

Confidentiality Requested:

Yes No

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1215655

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 #	API No. 15 -
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil         □ WSW         □ 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:         □ Well Name:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth:	
□ Deepening     □ Re-perf.     □ Conv. to ENHR     □ Conv. to SWD       □ Plug Back     □ Conv. to GSW     □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
□ Commingled         Permit #:	Chloride content:ppm Fluid volume:bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:
☐ ENHR       Permit #:         ☐ GSW       Permit #:	Operator Name:            Lease Name:    License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	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:								

Operator Name:			Lease Name:			Well #:			
SecS.	R	East West	County:						
INSTRUCTIONS: Show imports open and closed, flowing and and flow rates if gas to surface	shut-in pressure	es, whether shut-in pre	ssure reached stati	c level, hydrosta	tic pressures, bott				
Final Radioactivity Log, Final files must be submitted in LA				gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests Taken (Attach Additional Sheets)		☐ Yes ☐ No			on (Top), Depth an		Sample		
Samples Sent to Geological S	Survey	Yes No	Nam	Э		Тор	Datum		
Cores Taken Electric Log Run		Yes No							
List All E. Logs Run:									
		CASING Report all strings set-o	RECORD Ne		on etc				
2 (2)	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent		
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives		
	<u> </u>	ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	ı			
Purpose:  Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives					
Plug Off Zone									
Did you perform a hydraulic fractu Does the volume of the total base Was the hydraulic fracturing treat	fluid of the hydrau	ulic fracturing treatment ex		Yes [ Yes [ Yes [ Yes [	No (If No, ski	p questions 2 ar p question 3) out Page Three			
Shots Per Foot		I RECORD - Bridge Plug otage of Each Interval Perf			cture, Shot, Cement		d Depth		
	Spoon, 1 oc		J. C.	(, ,		onal Good	Sopa.		
TUBING RECORD: Siz	re:	Set At:	Packer At:	Liner Run:	Yes No				
Date of First, Resumed Producti	on, SWD or ENHF	R. Producing Meth		Gas Lift C	Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbl		Mcf Wate			as-Oil Ratio	Gravity		
DISPOSITION OF G	3ΔS·			TION		PRODI ICTIC	N INTERVAL:		
DISPOSITION OF GAS:  WETHOD OF COMPLETION:  PRODUCTION INTERVA  Dually Comp. (Submit ACO-4)									

Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Biggs 21D 1X
Doc ID	1215655

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1175	65/35 Pozmix	550	6% gel, 3% cc & 2% gel, 3% cc
Production	7.875	5.5	15.5	4265	ASC	170	10% salt, 2% gel, 6% Gyp- Seal, 5#/sx KolSeal, 1/4% CDI- 26

## Adam Eldani Geo-Log/Report WellSight Systems

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

Well Name: #1 X BIGGS 21D

Location: SEC 21-TOWNSHIP 21S- RANGE 18W PAWNEE COUNTY

License Number: API 15-145-21759 Region: KANSAS

Spud Date: 04/03/2014 Drilling Completed: 04/16/2014
Surface Coordinates: (Plugged & Abandoned the Biggs 21D #1 due to abnormal vertical borehole

deviation; the rig moved 25' west and 3' north to alternate location) 1975' FSL &

**Bottom Hole** 

Coordinates: Deviation Surveys are detailed through out the Geo-Report.

Ground Elevation (ft): 2090' K.B. Elevation (ft): 2099' Logged Interval (ft): 1900' To: 4551' Total Depth (ft): 4551'

Formation: Precambrian

Type of Drilling Fluid: Mud-Co Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.cor

#### **OPERATOR**

Company: Ritchie Exploration Inc. (drilled by Southwind Drilling Rig #2)

Address: 8100 E. 22nd ST. N. #700

Wichita, KS, 67278-3188

#### **GEOLOGIST**

Name: Adam M.A. Eldani
Company: Ritchie Exploration Inc.
Address: 8100 E. 22nd ST. N. #700

Wichita, KS, 67278-3188

3	p~)/	- Kg	[183		3 5
**************************************	\$13-T21S-R19W	S18-T21S-R18W	\$17-T21S-R18W \$16-T21S-R18W	\$15-T21S-R18W	\$14.T215.R18W
819W	SSHTSIS R19W	S19-T21S-R18W	\$20-T21\$-R18W \$21-T21\$-R18W	\$22-T21S-R18W	\$23-T21S-R18W
R19W	\$25-1215.R19W	\$39.T215-R18W	\$29-T21S-R18W \$28-T21S-R18W	\$27-T21\$-R18W	\$26-T21S-R18W
R19W	S36-T21S-R19W	S31-T21S-R18W	S32-T21S-R48W 183 S33-T21S-R18W	\$34.T215.R18W	S35-T21S-R18W

#### **Tops & Daily Drilling Report**

TOPS:

**DRILLING REPORT** 

Sample Tops: E-log Tops:

