



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1271137  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27     NAD83     WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1271137

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input 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

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Gisela Northeast 1
Doc ID	1271137

Tops

Name	Top	Datum
Anhydrite	1337	593
Base	1372	558
Topeka	2856	-926
Heebner	3065	-1135
Toronto	3087	-1157
Lansing	3108	-1178
BKC	3329	-1399
Arbuckle	3427	-1497
T.D.	3444	-1514





**Janel Staab**  
Consulting Petroleum Geologist

2428 Toulon Ave  
Hays, KS 67601  
Phone: 785-625-4311  
Cell Phone: 785-635-1660

**GEOLOGIST'S WELL REPORT**

COMPANY Staab Oil Company #6037

WELL Gisela Northeast

FIELD Wildcat

LOCATION (legal) NW · SW · SE · SE · 570' FSL 1105' FEL

Section 3 TWP 8 RGE 18

(Map) 9 mile North of Plainville - 1 mile West - 1/2 mile North

COUNTY Rooks STATE Kansas

ELEVATION: 1930 K.B., 1925 G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-24294-00-00

GEOLOGY BY Janel Staab

# PERTINENT WELL DATA

CONTRACTOR Shields Drilling Company #5184

RIG # 2 HYDRAULICS Beth 225 6X14X60

DRILL PIPE 4 1/2" X-H COLLARS 6 1/4" 233

CASING: SURFACE 8 5/8" @ 221' W/150 SX Common

PRODUCTION 5 1/2" @ 3445 W/150 SX Common

DRILLING FLUID: COMPANY Mud Co / Service Mud, Inc

TYPE: Chemical Gary Schmidtberger

REMARKS: Full Service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc

NUMBER OF TESTS 1

ELECTIC LOGS: COMPANY NABORS Comp + Prod. Service

DETAIL (5") 2700 - RTD

TYPE D.I. Comp N.O. Micro

DRILLING TIME FROM 2800 TO 3415 \*

SAMPLE TIME FROM 2820 TO 3445

SUPERVISION FROM 2820 TO 3445

VERTICAL DEVIATION \_\_\_\_\_

PLUGGING REPORT \_\_\_\_\_

RESERVE PIT \_\_\_\_\_

\* Drill time - Geolograph broke at 3415'

# DAILY REPORT

DATE:	7 a.m. Depth	RIG ACTIVITY
6.22.15		M.I.R.U. - SPUD
6.23.15	221	W.O.C.
6.24.15	1372	Drilling Anhydrite
6.25.15	2617	Drilling sand + shc
6.26.15	3222	DST #1 LKC. E - G
6.27.15	3445	T.D. Logged. P + A



# DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	3152- 3157 LKC-E-G	280 280 5'	6340  60'	29 20'	— —	1501* —	5' 505M 10% oil
2							
3							
4							
5							
6							
7							
8							

## MUD RECORD

CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	221	-	-	-	-	-
2	1570	9.3	29	NC	9600	-
3	2728	8.6	49	8.8	2700	18
4	3222	9.0	48	8.0	2800	19
5	3445	9.4	59	7.6	2800	25
6						
7						
8						
9						
10						
11						

L.C.M

N:1

2

2

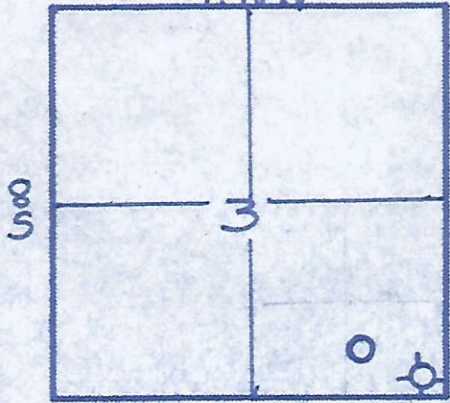
1

## BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	1 1/4	Reed	Milltooth	221	221	5'
2	7/8	Reed	S.52	3445	3224	
3						
4						
5						

