KOLAR Document ID: 1437466

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 35032
Name: K3 Oil & Gas Operating Company
Address 1: 24900 PITKIN RD SUITE 305
Address 2:
City: THE WOODLANDS State: TX Zip: 77386 + 1973
Contact Person: John Rigas
Phone: (832) 813-8496
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Randy Say
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☐ Gas ☑ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

01/21/2019	01/30/2019	01/31/2019
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-191-22811-00-00
Spot Description:
SW - SE - NE - NW Sec. 14 Twp. 30 S. R. 1 ☑ East ☐ West
1025 Feet from ☑ North / ☐ South Line of Section
2285 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Sumner
Lease Name: SUMPTER Well #: 3-14
Field Name:
Producing Formation: N/a
Elevation: Ground: 1216 Kelly Bushing: 1221
Total Vertical Depth: 3750 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 513 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: 2200 ppm Fluid volume: 500 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: K3 Oil & Gas Operating
Lease Name: Schlichting License #: 35032
Quarter SE Sec. 8 Twp. 32 S. R. 1 ☑ East ☐ West
County: Sumner Permit #: D31056.0

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: 02/12/2019
☐ **Confidential Release Date:** 02/11/2021
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 02/13/2019

Operator Name: K3 Oil & Gas Operating Company Lease Name: SUMPTER Well #: 3-14

Sec. 14 Twp. 30 S. R. 1 ☑ East ☐ West County: Sumner

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run: Attached

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

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
Conductor	13.375	12.50	48	62	common	320	3%cc, 2% gel
Surface	8.625	7.875	23	513	175 A-Serv 120 60/40 Poz	295	175 A-Serv 120 60/40 Poz

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	SUMPTER 3-14
Doc ID	1437466

All Electric Logs Run

Annular Hole Volume
Micro Log
Spectral Density Dual Spaced Neutron
Resistivity

Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	SUMPTER 3-14
Doc ID	1437466

Tops

Name	Top	Datum
Topeka	1668	-447
Heebner	2073	-852
LKC	2685	-1464
Marm	2999	-1778
Miss	3212	-1991
Kinderhook	3538	-2317
Simpson	3606	-2385
Arbuckle	3670	-2449

Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	SUMPTER 3-14
Doc ID	1437466

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	13.375	12.50	48	62	common	320	3%cc, 2% gel
Surface	8.625	7.875	23	513	175 A-Serv 120 60/40 Poz	295	175 A-Serv 120 60/40 Poz

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	**Sumpter No.3-14**
API:	**15-191-22811**
Location:	**SW SE NE NW Sec.14-T30S-R1E, Sumner Co, KS**
License Number:	**Region:**
Spud Date:	**1/21/19** **Drilling Completed: 1/29/19**
Surface Coordinates:	**1025'FNL 2285'FWL**
	Latitude 37.447551520 / Longitude -97.286905276
Bottom Hole Coordinates:	
Ground Elevation (ft):	**1216** **K.B. Elevation (ft): 1221**
Logged Interval (ft):	**3100 To: 3750 Total Depth (ft): 3750**
Formation:	**Mississippian, Simpson, Arbuckle**
Type of Drilling Fluid:	**Chemical**

OPERATOR

Company: **K3 Oil and Gas Operating Company**
Address: **24900 Pitkin Road, Ste. 305**
The Woodlands, TX 77386
832-813-8558

GEOLOGIST

Name: **Randy Say**
Company: **RSay Enterprises**
Address: **13524 W. 67th Way**
Arvada, CO 80004
303-940-8751

Casing/ Data

18.125" Conductor Pipe set @ 66
8.625" Surface Casing set at 513

Logging Program
Halliburton Energy Services

Logs	**Interval**
Array Compensated True Resistivity	
Spectral Density Dual Spaced Neutron	
Microlog	
BHC-Sonic	
Annular Hole Volume	

DSTs

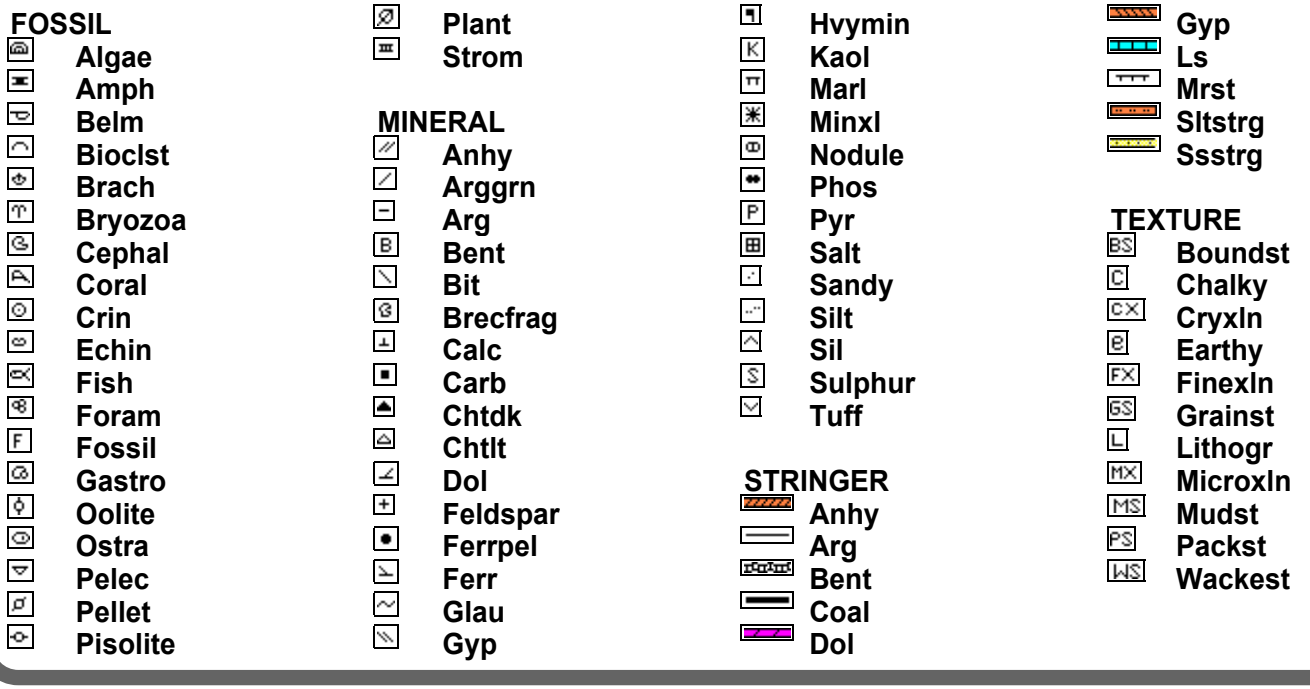
DST No.1 3200-3250(50)'; Conventional Miss Test; Successful
IO: 5 min; Open weak blow building to 2"
ISI: 30 min; No blow back
FO: 45 min; Weak blow building to 2"
FSI: 60 min; No blow back
REC: Total Recovery 25' OCM [10% Oil/90% Mud]; BHT=99F
Sampler: Total Recovery 55cc OCM [12% Oil/88% Mud]
IHP 1546; IFP 23-24; ISIP 227; FFP 23-34; FSIP 289; FHP 1513

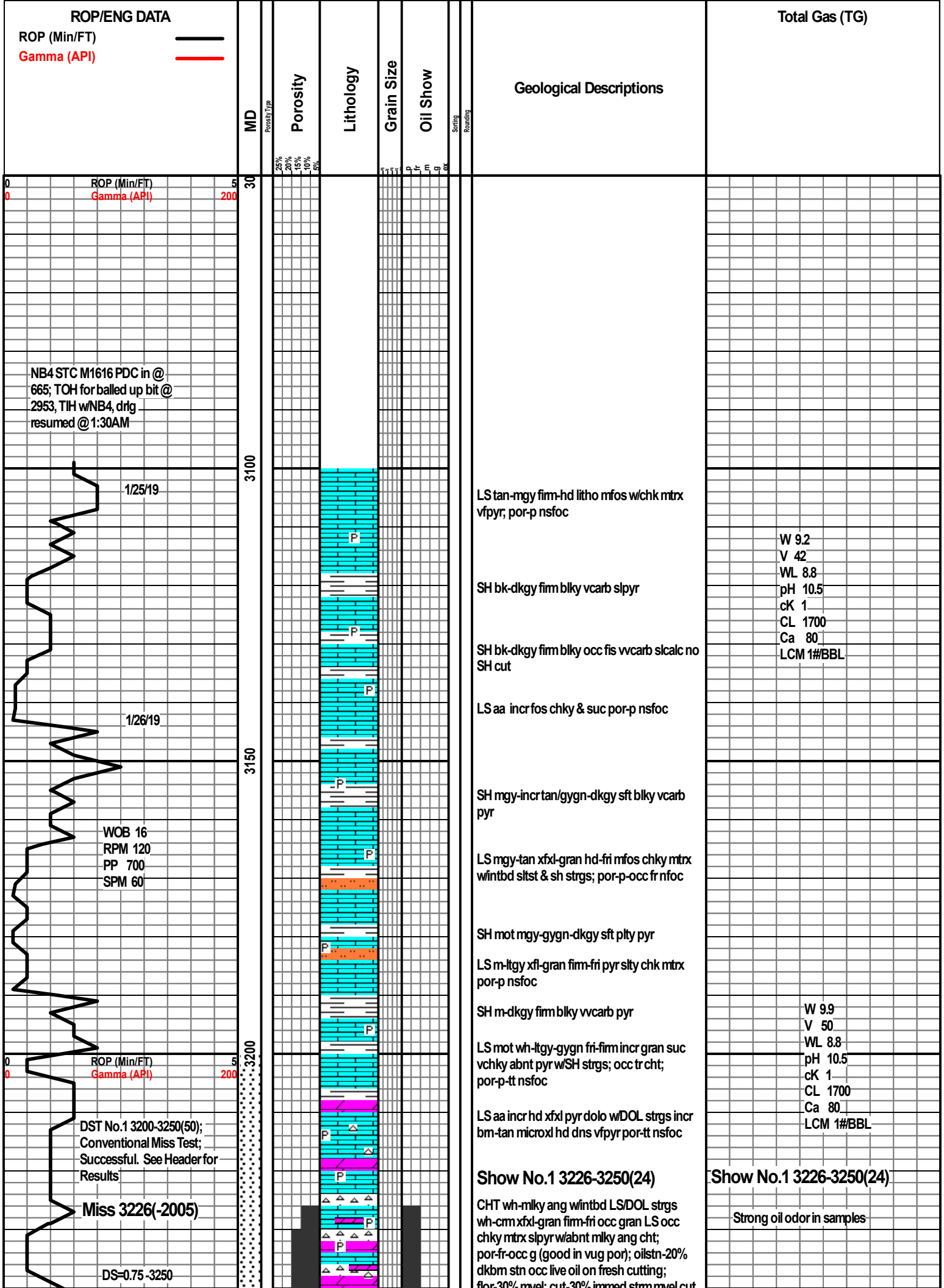
DST No.2 3592-3638(46)'; Conventional Simpson Test; Successful
IO: 5 min; Open with weak 1" blow
ISI: 30 min; No blow back
FO: 45 min; Open with weak 0.5" blow
FSI: 60 min; No blow back
REC: Total Recovery 10 OCM [2% oil/98% mud] BHT=107F
Sampler: Total Recovery 5cc [100% mud]
IHP 1786; IFP 20-22; ISIP 1094; FFP 22-25; FSIP 1184; FHP 1771

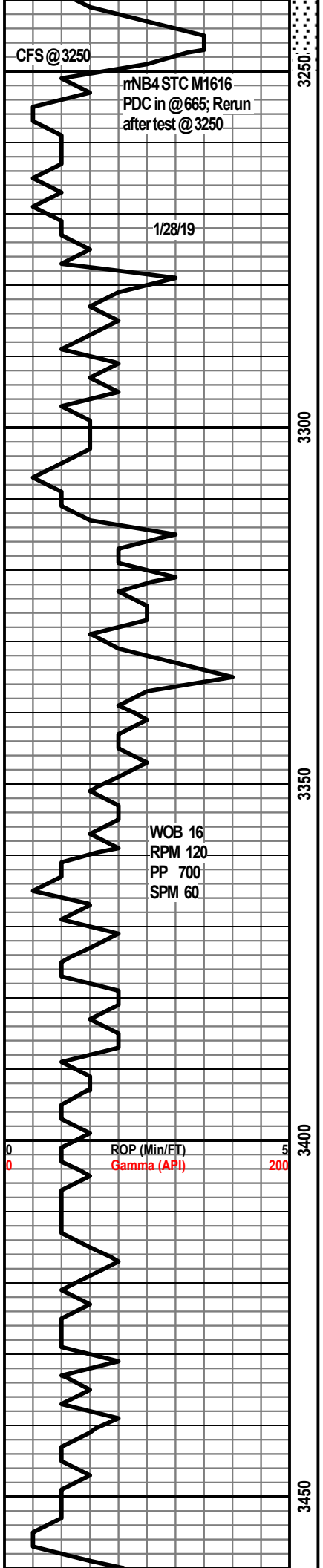
Comments

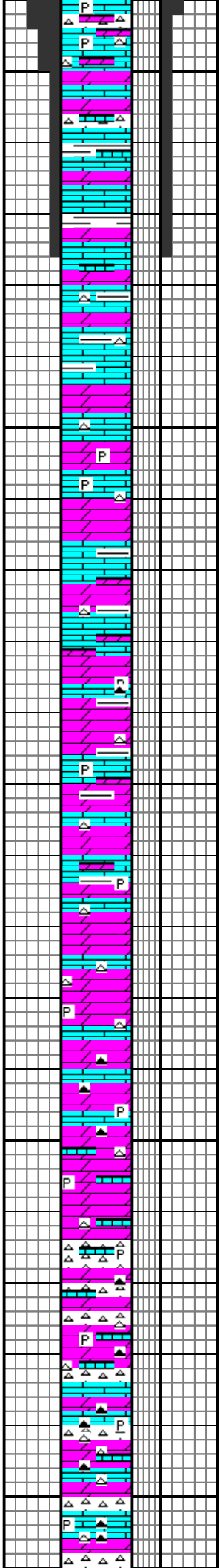
ROCK TYPES

ACCESSORIES




ROP/ENG DATA
ROP (Min/FT)
Gamma (API)
MD
Porosity Type
Porosity
25%
20%
15%
10%
5%
Lithology
Grain Size
Oil Show
Sorting
Rounding
Geological Descriptions
Total Gas (TG)
0
ROP (Min/FT)
5
0
Gamma (API)
200
30
NB4 STC M1616 PDC in @ 665; TOH for balled up bit @ 2953, TIH w/NB4, drlg resumed @1:30AM
3100
1/25/19
LS tan-mgy firm-hd litho mfos w/chk mtrx vfpyr; por-p nsfoc
W 9.2
V 42
WL 8.8
pH 10.5
cK 1
CL 1700
Ca 80
LCM 1#/BBL
SH bk-dkgy firm blky vcarb slpyr
SH bk-dkgy firm blky occ fis vvcarb slcalc no SH cut
1/26/19
LS aa incr fos chky & suc por-p nsfoc
3150
SH mgy-incr tan/gygn-dkgy sft blky vcarb pyr
WOB 16
RPM 120
PP 700
SPM 60
LS mgy-tan xfxl-gran hd-fri mfos chky mtrx w/intbd sltst & sh strgs; por-p-occ fr nfoc
SH mot mgy-gygn-dkgy sft plty pyr
LS m-ltgy xfl-gran firm-fri pyr slty chk mtrx por-p nsfoc
SH m-dkgy firm blky vvcarb pyr
W 9.9
V 50
WL 8.8
pH 10.5
cK 1
CL 1700
Ca 80
LCM 1#/BBL
LS mot wh-ltgy-gygn fri-firm incr gran suc vchky abnt pyr w/SH strgs; occ tr cht; por-p-tt nsfoc
3200
0
ROP (Min/FT)
5
0
Gamma (API)
200
LS aa incr hd xfxl pyr dolo w/DOL strgs incr brn-tan microxl hd dns vfpyr por-tt nsfoc
DST No.1 3200-3250(50); Conventional Miss Test; Successful. See Header for Results
Show No.1 3226-3250(24)
Show No.1 3226-3250(24)
Miss 3226(-2005)
CHT wh-mlky ang w/intbd LS/DOL strgs wh-crm xfxl-gran firm-fri occ gran LS occ chky mtrx slpyr w/abnt mlky ang cht; por-fr-occ g (good in vug por); oilstn-20% dkbrn stn occ live oil on fresh cutting; flor-30% mvel; cut-30% immed strm mvel cut
Strong oil odor in samples
DS=0.75 -3250





flor-30 % mlyel, cut-30 % immed strm mlyel cut, strm briyel when cutting are crushed; res-lttan live oil in dish immed after cut, leaving an oil ring when dry

