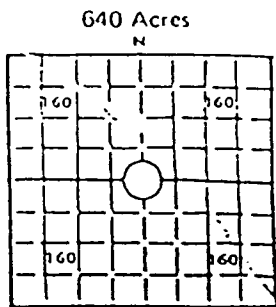


DRILLERS LOG

API No. 15 - 049 - 22,142  
 County Number

**COPY** Loc. C SE NW 23-30-12  
 County Elk

Operator D. J. Oil  
 Address \_\_\_\_\_  
 Well No. 3-A Lease Name Bell  
 Footage Location \_\_\_\_\_  
 feet from (N) (S) line \_\_\_\_\_ feet from (E) (W) line \_\_\_\_\_  
 Principal Contractor \_\_\_\_\_ Geologist \_\_\_\_\_  
 Spud Date 3-21-70 Total Depth \_\_\_\_\_ P.B.T.D. \_\_\_\_\_  
 Date Completed \_\_\_\_\_ Oil Purchaser \_\_\_\_\_



640 Acres  
 Elev.: Gr. 728  
 DF \_\_\_\_\_ KB \_\_\_\_\_

CASING RECORD

*Copy*

Report of all strings set—surface, intermediate, production, etc.

Depth of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE							
PRODUCTION							

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top soil	0	2	Lime	566	572	Pawnee Lime	1159	1190
Clay	2	14	Shale	572	668	Shale	1190	1216
Shale	14	26	Sand	668	672	Oswego Lime	1216	1240
S. Shale	26	28	Shale	672	694	Shale	1240	1243
Lime	28	81	Lime	694	696	Lime	1243	1252
Sand	81	107	Sandy Shale	696	720	Shale	1252	1256
Lime	107	108	Big Lime	720	747	Lime	1256	1259
Sand	108	121	Sandy shale	747	763	Shale	1259	1554
Shale	121	173	Lime	763	839	Misc. Chat.	1554	1595
Lime	173	177	Sand	839	871	Lime	1595	
Shale	177	210	Lime	871	899			
Lime	210	213	Shale	899	935			
Shale	213	455	Sand	935	945			
Lime	455	468	Lime	945	969			
Sand	468	478	Sandy Shale	969	979			
Lime	478	472	Lime	979	980			
Sand	472	476	Sandy shale	980	1002			
Lime	476	478	Sand	1002	1008			
Shale	478	538	Sandy shale	1008	1025			
Lime	538	539	Lime	1025	1029			
(Coal) Sand	539	544	Sandy shale	1028	1042			
Sandy Shale	544	554	Lime	1042	1052			
Lime	554	556	(odor) Sand	1052	1064			
Shale	556	566	Sandy shale	1064	1159			

STATE RECEIVED  
 CORPORATION COMMISSION  
 JUN 15 1970

CONSERVATION DIVISION  
 Winthrop, Kansas