# FORMATION TOPS & STRUCTURAL GEO

= R 18 W



REFERRED TO:

A: John Farmer - Graves  
#1 Eckart SE. SE. S

- B: \_\_\_\_\_
- C: \_\_\_\_\_
- D: \_\_\_\_\_
- E: \_\_\_\_\_

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION		
	SAMPLE	E. LOG	DATUM	A	B

Corrected						
STRATIGRAPHIC MARKERS	SAMPLE	E. LOG	DATUM	A	B	C
Anhydrite	1338	1337	+593	+609		
Base	1372	1372	+558			
Topeka	2858 2856		-926	-918		
Heebner Sh.	3068	3065	-1135	-1127		
Toronto	3080	3087	-1157	-1150		
Lansing	3109	3108	-1178	-1169		
Bkc.	3332	3329	-1399	-1392		
Arbuckle	3427	3427	-1497	-1468		
TD.	3445	3444	-1514	-1524		

\*Structural position of subject well as compared to refer

LOGY

Drilling Co.  
3

D E  
Final from  
Samples  
1335  
1372  
2831  
3038  
3070  
3080  
3290  
3382  
3445

ed well.

### SUMMARY

The Gisela Northeast #1 was drilled us  
Shields #2. Location was Sec 3, T 8 S. R  
Books Co. Starting on June 22, 2015 and  
reaching T.D. on June 27, 2015

3.0 seismic indicated that this  
was on the upside of a fault and was  
to surrounding dry holes.