Show No.2 3250-3276(26)

DOL/LS strgs tan-wh xfxl-gran suc w/bm sh strgs; por-fr-tt; oilstn-none; flor-tr ltyel; cut-tr slow mlky diffuse cut; res-none

LS/DOL strgs intbd w/mlky CHT; por-tt; oilstn-none; flor-tr ltyel; cut-tr slow mlky diffuse cut; res-pale yel flor res

LS/DOL strgs m-dkgy xfxl-gran fri-occ dn w/cht strg w/tr of wh frac filling calc; por-p-tt nsfoc

decr amt cht

DOL bm-tan microxl-occ gran vhd dns-occ fri suc vfpyr w/intbd LS gy & sh stgs; por-tt nsfoc

DOL aa incr xfxl firm-hd pyr occ shly w/intbd tan LS stgs; DOL por-tt nsfoc

DOL tan-mot bm/tan xfxl firm w/intbd SH strgs; pyr; por-tt-p nsfoc

DOL tan-bm xfxl-gran hd dns-firm w/intb LS strgs; occ SH; por-p-tt nsfoc

tr pyr & cht

DOL mot tan-bm xfxl hd dns-firm suc w/intb LS strgs; tr pyr; por-tt nsfoc

tr CHT tan vang w/tr pyr

DOL tan-gy xfxl-occ gran hd dns-firm slpyr abnt tan cht occ shly; por-tt nsfoc

CHT tan-dkgy vang intbd w/in DOL& LS aa; por-tt nsfoc

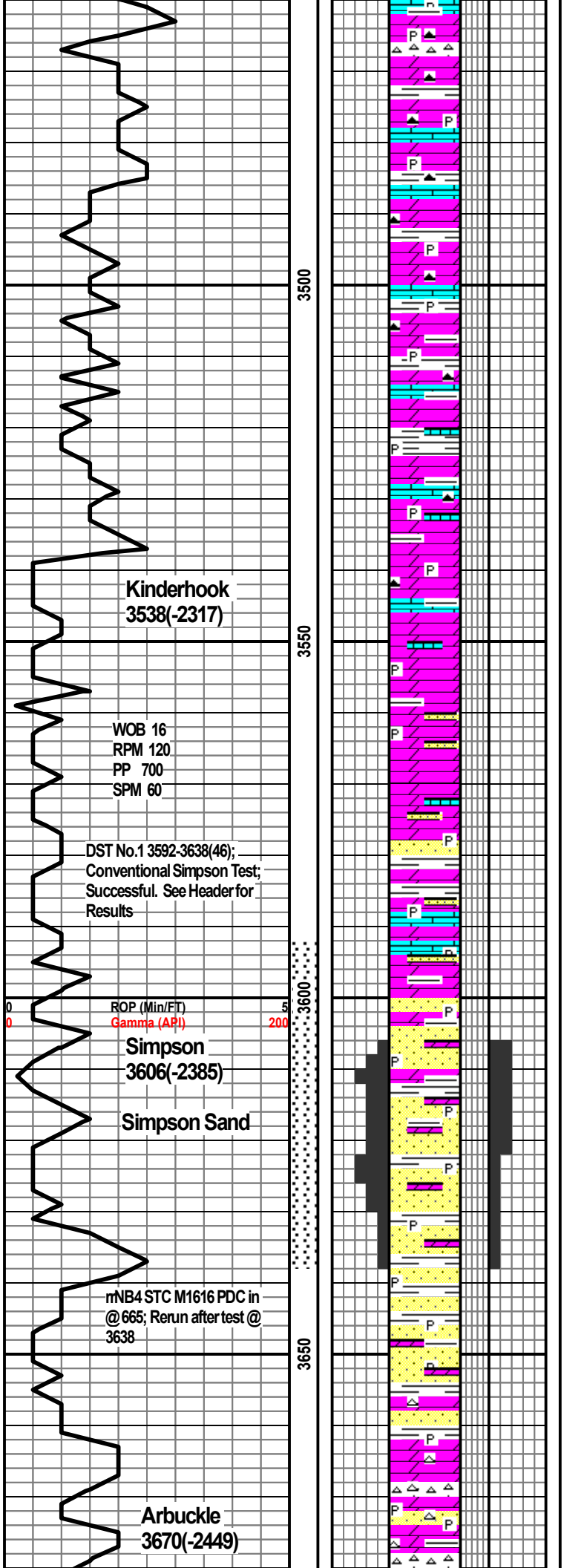
SH gybm sft plty carb as thin strgs

LS wh-tan xfxl-litho fri slty w/DOL tn microxl hd dns & strgs tan CHT; DOL por-p-tt nsfoc

DOL mot tan-bm xfxl- incr gran hd-firm occ suc slpyr; por-p-tt nsfoc w/intbd LS strgs

Show No.2 3250-3276(26)

Continued from Base Miss



SH mgy-gygn sft blky varg

DOL mot tan-brn xfxl-gran & suc hd-fri slpyr por-p-occ fr; nsfoc

LS tan-brn xfxl pyr

DOL tan-dkgy microxl hd dns occ tr sh strgs gy sft arg w/pyr; DOL por-tt

SH gygn-dkgy sft carb plty

DOL aa decr chty occ gn w/intbd SH strgs; DOL por-tt nsfoc

SH mgy-gygn sft blky varg

DOL mgy-brn xfxl occ gm hd-firm vfpyr cht decr to tr w/no sh strgs; por-tt nsfoc

DOL mot tan-brn xfxl- incr gran hd-firm occ suc slpyr; por-p-tt nsfoc

DOL mot tan-brn xfxl-gran & suc hd-fri slpyr por-p-occ fr; nsfoc

DOL por-tt nsfoc; occ sdy strgs incr to SS wh vfg por-tt nsfoc

DOL tan-brn microxl-occ gran vhd dns-fri occ suc text arg; por-tt nsfoc w/SH m-dkgy sft plty carb

SH bk-dkgy sft carb

SS wh-tan firm-occ fri m-fg sbrd msrt calc cmted; occ scat pyr w/intbd bk-dkgy SH strgs; por-p-occ fr; nsfoc

Show No.2 3606-3638(32)

SS wh-ltgy firm-vfri f-mg sbrd mwsrt; calc cmted; occ vfri-uncon clus(mg grs); mtrx arg; w/thin bk sh strgs; por-fr-g(decr to poor when tt cmted); oilstn-tr spotted bk oilstn; flor-20% briyel; cut-20% myel strm cut to slow mlky cut on cmted clus; res-myel flor res in dish, with very lttan oil ring after cut; Show decr at base to tr cut- slow mlky diffuse

SS aa mg sbrd wsrt calc cmted; incr w/dolo strgs; decr por-p nsfoc w/intbd SH dk-mgy-gygn firm fis

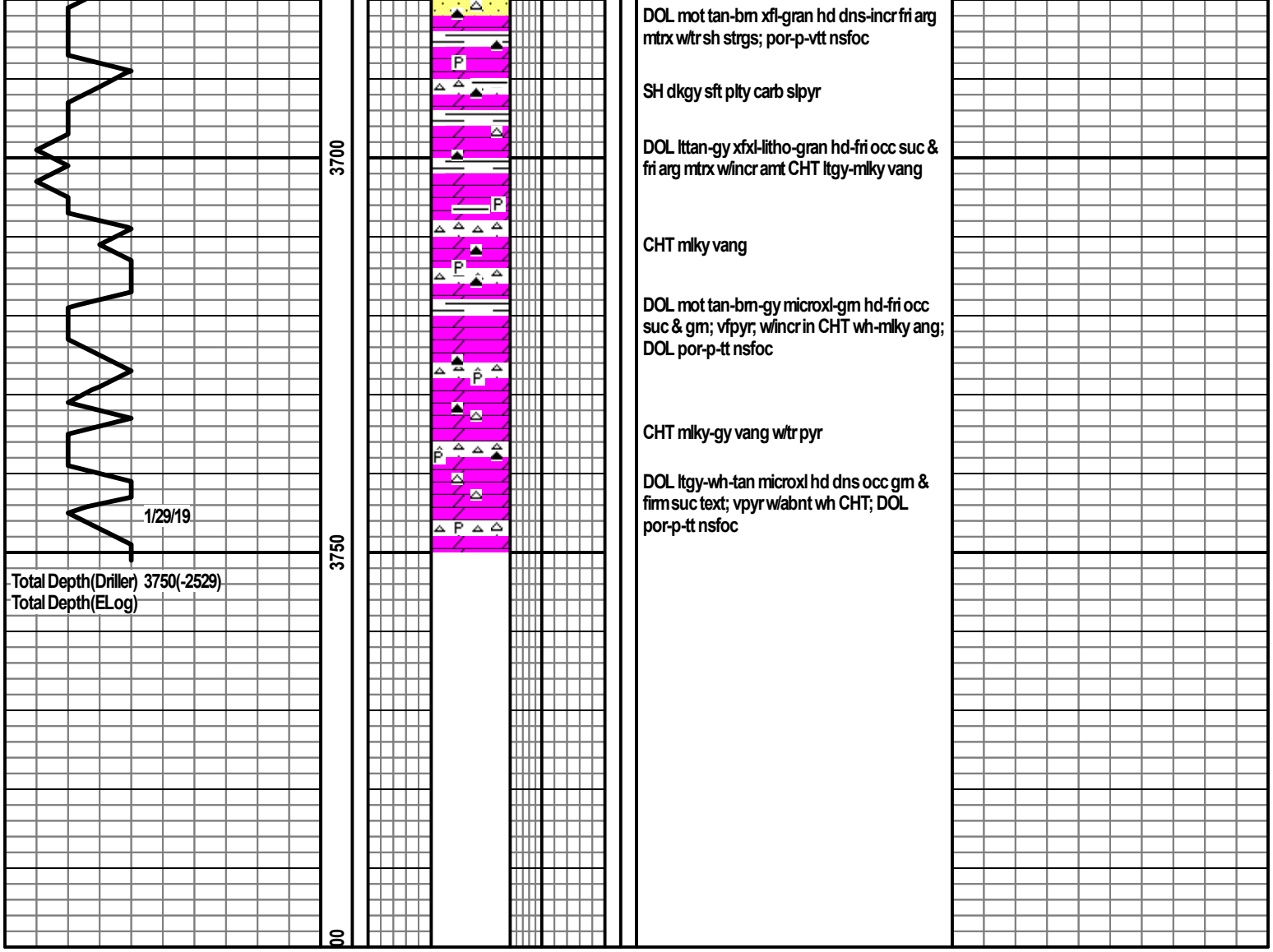
DOL tan-brn microxl-gran & suc hd dns-fri suc text arg mtrx w/incr abnt gy ang CHT & SH m-dkgy sft plty carb

incr in CHT ltgy-wh ang mot

SS strgs ltgy firm calc cmtec por-tt nsfoc

Show No.2 3606-3638(32)

W 9.5
V 47
WL 7.2
pH 10.5
cK 1
CL 2200
Ca 80
LCM 4#/BBL


3700
3750
1/29/19
Total Depth(Driller) 3750(-2529)
Total Depth(ELog)
DOL mot tan-brn xfl-gran hd dns-incr fri arg mtrx w/tr sh strgs; por-p-vtt nsfoc
SH dkgy sft plty carb slpyr
DOL lttan-gy xfxl-litho-gran hd-fri occ suc & fri arg mtrx w/incr amt CHT ltgy-mlky vang
CHT mlky vang
DOL mot tan-brn-gy microxl-grn hd-fri occ suc & grn; vfpyr; w/incr in CHT wh-mlky ang; DOL por-p-tt nsfoc
CHT mlky-gy vang w/tr pyr
DOL ltgy-wh-tan microxl hd dns occ grn & firm suc text; vpyr w/abnt wh CHT; DOL por-p-tt nsfoc

DRILL STEM TEST REPORT

K3 Oil and Gas Operatiing Co.

24900 Pitkin Road
Suite 305
The Woodlands, TX 77386
ATTN: John Rigas/Randy Say

14/30S/1E Sumner, KS

Sumpter #3-14

Job Ticket: 63929 **DST#: 1**

Test Start: 2019.01.27 @ 15:21:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:14:30
Time Test Ended: 21:48:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3200.00 ft (KB) To 3250.00 ft (KB) (TVD)
Total Depth: 3250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

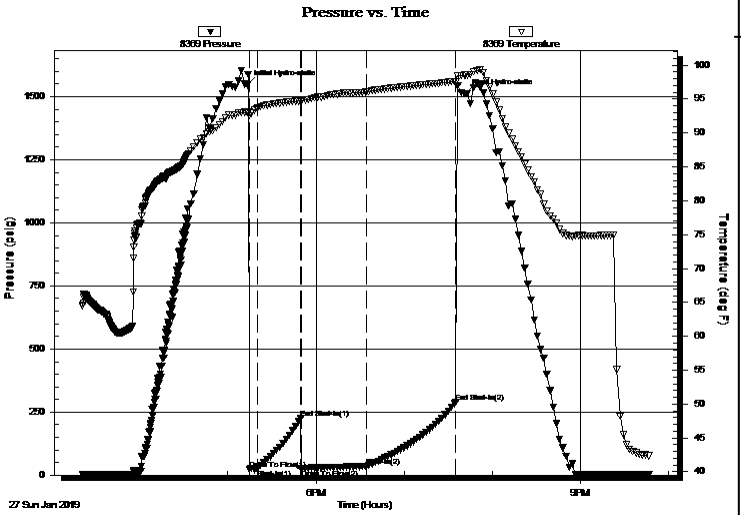
Reference Elevations: 1223.00 ft (KB)
1217.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 34.22 psig @ 3201.00 ft (KB)
Start Date: 2019.01.27 End Date: 2019.01.27
Start Time: 15:21:01 End Time: 21:48:20

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2019.01.27 @ 17:13:10
Time Off Btm: 2019.01.27 @ 19:41:39

TEST COMMENT: IF - Weak blow building to 2 inches initial flow period.
FF - Weak blow building to 2 inches final flow period.
Sample chamber results: 50 ml recovered,160 PSI with 12% oil and 88% mud.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1545.84	93.04	Initial Hydro-static
2	22.95	92.55	Open To Flow (1)
7	23.90	93.61	Shut-In(1)
37	226.57	94.73	End Shut-In(1)
37	22.96	94.67	Open To Flow (2)
82	34.22	96.08	Shut-In(2)
142	288.58	97.61	End Shut-In(2)
149	1512.67	98.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Oil cut mud 10% O & 90% M	0.12

Gas Rates

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

DRILL STEM TEST REPORT

K3 Oil and Gas Operatiing Co.