Anhydrite: 1168'+931 Anhydrite: 1162'+937 B/Anhydrite: 1195'+904 B/Anhydrite: 1182'+917 Heebner: 3515'-1416 Heebner: 3514'-1415 Toronto: 3528'-1429 Toronto: 3532'-1433 Lansing: 3597'-1498 Lansing: 3589'-1490 Muncie Sh: 3739'-1640 Muncie Sh: 3730'-1631 Stark Sh: 3814'-1715 Stark Sh: 3820'-1721 Hush: 3851'-1752 Hush: 3850'-1751 BKC: 3884'-1785 BKC: 3882'-1783

Marmaton: 3910'-1811 Marmaton: 3897'-1798 Pawnee: 3973'-1874 Pawnee: 3972'-1873 Fort Scott: 3994'-1895 Fort Scott: 3989'-1890 Cherokee Sh: 4002'-1903 Cherokee Sh: 4008'-1909 Cong. Sand: 4025'-1926 Cong. Sand: 4008'-1909 Arbuckle: 4046'-1947 Arbuckle: 4024'-1925 Reagan Sand: 4438'-2339 Reagan Sand: N/A Granite: 4460'-2361 Granite: 4468'-2369 RTD: 4550'-2451 LTD: 4551'-2452

#### **DAILY DRILLING REPORT:**

#### DATE DEPTH:

4/03 Spud

4/04 760'

4/05 1175'

4/06 1850'

4/07 2475'

4/08 3140'

4/09 3632'

4/10 3780'

4/11 3826'

4/12 3874'

4/13 3888'

4/14 4043'

4/15 4120' 4/16 4470'

4/17 4550'

Misc.

All DST's info. are NEAR the correct log depth.

RIG: Southwind Rig #2

TOOL PUSHER: Bill Sanders
MUD: MUD CO. (Jason Whiting)
GAS DETECTOR: MBC Well Service,

DRILL STEM TEST'S: Diamond Testing, Mike Cochran

LOGS: NABORS ( Jason Cappellucci)

**OFFICE: Mike Engelbrecht** 

#### **Comments**

Ran 28 jts new 24# 8-5/8" surface casing. Tally at 1163', set at 1175'. Cemented with 400 sacks 65/35 Poz, 6% gel, 3% cc and 150 sacks common 2% gel, 3% cc. Cement did circulate. Plug down at 3:30 a.m. on 4/5/14.

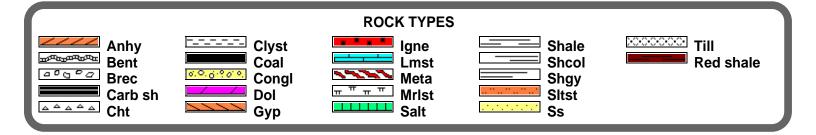
AFTER THE RESULTS OF SAMPLE LOGGING, ELECTRIC LOGGING, AND ALL DST TESTS ANALYSIS & CALCULATIONS; IT WAS DECIDED TO RUN 5 1/2 INCH PRODUCTION CASING TO FURTHER TEST THE #1 X Biggs 21D FOR OIL & GAS COMMERICAL QUANTITIES.

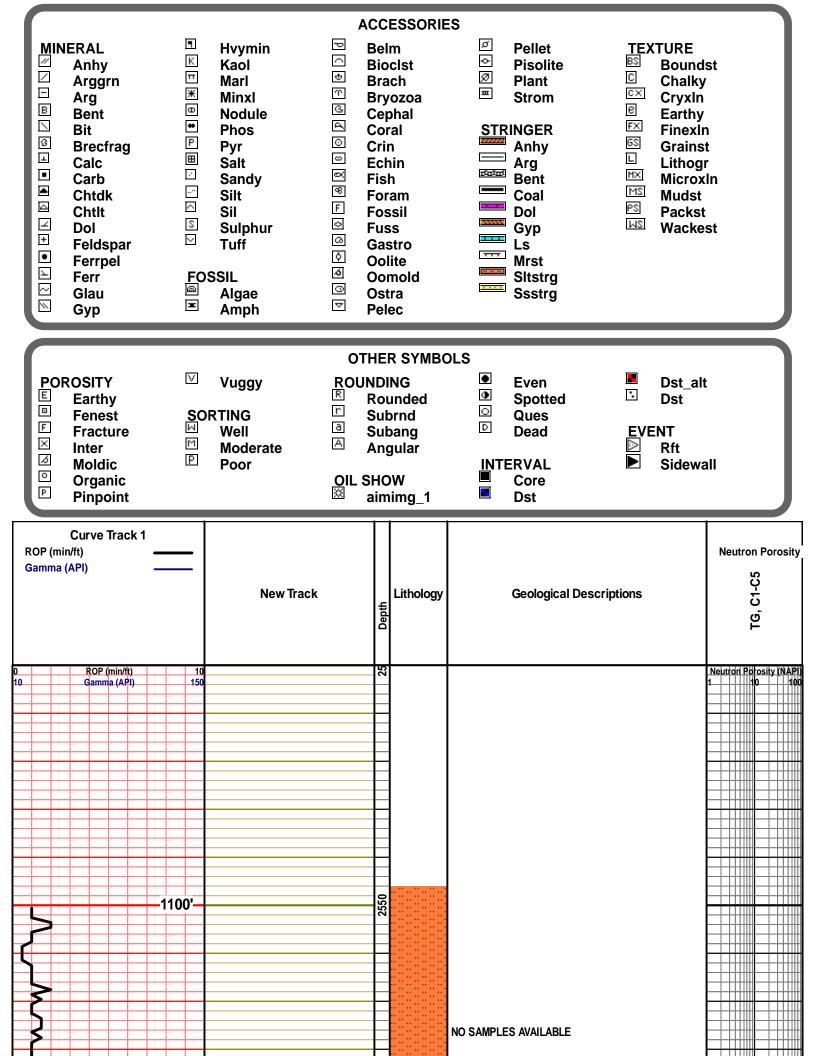
Ran new 5  $\frac{1}{2}$ " 15.5# production casing with basket shoe, set at 4265'. Insert at 4243'. Pumped 500 gallons mud flush. Cemented casing with 170 sacks ASC + 10% salt + 2% gel + 6% Gyp-Seal + 5#/sack Kol-Seal + 1/4% CDI-26. Plug down at 3:30 p.m. Plugged rat hole with 30 sacks.

