

68485

Operator Name: JOHN O. FARMER, II Lease Name: Mentgen Well #: 1
 Sec. 4 Twp. 10 S. R. 21w East West County: Graham

CONFIDENTIAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: Cement Bond Log Dual Induction Log Dual Compensated Porosity Log Microresistivity Log</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1748'</td> <td>(+538)</td> </tr> <tr> <td>Base/Anhydrite</td> <td>1786'</td> <td>(+500)</td> </tr> <tr> <td>Topeka</td> <td>3278'</td> <td>(-992)</td> </tr> <tr> <td>Heebner Shale</td> <td>3484'</td> <td>(-1198)</td> </tr> <tr> <td>Toronto</td> <td>3506'</td> <td>(-1220)</td> </tr> <tr> <td>Lansing</td> <td>3524'</td> <td>(-1238)</td> </tr> <tr> <td>Stark Shale</td> <td>3713'</td> <td>(-1427)</td> </tr> <tr> <td>Base/KC</td> <td>3748'</td> <td>(-1462)</td> </tr> <tr> <td>Arbuckle</td> <td>3848'</td> <td>(-1562)</td> </tr> <tr> <td>L.T.D.</td> <td>3952'</td> <td>(-1666)</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1748'	(+538)	Base/Anhydrite	1786'	(+500)	Topeka	3278'	(-992)	Heebner Shale	3484'	(-1198)	Toronto	3506'	(-1220)	Lansing	3524'	(-1238)	Stark Shale	3713'	(-1427)	Base/KC	3748'	(-1462)	Arbuckle	3848'	(-1562)	L.T.D.	3952'	(-1666)
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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 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 Pipe	12 1/4	8 5/8	23	220.70	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	15.5	3944	ASC	175	2%Gel
			DV Tool @	1755	60/40Poz	400	6%GelW/1/4#FC/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2 SPF	3857-60' BP @ 3855'	Completed Natural	
2 SPF	3850-53'	Completed Natural	

TUBING RECORD	Size 2-7/8"	Set At 3887'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 7-8-02		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 10.89	Gas Mcf --	Water Bbls. 33.78	Gas-Oil Ratio 29.5°

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION Production Interval 3850-53'

(If vented, Sumit ACO-18.)