24900 Pitkin Road
Suite 305
The Woodlands, TX 77386
ATTN: John Rigas/Randy Say

14/30S/1E Sumner, KS

Sumpter #3-14

Job Ticket: 63929 **DST#: 1**

Test Start: 2019.01.27 @ 15:21:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:14:30
Time Test Ended: 21:48:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3200.00 ft (KB) To 3250.00 ft (KB) (TVD)
Total Depth: 3250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

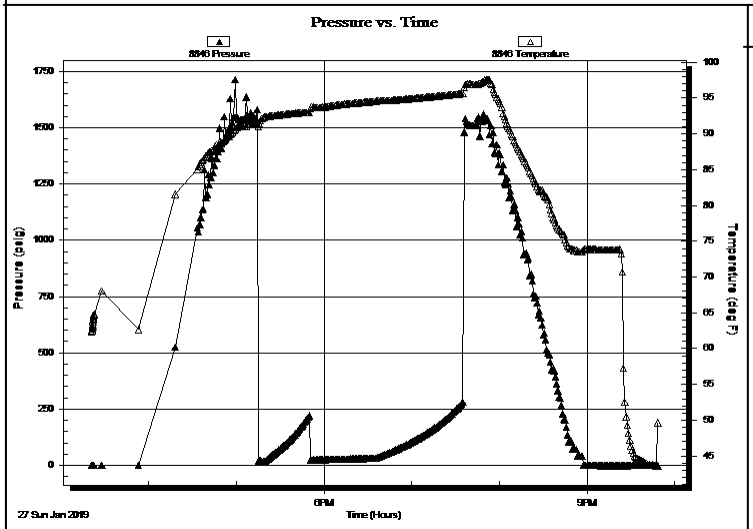
Reference Elevations: 1223.00 ft (KB)
1217.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8846 **Inside**

Press@RunDepth: psig @ 3201.00 ft (KB)
Start Date: 2019.01.27 End Date: 2019.01.27
Start Time: 15:21:01 End Time: 21:48:40

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF - Weak blow building to 2 inches initial flow period.
FF - Weak blow building to 2 inches final flow period.
Sample chamber results: 50 ml recovered,160 PSI with 12% oil and 88% mud.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Oil cut mud 10% O & 90% M	0.12

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil and Gas Operatiing Co.

24900 Pitkin Road
Suite 305
The Woodlands, TX 77386

ATTN: John Rigas/Randy Say

14/30S/1E Sumner, KS

Sumpter #3-14

Job Ticket: 63929 **DST#: 1**

Test Start: 2019.01.27 @ 15:21:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Oil cut mud 10% O & 90% M	0.123

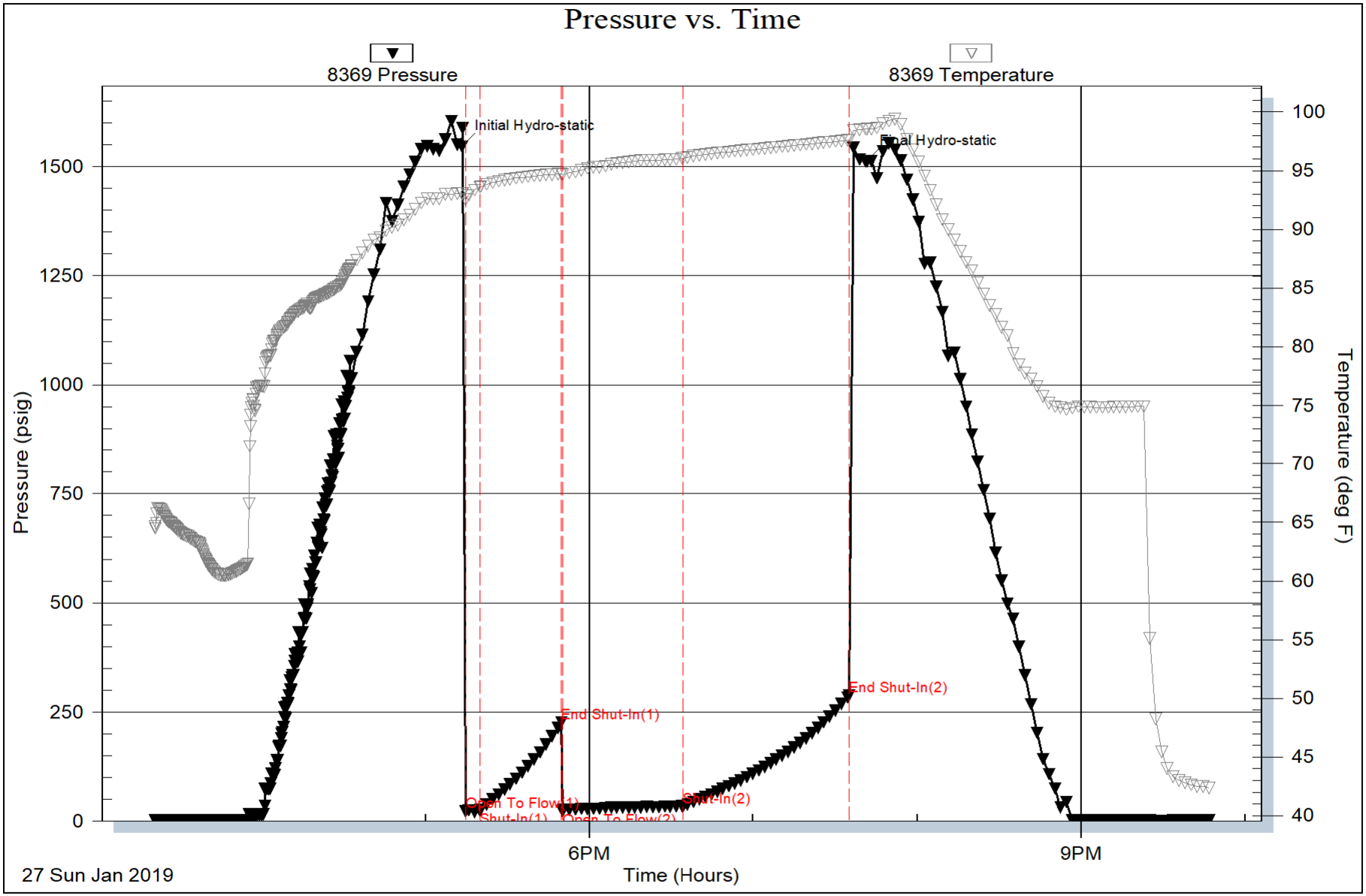
Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

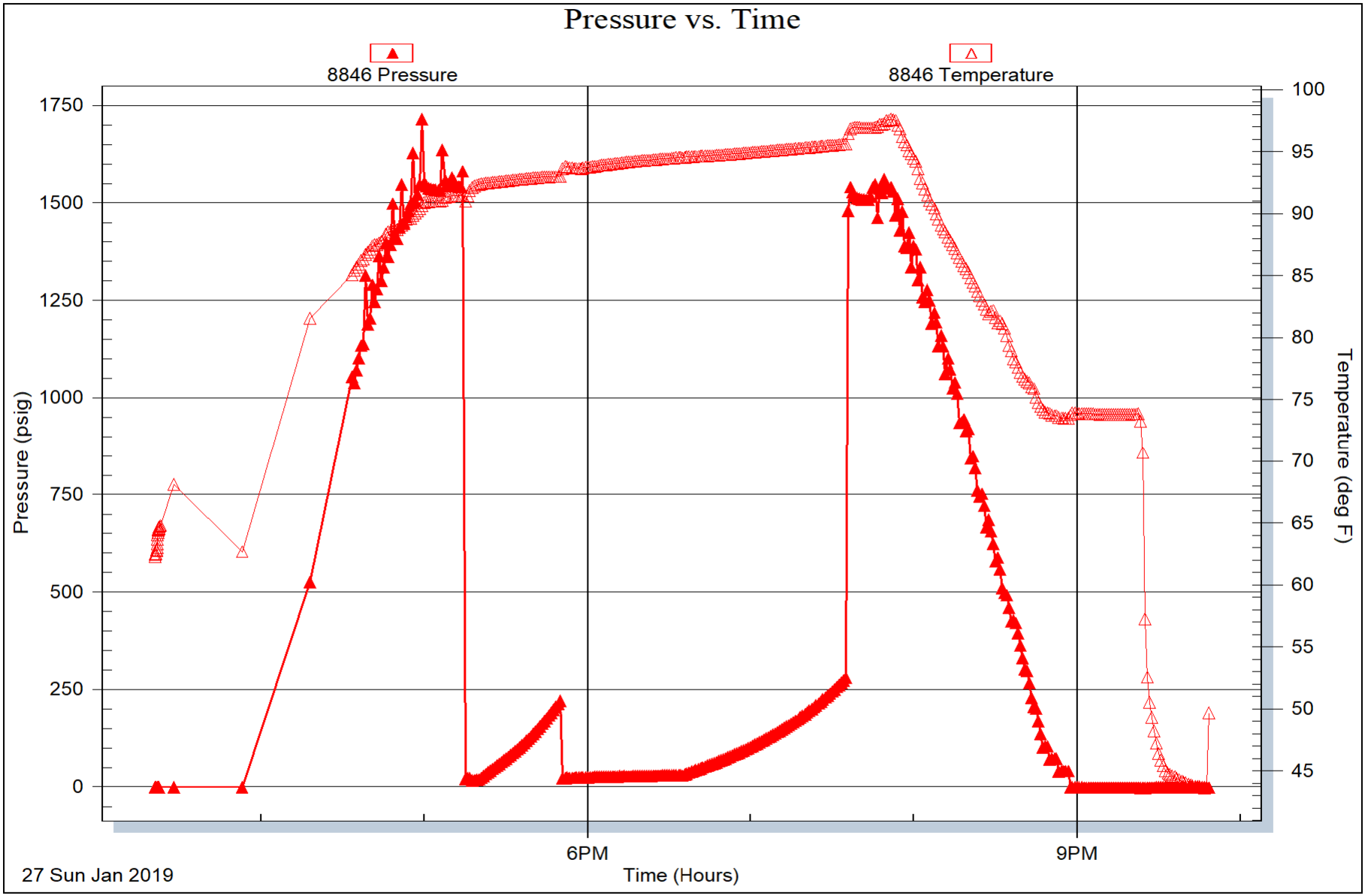
Recovery Comments:

Serial #: 8369 **Outside** K3 Oil and Gas Operatiing Co. Sumpter #3-14 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 63929 Printed: 2019.01.27 @ 22:28:34

Serial #: 8846 **Inside** K3 Oil and Gas Operatiing Co. Sumpter #3-14 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 63929 Printed: 2019.01.27 @ 22:28:34

DRILL STEM TEST REPORT

K3 Oil and Gas Operatiing Co.

24900 Pitkin Road
Suite 305
The Woodlands, TX 77386
ATTN: John Rigas/Randy Say

14/30S/1E Sumner, KS

Sumpter #3-14

Job Ticket: 63930 **DST#: 2**

Test Start: 2019.01.28 @ 17:02:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:00:40
Time Test Ended: 23:36:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3592.00 ft (KB) To 3638.00 ft (KB) (TVD)
Total Depth: 3638.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

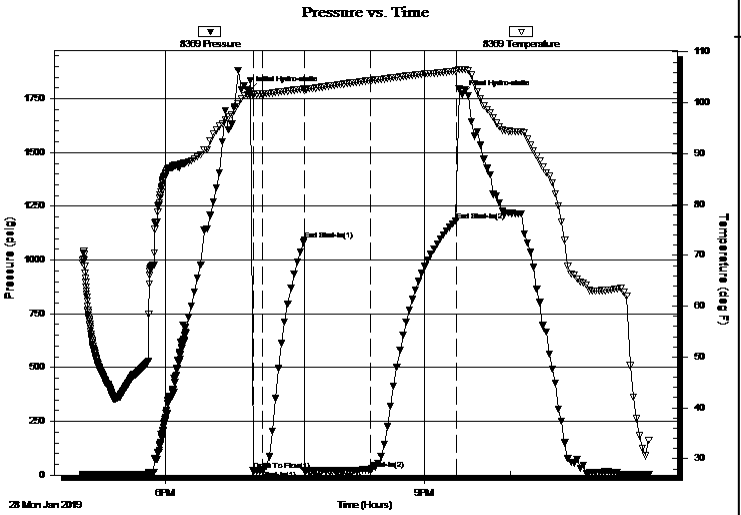
Reference Elevations: 1223.00 ft (KB)
1217.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 24.83 psig @ 3593.00 ft (KB)
Start Date: 2019.01.28 End Date: 2019.01.28
Start Time: 17:02:01 End Time: 23:36:20

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2019.01.28 @ 18:58:00
Time Off Btm: 2019.01.28 @ 21:26:30

TEST COMMENT: IF - Weak blow building to 1 inch during initial flow period.
FF - Weak blow building to 1/2 inch during final flow period.
Sample chamber results: 5 ml of mud recovered and 20 PSI.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.89	101.56	Initial Hydro-static
3	20.24	101.48	Open To Flow (1)
9	21.62	101.72	Shut-In(1)
39	1093.75	102.74	End Shut-In(1)
39	21.57	102.41	Open To Flow (2)
85	24.83	104.34	Shut-In(2)
145	1184.05	106.21	End Shut-In(2)
149	1770.98	106.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil cut mud 2% O & 98% M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

K3 Oil and Gas Operatiing Co.

24900 Pitkin Road
Suite 305
The Woodlands, TX 77386
ATTN: John Rigas/Randy Say

14/30S/1E Sumner, KS

Sumpter #3-14

Job Ticket: 63930 **DST#: 2**

Test Start: 2019.01.28 @ 17:02:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:00:40
Time Test Ended: 23:36:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3592.00 ft (KB) To 3638.00 ft (KB) (TVD)
Total Depth: 3638.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

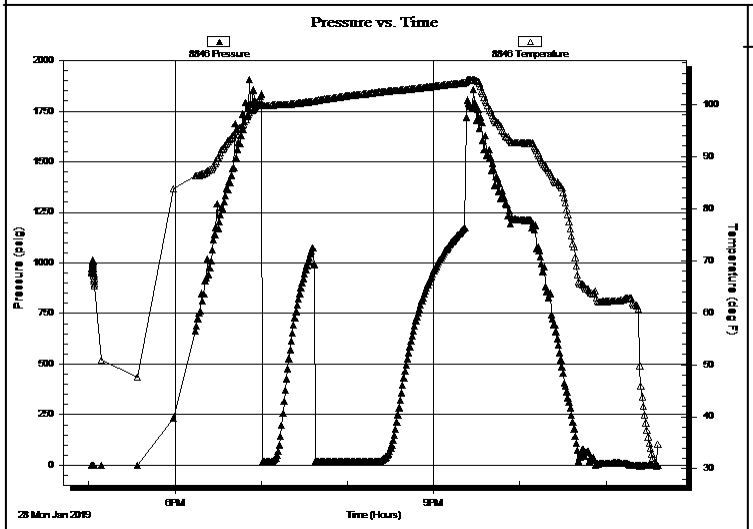
Reference Elevations: 1223.00 ft (KB)
1217.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8846 **Inside**

Press@RunDepth: psig @ 3593.00 ft (KB)
Start Date: 2019.01.28 End Date: 2019.01.28
Start Time: 17:02:01 End Time: 23:36:40

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF - Weak blow building to 1 inch during initial flow period.
FF - Weak blow building to 1/2 inch during final flow period.
Sample chamber results: 5 ml of mud recovered and 20 PSI.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil cut mud 2% O & 98% M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil and Gas Operatiing Co.

