



1100368

Operator Name: Atlas Operating LLC Lease Name: Garden City Well #: 17-20
Sec. 20 Twp. 22 S. R. 33 East West County: Finney

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy) List All E. Logs Run: Attached
Log Formation (Top), Depth and Datum Sample
Name Top Datum
Heebner shale 3798 -906
Lansing 3840 -948
Cherokee Shale 4454 -1562
Morrow shale 4638 -1746
St Genevieve 4677 -1785
St Louis 4727 -1835

CASING RECORD New Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
Depth
Table with columns: Shots Per Foot, Footage, Material, Depth

TUBING RECORD: Size: 2.375 Set At: 4764 Packer At: Liner Run: Yes No
Date of First, Resumed Production, SWD or ENHR. 08/22/2012
Producing Method: Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours: Oil 1.8 Bbls. Gas 0.1 Mcf Water 16 Bbls. Gas-Oil Ratio 50 Gravity

DISPOSITION OF GAS: Vented Sold Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) Other (Specify)
PRODUCTION INTERVAL: St Louis 4725-4730

Form	ACO1 - Well Completion
Operator	Atlas Operating LLC
Well Name	Garden City 17-20
Doc ID	1100368

All Electric Logs Run

Dual Induction log
Compensated Neutron- Density
Microlog
Cbl



PO Box 93999
Southlake, TX 76092

Voics: (817) 546-7282
Fax: (817) 246-3361

344648
344753

INVOICE

Invoice Number: 131990
Invoice Date: Jul 17, 2012
Page: 1



RECEIVED AUG 02 2012

Bill To:
Atlas Operating 15803 Kuykendahl Suite #200 Houston, TX 77090-3655

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Atlas	Garden City #17-20 ✓	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 17, 2012	8/16/12

Quantity	Item	Description	Unit Price	Amount
225.00	MAT	Class A Common	16.25	3,656.25
4.00	MAT	Gel	21.25	85.00
8.00	MAT	Chloride	58.20	465.60
243.80	SER	Cubic Feet	2.10	510.93
832.50	SER	Ton Mileage	2.35	1,956.38
1.00	SER	Surface	1,125.00	1,125.00
29.53	SER	Extra Footage	0.95	28.05
75.00	SER	Pump Truck Mileage	7.00	525.00
1.00	SER	Manifold Head Rental	200.00	200.00
75.00	SER	Light Vehicle Mileage	4.00	300.00
1.00	EQP	8.5/8 Surface Wooden Plug	92.00	92.00
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	Ethan Glassman		

Cement
1600
EA
8/7/12

6 5/8 Surface

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$28,96.05

ONLY IF PAID ON OR BEFORE
Aug 11, 2012

Subtotal	8,944.21
Sales Tax	320.26
Total Invoice Amount	9,264.47
Payment/Credit Applied	
TOTAL	9,264.47

ALLIED OIL & GAS SERVICES, LLC 056246

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <u>7-17-12</u>	SEC <u>20</u>	TWP <u>22</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION	JOB START <u>7:27 AM</u>	JOB FINISH <u>7:00 PM</u>
LEADS <u>Garland City</u>	WELLS <u>17-20</u>		LOCATION <u>Barlow Rd (NW) 1/2 S into</u>		COUNTY <u>Finney</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>						1.01 1.45	

CONTRACTOR Pioneer #2 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 843

CASING SIZE 8 1/2 DEPTH 329.53

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CEG. 15'

PERFS. 1

DISPLACEMENT 20.07

EQUIPMENT

PUMP TRUCK # <u>423-281</u>	CEMENTER <u>Dustin Rosette</u>	<u>1</u>
BULK TRUCK # <u>376-306</u>	HELPER <u>Tyler Ellipse</u>	<u>2</u>
BULK TRUCK #	DRIVER <u>Ethan Glassman</u>	<u>3</u>
BULK TRUCK #	DRIVER	

