Air Drilling Specialist
Oil and Gas Wells

MOKAT Drilling Co., Inc.
Office Phone (918) 683-0644

Operator	Well No.	Lease	Loc.
Carmel ~~Valdez~~ Energy ~~Venture~~	1	David Olson	Wilson City.

21-28-17E	County	State	Type/Well
	Wilson	Ks.	oil

Job No.	Casing Used	Bit Record				
	51'	Bit No.	Type	Size	From	T
Driller	Cement Used					
Driller: Duane Martin	Rig No.: 3					
Driller	Hammer No.					

Formation Record

From	To	Formation	From	To	Formation	From	To	
0	51	set surface	537	561	sandy shale			
51	114	sand	561	570	shale			
114	134	shale	570	596	lime			
134	156	sand	596	614	shale			
156	158	lime	614	618	Gr. sghale			
158	163	shale	618	636	sand(gas oil odor)			
163	236	lime	636	656	lime			
236	240	Blk. shale	656	672	shale			
240	246	lime	672	675	Bkl. shale			
246	260	sand	675	686	shale			
260	264	sand-sandy shale	686	739	sandy shale(oil show)			
264	273	sand	739	764	shale			
273	279	shale	764	780	sandy shale			
279	303	lime	780	791	lime			
303	311	shale	791	799	shale			
311	351	lime	799	809	sand			
351	383	shale	809	812	sale			
383	385	lime	812	820	sand			
385	396	Dark gr, shale	820	853	shale			
396	401	sand	853	854	coal			
401	427	sandy shale	854	889	sandy shale			
427	429	lime	889	900	shale	700	mcf	
429	440	lime-shale	900	922	sand(oilodor)			
440	461	sandy shale	922	1045	shale			
461	488	Gr. shale	1045	1046	Miss. lime			
488	495	sand	1045	1062	Miss chat			
495	527	sand-sandy shale	1062	1090	lime-chat			
527	537	sand	1090	1112	lime-churt			T

21-28-17E

D. OLSON #1

	Depth	Elevation
Top Oswego	636'	+292'
Bottom 5' Lime	669'	+259'
Top Squirrel Sand	686'	+242'
Bottom Squirrel Sand	696'	+232'
Top Verdigris Lime	755'	+173'
Top Upper Cattleman	797'	+131'
Bottom Upper Cattleman	804'	+124'
Top Cattleman Sand	813'	+115'
Bottom Cattleman Sand	816'	+112'
Top Lower Cattleman	824'	+104'
Bottom Lower Cattleman	830'	+ 98'
Weir Pittsburg Coal	854'	+ 74'
Top Upper Bartlesville	872'	+ 56'
Bottom Upper Bartlesville	909'	+ 19'
Top Tucker	972'	- 44'
Bottom Tucker	987'	- 59'
Top Mississippi	1045'	-117'

RECEIVED
STATE CORPORATION COMMISSION
AUG 27 1982
CONSERVATION DIVISION
Wichita, Kansas