE 9 May 1978

COMPANY KE-LA-DA ENTERPRISES		FARM SHIDELER		WELL NO. 1	Grd ELEV 1070	PAGE NO 3	
COUNTY Cass		STATE Missouri	LOCATION 3410 WEL, 250 SNL 20-43N-33W		Drill & Core TYPE SAMPLE Wet		
DEPTH		Lithology	Description	TR-Trace P-Poor F-Fair G-Good Poro Fluor Stain Odor			
From:	To						
330	335		sh, grey; sh, blk, hard, pyritic @334				
			Core No. 1 - Cut 5', Rec'd 5'				
335	336		sh, blk, grey, rotten				
336	337		sh, grey, clayey, rotten				
337	338		sh, rotten; sh, hard, grey, sandy to base				
338	339		sh, sandy, vfg, grey, tt; NS				
339	340.5		sand, vfg, shaly; grey sh; grey clay; bottom 1 1/2' shale	grey,	rotten		
			Core No. 2 - Cut 10', Rec'd 10'				
340.5	341.5		sh, green				
341.5	342.5		thin ls stk; green shale				
342.5	349.5		sh, green-grey, hard, foss, Brach, sandy in part				
349.5	350		sh, maroon-blk, hard, slicken-sided in several places on high angle breaks				
350	350.5		sh, blk, green, red, spotted; sandy				
			Core No. 3 - Cut 5', Rec'd 4'				
350.5	351.5		sh, red, green, grey, soft, rotten				
351.5	353.5		sh, green; ls nodules, foss, sandy				
353.5	354.5		sh, green; ls, stks & nodules; sandstone, vfg, green last 1"				
			Core No. 4 - Cut 5', Rec'd 5'				
354.5	355.5		ss, vfg, grey, shaly, silty; NS				
355.5	356.5		ss, vfg; siltstone, grey, limy, large Brach; ls, nodules				
356.5	357.5		siltstone, grey, sdy, shaly; ls nodules				
357.5	358.5		siltstone, aa w/ blk sh streaks				
358.5	359.5		sh, blk; streaks of grey ss, vfg; NS				
Reaming & drilling samples							
360	365		sh, grey, grn, hard, silty in part				
365	370		sh, grey, grn, blk, hard; clay, grey				
370	375		sh, aa; tr ss, vfg, grn, clay-filled				
375	380		sh, blk, grey, brn; ls nod; some green ss, vfg				
380	385		sh, aa, w/ tr brn sh; ss laminae; tarry residue				
385	390		ss, vfg, dirty, clayey, carbonaceous; sh, blk, grey				
390	395		ss, vfg, dirty; siltstone, grey; grey sh; ls, tan, brn, hard, sdy				
395	400		ls, brn, tan, foss, dead oil stain; ss, grn, hard; sh, blk, grn				
400	405		sh, blk; ls, brn, tan, foss, hard; tr ss, blk, grey				

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DATE 9 May 1978

COMPANY		FARM		WELL NO.	Grd ELEV	PAGE NO		
KE-LA-DA ENTERPRISES		SHIDELEER		2	1070	4		
COUNTY	STATE	LOCATION		Drill & core TYPE SAMPLE				
Cass	Missouri	3410 WEL, 250 SNL 20-43N-33W		Wet				
DEPTH		Lithology	Description	TR-Trace	P-Poor			
From:	To			F-Fair	G-Good	Porosity	Fluor	Stain
405	410		sh, blk @ 406; ls @ 407; ls, brn, tan; clay, wh: sh blk @ 410					
410	415		ls, tan, hard, foss; sh, grey, blk					
415	420		ls, brn, tan, hard, foss, <u>Chaetetes Miller poraceous</u>					
420	425		ls, aa, good specimens of <u>Chaetetes</u> ; sh, blk					
425	430		ls, aa; drilling break @ 429; ss, vfg, grey-blk; good <u>bleeding oil in part</u>	stain,	odor,	taste,	friable,	
430	435		ss, aa, blk; break @ 434; sh, grey, blk, soft					
435	440		sh, grey, blk, soft					
440	445		sh, grey, blk, soft, gummy					
445	450		sh, grey @ 446; ls, blk, dirty; sh, blk, very hard @ 449.5					
450	455		sh, grey, soft, gummy; ss, grey, <u>bleeding oil</u> , some gas?					
455	460		ss, grey, hard, vfg, bleeding gas & oil					
460	465		ss, grey, friable, micaceous; some stain (dark blk), looks wet = Ft. Scott @ 469					
465	470		ss, aa; clay, grey, soft; ls, brn, tan, foss, oolitic					
470	475		ls, ban, tan, very foss, very oolitic, tt; no P&P: NS					
475	480		ls, light tan, xln, dense, foss					
480	485		ls, tan, wh, chalky, foss, tt, NS					
485	490		ls, tan, white, chalky, not so foss, tt, NS; sh, grn, gry					
490	495		ls, tan, grey, hard, dense, foss; sh, grey, blk					
495	500		ls, dark, brn, xln, dense, foss; NS					
500	505		ls, tan; dirty, grey sh					
505	510		ls, aa; sh, blk; ls @ 506', dirty, sdy; tr ss, green, vfg					
510	515		ls, aa; sh, grey; clay, grey					
515	520		aa; clay, grey, sdy					
520	525		aa, blk sh (coal) at 524'; ss, grey, friable; clay, grey					
Core No. 5 - Cut 5', Rec'd 4								
524'10"	525		sh, blk; ss, vfg, hard, limy; grey mica; NS					
525	526		ss, grey, vfg, very limy; NS					
526	527		ss, very limy, wh, grey, tt, hard; NS					
527	528		ss; thin stks of blk shale; NS					
528	529		ss, vfg, grey, clayey, micaceous, pyritic; NS					
529	530		lost					