1 DST and logs were ran The DST  
negative results After logging we ran  
the correlating well to the Southeast

As a result of negative DST and  
Structurally producer P + A location

*Paul Stead*

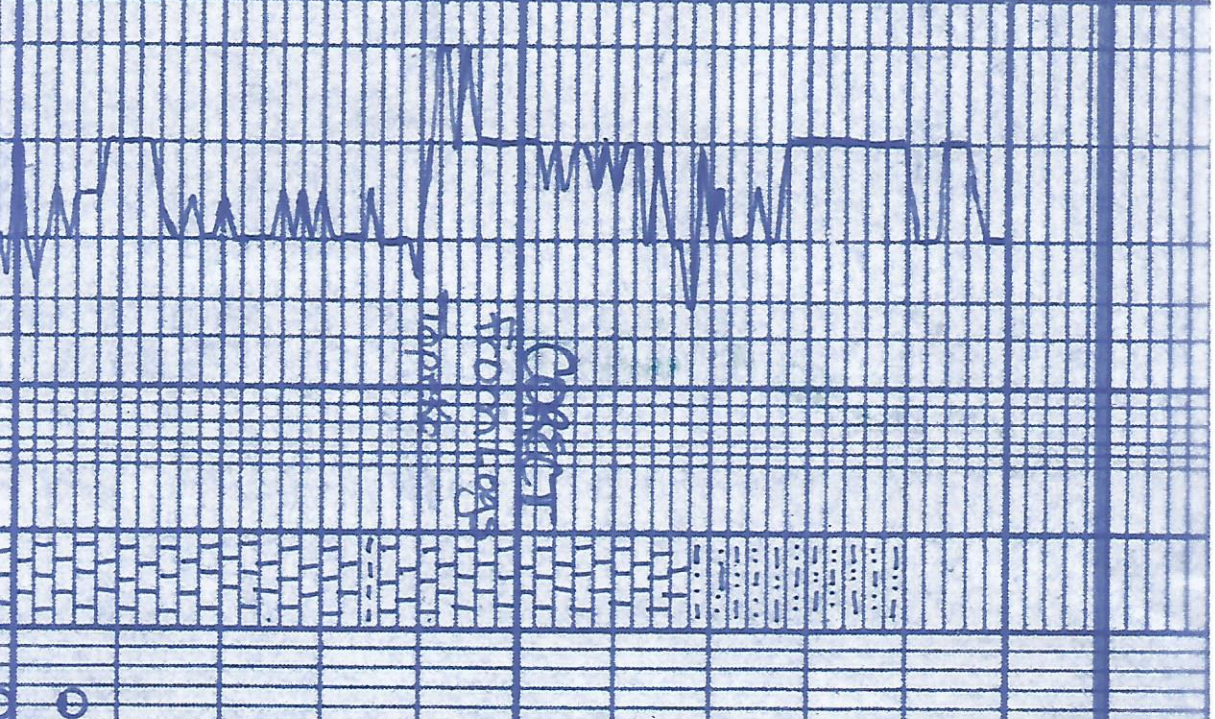


2800

Topek 30  
2831

2900

10  
20  
30  
40  
50  
60  
70  
80  
90



MUD  
WTS 49  
Lobs

Geo on location  
@ 3:00 PM  
6-25-15