24900 Pitkin Road
Suite 305
The Woodlands, TX 77386

ATTN: John Rigas/Randy Say

14/30S/1E Sumner, KS

Sumpter #3-14

Job Ticket: 63930 **DST#: 2**

Test Start: 2019.01.28 @ 17:02:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2200.00 ppm				
Filter Cake:	inches				

Recovery Information

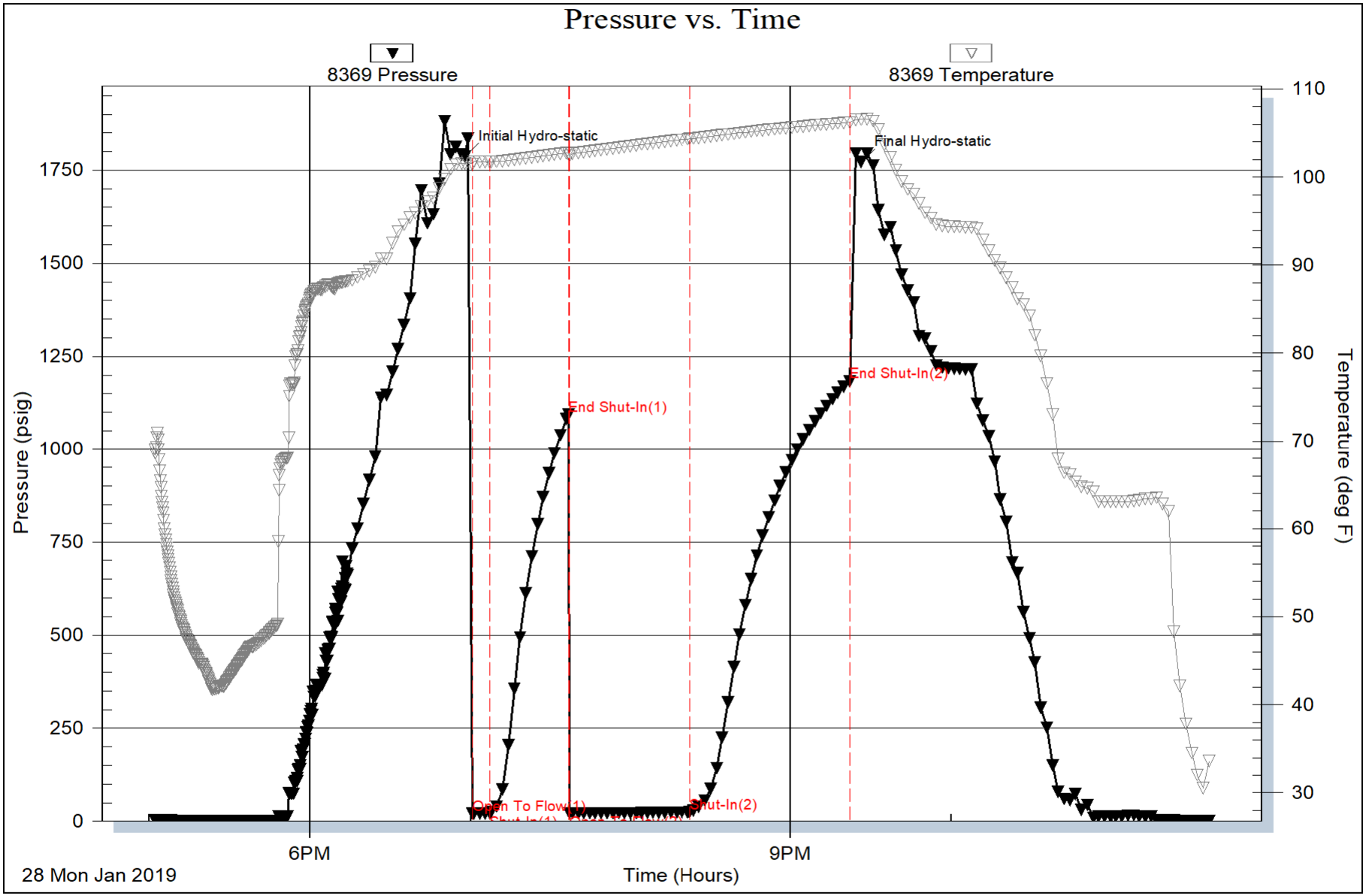
Recovery Table

Length ft	Description	Volume bbl
10.00	Oil cut mud 2% O & 98% M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

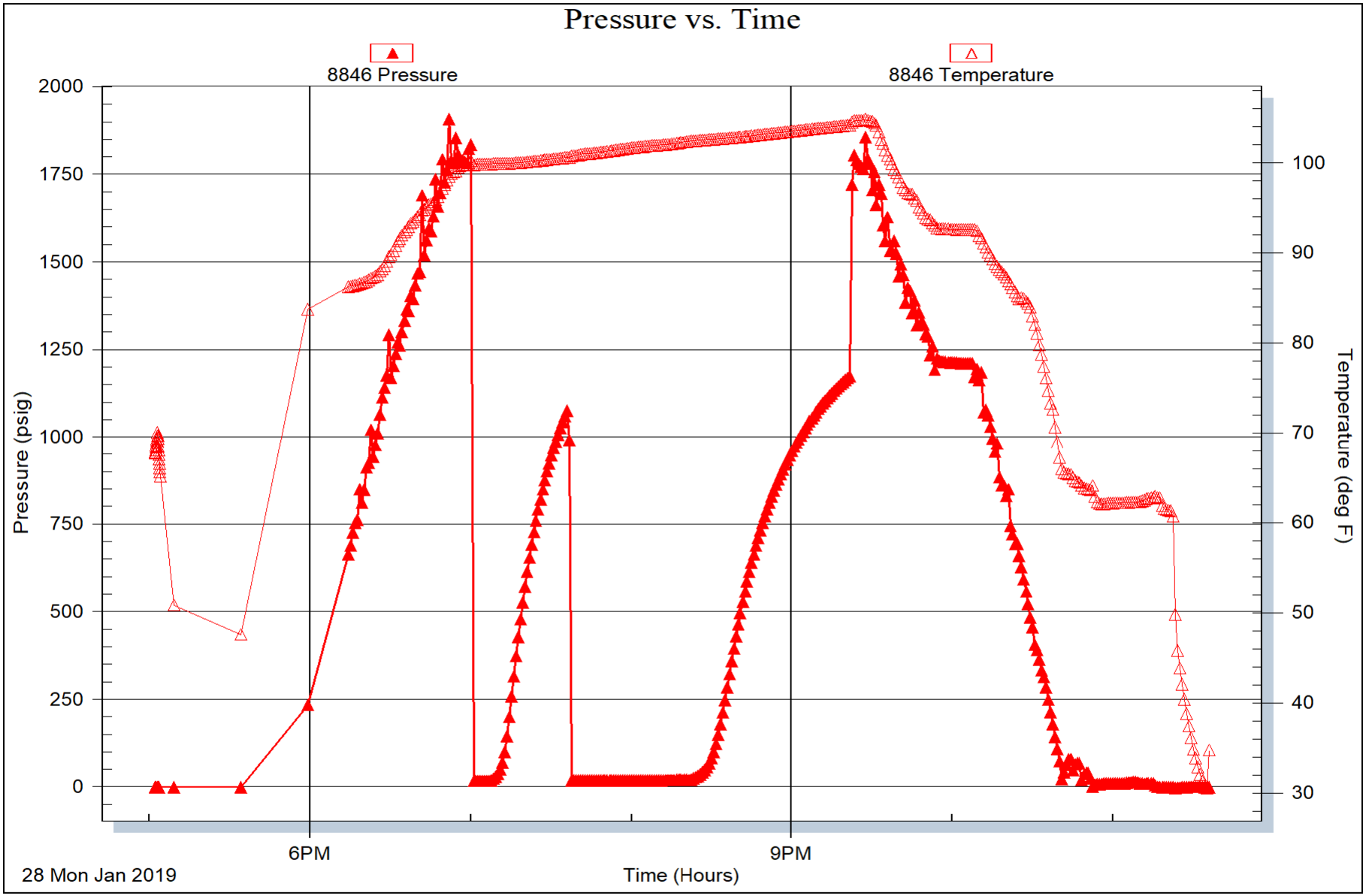
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8369 **Outside** K3 Oil and Gas Operatiing Co. Sumpter #3-14 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 63930 Printed: 2019.01.29 @ 00:05:33

Serial #: 8846 **Inside** K3 Oil and Gas Operatiing Co. Sumpter #3-14 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 63930 Printed: 2019.01.29 @ 00:05:33

K3 Oil & Gas Operating Company
24900 Pitkin RD, Suite 305
The Woodlands, TX 77386
Office 832-813.8558
Fax 832-234-0825

31 January, 2019

Mr. & Mrs. Raymond Sumpter
1429 N. Oliver RD
Mulvane, KS 67110

RE: Sumpter 3-14
1025' from North Line &
2285' from East, Line, Section 14-T30S-R01E
Sumner County, Kansas
API 15-191-22811-00-00

Dear Owner;

Per KCC requirements we are notifying you that the above named well was plugged on 01/30/2019. The Operator of the captioned well (s) is:

K3 Oil & Gas LLC
24900 Pitkin Road
Suite 305
The Woodlands, TX
Contact: John Rigas 832.813.8496

John A. Rigas

WW Drilling, LLC
WaKeeney, KS
Well Plugging Orders

Operator: K3 Oil & Gas Operating Company License # 35032
Address: 24900 Pitkin RD Suite 305

API # 15-191-22811-00-00

Lease Name: Sumpter #3-14
Legals: 14-30s-01e
County: Sumner
State: Kansas

Plug #	Sx.		Feet
1st	50	@	Top of Arbuckle
2nd	35	@	563'
3rd	25	@	60' To Surface
4th		@	
5th		@	
Rathole	35		
Mousehole			

Total: 145

Type: 60/40 Poz - 4% Gel - 1/4 # per sx flo-seal

Spud Report: Dan Fox Date: 1/22/2019 Time: 3:15 PM

Orders From: Virgil Clothier Date: 1/24/2019 Time: 2:40 PM

Reported to: John Hill Date: 1/30/2019 Time: 2:25 AM

Results: P&A

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	**Sumpter No.3-14**
API:	**15-191-22811**
Location:	**SW SE NE NW Sec.14-T30S-R1E, Sumner Co, KS**
License Number:	**Region:**
Spud Date:	**1/21/19** **Drilling Completed: 1/29/19**
Surface Coordinates:	**1025'FNL 2285'FWL**
	Latitude 37.447551520 / Longitude -97.286905276
Bottom Hole Coordinates:	
Ground Elevation (ft):	**1216** **K.B. Elevation (ft): 1221**
Logged Interval (ft):	**3100 To: 3750 Total Depth (ft): 3750**
Formation:	**Mississippian, Simpson, Arbuckle**
Type of Drilling Fluid:	**Chemical**

OPERATOR

Company: **K3 Oil and Gas Operating Company**
Address: **24900 Pitkin Road, Ste. 305**
The Woodlands, TX 77386
832-813-8558

GEOLOGIST

Name: **Randy Say**
Company: **RSay Enterprises**
Address: **13524 W. 67th Way**
Arvada, CO 80004
303-940-8751

Casing/ Data

18.125" Conductor Pipe set @ 66
8.625" Surface Casing set at 513

Logging Program
Halliburton Energy Services

Logs	**Interval**
Array Compensated True Resistivity	
Spectral Density Dual Spaced Neutron	
Microlog	
BHC-Sonic	
Annular Hole Volume	

DSTs

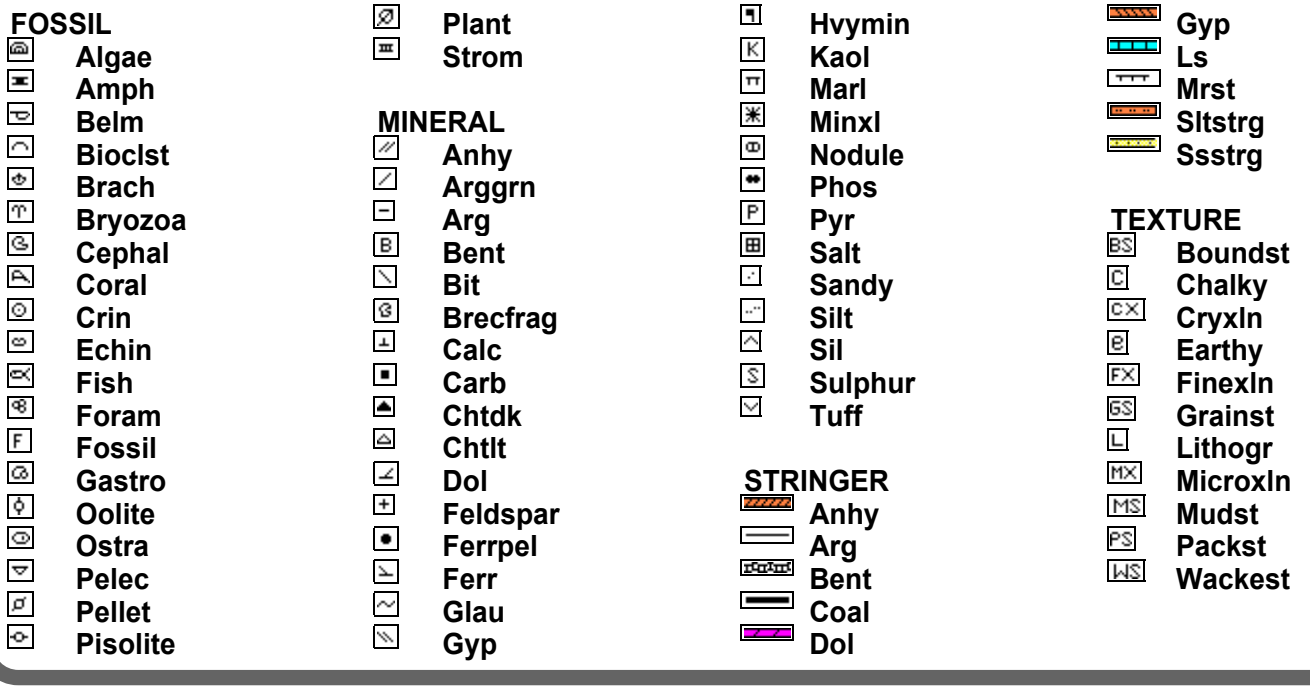
DST No.1 3200-3250(50)'; Conventional Miss Test; Successful
IO: 5 min; Open weak blow building to 2"
ISI: 30 min; No blow back
FO: 45 min; Weak blow building to 2"
FSI: 60 min; No blow back
REC: Total Recovery 25' OCM [10% Oil/90% Mud]; BHT=99F
Sampler: Total Recovery 55cc OCM [12% Oil/88% Mud]
IHP 1546; IFP 23-24; ISIP 227; FFP 23-34; FSIP 289; FHP 1513

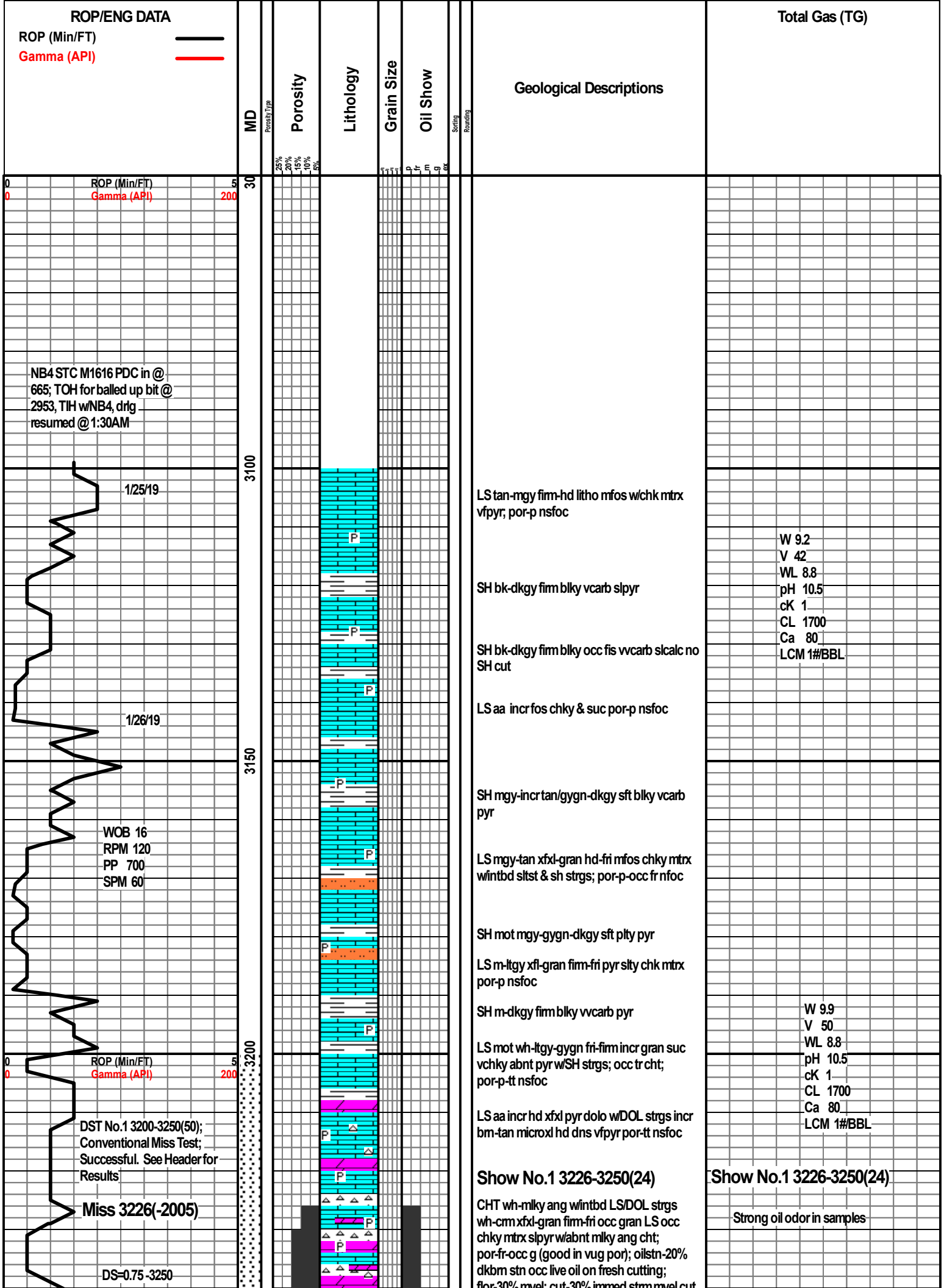
DST No.2 3592-3638(46)'; Conventional Simpson Test; Successful
IO: 5 min; Open with weak 1" blow
ISI: 30 min; No blow back
FO: 45 min; Open with weak 0.5" blow
FSI: 60 min; No blow back
REC: Total Recovery 10 OCM [2% oil/98% mud] BHT=107F
Sampler: Total Recovery 5cc [100% mud]
IHP 1786; IFP 20-22; ISIP 1094; FFP 22-25; FSIP 1184; FHP 1771