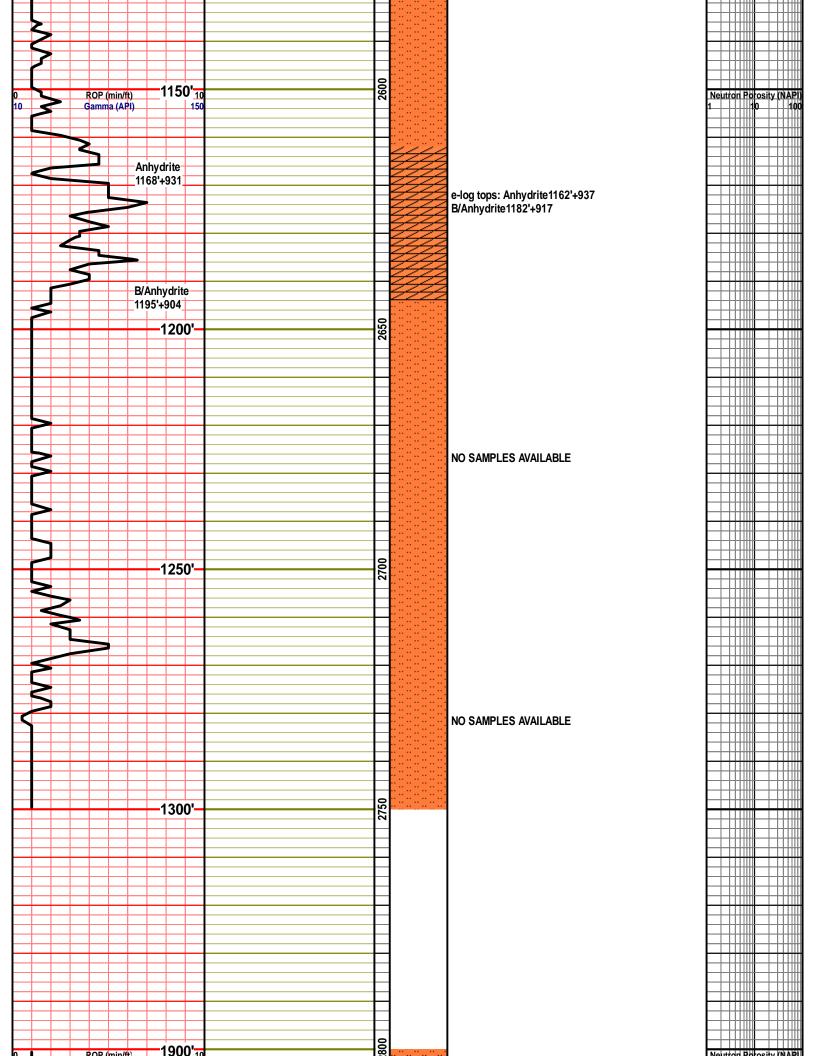
Well Log Surveys BY: NABORS. Compensated Denisty/ Neutron Log, Dual Induction & Sonic.