CEMENT AMOUNT ORDERED 225 SKS Com 3% CC

2% Gel

COMMON	<u>225 SKS</u>	<u>\$16.25</u>	<u>\$3656.25</u>
POZMIX			
ORL	<u>4 SKS</u>	<u>\$5.25</u>	<u>\$21.00</u>
CHLORIDE	<u>8 SKS</u>	<u>\$57.12</u>	<u>\$456.96</u>
ASC			
HANDLING	<u>225 SKS</u>	<u>\$2.28</u>	<u>\$513.00</u>
MILEAGE	<u>1110 x 7.25</u>	<u>\$8.00</u>	<u>\$892.50</u>
		TOTAL	<u>\$6674.71</u>

REMARKS:

mlr 225 SKS Cement

Dispensed with water

Cement did disperse

Thank You.

SERVICE

DEPTH OF JOB	<u>329.53'</u>	
PUMP TRUCK CHARGE		<u>\$1105.00</u>
EXTRA FOOTAGE	<u>29.53'</u>	<u>\$95.00</u>
MILEAGE	<u>75</u>	<u>\$712.50</u>
MANIFOLD	<u>Head</u>	<u>\$200.00</u>
LUMBER	<u>Head</u>	<u>\$300.00</u>
Bid		TOTAL <u>\$2178.00</u>

CHARGE TO: Atlas operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1 Surface Plug wooden</u>	<u>\$92.00</u>
TOTAL <u>\$92.00</u>	

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) 320.26

TOTAL CHARGES 8,944.21

DISCOUNT 20 1788.87 IF PAID IN 30 DAYS

2236.05

PRINTED NAME Edward Thomas

SIGNATURE _____



545672
346059



INVOICE

PO Box 93999
Southlake, TX 78092

Invoice Number: 132187

Invoice Date: Aug 2, 2012

Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361



Bill To:
Atlas Operating
16603 Kuykendahl Suite #200
Houston, TX 77090-3655

RECEIVED " " 2 2012

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Atlas	Garden City #17-20	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 2, 2012	8/1/12

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel - No Charge		
200.00	MAT	ASC	19.00	3,800.00
200.00	MAT	Lightweight Type II	14.50	2,900.00
19.00	MAT	Salt - No Charge		
1,000.00	MAT	Gilsonite	0.89	890.00
50.00	MAT	Flo Seal	2.70	135.00
500.00	MAT	Super Flush	1.27	635.00
5.00	SER	Waiting Time	300.00	1,500.00
480.95	SER	Cubic Feet	2.10	1,010.00
1,533.02	SER	Ton Mileage	2.35	3,602.60
1.00	SER	Production -- Bottom Stage	2,405.00	2,405.00
75.00	SER	Pump Truck Mileage	7.00	525.00
1.00	SER	Manifold Head Rental	200.00	200.00
75.00	SER	Light Vehicle Mileage	4.00	300.00
1.00	EQP	4.5 D V Tool	3,187.00	3,187.00
1.00	EQP	4.5 AFU Float Shoe	327.00	327.00
1.00	EQP	4.5 Latch Down Plug	233.00	233.00
2.00	EQP	4.5 Basket	270.00	540.00
11.00	EQP	4.5 Centralizer	48.00	528.00
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Dane Retziuff		

Cement 160005
E.A 8/22/12
4 1/2 Prod
1st sta

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ _____

ONLY IF PAID ON OR BEFORE
Aug 27, 2012

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 132187

Invoice Date: Aug 2, 2012

Page: 2

Voice: (817) 546-7282
Fax: (817) 246-3361



Bill To:
Atlas Operating 15603 Kuykendahl Suite #200 Houston, TX 77090-3655

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Atlas	Garden City #17-20	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 2, 2012	9/1/12

Quantity	Item	Description	Unit Price	Amount
1.00	OPER ASSIST	Chris Helpingstine		
1.00	OPER ASSIST	Adam Holcomb		
1.00	OPER ASSIST	Jeremy Sterger		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$5401.06