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COMPANY KE-LA-DA ENTERPRISES		FARM SHIDELER	WELL NO. 2	Grd ELEV 1070	PAGE NO 5
COUNTY Cass		STATE Missouri	LOCATION 3410 WEL, 250 SNL 20-43N-33W	Drill & Core TYPE SAMPLE Wet	
DEPTH				TR-Trace	P-Poor
From	To	Lithology	Description	F-Fair	G-Good
				Porosity	Fluor
				Stain	Odor
Core No. 6 - Cut 5', Rec'd 5'3"					
530	531		ss, grey, vfg, micaceous, carbon flakes; clayey in part; NS		
531	531.8		ss, aa		
531.8	531.85		sh, blk, grey		
531.85	532		ss, vfg, grey, clayey, micaceous; NS; wet		
532	532.2		ss, aa		
532.2	532.3		sh, blk		
532.3	533		ss, vfg, grey, P&P, faint odor H ₂ S		
533	534		ss, aa		
534	535.2		siltstone, grey; some very thin stks of ss, grey; sh toward base		
Core No. 7 - Cut 9', Rec'd 8' 6"					
535.2	537.5		siltstone, grey, hard; NS		
537.5	538		siltstone, aa, vert frac; clay, grey		
538	544		siltstone, grey; laminae of blk sh and grey ss, hard		
Core No. 8 - Cut 7', Rec'd 5' 6"					
544	547		siltstone, grey; root remains; laminae of blk sh		
547	548		sh, blk, very fine sandy streaks and silty in part		
548	549.2		siltstone, grey; laminae blk sh		
549.2	551		lost		
Core No. 9 - Cut 9', Rec'd 9'					
551	552		sh, blk, vert frac		
552	553		ss, vfg, very limy, foss, hard; NS		
553	560		sh, blk, silty in part; plant remains, Brach; stks of ss, very thin; blebs of ss, sh, grey, vfg; NS		
Core No. 10 - Cut 5', Rec'd 5'					
560	561		sh, blk, hard, foss stks (Brach)		
561	562		sh, blk, foss stk at top, sandy, sand stks		
562	564.5		ss, vfg, subang, well sorted, very micaceous, pyritized wood frag; thin blk sh stks; NS		
564.5	565		sh, blk, thin laminae of ss, vfg, grey, reworked, cross-bedded		
Core No. 11 - Cut 5', Rec'd 4'5"					
565	566		sh, blk, laminated w/ ss, vfg, grey-wh, very micaceous; NS		
566	569'5"		sh, blk, laminae of vfg wh ss; NS		

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COMPANY KE-LA-DA ENTERPRISES		FARM SHIDELER	WELL NO. 2	Grd ELEV 1070	PAGE NO 6
COUNTY Cass	STATE Missouri	LOCATION 3410 WEL, 250 SNL 20-43N-33W		Drill & Core TYPE SAMPLE Wet	