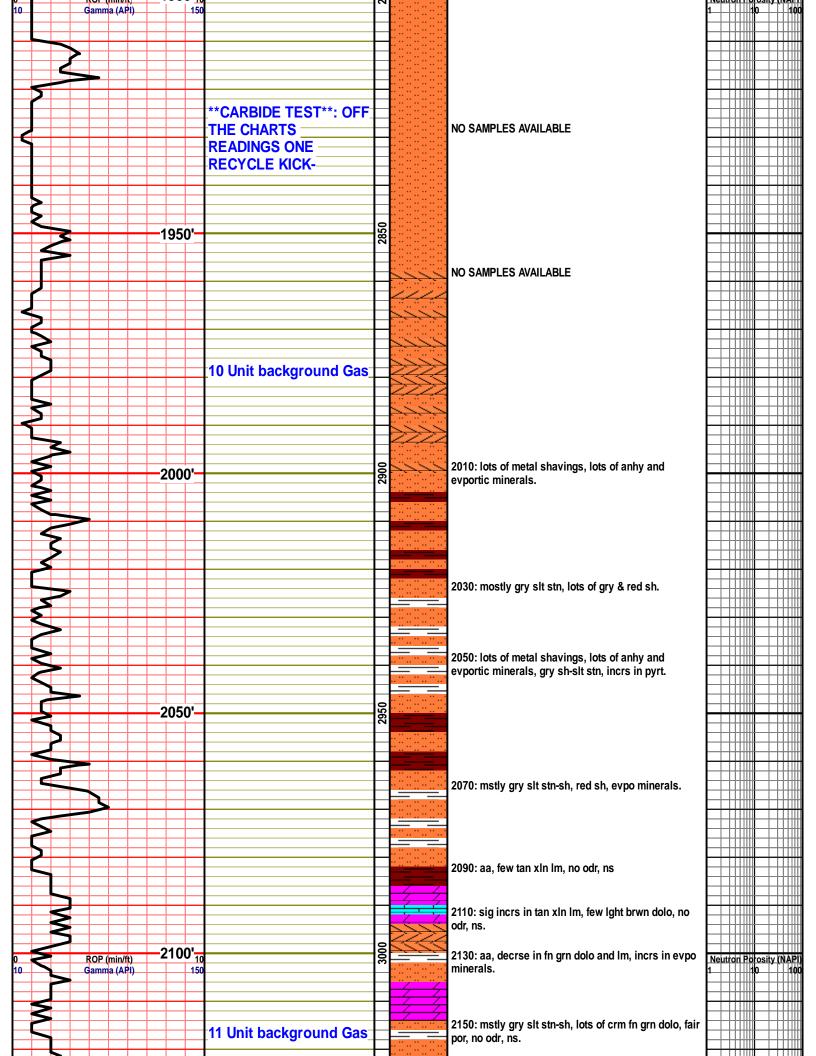
SAMPLES WILL BE DEPOSITED WITH KANSAS GEOLOGICAL SURVEY.

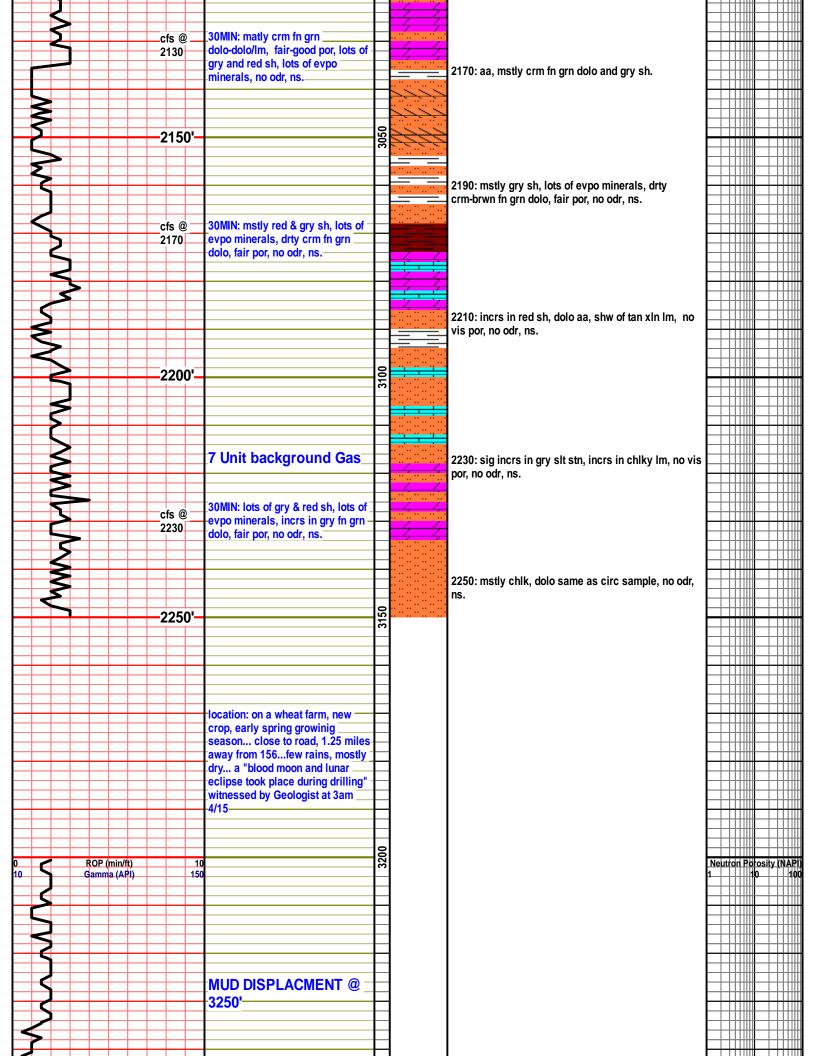
RESPECTFULLY SUBMITTED
Adam M. A. Eldani