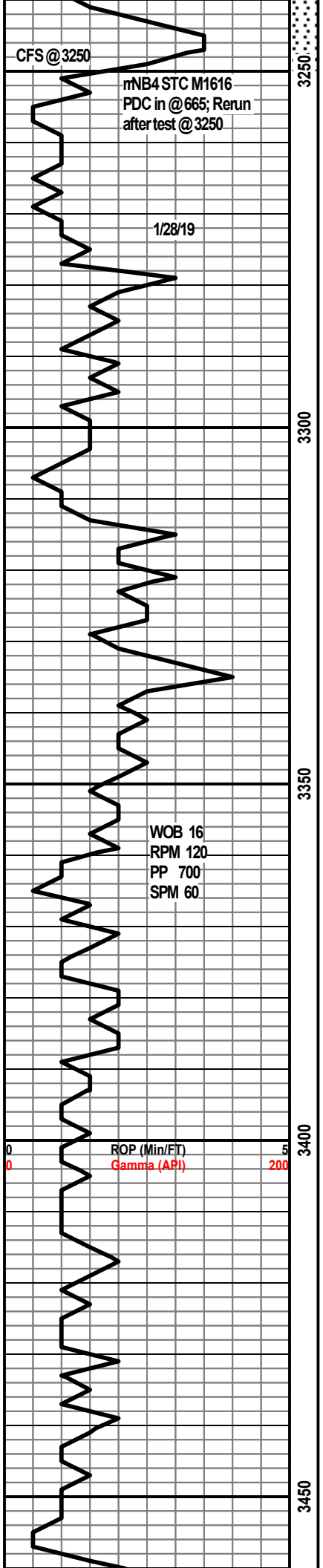
Comments

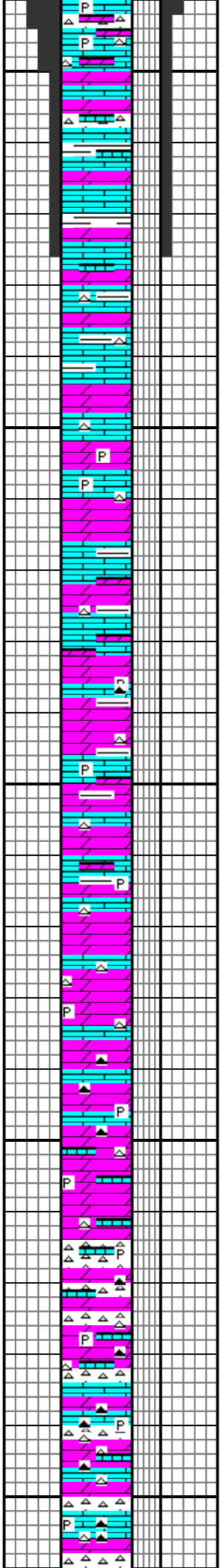
ROCK TYPES

ACCESSORIES




ROP/ENG DATA
ROP (Min/FT)
Gamma (API)
MD
Porosity Type
Porosity
25%
20%
15%
10%
5%
Lithology
Grain Size
Oil Show
Sorting
Rounding
Geological Descriptions
Total Gas (TG)
0
ROP (Min/FT)
5
0
Gamma (API)
200
30
NB4 STC M1616 PDC in @ 665; TOH for balled up bit @ 2953, TIH w/NB4, drlg resumed @1:30AM
3100
1/25/19
LS tan-mgy firm-hd litho mfos w/chk mtrx vfpyr; por-p nsfoc
W 9.2
V 42
WL 8.8
pH 10.5
cK 1
CL 1700
Ca 80
LCM 1#/BBL
SH bk-dkgy firm blky vcarb slpyr
SH bk-dkgy firm blky occ fis vvcarb slcalc no SH cut
1/26/19
LS aa incr fos chky & suc por-p nsfoc
3150
SH mgy-incr tan/gygn-dkgy sft blky vcarb pyr
WOB 16
RPM 120
PP 700
SPM 60
LS mgy-tan xfxl-gran hd-fri mfos chky mtrx w/intbd sltst & sh strgs; por-p-occ fr nfoc
SH mot mgy-gygn-dkgy sft plty pyr
LS m-ltgy xfl-gran firm-fri pyr slty chk mtrx por-p nsfoc
SH m-dkgy firm blky vvcarb pyr
W 9.9
V 50
WL 8.8
pH 10.5
cK 1
CL 1700
Ca 80
LCM 1#/BBL
LS mot wh-ltgy-gygn fri-firm incr gran suc vchky abnt pyr w/SH strgs; occ tr cht; por-p-tt nsfoc
3200
0
ROP (Min/FT)
5
0
Gamma (API)
200
LS aa incr hd xfxl pyr dolo w/DOL strgs incr brn-tan microxl hd dns vfpyr por-tt nsfoc
DST No.1 3200-3250(50); Conventional Miss Test; Successful. See Header for Results
Show No.1 3226-3250(24)
Show No.1 3226-3250(24)
Miss 3226(-2005)
CHT wh-mlky ang w/intbd LS/DOL strgs wh-crm xfxl-gran firm-fri occ gran LS occ chky mtrx slpyr w/abnt mlky ang cht; por-fr-occ g (good in vug por); oilstn-20% dkbrn stn occ live oil on fresh cutting; flor-30% mvel; cut-30% immed strm mvel cut
Strong oil odor in samples
DS=0.75 -3250





flor-30 % mlyel, cut-30 % immed strm mlyel cut, strm briyel when cutting are crushed; res-lttan live oil in dish immed after cut, leaving an oil ring when dry

Show No.2 3250-3276(26)

DOL/LS strgs tan-wh xfxl-gran suc w/bm sh strgs; por-fr-tt; oilstn-none; flor-tr ltyel; cut-tr slow mlky diffuse cut; res-none

LS/DOL strgs intbd w/mlky CHT; por-tt; oilstn-none; flor-tr ltyel; cut-tr slow mlky diffuse cut; res-pale yel flor res

LS/DOL strgs m-dkgy xfxl-gran fri-occ dn w/cht strg w/tr of wh frac filling calc; por-p-tt nsfoc

decr amt cht

DOL bm-tan microxl-occ gran vhd dns-occ fri suc vfpyr w/intbd LS gy & sh stgs; por-tt nsfoc

DOL aa incr xfxl firm-hd pyr occ shly w/intbd tan LS stgs; DOL por-tt nsfoc

DOL tan-mot bm/tan xfxl firm w/intbd SH strgs; pyr; por-tt-p nsfoc

DOL tan-bm xfxl-gran hd dns-firm w/intb LS strgs; occ SH; por-p-tt nsfoc

tr pyr & cht

DOL mot tan-bm xfxl hd dns-firm suc w/intb LS strgs; tr pyr; por-tt nsfoc

tr CHT tan vang w/tr pyr

DOL tan-gy xfxl-occ gran hd dns-firm slpyr abnt tan cht occ shly; por-tt nsfoc

CHT tan-dkgy vang intbd w/in DOL& LS aa; por-tt nsfoc

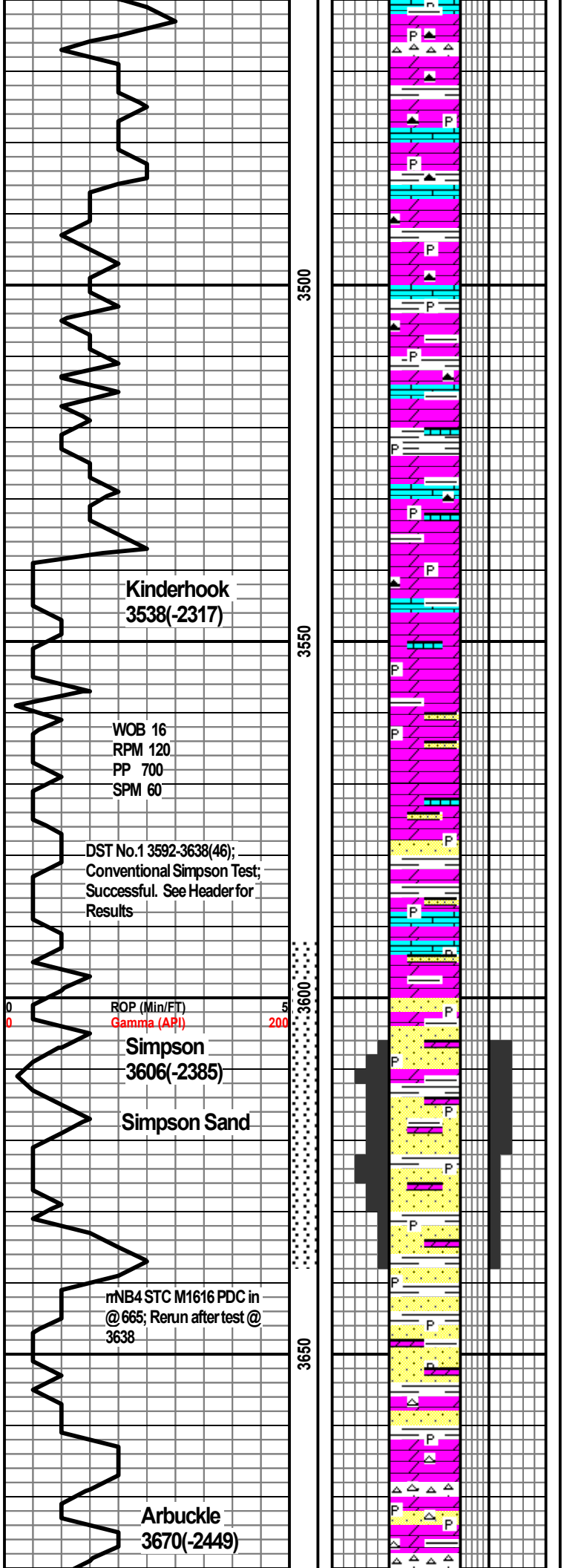
SH gybm sft plty carb as thin strgs

LS wh-tan xfxl-litho fri slty w/DOL tn microxl hd dns & strgs tan CHT; DOL por-p-tt nsfoc

DOL mot tan-bm xfxl- incr gran hd-firm occ suc slpyr; por-p-tt nsfoc w/intbd LS strgs

Show No.2 3250-3276(26)

Continued from Base Miss



SH mgy-gygn sft blky varg

DOL mot tan-brn xfxl-gran & suc hd-fri slpyr por-p-occ fr; nsfoc

LS tan-brn xfxl pyr

DOL tan-dkgy microxl hd dns occ tr sh strgs gy sft arg w/pyr; DOL por-tt

SH gygn-dkgy sft carb plty

DOL aa decr chty occ gn w/intbd SH strgs; DOL por-tt nsfoc

SH mgy-gygn sft blky varg

DOL mgy-brn xfxl occ gm hd-firm vfpyr cht decr to tr w/no sh strgs; por-tt nsfoc

DOL mot tan-brn xfxl- incr gran hd-firm occ suc slpyr; por-p-tt nsfoc

DOL mot tan-brn xfxl-gran & suc hd-fri slpyr por-p-occ fr; nsfoc

DOL por-tt nsfoc; occ sdy strgs incr to SS wh vfg por-tt nsfoc

DOL tan-brn microxl-occ gran vhd dns-fri occ suc text arg; por-tt nsfoc w/SH m-dkgy sft plty carb

SH bk-dkgy sft carb

SS wh-tan firm-occ fri m-fg sbrd msrt calc cmted; occ scat pyr w/intbd bk-dkgy SH strgs; por-p-occ fr; nsfoc

Show No.2 3606-3638(32)

SS wh-ltgy firm-vfri f-mg sbrd mwsrt; calc cmted; occ vfri-uncon clus(mg grs); mtrx arg; w/thin bk sh strgs; por-fr-g(decr to poor when tt cmted); oilstn-tr spotted bk oilstn; flor-20% briyel; cut-20% myel strm cut to slow mlky cut on cmted clus; res-myel flor res in dish, with very lttan oil ring after cut; Show decr at base to tr cut- slow mlky diffuse

SS aa mg sbrd wsrt calc cmted; incr w/dolo strgs; decr por-p nsfoc w/intbd SH dk-mgy-gygn firm fis

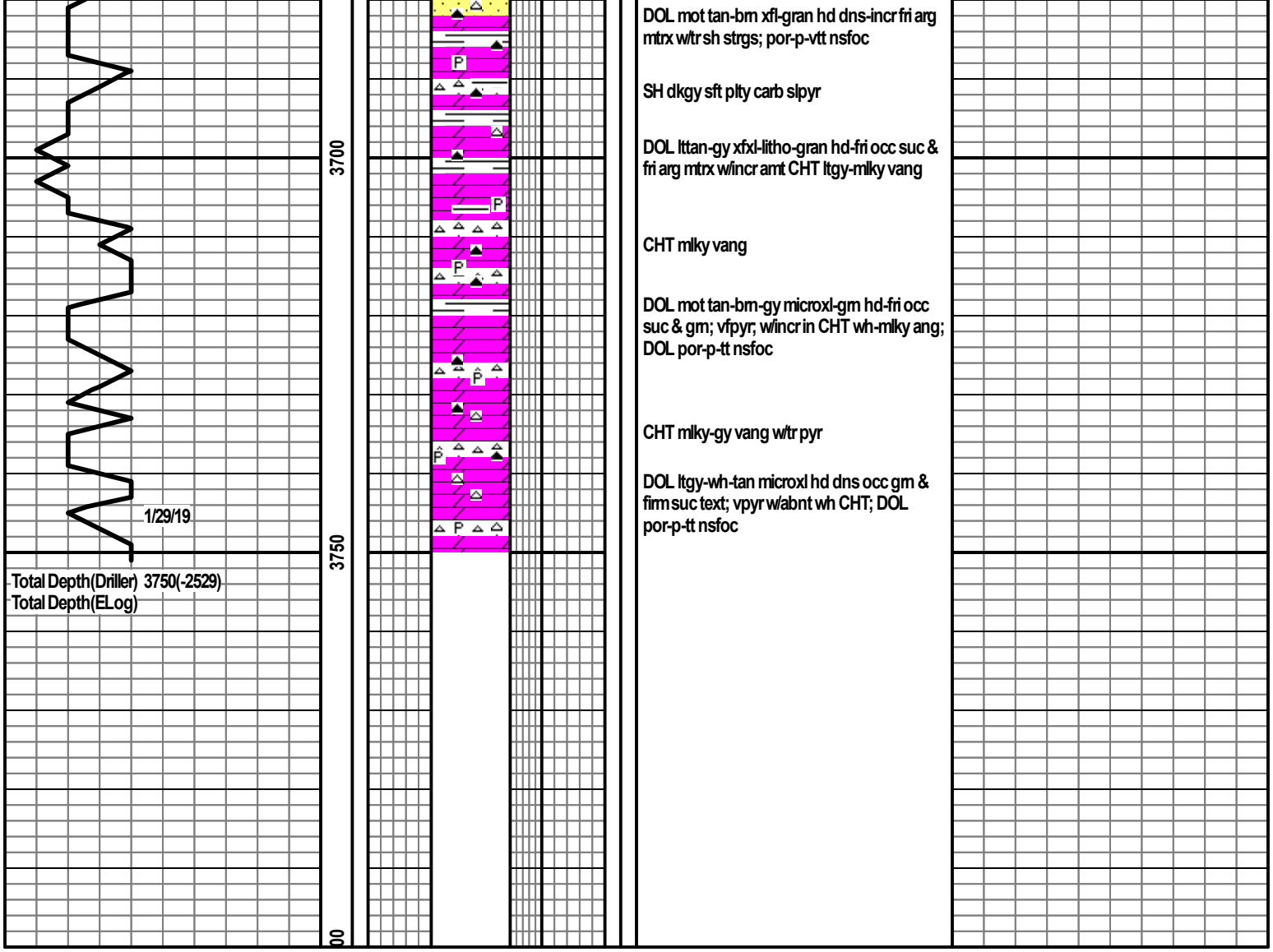
DOL tan-brn microxl-gran & suc hd dns-fri suc text arg mtrx w/incr abnt gy ang CHT & SH m-dkgy sft plty carb

incr in CHT ltgy-wh ang mot

SS strgs ltgy firm calc cmtec por-tt nsfoc

Show No.2 3606-3638(32)