DEPTH		Lithology	Description	TR-Trace P-Poor F-Fair G-Good			
From	To			Porosity	Fluor	Stain	Odor
			Core No. 12 - Cut 7', Rec'd 6'				
570	571		sh, blk; very thin laminae of vfg sandstone				
571	576		sh, blk, plant remains, pyritized				
			Core No. 13 - Cut 7', Rec'd 7'5"				
576	576.6		sh, blk, fissile				
576.6	577		siltstone, blk, plant remains				
577	577.4		siltstone, aa				
577.4	578		sandstone, very fine, silty, blk				
578	579		sandstone, blk, silty; NS				
579	580		siltstone, blk; thin laminae, vfg ss				
580	583.5		siltstone, blk; thin laminae vfg ss				
			Core No. 14 - Cut 7', Rec'd 6'5"				
583.5	586.5		Siltstone, blk; root remains, pyritized				
586.5	590		sh, blk, hard; plant remains, Brach				
			Core No. 15 - Cut 7', Rec'd 7' (lost 9")				
590	591		sh, blk; root remains, pyritized				
591	592		sh, blk, 1/2 "; ss nodules; foss; thin stks blk sh, contorted; thin stks wh ss, about 2 1/2" thick				
592	596.3		siltstone, blk w/ thin laminae of blacker sh and thin laminae of ss, pyritic, micaceous; pyritized roots, pieces of plants, fossil imprints, Brach				
			Core No. 16 - Cut 7.5', Rec'd 7.5'				
597	598		clay, grey-grn				
598	598.2		sh, blk, hard				
598.2	599.5		coal, good, pyritic plant remains				
599.5	600		sh, grey, blk, hard				
600	602		ls, grey, fine xln, foss; streaks and blebs of grey-grn sh; NS				
602	604.5		ls, grey, wh, foss, tt; NS; stks of grey sh				
604.5	605.3		ls, fine xln, grey; less sh; NS				

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KE-LA-DA ENTERPRISES, INC.

No. 1 Dean Shideler

Well History

3410 WEL, 250 SNL
20-43N-33W
Cass County, Mo.
Elevation: Ground 1070

- 8 May 1978 Moved in rotary tools; too muddy to spot rig over location.
- 9 May 1978 On location. Layne-Western on location at 8:45 AM. No water.
RURT, Layne-Western Rig No. 23, Gardner-Denver 15W. Drilled to TD 335' @ 6:30 PM.
- 10 May 1978 On location @ 8:30. Tripped for core barrel. Strapped pipe. No correction TD KD 335'4". Cored to 359'5": sh & sand facies. No Knobtown horizon. TD @ 6:30 P.M. 360'
- 11 May 1978 On location @ 10:30. Came out of hole w/ core barrel. Reamed 3" rat hole to 6". Drilled ahead, bit about worn out. Drilled to a TD of 459' @ 6:30 PM.
- 12 May 1978 On location @ 9 AM. Came out of hole for bit change. Drilling @ 10:55. Rainy weather; heavy rain. Drilled to 524' in Squirrel sand. Tripped for core barrel. Bit locked, bearings out of one cone. Iron in hole. Had to quit because of rain. TD at 5 PM 524'.
- 13 May 1978 SD
- 14 May 1978 SD
- 15 May 1978 Weather bright, clear, warm. On location at 8:04. Drillers on location at 8:45 AM. Coring at 10:04. Cored to a TD of 560' at 6:30 PM.
- 16 May 1978 On location at 8:05. Drillers on location @ 8:16 AM. Coring at 9 AM. Cored to a TD of 597' at 9:45 PM. Core barrel jamming with 3' of cavings on each core.
- 17 May 1978 On location at 8:20. Drillers on location at 9:30 AM. Coring at 10:04. Cored to 605'3" in Ardmore ls at 1:45 PM.

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KE-LA-DA ENTERPRISES, INC.

No. 1 Shideler

Casing Record

Joint No.	1	21'
	2	21' 1"
	3	21'
	4	21' 4"
	5	21' 2"
	6	21' 2"
	7	21'
	8	21' 8"
	9	21' 3"
	10	20' 9"
	11	21' 2"
	12	20' 9"
	13	21' 1"
	14	21' 1"
	15	21'
	16	21'
	17	21' 2"
	18	21' 3"
	19	21' 1"
	20	21' 1"
	21	21' 2"
	22	21'
	23	21' 2"
	24	21' 2"

Total String

510' 9 $\frac{1}{4}$ "

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