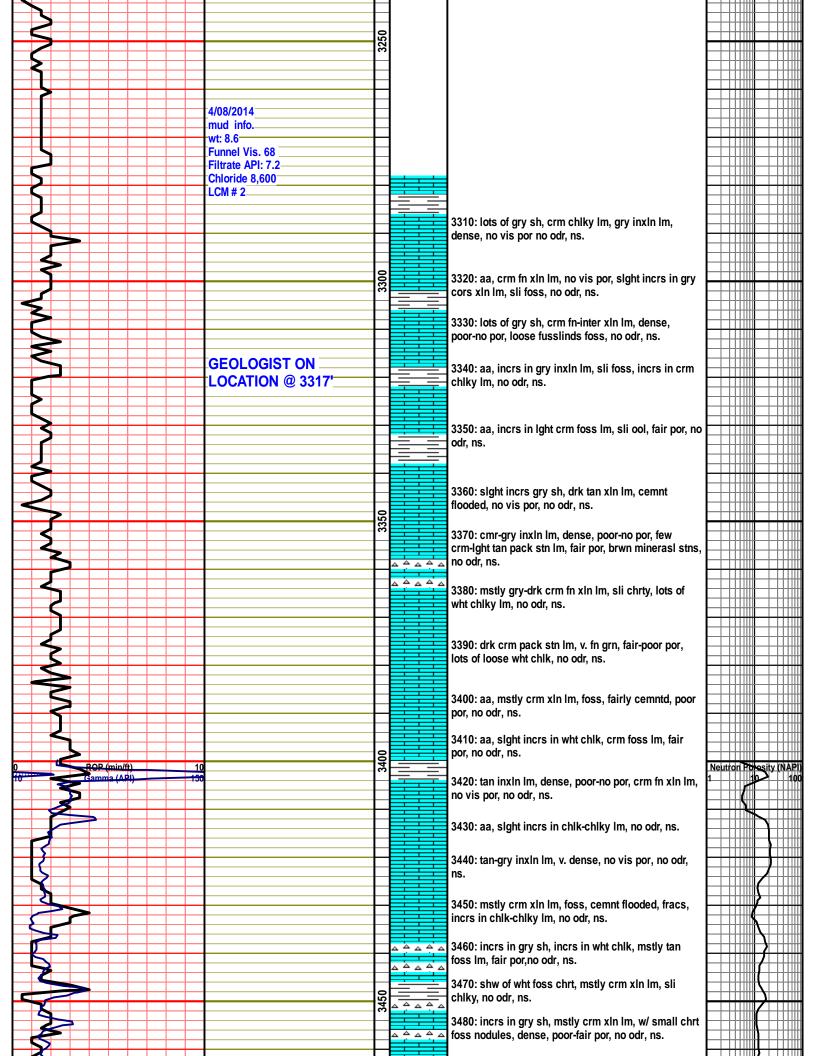


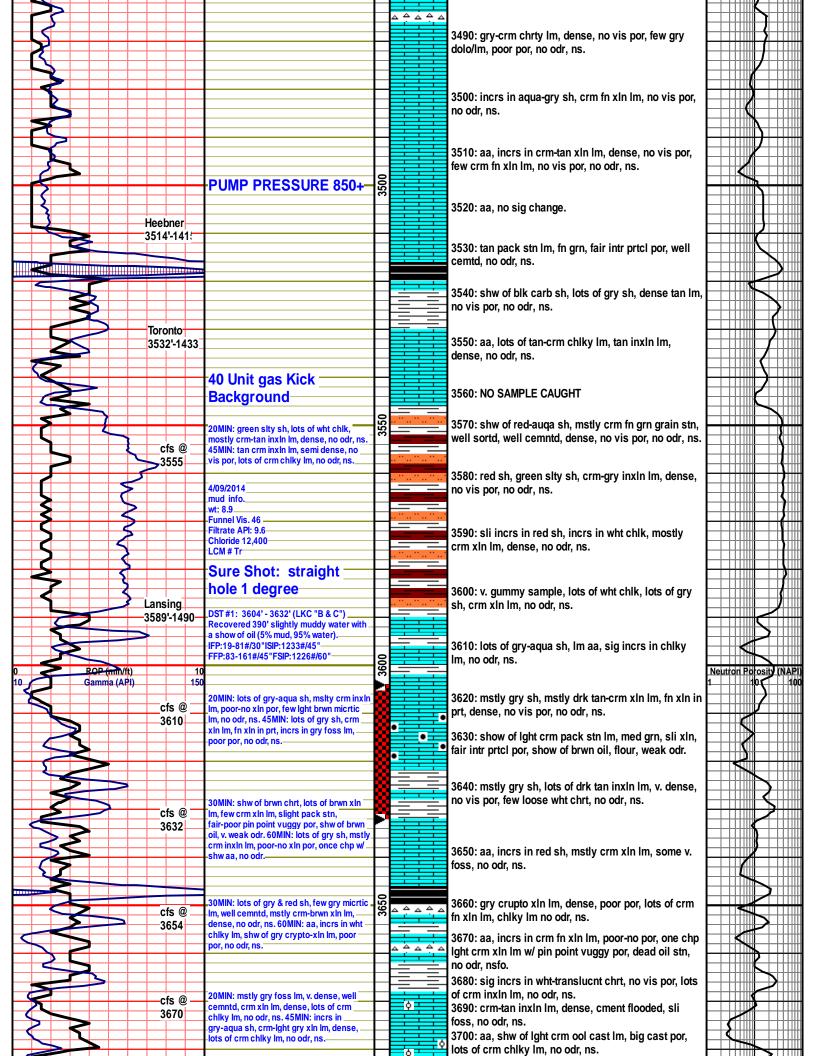


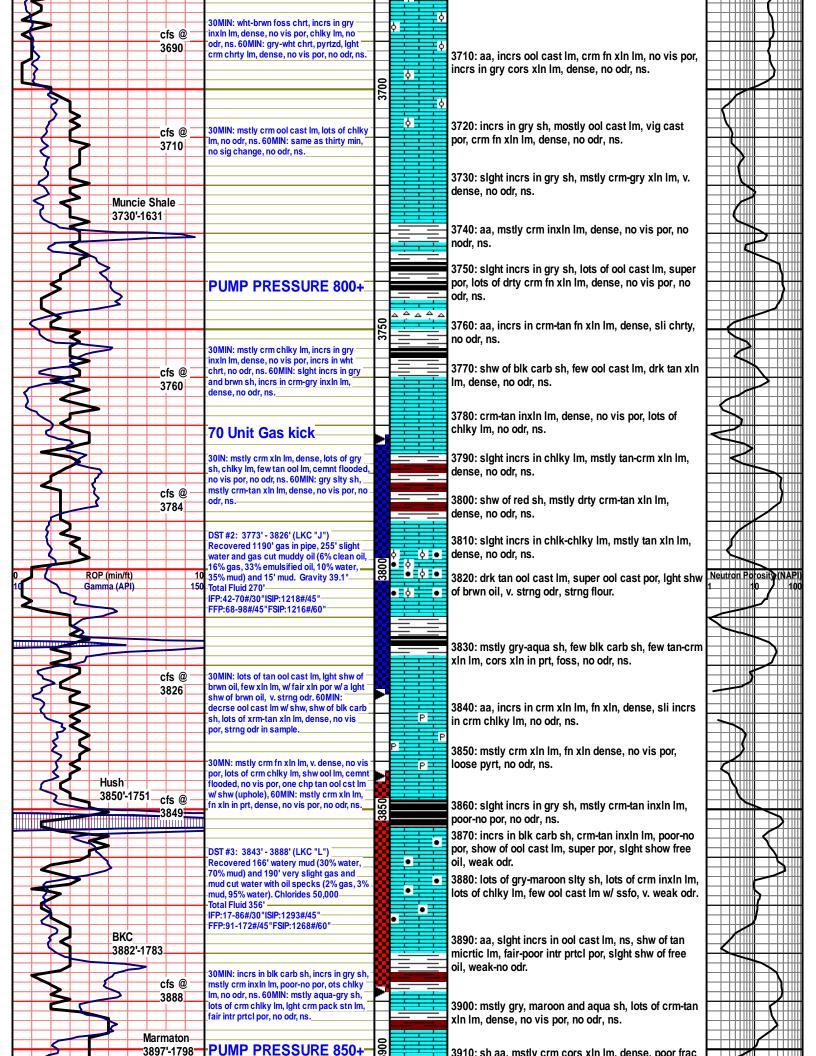


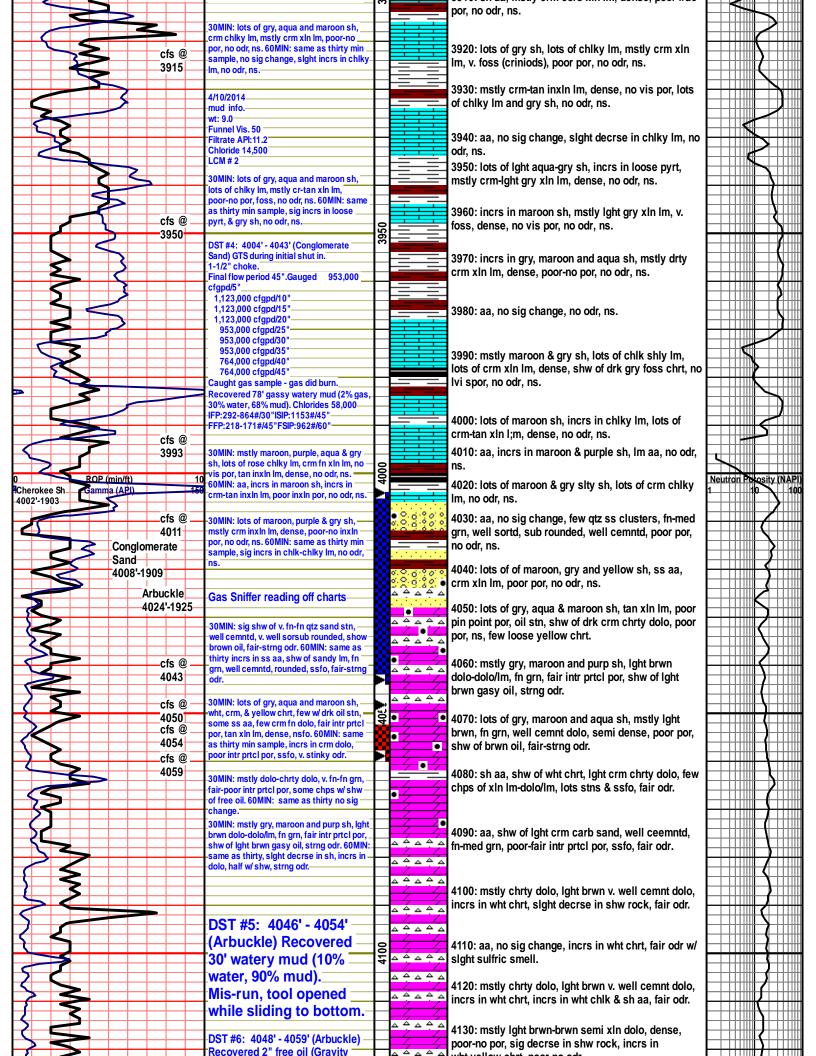


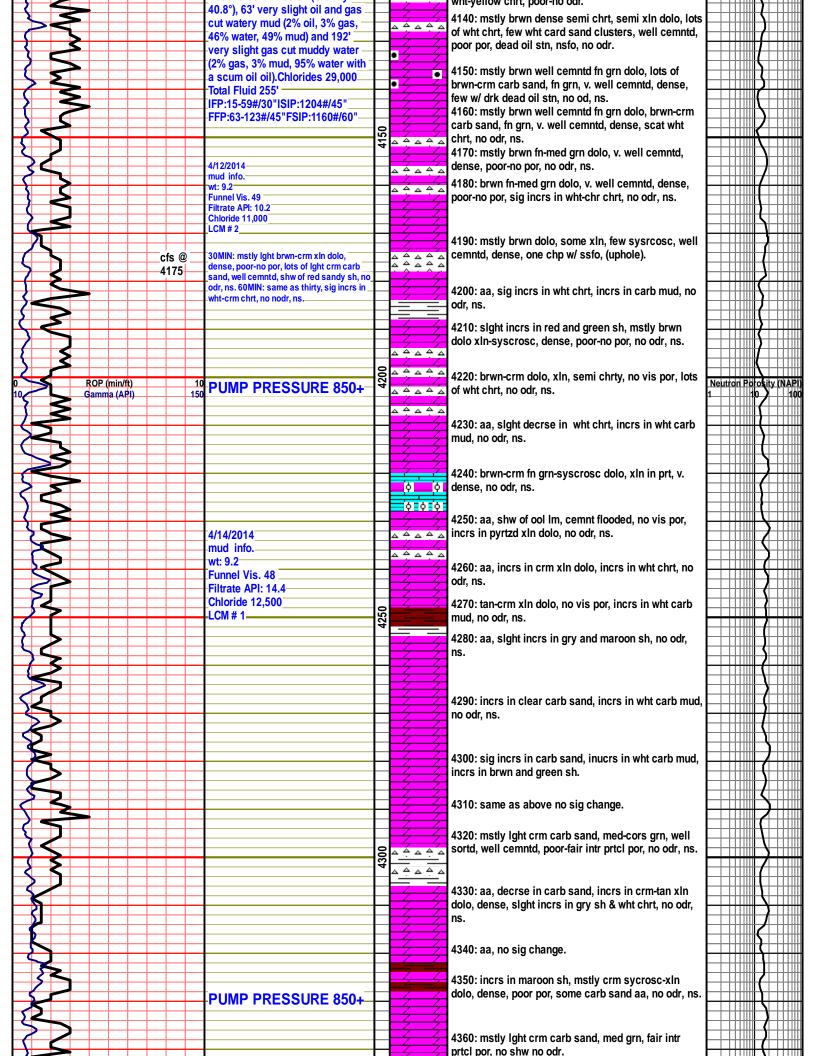


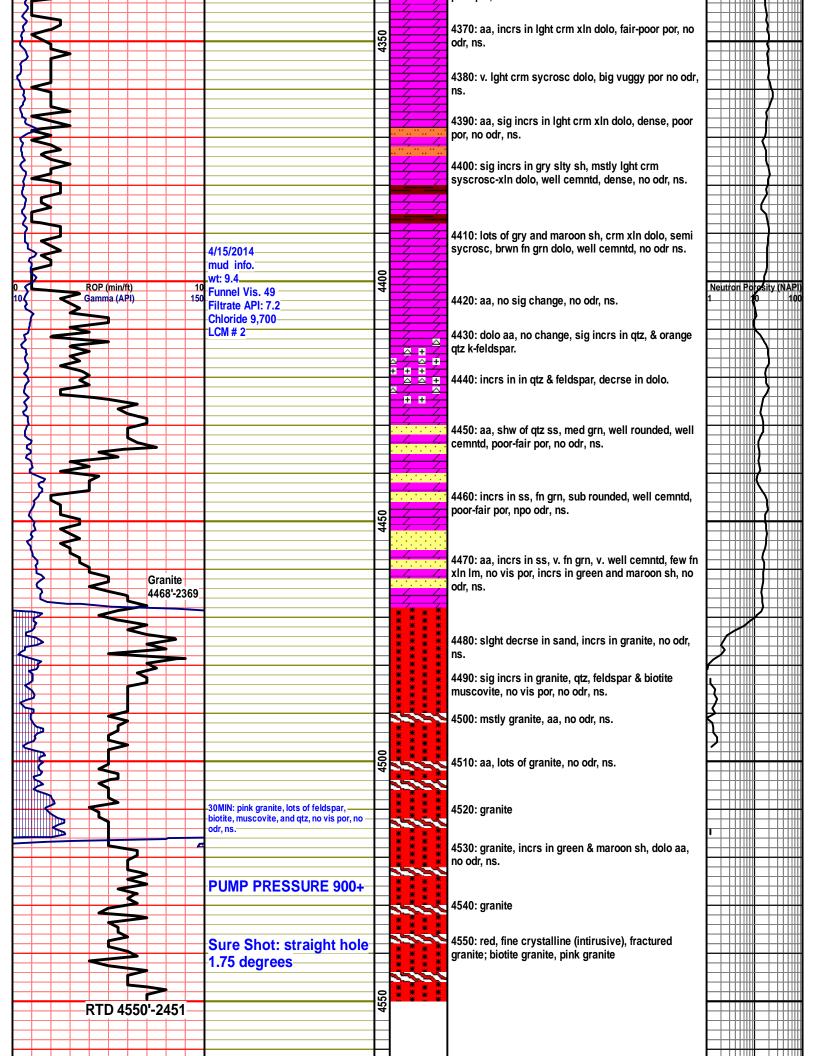












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#### #1X Biggs 21D

(Plugged & Abandoned the Biggs 21D #1 due to excessive vertical borehole deviation and moved 25' west and 3' north for this alternate location)

1978' FSL & 360' FEL

2' S & 30' W of E/2 NE/4 SE/4 Section 21-21S-18W

Pawnee County, Kansas