sh + siltst - gray - brn - red. green

ls off wh - gray fndn silt sh

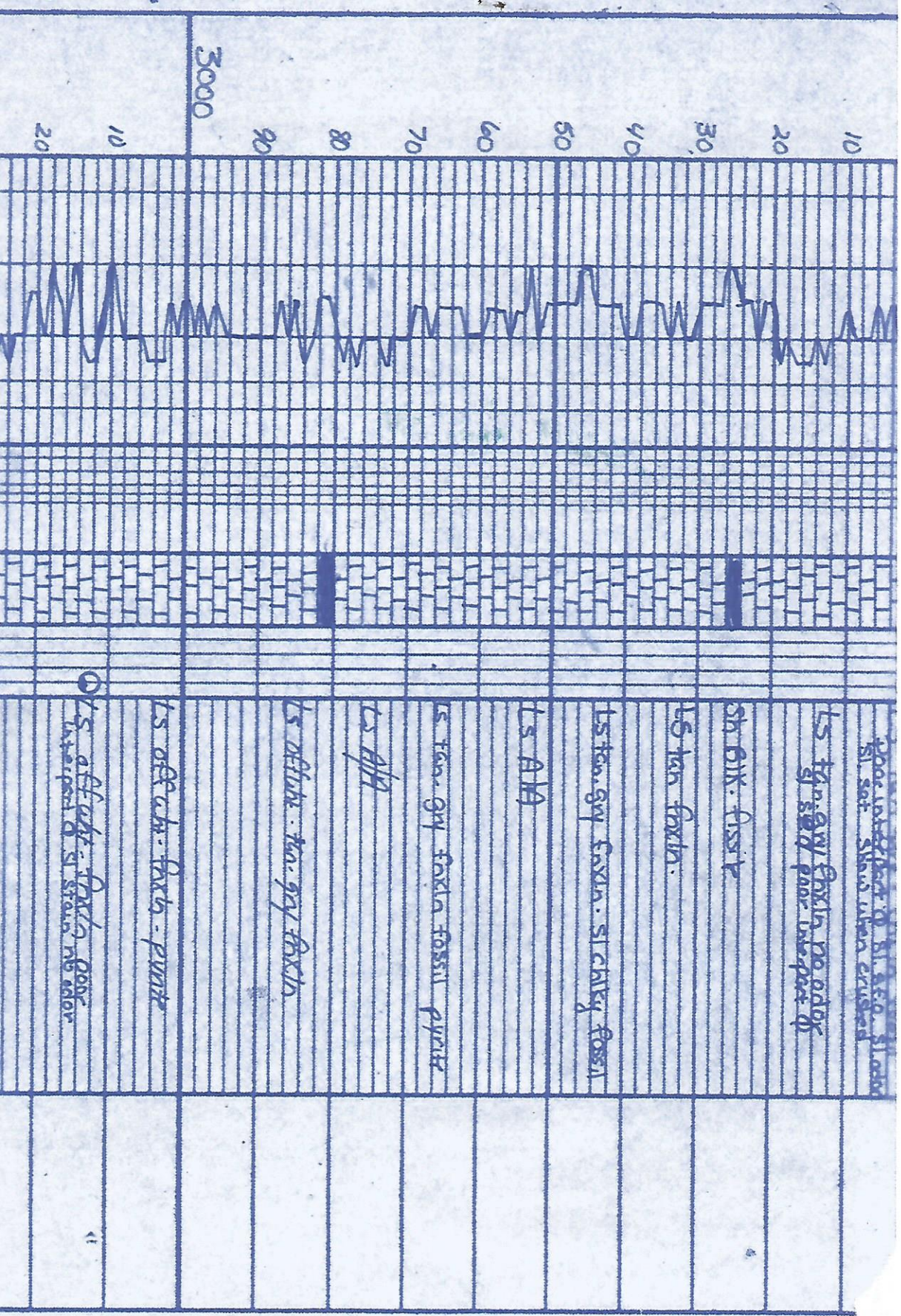
ls off wh - gray fndn fossil  
pyrite

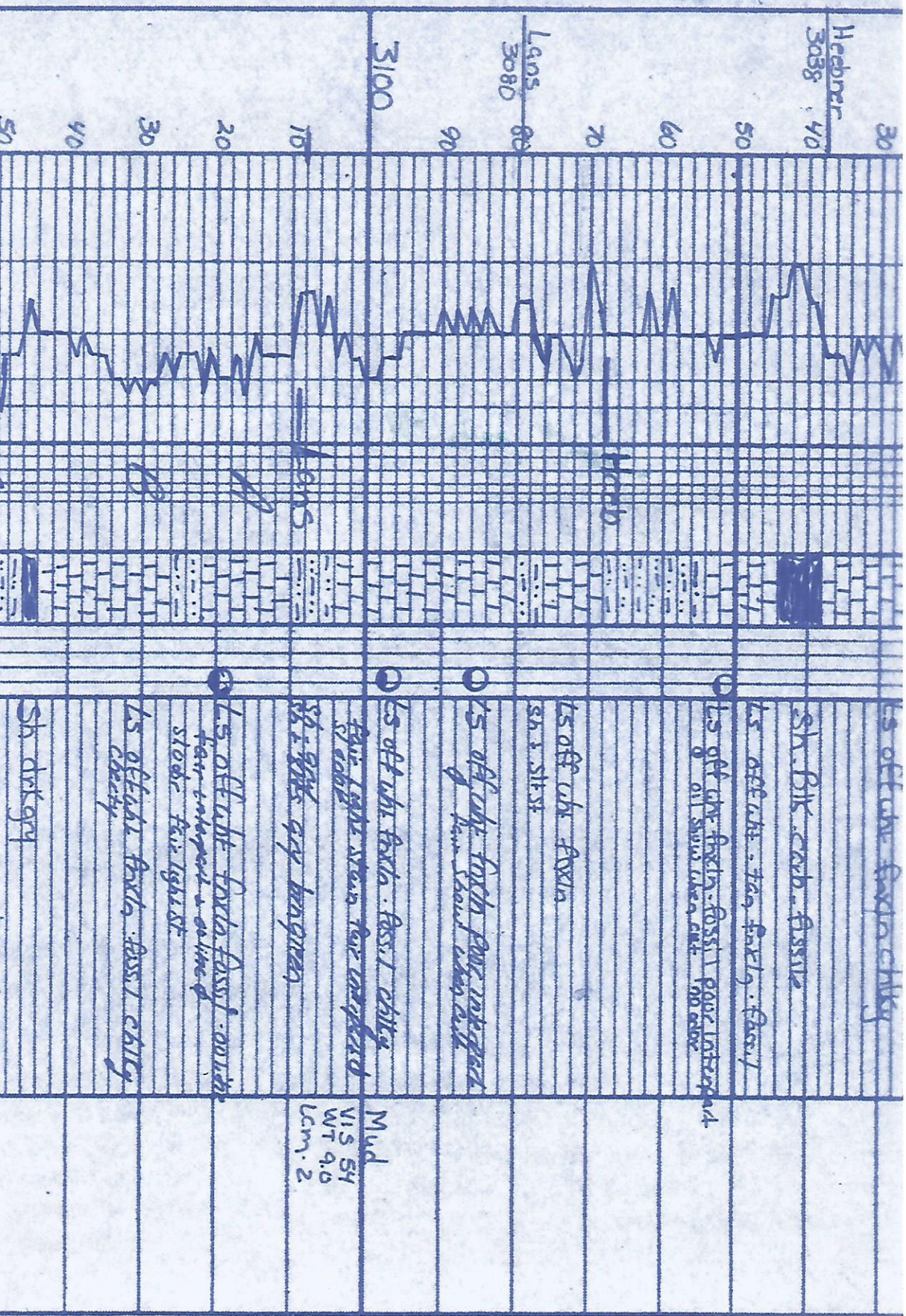
ls - tan fndn

sh dark gray

ls off wh - tan. gray fndn  
fossil pyrite

① ls tan - gray fndn silt sh  
St. cherty  
St. ls. fossiliferous





ES off core Expanding

Sh. Blk. carb. fissile

LS off core - tan, finely. fissile

LS off core fossiliferous - fossiliferous, 190' core

LS off core fossiliferous  
sh. & silty

LS off core fossiliferous, interpart  
from below, clayey

LS off core fossiliferous, cherty  
fine light stone for interpart  
sh. & silty  
sh. & silty grey brown

LS off core fossiliferous, coarse  
fossiliferous & silty  
stone, fine light sh.