W 9.5
V 47
WL 7.2
pH 10.5
cK 1
CL 2200
Ca 80
LCM 4#/BBL


3700
3750
1/29/19
Total Depth(Driller) 3750(-2529)
Total Depth(ELog)
DOL mot tan-brn xfl-gran hd dns-incr fri arg mtrx w/tr sh strgs; por-p-vtt nsfoc
SH dkgy sft plty carb slpyr
DOL lttan-gy xfxl-litho-gran hd-fri occ suc & fri arg mtrx w/incr amt CHT ltgy-mlky vang
CHT mlky vang
DOL mot tan-brn-gy microxl-grn hd-fri occ suc & grn; vfpyr; w/incr in CHT wh-mlky ang; DOL por-p-tt nsfoc
CHT mlky-gy vang w/tr pyr
DOL ltgy-wh-tan microxl hd dns occ grn & firm suc text; vpyr w/abnt wh CHT; DOL por-p-tt nsfoc

LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	**Sumpter No.3-14**
API:	**15-191-22811**
Location:	**SW SE NE NW Sec.14-T30S-R1E, Sumner Co, KS**
License Number:	**Region:**
Spud Date:	**1/21/19** **Drilling Completed: 1/29/19**
Surface Coordinates:	**1025'FNL 2285'FWL**
	Latitude 37.447551520 / Longitude -97.286905276
Bottom Hole Coordinates:	
Ground Elevation (ft):	**1216** **K.B. Elevation (ft): 1221**
Logged Interval (ft):	**3100 To: 3750 Total Depth (ft): 3750**
Formation:	**Mississippian, Simpson, Arbuckle**
Type of Drilling Fluid:	**Chemical**

OPERATOR

Company: **K3 Oil and Gas Operating Company**
Address: **24900 Pitkin Road, Ste. 305**
The Woodlands, TX 77386
832-813-8558

GEOLOGIST

Name: **Randy Say**
Company: **RSay Enterprises**
Address: **13524 W. 67th Way**
Arvada, CO 80004
303-940-8751

Casing/ Data

18.125" Conductor Pipe set @ 66
8.625" Surface Casing set at 513

Logging Program
Halliburton Energy Services

Logs	**Interval**
Array Compensated True Resistivity	
Spectral Density Dual Spaced Neutron	
Microlog	
BHC-Sonic	
Annular Hole Volume	

DSTs

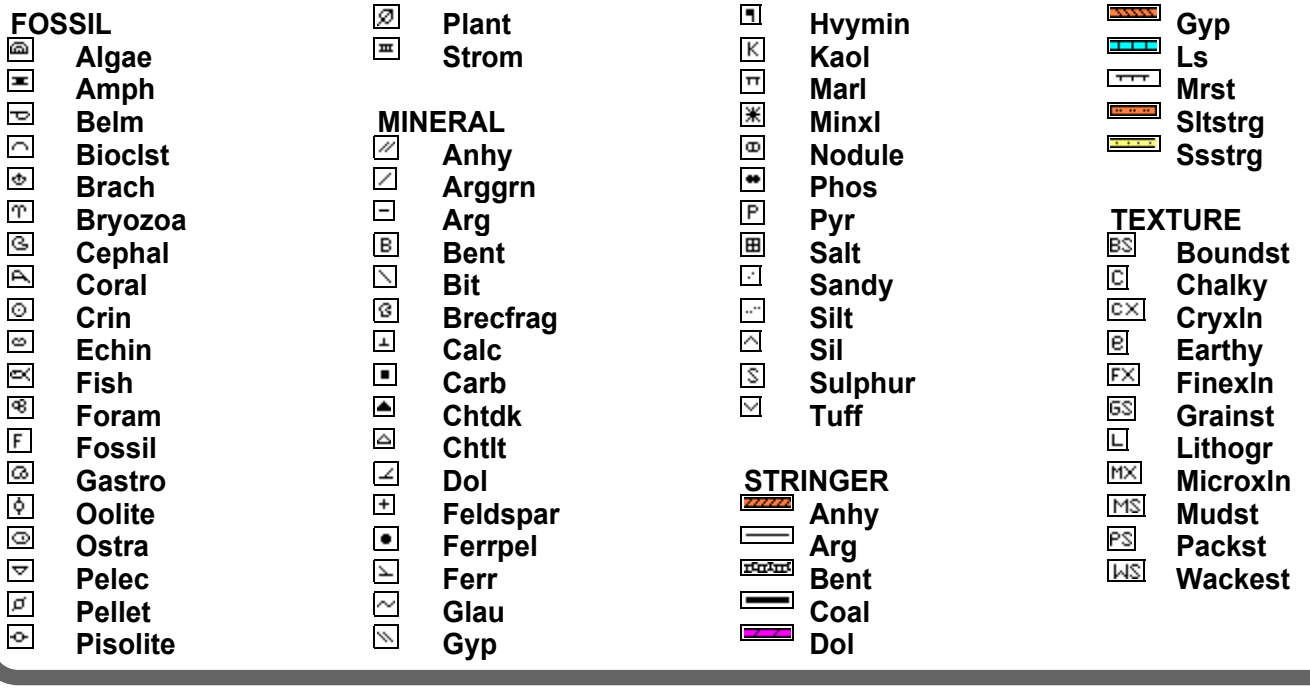
DST No.1 3200-3250(50)'; Conventional Miss Test; Successful
IO: 5 min; Open weak blow building to 2"
ISI: 30 min; No blow back
FO: 45 min; Weak blow building to 2"
FSI: 60 min; No blow back
REC: Total Recovery 25' OCM [10% Oil/90% Mud]; BHT=99F
Sampler: Total Recovery 55cc OCM [12% Oil/88% Mud]
IHP 1546; IFP 23-24; ISIP 227; FFP 23-34; FSIP 289; FHP 1513

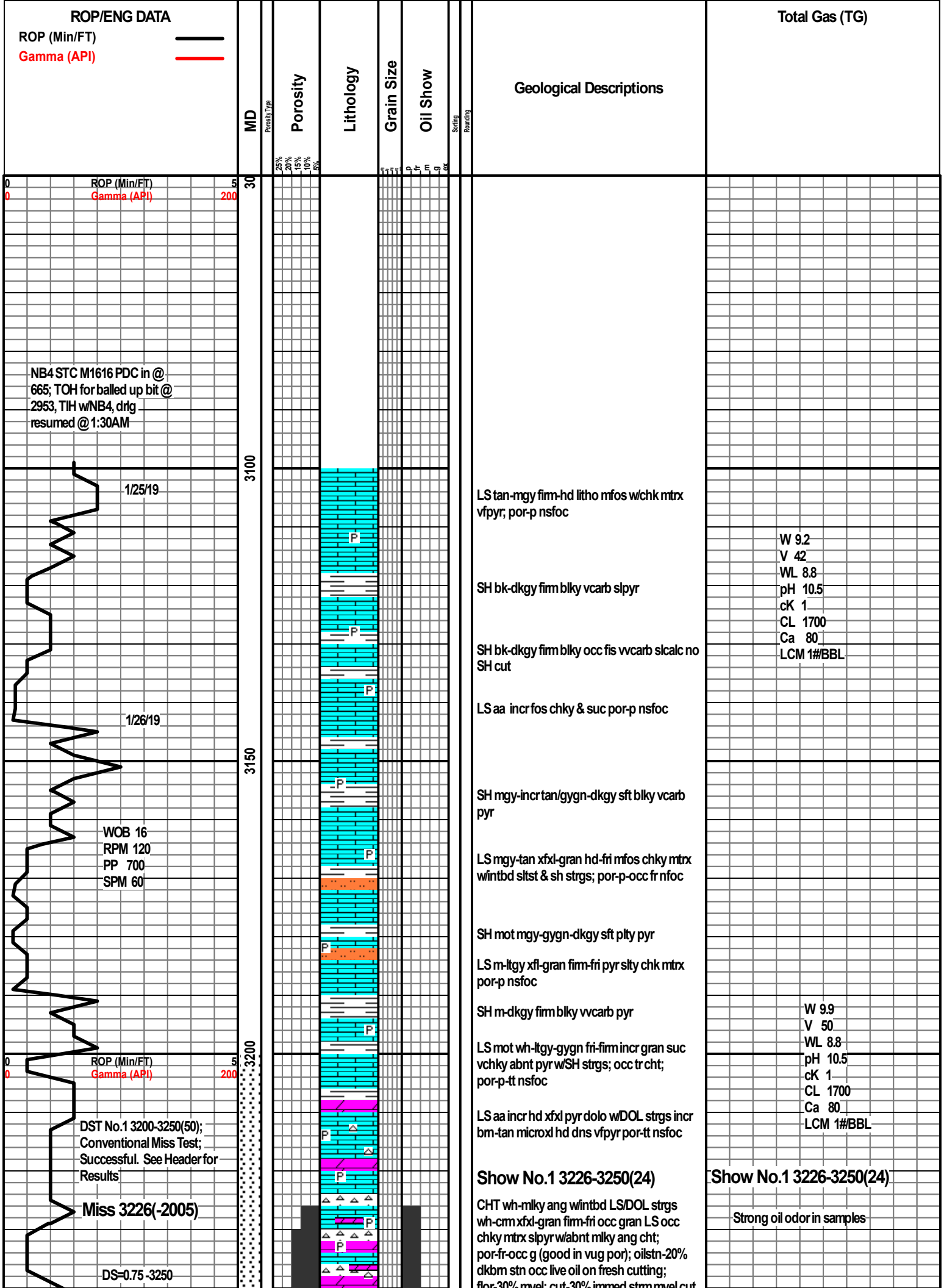
DST No.2 3592-3638(46)'; Conventional Simpson Test; Successful
IO: 5 min; Open with weak 1" blow
ISI: 30 min; No blow back
FO: 45 min; Open with weak 0.5" blow
FSI: 60 min; No blow back
REC: Total Recovery 10 OCM [2% oil/98% mud] BHT=107F
Sampler: Total Recovery 5cc [100% mud]
IHP 1786; IFP 20-22; ISIP 1094; FFP 22-25; FSIP 1184; FHP 1771

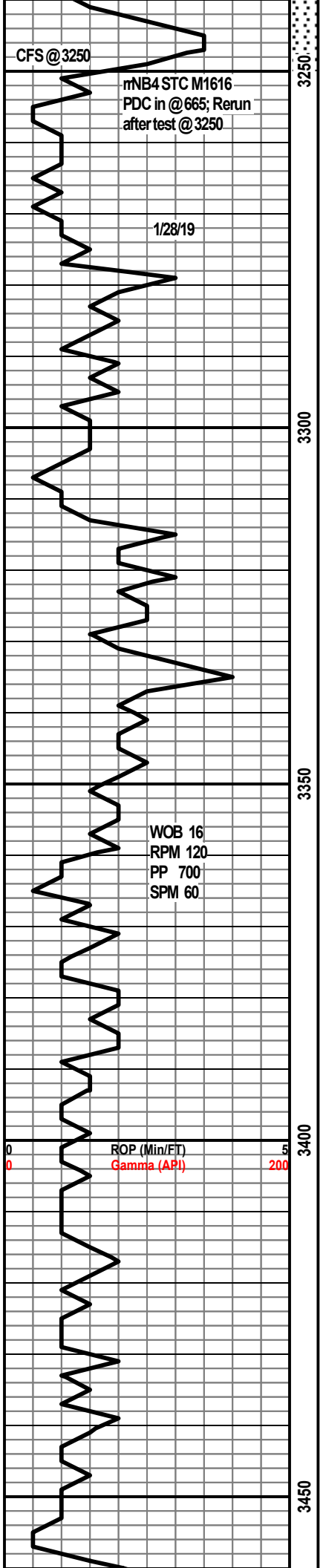
Comments

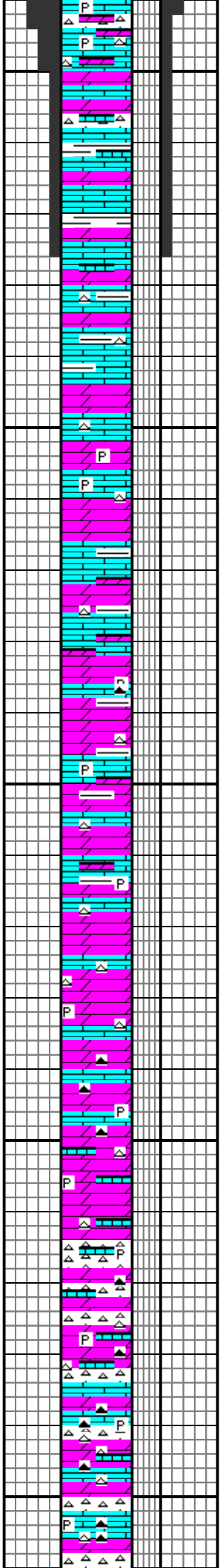
ROCK TYPES

ACCESSORIES




ROP/ENG DATA
ROP (Min/FT)
Gamma (API)
MD
Porosity Type
Porosity
25%
20%
15%
10%
5%
Lithology
Grain Size
Oil Show
Sorting
Rounding
Geological Descriptions
Total Gas (TG)
0
ROP (Min/FT)
5
0
Gamma (API)
200
30
NB4 STC M1616 PDC in @ 665; TOH for balled up bit @ 2953, TIH w/NB4, drlg resumed @1:30AM
3100
1/25/19
LS tan-mgy firm-hd litho mfos w/chk mtrx vfpyr; por-p nsfoc
W 9.2
V 42
WL 8.8
pH 10.5
cK 1
CL 1700
Ca 80
LCM 1#/BBL
SH bk-dkgy firm blky vcarb slpyr
SH bk-dkgy firm blky occ fis vvcarb slcalc no SH cut
1/26/19
LS aa incr fos chky & suc por-p nsfoc
3150
SH mgy-incr tan/gygn-dkgy sft blky vcarb pyr
WOB 16
RPM 120
PP 700
SPM 60
LS mgy-tan xfxl-gran hd-fri mfos chky mtrx w/intbd sltst & sh strgs; por-p-occ fr nfoc
SH mot mgy-gygn-dkgy sft plty pyr
LS m-ltgy xfl-gran firm-fri pyr slty chk mtrx por-p nsfoc
SH m-dkgy firm blky vvcarb pyr
W 9.9
V 50
WL 8.8
pH 10.5
cK 1
CL 1700
Ca 80
LCM 1#/BBL
LS mot wh-ltgy-gygn fri-firm incr gran suc vchky abnt pyr w/SH strgs; occ tr cht; por-p-tt nsfoc
3200
0
ROP (Min/FT)
5
0
Gamma (API)
200
LS aa incr hd xfxl pyr dolo w/DOL strgs incr brn-tan microxl hd dns vfpyr por-tt nsfoc
DST No.1 3200-3250(50); Conventional Miss Test; Successful. See Header for Results
Show No.1 3226-3250(24)
Show No.1 3226-3250(24)
Miss 3226(-2005)
CHT wh-mlky ang w/intbd LS/DOL strgs wh-crm xfxl-gran firm-fri occ gran LS occ chky mtrx slpyr w/abnt mlky ang cht; por-fr-occ g (good in vug por); oilstn-20% dkbrn stn occ live oil on fresh cutting; flor-30% mvel; cut-30% immed strm mvel cut
Strong oil odor in samples
DS=0.75 -3250





flor-30 % mlyel, cut-30 % immed strm mlyel cut, strm briyel when cutting are crushed; res-lttan live oil in dish immed after cut, leaving an oil ring when dry