ONLY IF PAID ON OR BEFORE
Aug 27, 2012

Subtotal	22,717.60
Sales Tax	981.54
Total Invoice Amount	23,699.14
Payment/Credit Applied	
TOTAL	23,699.14

ALLIED CEMENTING CO., LLC. 034520 A

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT
Dallas, Ks

DATE <u>8-2-12</u>	SEC <u>20</u>	TWR <u>22</u>	RANGE <u>35</u>	CALLED OUT	JOB LOCATION <u>11100 W 110th</u>	JOB START <u>10:00 AM</u>	JOB END <u>1:00 PM</u>
LEASE <u>City</u>	WELL # <u>17-20</u>	LOCATION <u>Tennis to Barlow Rd.</u>			COUNTY <u>Finney</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>				5601 S E 110th			

CONTRACTOR <u>Pioneer Rig 2</u>	OWNER <u>Jam</u>
TYPE OF JOB <u>Production Battery Stage</u>	
HOLE SIZE <u>2 7/8</u>	T.D. <u>4923.73</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>4923.73</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>DD</u>	DEPTH <u>2686.96</u>
PREL. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.23</u>
CEMENT LEFT IN CBL. <u>42.23</u>	
PERFS.	
DISPLACEMENT <u>72.28</u>	

CEMENT
AMOUNT ORDERED 2000 lbs 2 1/2 x 80 - seal
2000 lbs 2 1/2 x 80 - seal
500 gal Superflus

COMMON			
POZMIX			
GRBL	<u>250</u>	<u>265</u>	<u>NC</u>
CHLORIDE			
ASC	<u>2000 lbs</u>	<u>19.00</u>	<u>38000.00</u>
<u>Water</u>	<u>2000 lbs</u>	<u>19.50</u>	<u>39000.00</u>
<u>Water</u>	<u>19.50</u>	<u>23.25</u>	<u>NC</u>
<u>Water</u>	<u>25</u>	<u>25</u>	<u>625.00</u>
<u>Water</u>	<u>500</u>	<u>2.85</u>	<u>1425.00</u>
<u>Water</u>	<u>300 gal</u>	<u>2.22</u>	<u>666.00</u>
<u>Water</u>	<u>545</u>	<u>290.00</u>	<u>15855.00</u>
HANDLING	<u>2.10</u>	<u>700.00</u>	<u>1470.00</u>
MILBAGS <u>20.876 x 22 x 255</u>	<u>255</u>	<u>3602.00</u>	<u>9257.00</u>
	<u>1533.02</u>	TOTAL	<u>19427.00</u>

PUMP TRUCK	COMENTER <u>Lolene Ward</u>	DRIVER <u>Chris Helms</u>
# <u>481</u>	HELPER <u>Dana Ketchum</u>	
BULK TRUCK		
# <u>896/306</u>	DRIVER <u>Adam Helms</u>	
BULK TRUCK		
# <u>896/306</u>	DRIVER <u>Darany Stanger</u>	

REMARKS
Ramp ball through well pump North
Removal of pump. M.V. Dyer. Plug
plug with 2 1/2 x 80 - seal. 1500 lbs
water & mud. Seal plug 1500 lbs
Water held. Open 10 min. 2000
Circulate 1 hr.
Thank you

CHARGE TO: Atlas Operating LLC
STREET _____
CITY _____ STATE _____ ZIP _____

DEPTH OF JOB <u>4923.73</u>		
PUMP TRUCK CHARGE		<u>2800.00</u>
EXTRA FOOTAGE		
MILBAGS <u>75</u>	<u>2.00</u>	<u>1500.00</u>
MANIFOLD <u>head</u>		<u>200.00</u>
<u>2 1/2 milbags 75</u>	<u>4.00</u>	<u>300.00</u>
		TOTAL <u>3400.00</u>