LS off core fossiliferous, cherty  
coarse

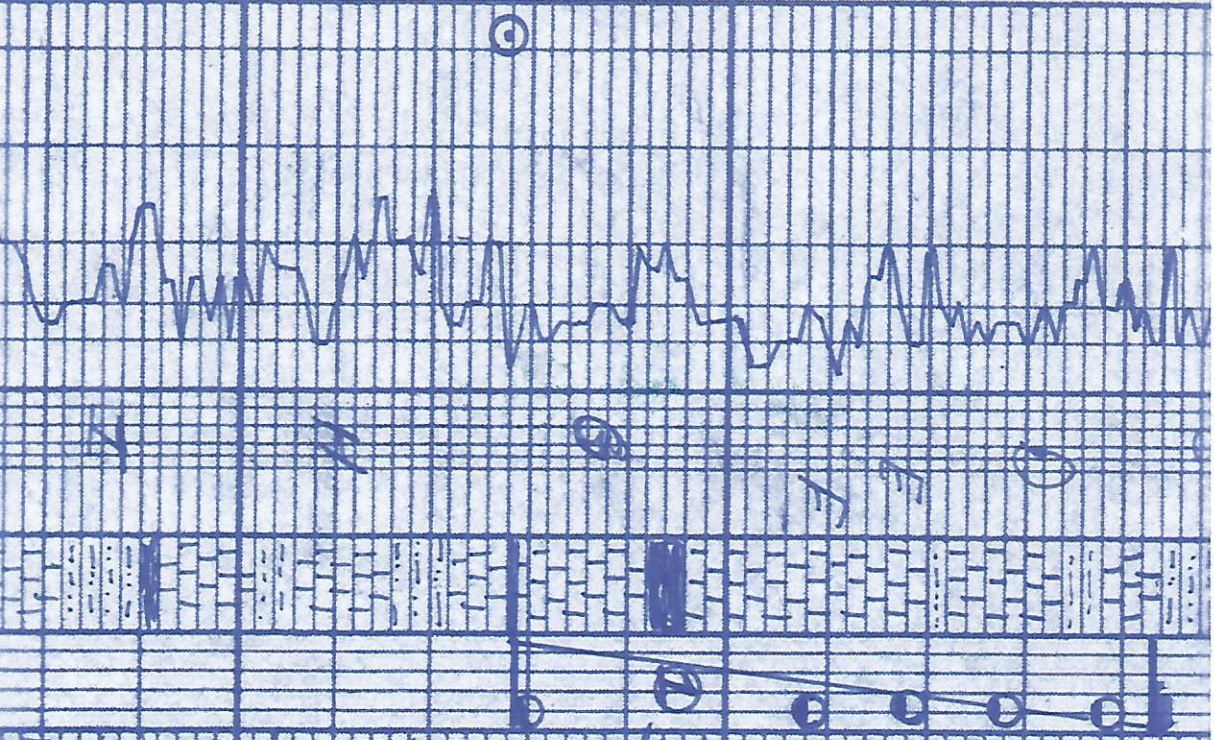
Sh. drk grey

Mud

V.S. 54  
WT 9.0  
Lcm. 2

3200

60  
70  
80  
90  
20  
30  
40  
50  
60  
70



LS off white fxyln. oolitic fossil  
 fair interpart  $\phi$  light stain  
 no odor

LS off white v fxyln. poor interpart  
 $\phi$  shows when crushed no odor

LS off white v fxyln. fxyln. poor  
 interpart  $\phi$  sl. s.  $\phi$  no odor

LS off white fxyln. sl. chcy pyrite  
 fair interpart + v. greyd. S.F.O

LS off white fxyln. fossil  
 sh. dark gray

LS off white fxyln. oolitic fossil  
 fair interpart v. grey  $\phi$  stain of w.  
 sl. odor

sh. sl. st. - grey. red  $\phi$

LS off white. fxyln. - oolitic fossil  
 pyrite sl. odor

sh. - grey. red. - green,

LS off white fxyln. fossil

sh. BIT fossil

sh. sl. st. - grey. red. - green,

LS off white fxyln. oolitic  
 sl. odor

Mud  
 V/S 82  
 W/T 9.1  
 Lcm 2

OST #1  
 3157.3227  
 LXC. E.G  
 5:40:20 -  
 Rec S. 505 m  
 190.011

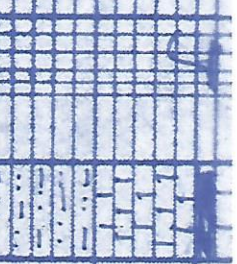
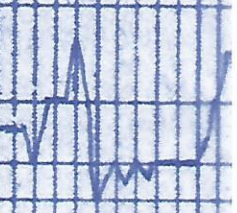
FP 28.28 29 -  
 SIP 634.

Mud  
 V/S 50  
 W/T 9.3



BKC 70 80

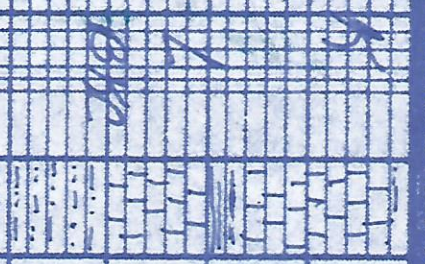
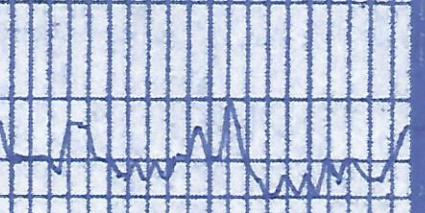
3300



Sh. dk carb  
 LS fine gr. aff. cherty clay no fl  
 sh. s. s. no odor sh. white  
 sh. s. s. s. red gray green

MUD  
 VIS 55  
 WT 9.2  
 LCM .1

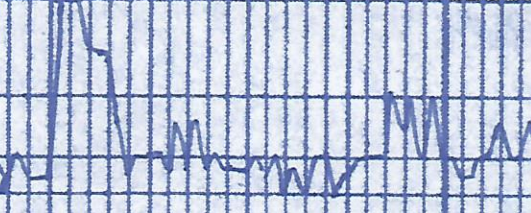
10 20 30 40 50 60 70



LS off. fine. fine cherty  
 no odor pale inter. part of sh. s. s. f. n.  
 sh. gray. red. dk. gray  
 LS soft. fine. lighter gray. shaly  
 fossil.  
 sh. s. s. s. gray. red. green. cherty  
 gray. sh. s. s. s. gray. red. green  
 gray. sh. s. s. s. cherty

