

Operator Name Ensign Operating Company Lease Name..... Seyfert Well #..... 36-32

Sec..... 36 Twp..... 16S Rge..... 12 ☐ East
☒ West County..... Barton

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

SEYFERT #36-32

LOG TOPS: ANHYDRITE 793 (+1141)
 B/ANHYDRITE 822 (+1112)
 TOPEKA 2717 (-783)
 HEEBNER 3007 (-1073)
 LANSING 3126 (-1192)
 B/KANSAS CITY 3318 (-1384)
 ARBUCKLE 3404 (-1470)
 TD 3459 (-1525)

Name	Top	Bottom
soil, rock	0	45'
shale	45'	384'
shale, sand	384'	801'
shale	801'	1160'
shale, lime	1160'	1935'
shale	1935'	2370'
shale, lime	2370'	2474'
lime, shale	2474'	2900'
shale, lime	2900'	3105'
lime, shale	3105'	3110'
shale, lime	3110'	3215'
lime, shale	3215'	3335'
shale, lime	3335'	3460'

DST-NO.1- 3037, 3105, 30/45/60/45, Rec. 370'
 Muddy Wtr., IHP 1641, IFP 52-83,
 ISIP 707, FFP 125-87, FSIP 593,
 FHP 1641

DST-NO.2- 3284-3307, 30/45/60/60, Rec. 30'
 GIP, 45' sli OC Glassy Mud, 60'
 very sli O & GCM, IHP 1775, IFP
 31-31, ISIP 1008, FFP 52-62, FSIP
 977, FHP 1775

Rotary Total Depth 3460'

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	 12-1/4	 8-5/8	 24#	 357'	 60/40 Poz	 165	 3% cc., 2% gel
.....							
.....							

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
.....			
.....			
.....			
.....			

TUBING RECORD		Liner Run ☐ Yes ☐ No	
Size	Set At	Packer at	
.....			

Date of First Production	Producing Method			
.....	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....			
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB
.....				

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled