



Operator Name Lebsack Oil Production, Inc. Lease Name Sleeper Northwest Well # 2

Sec. 21 Twp. 22s Rge. 11w County Stafford

East  
 West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 3540' - 90' 15-30-30-60  
 Recovered 1500' gas, 120' GCM  
 120' G&OCM  
 ICIP 256  
 FCIP 347  
 FP 73/92 & 92/92

DST #2 3550' - 3630' 15-30-60-90  
 Recovered 1440' gas, 65' G&OCM &  
 60' heavy gas & OGM.  
 ICIP 304  
 FCIP 445  
 FP 81/81 & 81/101

Name	Top	Bottom
Anhydrite	555	
Tarkio	2465	
Howard	2689	
Heebner	3085	
Brown	3225	
Lansing	3255	
BKC	3482	
Viola	3530	-1702
Simpson Sand	3569	-1741
Arguckle	3622	

CASING RECORD  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Production	12-1/4	8-5/8"	#20	308'	60/40 Pozmix	275	2% Gel 3% cc
	7-7/8	4-1/2"	#10 5#	365'	Poz-60/40	150	18% salt #5 Gilsonite

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3580-82 & 3586-88	250/gal 10% FE	
2	3540' - 64'	1000/gal 15% FE Frac: 225/sax 20/40 & 100 sax 12/20 & 760 B. gelled water	

TUBING RECORD  
 Size 2" Set At 3573' Packer at Liner Run  Yes  No

Date of First Production June 24, 1988  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

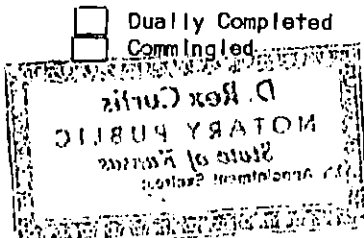
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	9/BOPD	116/MCFPD	3/BW		40

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

3580-82 & 86-88  
 3540-64



## STERLING DRILLING COMPANY

BOX 129

STERLING, KANSAS 67579

WELL LOG ----- NW Sleeper #2  
 Located NW NW NW, Sec. 21-22S-11W, Stafford County, Kansas

OWNER: Lebsack Oil Production

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: May 20, 1988

COMPLETED: May 26, 1988

TOTAL DEPTH: 3660'

<u>LOG</u>	<u>CASING RECORD</u>
0 - 15 Sand	Ran 7 joints 8 5/8" 20# new casing. 296.16' pipe set at 308'KB.
15 - 45 Clay	Cemented with 275 sacks 60-40 Pozmix, 2% gel and 3% cc. Plug down at 1:00 PM, 5-20-88, by Howco.
45 - 85 Sand	
85 - 311 Red Bed	
311 - 970 Shale & Red Beds	
970 - 3590 Lime & Shale	
3590 - 3630 Lime & Arbuckle	Ran 103 joints 4 1/2" 10.5# used casing. 3641.53' pipe set at 3651' KB.
3630 - 3660 Arbuckle	Cemented with 75 sacks 60-40 Pozmix with 18% salt, 3/4 of 1% CFR3, plus 75 sacks 60-40 Pozmix with 3/4 1% CFR3, 18% salt & 5# Gilsonite per sack. Plug down at 8:30 PM, 5-26-88, by Howco.

Deviation Survey: 1 1/4° at 3590'

RECEIVED  
 STATE OF KANSAS COMMISSION

AUG 25 1988

REGISTRATION DIVISION  
 Wichita Kansas