Show No.2 3250-3276(26)

DOL/LS strgs tan-wh xfxl-gran suc w/bm sh strgs; por-fr-tt; oilstn-none; flor-tr ltyel; cut-tr slow mlky diffuse cut; res-none

LS/DOL strgs intbd w/mlky CHT; por-tt; oilstn-none; flor-tr ltyel; cut-tr slow mlky diffuse cut; res-pale yel flor res

LS/DOL strgs m-dkgy xfxl-gran fri-occ dn w/cht strg w/tr of wh frac filling calc; por-p-tt nsfoc

decr amt cht

DOL bm-tan microxl-occ gran vhd dns-occ fri suc vfpyr w/intbd LS gy & sh stgs; por-tt nsfoc

DOL aa incr xfxl firm-hd pyr occ shly w/intbd tan LS stgs; DOL por-tt nsfoc

DOL tan-mot bm/tan xfxl firm w/intbd SH strgs; pyr; por-tt-p nsfoc

DOL tan-bm xfxl-gran hd dns-firm w/intb LS strgs; occ SH; por-p-tt nsfoc

tr pyr & cht

DOL mot tan-bm xfxl hd dns-firm suc w/intb LS strgs; tr pyr; por-tt nsfoc

tr CHT tan vang w/tr pyr

DOL tan-gy xfxl-occ gran hd dns-firm slpyr abnt tan cht occ shly; por-tt nsfoc

CHT tan-dkgy vang intbd w/in DOL& LS aa; por-tt nsfoc

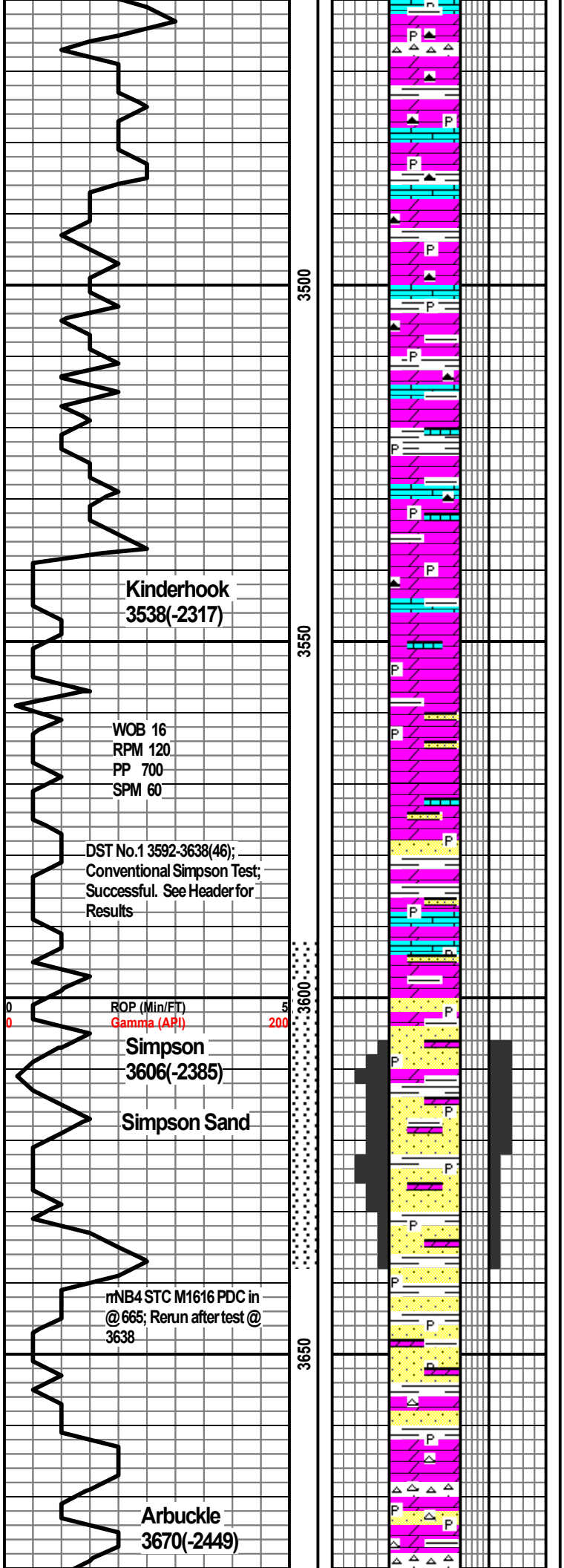
SH gybm sft plty carb as thin strgs

LS wh-tan xfxl-litho fri slty w/DOL tn microxl hd dns & strgs tan CHT; DOL por-p-tt nsfoc

DOL mot tan-bm xfxl- incr gran hd-firm occ suc slpyr; por-p-tt nsfoc w/intbd LS strgs

Show No.2 3250-3276(26)

Continued from Base Miss



SH mgy-gygn sft blky varg

DOL mot tan-brn xfxl-gran & suc hd-fri slpyr por-p-occ fr; nsfoc

LS tan-brn xfxl pyr

DOL tan-dkgy microxl hd dns occ tr sh strgs gy sft arg w/pyr; DOL por-tt

SH gygn-dkgy sft carb plty

DOL aa decr chty occ gn w/intbd SH strgs; DOL por-tt nsfoc

SH mgy-gygn sft blky varg

DOL mgy-brn xfxl occ gm hd-firm vfpyr cht decr to tr w/no sh strgs; por-tt nsfoc

DOL mot tan-brn xfxl- incr gran hd-firm occ suc slpyr; por-p-tt nsfoc

DOL mot tan-brn xfxl-gran & suc hd-fri slpyr por-p-occ fr; nsfoc

DOL por-tt nsfoc; occ sdy strgs incr to SS wh vfg por-tt nsfoc

DOL tan-brn microxl-occ gran vhd dns-fri occ suc text arg; por-tt nsfoc w/SH m-dkgy sft plty carb

SH bk-dkgy sft carb

SS wh-tan firm-occ fri m-fg sbrd msrt calc cmted; occ scat pyr w/intbd bk-dkgy SH strgs; por-p-occ fr; nsfoc

Show No.2 3606-3638(32)

SS wh-ltgy firm-vfri f-mg sbrd mwsrt; calc cmted; occ vfri-uncon clus(mg grs); mtrx arg; w/thin bk sh strgs; por-fr-g(decr to poor when tt cmted); oilstn-tr spotted bk oilstn; flor-20% briyel; cut-20% myel strm cut to slow mlky cut on cmted clus; res-myel flor res in dish, with very lttan oil ring after cut; Show decr at base to tr cut- slow mlky diffuse

SS aa mg sbrd wsrt calc cmted; incr w/dolo strgs; decr por-p nsfoc w/intbd SH dk-mgy-gygn firm fis

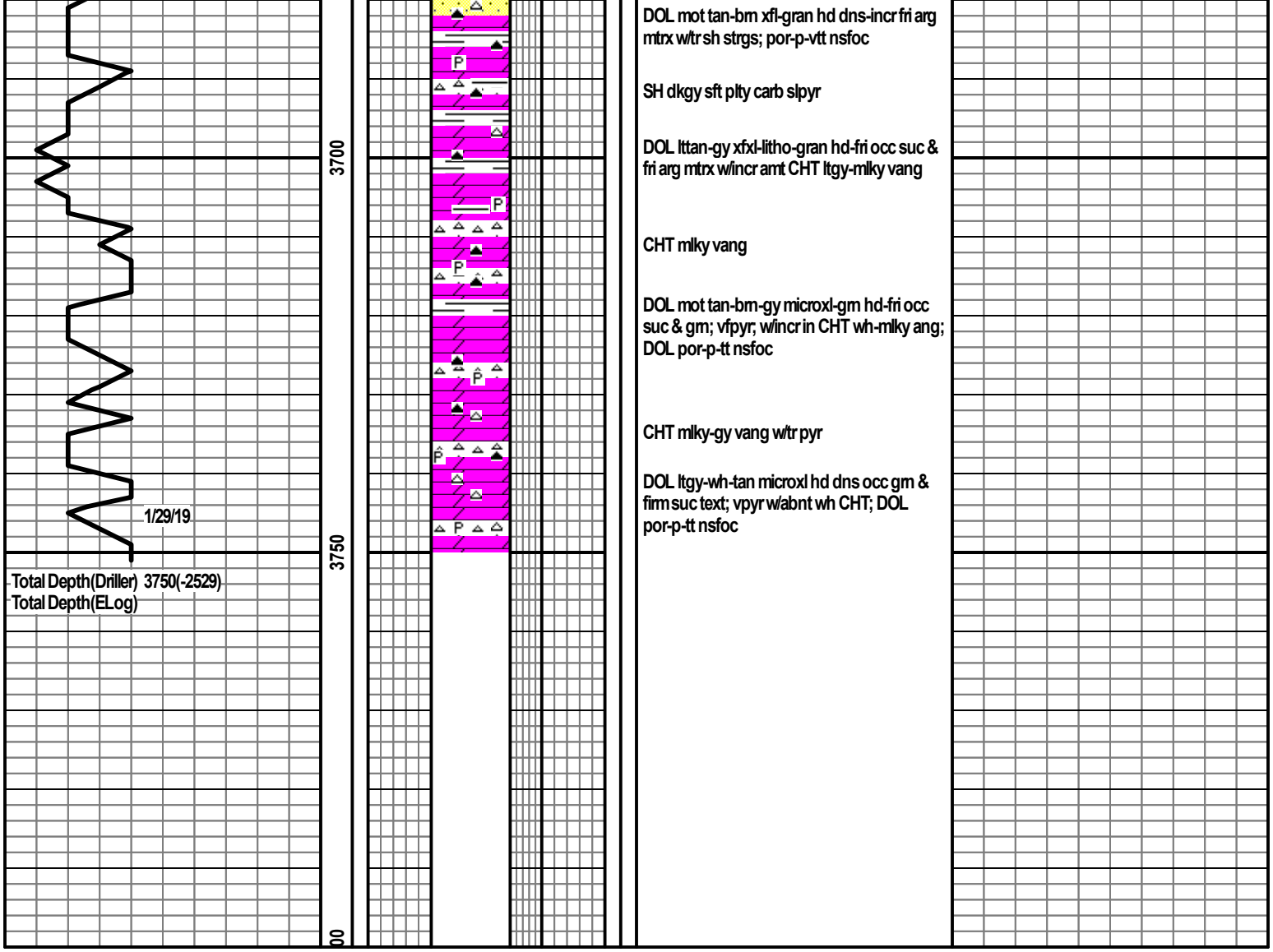
DOL tan-brn microxl-gran & suc hd dns-fri suc text arg mtrx w/incr abnt gy ang CHT & SH m-dkgy sft plty carb

incr in CHT ltgy-wh ang mot

SS strgs ltgy firm calc cmtec por-tt nsfoc

Show No.2 3606-3638(32)

W 9.5
V 47
WL 7.2
pH 10.5
cK 1
CL 2200
Ca 80
LCM 4#/BBL


3700
3750
1/29/19
Total Depth(Driller) 3750(-2529)
Total Depth(ELog)
DOL mot tan-brn xfl-gran hd dns-incr fri arg mtrx w/tr sh strgs; por-p-vtt nsfoc
SH dkgy sft plty carb slpyr
DOL lttan-gy xfxl-litho-gran hd-fri occ suc & fri arg mtrx w/incr amt CHT ltgy-mlky vang
CHT mlky vang
DOL mot tan-brn-gy microxl-grn hd-fri occ suc & grn; vfpyr; w/incr in CHT wh-mlky ang; DOL por-p-tt nsfoc
CHT mlky-gy vang w/tr pyr
DOL ltgy-wh-tan microxl hd dns occ grn & firm suc text; vpyr w/abnt wh CHT; DOL por-p-tt nsfoc

BASIC ENERGY SERVICES

RECEIVED FEB 04 2019

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1009504	1718	01/24/2019

INVOICE NUMBER

92895968

Pratt (620) 672-1201

BILL TO
K3 OIL & GAS
24900 PITKIN RD, SUITE 305
THE WOODLANDS
TX US 77386

ATTN: SELIGMAN

JOB SITE
LEASE NAME: Sumpter 3-14
LOCATION:
COUNTY: Sumner
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41157034	20920		Net - 30 days	02/23/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 01/23/2019 to 01/23/2019				
0041157034				
171817629A Cement-New Well Casing/Pi 01/23/2019				
8 5/8" Surface Casing				
A-Serv Lite	175.00	EA	7.80	1,365.00 T
60/40 POZ	120.00	EA	7.20	864.00 T
Calcium Chloride	771.00	EA	0.63	485.73 T
Celloflake	74.00	EA	2.22	164.28 T
"Top Rubber Cmt Plug, 8 5/8"""	1.00	EA	135.00	135.00
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.70	270.00
Heavy Equipment Mileage	100.00	MI	4.50	450.00
Proppant & Bulk Del. Chgs., per ton mil	1,285.00	EA	1.50	1,927.50
Depth Charge; 0-500'	1.00	EA	600.00	600.00
Blending & Mixing Service Charge	295.00	BAG	0.84	247.80
Plug Container Util. Chg.	1.00	EA	150.00	150.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	105.00	105.00

Company_____

WellName_____

G/LAccount_____

Approval_____

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	6,764.31
TAX	215.93
INVOICE TOTAL	6,980.24

BASIC℠ ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

TTMH
37

FIELD SERVICE TICKET

1718 17629 A

DATE TICKET NO.

DATE OF JOB 1-23-19	DISTRICT Pratt	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:	
CUSTOMER K-3 oil + Gas		LEASE Sumpter	WELL NO.
ADDRESS		COUNTY Sumner	STATE KS
CITY	STATE	SERVICE CREW Mattal Marquez Drake	
AUTHORIZED BY		JOB TYPE: Z-42 8 5/8 Surface	

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS		DATE	AM/PM	TIME
20920	1					TRUCK CALLED	1-23	AM PM	5
						ARRIVED AT JOB		AM PM	11:00
19860	.5					START OPERATION		AM PM	1:17
						FINISH OPERATION		AM PM	1:55
						RELEASED		AM PM	3:00
						MILES FROM STATION TO WELL			100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X [signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 106	A-Serv lite	SK	175		2275.00
CP 103	60/40 Poz	SK	120		1440.00
CC 109	Calcium chloride	lb	771		809.55
CC 102	Celloflake	lb	74		273.80
CF 105	Top rubber plug 8 5/8	ea	1		225.00
E 100	P.U. Miles	Mi	100		450.00
E 101	Heavy eq Miles	Mi	100		750.00
E 113	Prop + bulk del	TM	1285		3212.50
CE 200	depth charge 0-500'	4hr	1		1,000.00
CE 240	blend + mix	SK	295		413.00
CE 504	Plug cont	JOB	1		250.00
S003	Supervisor	ea	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		~~11,048.85~~ 11,273.85
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		6,764.31

SERVICE REPRESENTATIVE Mike Mattal

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X [signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 17629 A

DATE TICKET NO.

