4N-34W-21 SESE
HITCHCOCK, NEBRASKA

T431

WELL:	Silver Farms No. 4-1621.
OPERATOR:	Gemini Corporation.
CONTRACTOR:	Murfin Drilling Co., Rig No. 20. Toolpusher: Matt Finnesy.
LOCATION:	SE SE Section 21, Township 4 North, Range 34 West.
COUNTY:	Hitchcock.
STATE:	Nebraska.
ELEVATION:	2950' G.L. 2955' K.B.
COMMENCED:	November 10, 1984.
CASING:	Ran 299.62', 8-5/8" casing, set at 306.62' K.B., with 250 sacks 60/40 Pozmix, 3% CaCl. Plug down at 12:30 A.M., November 11, 1984.
CORES:	Vinson Diamond Coring (Max Vinson): Core No. 1, 4214'-4240' (Lansing "F" Zone).
DRILLSTEM TESTS:	Cheney Testing Co. (Mike Finnesy): DST No. 1, 4174-4240', (Lansing "F" Zone).
LOGS:	Petro-Log (Jim Porter, Steve Mayers): Compensated-Borehole Compensated Nuetron, Dual Induction-SFL.
COMPLETED DRILLING:	November 16, 1984, 12:15 P.M.
STATUS:	Completing as an oil well.

CHRONOLOGICAL HISTORY

DATE	DEPTH (7:00 A.M. CST)	DAY OF OPERATION	COMMENTS
11-10-84	-0-	1	Moved rig in, P.M. Rigged up.
11-11-84	306	2	Drilling surface plug.
11-12-84	2625	3	Drilling.
11-13-84	3440	4	Drilling.
11-14-84	4110	5	Drilling. Core at 4214' at 12:15 P.M.
11-15-84	4240	6	Making up test tools - DST No. 1.
11-16-84	4435	7	Drilling. T.D. 4530 at 12:15 P.M. Ran Petro-Log logs.

F O R M A T I O N T O P S (LOGS)

FORMATION	DEPTH	ELEVATION
Niobrara	1202	+1753
Fort Hays	1600	+1355
Greenhorn	1834	+1121
Dakota	1950	+1005
Morrison	2856	+ 99
Blaine	Absent	--
Cedar Hills	2873	+ 82
Stone Corral	3044	- 89
base/Stone Corral	3066	- 111
Chase	3244	- 289
Foraker	3606	- 651
Topeka	3790	- 835
Deer Creek	3828	- 873
Oread	3861	- 906
Lansing "A" Zone	3981	-1026
Lansing "B" Zone	4016	-1061
Lansing "C" Zone	4057	-1102
Lansing "D" Zone	4101	-1146
Lansing "E" Zone	4156	-1201
Lansing "F" Zone	4215	-1260
base/Lansing-KC	4272	-1317
Cherokee	4494	-1539
Total Depth	4526 (Logger)	4530 (Driller)

B I T R E C O R D

NO.	SIZE	MAKE	TYPE	DEPTH OUT	FEET	HOURS	DEVIATION
1A	12-1/4	STC	DSJ	306	306	1-3/4	1/16°.
1	7-7/8	STC	DSJ	2569	2263	16-1/2	1-1/4°.
2	7-7/8	STC	DTJ	3260	691	13-1/2	1-3/4°.
3	7-7/8	McD	OS2	4214	954	31-1/2	10.
	6-1/4	Diamond Core Bit		4240	26		
4	7-7/8	McD	OS2	4530	290	15	