PLUG & FLOAT EQUIPMENT

<u>4 1/2" weatherford</u>		
<u>DD tool</u>		<u>382.00</u>
<u>float catchers</u>		<u>320.00</u>
<u>float down dug</u>		<u>250.00</u>
<u>2 baskets</u>	<u>220.00</u>	<u>440.00</u>
<u>21 Central seal</u>	<u>400</u>	<u>520.00</u>
	TOTAL	<u>1815.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
SIGNATURE Edward Howard

SALTS TAX (If Any) 981.55
TOTAL CHARGES 22,717.55
DISCOUNT 1/20 540.06 IF PAID IN 30 DAYS

Bld acct/20/45

Line
1543.50
3857.56



345024
3/6/08



INVOICE

PO Box 93999
Southlake, TX 78082

Invoice Number: 132188

Invoice Date: Aug 2, 2012

Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361



Bill To:
Atlas Operating
15603 Kuykendahl Suite #200
Houston, TX 77090-3655

RECEIVED JUL 20 2012

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Atlas	Garden City #17-20 ✓	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 2, 2012	8/1/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class C Premium Plus	22.15	3,322.50
600.00	MAT	Lightweight Type II	14.50	8,700.00
3,000.00	MAT	Gilsonite	0.89	2,670.00
150.00	MAT	Flo Seal	2.70	405.00
868.80	SER	Cubic Feet	2.10	1,824.48
2,736.75	SER	Ton Mileage	2.35	6,431.36
1.00	SER	Production - Top Stage - No Charge		
1.00	CEMENTER	LaRene Wentz		
1.00	EQUIP OPER	Dane Retzliff		
1.00	OPER ASSIST	Chris Helpingstine		
1.00	OPER ASSIST	Adam Holcomb		
1.00	OPER ASSIST	Jeremy Sterger		

Cementing
10000B

EA
8/22/12

4 1/2 Prod -
2nd stage

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 4670.78

ONLY IF PAID ON OR BEFORE
Aug 27, 2012

Subtotal	23,353.34
Sales Tax	1,124.76
Total Invoice Amount	24,478.10
Payment/Credit Applied	
TOTAL	24,478.10

Saman Sharifaie

Petroleum Geologist

API #15-055-22169

API #15-055-22169

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY Atlas Operating, LLC
LEASE Garden #17-20
FIELD Deanna
LOCATION 1650' PNL & 990' REL.
SEC 20 **TWSP** 22S **RGE** 33W
COUNTY Finney **STATE** Kansas
CONTRACTOR Pioneer Drilling #2
SPUD 07/18/12 **COMP** 07/31/12
RTD 4888' **LTD** 4912'
MUD UP 3500' **TYPE MUD** Chemical
SAMPLES SAVED FROM 3900' **TO RTD**
DRILLING TIME KEPT FROM 3650' **TO RTD**
SAMPLES EXAMINED FROM 3900' **TO RTD**
GEOLOGICAL SUPERVISION FROM 3800'
REFERENCE WELL Garden City #1-20

ELEVATIONS

KB 2892'
DF _____
GL 2894'
 Measurements Are All From Kelly Bushing

CASING

CONDUCTOR _____
SURFACE 8-5/8" at 343'
PRODUCTION 4-1/2" at 4912'

ELECTRICAL SURVEYS

CND: DIL; MDL
Pioneer

Formation	Sample Tops	E-log Tops	Strat. Pos.
Headbar Shale	3798 (-906)	3796 (-906)	-7
Landing	3836 (-944)	3840 (-948)	-9
BKC	4300 (-1408)	4307 (-1415)	-7
Permian	4402 (-1510)	4410 (-1518)	-11
Rt. Scott	4429 (-1537)	4436 (-1544)	-11
Cherokee	4446 (-1554)	4454 (-1562)	-10
Marion Sh	4638 (-1746)	4638 (-1746)	-4
St. Genevieve	4667 (-1775)	4677 (-1885)	-15
St. Louis	4734 (-1842)	4727 (-1835)	+2

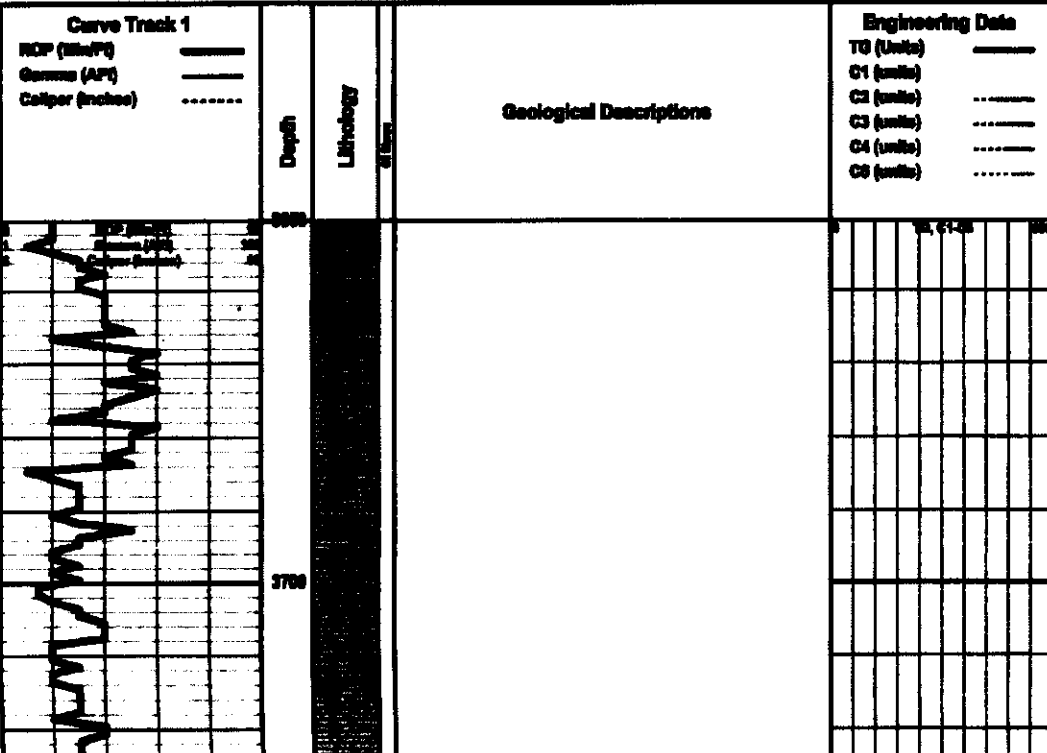
REMARKS Due to oil shows in multiple pay zones it is recommended and agreed upon that production casing be set to further evaluate this well.