DATE OF JOB DISTRICT	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER	LEASE WELL NO.
ADDRESS	COUNTY STATE
CITY STATE	SERVICE CREW
AUTHORIZED BY	JOB TYPE:

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED		AM PM	
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
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SIGNED: X
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT

CHEMICAL / ACID DATA:			

SUB TOTAL		11,048 86
SERVICE & EQUIPMENT	%TAX ON $	11,273 35
MATERIALS	%TAX ON $	
TOTAL		67641

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC energy services, L.P.

TREATMENT REPORT

Customer K-3 Oil + Gas	Lease No.		Date 1-23-19
Lease Sumpter	Well # 3-14		
Field Order # 17629	Station Pratt	Casing 8 5/8 Depth 213	County Sumner State KS
Type Job 2-42 8 5/8 SURFACE	Formation		Legal Description 14-30S-01E

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 175 SKS A-Serv	RATE	PRESS	ISIP
Depth 213.82	Depth	From	To	Pre Pad 3% CC	Max 25 BPM		5 Min.
Volume 32.7	Volume	From	To	Pad 120 SK 60/40	Min 10 BPM		10 Min.
Max Press 500	Max Press	From	To	Frac 3% CC	Avg 25 BPM		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 193.82	Packer Depth	From	To	Flush 31.4	Gas Volume		Total Load

Customer Representative Dustin DAY | Station Manager Westerman | Treater MATTAI

Service Units	83353		84980	20920		19889	19866				
Driver Names	MATTAI		MARKET			DEA 2					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:10					ON LOCATION SAFETY MEETING
11:10					Running 8 5/8 csng
12:56					csng on Bottom
1:05					Hook to csng/Break circ w. Rig
1:17	200		3	6	Pump 3 bbl water
1:18	200		56	6	Mix 175 SKS A-Serv 11.5#
1:34	100		26	4.5	Mix 120 SKS 60/40 Poz
1:44			—		Drop Plug
1:47	200		—	5	START DISPLACEMENT
1:53	200		31.4		Plug down shut in well
					CMT TO SURFACE
					JOB COMPLETE
					Thank You!
					Mike Mattai
					EDWARDS + JOSH

Taylor Printing, Inc. 620-672-3656

BASIC ENERGY SERVICES

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1009504	1718	01/31/2019

INVOICE NUMBER

92900725

RECEIVED
FEB 05 2019

Pratt (620) 672-1201

BILL TO
K3 OIL & GAS
24900 PITKIN RD, SUITE 305
THE WOODLANDS
TX US 77386
ATTN: SELIGMAN

JOB SITE
LEASE NAME Sumpter #3-14
LOCATION
COUNTY Sumner
STATE KS
JOB DESCRIPTION Cement-New Well Casing/Pi
JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41158340			Net - 30 days	03/02/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 01/30/2019 to 01/30/2019				
0041158340				
171817666A Cement-New Well Casing/Pi 01/30/2019				
Plug to Abandon				
60/40 POZ	145.00	EA	7.20	1,044.00 T
Cement Gel	250.00	EA	0.15	37.50 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.70	270.00
Heavy Equipment Mileage	200.00	MI	4.50	900.00
Proppant & Bulk Del. Chgs., per ton mil	625.00	EA	1.50	937.50
Depth Charge; 3001-4000'	1.00	EA	1,296.00	1,296.00
Blending & Mixing Service Charge	145.00	BAG	0.84	121.80
"Service Supervisor, first 8 hrs on loc.	1.00	EA	105.00	105.00

Company
Well Name
G/L Account
Approval

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	4,711.80
TAX	81.11
INVOICE TOTAL	4,792.91

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

TMK-50

FIELD SERVICE TICKET
1718 17666 A

DATE TICKET NO.

DATE OF JOB 1-30-19 DISTRICT Pratt-Kansas	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER K3 Oil & Gas	LEASE Simple 5 WELL NO. 3-14
ADDRESS	COUNTY Sumner STATE Kansas
CITY STATE	SERVICE CREW Ferris, Mike, Wade
AUTHORIZED BY	JOB TYPE: PTA 2-42

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
86774	5				
19662	5				

	DATE	AM/PM	TIME
TRUCK CALLED	1-29-A	PM	1800
ARRIVED AT JOB		AM/PM	2300
START OPERATION	1-30-19	AM/PM	0400
FINISH OPERATION		AM/PM	0600
RELEASED		AM/PM	0630
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP103	60/40 Poz	SK	145		1740 00
CC200	Cement Gel	lb	250		62 50
E100	Pickup Mileage	mi	100		450 00
E101	Heavy Equipment Mileage	mi	200		1500 00
E113	Bulk delivery charge Per Ton Mile	TM	625		1562 50
CE204	Depth charge 3501-4000'	4hr	1		2160 00
CE240	Blending & Mixing Service Charge	SK	145		203 00
S003	Service Supervisor, First 8 hours/Loc	EA	1		175 00

SUB TOTAL 7853 50

CHEMICAL / ACID DATA:

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	4711 50

Discount

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 17666 A

DATE TICKET NO.

DATE OF JOB DISTRICT	NEW WELL ☐ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER	LEASE WELL NO.
ADDRESS	COUNTY STATE
CITY STATE	SERVICE CREW
AUTHORIZED BY	JOB TYPE:

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED			
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
				SUB TOTAL	

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

JLW

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC energy services, L.P.

TREATMENT REPORT

Customer LD Oil & Gas	Lease No.	Date 1-30-19	
Lease SUMNER	Well # 3-14		
Field Order # 17666	Station Pratt Kansas 1718	Casing 4½ 20#	Depth 3660
County Sumner	State KS		
Type Job PTA 2-4/2n	Formation	Legal Description 14-30S-01E	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative Dustin DAY		Station Manager Dustin Westerman			Treater Travis Gordon						
Service Units	78868	17656	66774	19903	19862						
Driver Names	Travis	Mike	Mike	Wade	Wade						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2300					Arrived on location / Safety Meeting
2345					Rig up equipment
1255		280	10	4	Pump H2O spacer Ahead
0100		290	12.7	4	Mix 50 sx 60/40 Poz @ 13.6 ppg
0105		240	3.5	4	Pump H2O behind
0110		350	45	8	Pump 6.1 Bbl Displacement
					1st Plug @ 3660' - Hoc-210.96' Toc-3449.04'
0340		180	10	5	Pump H2O Ahead
0345		190	4.9	4	Mix 35 sx 60/40 Poz @ 13.6 ppg
0347		110	5.6	4	Pump H2O behind
					2nd Plug @ 563' - Hoc-142.66' Toc-420.32'
0535		60	8.9	3	Plug RH with 35 sx 60/40 Poz @ 13.6 ppg
0545		60	6.4	3	Plug @ 60' 25 sx 60/40 Poz @ 13.6 ppg
0600					Rig Down, Leave location
					Total 60/40 Poz mixed 145 sx
					Thank You!! Travis & Crew
					3 hours late to location Due to truck Problems.

Taylor Printing, Inc. 620-672-3656

BASIC ENERGY SERVICES

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FEB 05 2019

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1009504	1718	01/25/2019

INVOICE NUMBER
92897017

Pratt (620) 672-1201

BILL TO
K3 OIL & GAS
24900 PITKIN RD, SUITE 305
THE WOODLANDS
TX US 77386
ATTN: SELIGMAN

JOB SITE
LEASE NAME: SUMPTER 3-14
LOCATION:
COUNTY: SUMNER
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41157359	86779		Net - 30 days	02/24/2019

For Service Dates: 01/24/2019 to 01/24/2019

0041157359

171817665A Cement-New Well Casing/Pi 01/24/2019
TOP OUT

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
COMMON CEMENT	60.00	EA	9.60	576.00 T
Calcium Chloride	171.00	LB	0.63	107.73 T
Celloflake	16.00	LB	2.22	35.52 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.70	270.00
Heavy Equipment Mileage	200.00	MI	4.50	900.00
Proppant & Bulk Del. Chgs., per ton mil	285.00	EA	1.50	427.50
Depth Charge; 0-500'	1.00	EA	600.00	600.00
Blending & Mixing Service Charge	60.00	SK	0.84	50.40
"Service Supervisor, first 8 hrs on loc.	1.00	EA	105.00	105.00

Company
WellName
G/LAccount
Approval

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	3,072.15
TAX	53.94
INVOICE TOTAL	3,126.09

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

Tank-30

FIELD SERVICE TICKET
1718 17665 A

DATE TICKET NO.

DATE OF JOB 1-24-19 DISTRICT Pratt KS 1716	NEW WELL ☐ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER K3 Oil & Gas	LEASE Sumpter WELL NO. 3-4
ADDRESS	COUNTY Sumner STATE Kansas
CITY STATE	SERVICE CREW Evans, Mike, David
AUTHORIZED BY	JOB TYPE: Top Out 2-1/2

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
16779	1.5				
19760	1.5				

	DATE	AM/PM	TIME
TRUCK CALLED	1-23-19	AM PM	2330
ARRIVED AT JOB	1-24-19	AM PM	0326
START OPERATION		AM PM	0445
FINISH OPERATION		AM PM	0530
RELEASED		AM PM	0600
MILES FROM STATION TO WELL			100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Ryan J Baker
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP100C	Common cement	SK	60		960 00
CC109	Calcium chloride	lb	179	1.71	179 55
CC102	Cello Flake	lb	116		59 20
E100	Pick up mileage	mi	100		450 00
E101	Heavy equipment mileage	mi	200		1500 00
E113	Bulk delivery charge per ton mile	TNM	285		712 50
CB200	Depth charge 0-500'	EA	1		1000 00
CB240	Blending & mixing service charge	SK	60		84 00
S003	Service supervisor, first stage	EA	1		175 00

SUB TOTAL 5120 75

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	3072 15

DLS

SERVICE REPRESENTATIVE EJ

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Ryan J Baker
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 17665 A

DATE TICKET NO.

DATE OF JOB / DISTRICT	NEW WELL ☐ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER	LEASE Wupter WELL NO.
ADDRESS	COUNTY STATE
CITY STATE	SERVICE CREW
AUTHORIZED BY	JOB TYPE: T/ out

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED		AM PM	
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
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SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
			265		
				SUB TOTAL	

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASiC energy services, L.P.

TREATMENT REPORT

Customer K3 oil + Gas	Lease No.	Date 1-24-19
Lease Sumpter	Well # 3-14	

Field Order # 17665	Station Pratt KS 1718	Casing 8 5/8	Depth 500'	County Sumner	State KS
Type Job Top out 2-1/2		Formation		Legal Description 14-30S-01E	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 500	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units	76868	77686	66779	19889	19866						
Driver Names	Ennis	Mike	Mike	David	David						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0230					Arrived on location / Safety Meeting
0245					Rig up equipment
0415					Run 3 joints 1" Tag cement 61' from
					top of Table.
0445	110		13	1.5	Mix 60sx common @ 15.6ppg
0500					Circulate ~~[illegible]~~ to cement to surface
0530					Rig down, leave location
					Total cement mixed - 60sx
					circulated 5 Bbls to surface to
					ensure good slurry.
					@ 0530 cement @ top of
					conductor.
					Thank You! Ennis

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

BASIC ENERGY SERVICES

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1009504	1718	01/23/2019

INVOICE NUMBER

92894140

RECEIVED
JAN 29 2019

Pratt (620) 672-1201

BILL TO
K3 OIL & GAS
24900 PITKIN RD, SUITE 305
THE WOODLANDS
TX US 77386

ATTN: SELIGMAN

JOB SITE
LEASE NAME: Sumpter 3-14
LOCATION:
COUNTY: Sumner
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41156778	20920		Net - 30 days	02/22/2019

For Service Dates: 01/22/2019 to 01/22/2019

0041156778

171817628A Cement-New Well Casing/Pi 01/22/2019
13-3/8" Conductor Casing

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
60/40 POZ	120.00	EA	7.20	864.00 T
Common Cement	100.00	EA	9.60	960.00 T
Common Cement	100.00	EA	9.60	960.00 T
Calcium Chloride	594.00	EA	0.63	374.22 T
Celloflake	56.00	EA	2.22	124.32 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.70	270.00
Heavy Equipment Mileage	300.00	MI	4.50	1,350.00
Proppant & Bulk Del. Chgs., per ton mil	1,420.00	EA	1.50	2,130.00
Depth Charge; 0-500'	1.00	EA	600.00	600.00
Blending & Mixing Service Charge	320.00	BAG	0.84	268.80
"Service Supervisor, first 8 hrs on loc.	1.00	EA	105.00	105.00

Company_____

WellName_____

G/LAccount_____

Approval_____

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	8,006.34
TAX	246.19
INVOICE TOTAL	8,252.53

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 17628 A

DATE TICKET NO.

DATE OF JOB 1-22-19	DISTRICT Pratt	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐	CUSTOMER ORDER NO.:
CUSTOMER K-3 Oil + Gas		LEASE Sumpter	WELL NO. 3-14
ADDRESS		COUNTY Sumner	STATE KS
CITY	STATE	SERVICE CREW Matt A Mariano Diaz	
AUTHORIZED BY		JOB TYPE: 2-42 13 3/8 Conductor	

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
20920	7.5				
19860	.5				
	.5				

	DATE	AM/PM	TIME
TRUCK CALLED	1-21	AM (PM)	2:00
ARRIVED AT JOB		AM (PM)	4:30
START OPERATION		AM (PM)	11:18
FINISH OPERATION	1-22	AM (PM)	6:40
RELEASED		AM (PM)	7:45
MILES FROM STATION TO WELL			100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
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SIGNED: X Amanda V.
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP100	common cmt	SK	100		1600 —
CP103	60/40 poz	SK	120		1440 —
CC 109	calcium chloride	lb	594		623 70
CC 102	Cellaflake	lb	56		207 20
E100	H.W. mi (c)	mi	100		450 —
E101	Heavy eq mi (c)	mi	300		2250 —
E113	Proppant bulk del.	TM	1420		3550 —
CE 200	Depth charge 0-500'	Hr	1		1000 —
CE 240	blend + mix	SK	320		448 —
5003	Supervisor	EA	1		175 —
CP100C	common cmt	SK	100		1600 —

SUB TOTAL 13,343 90

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		8,002 34

JWA

SERVICE REPRESENTATIVE Mike Mattal

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X Amanda V.
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC energy services, L.P.

TREATMENT REPORT

Customer M-3 OIL + GAS	Lease No.		Date 1-22-19
Lease Sumner	Well # 3-14		
Field Order # 17628	Station Pratt	Casing 13 3/8 Depth 62'	County Sumner State KS
Type Job Surface 13 3/8 conductor	Formation RTD 72'		Legal Description 14-30S-01E

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size	Shots/Ft		Acid 110 sks 60/40 poz	RATE	PRESS	ISIP
Depth 62	Depth	From	To	Pre Pad 300 cc	Max .25 PPG C.F.		5 Min.
Volume 13	Volume	From	To	Pad 100 sks	Min common		10 Min.
Max Press 300	Max Press	From	To	Frac 300 cc	Avg 2.5 BPS 6.6		15 Min.
Well Connection S	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 42	Packer Depth	From	To	Flush 9.9	Gas Volume		Total Load

Customer Representative DUSTIN DAY | Station Manager WESTERMAN | Treater MATTAL

Service Units	83353		84980	20920		19889	19866		84961		
Driver Names	MATTAL		MARIANO			D.A	Z		DAZ		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30					ON LOCATION / SAFETY MEETING
5:40					RUN 13 3/8 CASING
10:40					CSNG ON BOTTOM
11:05					HOOK TO CSNG / BREAK CIRC
11:18	200		11 ~~15~~	4.5	MIX ~~50~~ 110 SKS 60/40 POZ
11:26	200		22	4.5	MIX 100 SKS COMMON
11:27	200			4	START DISPLACEMENT
11:30	200		9.9		PLUG DOWN / SHUT IN WELL
					INFO CEMENT TO SURFACE
					1 JT OF 1" IN WELL
12:30			15		MIX ~~70~~ SKS 60/40 POZ
6:25			22		MIX 100 SKS COMMON
					CEMENT TO SURFACE
					JOB COMPLETE
					THANK YOU!
					MIKE MATTAL
					EDMUNDO + JOSE

Taylor Printing, Inc. 620-672-3656