

1085

31

SIDE TWO

Operator Name BLACK STAR Lease Name VAUGHN Well# 28 SEC. 30 TWP. 34 RGE. 17

X East
Well

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

Name	Top	Bottom
PAWNEE	278	302
PERU	326	346
OSWEGO	362	429
BREEZY HILLS	434	444
SQUIRREL	462	468
VERDIGRIS	484	486
RED FORK	566	604
CATTLEMAN	565	662

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 Csg....	10"	7"	17#	65	Portland	11	3% CaCL2
Prod. Csg....	6 1/4"	2 7/8"	6.4	659	50/50POZ	120	10% NaCL2

PERFORATION RECORD

shots per foot specify footage of each interval perforated

2	32 shots

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used) Depth

7500# Sand	594-610

WILD CAT DRILLERS LTD.

DAILY DRILL REPORT AND LOG

Vaughn
Hole No. 28 Date 6-27-84 Depth 0 To 662 Shift 1 Drill No. 14W
Client BLACK STAR PETROLEUM Address _____
Project Location Vaughn Hole Location _____
Client's Representative Steve Owens Driller Bennie Benson Hrs. _____
Helper _____ Hrs. _____ Helper Dennis Young Hrs. _____

BITS USED					DIAMOND BITS USED			
No.	Type	Size	From	To	Serial No.	Size	From	To
1	Tricone	10	0	32				
1	Tricone	6	32	662				

MUD AND LOSS CIRCULATION MATERIAL			CEMENT		CASING INFORMATION			
Manufacturer	No. Sacks	Weight	No. Sacks	Size	Ft - Run	Ft - Pulled	Ft - Left	
Wildcat cemented			11	7" 8 rd.	30.20		30.20	

DEPTH		FORMATIONS	TYPE DRLG.	DRILLING TIME				CORE LOSS
From	To			Start	Stop	From	To	
0	4	Soil						
4	12	Clay						
12	20	Sandy Clay						
20	26	Sand & Gravel						
26	34	Lime						
34	39	Sand						
39	94	Shale						
94	109	Lime						
109	111	Shale						
111	122	Lime						
122	133	Shale						
133	176	Sand						
176	189	Sandy Shale						
189	201	Shale						
201	251	Sand						
251	270	Shale						
270	272	Lime						
272	286	Shale						
286	307	Lime						
307	333	Shale						
333	350	Sand						
350	369	Sandy Shale						
369	372	Sand						
372	399	Lime (Oswego #1)						
399	404	Shale						
404	434	Lime						
434	441	Shale						

JAN 7 1985

State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

JAN 03 1985

CONSERVATION DIVISION
Wichita, Kansas

PENETRATION TESTS

From	To	Blows	From	To	Blows

SHELBY TUBE SAMPLES

From	To	From	To	From	To

8 Jan 28 Date 7-2-84 Dupl 0 to 662 Sall 1 Ord No 14W

Abstract

State Geological Survey
GEOLOGICAL RESEARCH