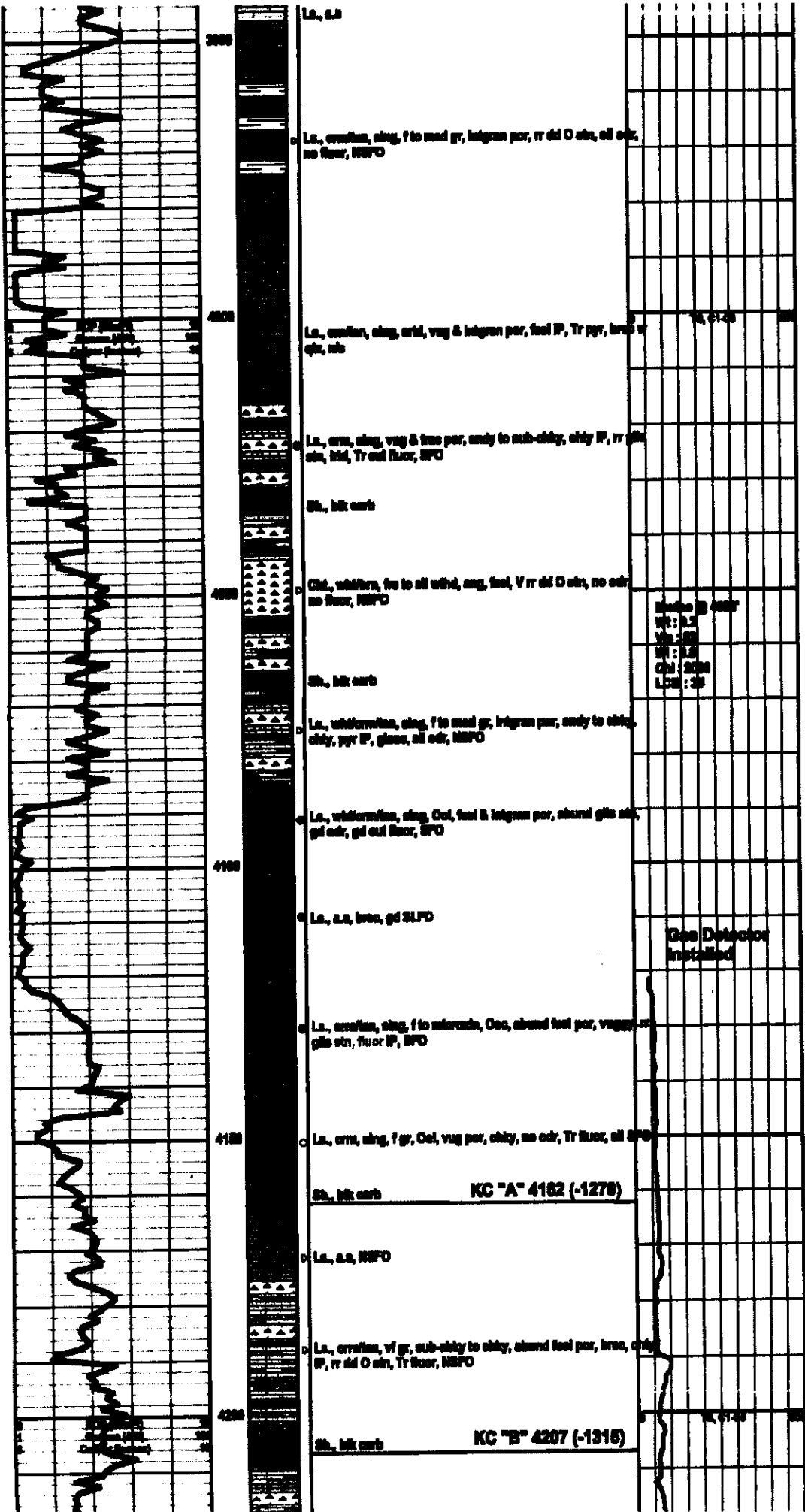
Respectfully Submitted,

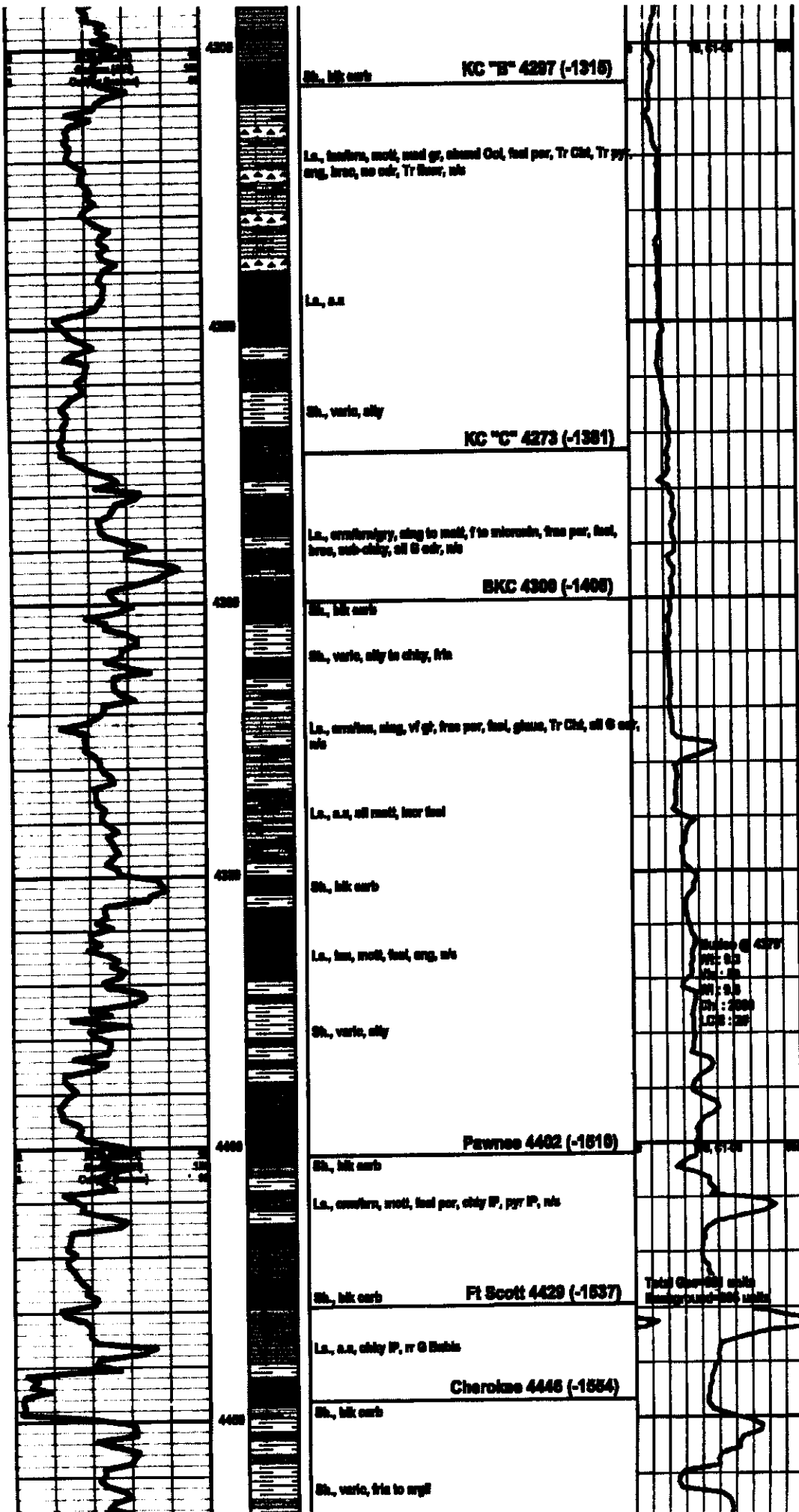
API #15-055-22169

Saman Sharifaie

Petroleum Geologist







KC "B" 4297 (-1315)

Sh., blk carb
 Ls., limestr, mott, sand gr, shand Col, fossil par, Tr Chd, Tr pyr, arg, brss, no carb, Tr Buar, etc

Ls., s.s.

Sh., varie, silty

KC "C" 4273 (-1381)

Ls., coniform, silty to med, f to micromin, fine par, fossil, brss, sub-shaly, all G carb, etc

BKC 4309 (-1408)

Sh., blk carb

Sh., varie, silty to shaly, frs

Ls., coniform, silty, v of gr, fine par, fossil, glauc, Tr Chd, all G carb, etc

Ls., s.s., all med, hor fossil

Sh., blk carb

Ls., blk, mott, fossil, arg, etc

Sh., varie, silty

Pawnee 4402 (-1810)

Sh., blk carb

Ls., coniform, mott, fossil par, shaly IP, pyr IP, etc

Ft Scott 4429 (-1837)

Sh., blk carb

Ls., s.s., shaly IP, r G Buis

Cherokee 4446 (-1854)

Sh., blk carb

Sh., varie, frs to argl

Total thickness with
 Pawnee 4402 unit