MUD  
 VIS 55  
 WT 9.2  
 LCM .1

3382 90



LS off. white. fine. cherty. reddish  
 good inter. part of sh. s. s. f. n.  
 sh. s. s. s. gray. red. green  
 cherty  
 Dk. sh. s. s. s. inter. part. very b  
 s. s. s. no odor

MUD  
 VIS 55  
 WT 9.2  
 LCM .1

3500

10  
20  
30  
40  
50  
60  
70  
80  
90

7:00  
5:15 A.M. 6

22.13



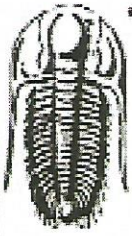
Mud



Do westward change of  
sh. first gy. br. red. gray

Do westward change of  
sh. & first gy. br. red. gray

Mud  
VIS 99  
WT 94  
LCM 1



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Staab Oil Company

**03-8s-18w Rooks,KS**

1607 Hopewell Rd.  
Hays KS. 67601

**Gisela Northeast # 1**

Job Ticket: 53757

**DST#: 1**

ATTN: Janel Staab

Test Start: 2015.06.26 @ 10:48:00

## GENERAL INFORMATION:

Formation: **LKC E-G**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:47:38  
 Time Test Ended: 15:35:23  
 Interval: **3157.00 ft (KB) To 3222.00 ft (KB) (TVD)**  
 Total Depth: 3222.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Bob Hamel  
 Unit No: 72  
 Reference Elevations: 1930.00 ft (KB)  
 1925.00 ft (CF)  
 KB to GR/CF: 5.00 ft

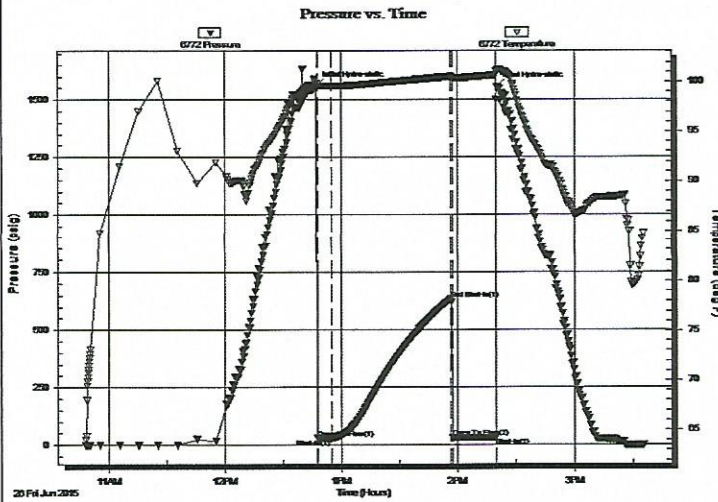
## Serial #: 6772

Inside

Press@RunDepth: 27.96 psig @ 3193.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.06.26 End Date: 2015.06.26 Last Calib.: 2015.06.26  
 Start Time: 10:48:05 End Time: 15:35:22 Time On Btm: 2015.06.26 @ 12:47:08  
 Time Off Btm: 2015.06.26 @ 14:20:08

TEST COMMENT: I.F. - 5 - Weak surface blow throughout  
 I.S.I. - 60 - No blow back  
 F.F. - 20 - No blow pulled test at 20 min  
 F.S.I. - N/A

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1561.03	99.84	Initial Hydro-static
1	27.58	99.41	Open To Flow (1)
8	27.96	99.59	Shut-In(1)
70	634.05	100.52	End Shut-In(1)
71	29.42	100.40	Open To Flow (2)
93	30.80	100.66	Shut-In(2)
93	1556.21	101.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	VSOCM 1%O 99%M	0.04

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)