API# 15-145-21759-0000

Elevation: 2090' GL, 2099' KB

			Ref.
Sample Tops			Well
Anhydrite	1168'	+931	+24
B/Anhydrite	1195'	+904	+18
Heebner	3515	-1416	+80
Toronto	3528'	-1429	+85
Lansing	3597'	-1498	+78
Muncie Shale	3739'	-1640	+76
Stark Shale	3820'	-1721	+76
Hush	3851'	-1752	+82
BKC	3884'	-1785	+83
Marmaton	3910'	-1811	+82
Pawnee	3973'	-1874	+91
Fort Scott	3994'	-1895	+90
Cherokee Shale	4008'	-1909	+110
Conglomerate Sand	4025'	-1926	+95
Arbuckle	4046'	-1947	+126
Reagan Sand	4438'	-2339	N/A
Granite	4460'	-2361	N/A
RTD	4550'	-2451	

DATE U 1444 SEQ 21 TWP 2 SANCE S CALLEDOUT ON LOCATION TO START ST	SUUTHEAKE, I	EXAS 76092 / / ////	5/15/14/	,	ICE POINT: 	./
LEAST JUD FILLE   LOCATION PURICES SOLUTION OF THE COLOR	SEQ.	TWP. RANGE		ON LOCATION		JOB FINIS
REMARKS:  TOTAL	DATE 14 121	1 2) 18	The second secon	مزالمعهد	3 Am	44.
OLD OR NEW (Circle one)  CONTRACTOR Southward  CONTRACTOR Southward  TYPE OF JOB South C.  HOLE SIZE J. 2.9  CASING SIZE 37  DEPTH 11.5  TOLL SIZE JEFFH 11.5  TOLL PIPE DEPTH  TOOL DEPTH  RES. MAX MINIMUM  MEAS. LINE SHOE JOINT 2.5  CEMENT LEFT IN CSG. 2.5  CHORDE 1.45  EQUIPMENT  PUMP TRUCK CEMENTER Lest feet Annual BULK TRUCK  # LOO - 2.0  DRIVER  BULK TRUCK  # LOO - 2.0  DRIVER  REMARKS:  CHI COUNT Live Legt balks they precisely  for yell and the count of the precise and the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed to rent cementing equipment and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and furnish completed for the count of the precise and the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME A FARK Row C  DEPTH OTODIO			test South to	201	COUNTY	STATE
CONTRACTOR Societies TYPE OF JOB Societies HOLE SIZE 124 TD. 1163 CASING SIZE 287 DEPTH 1175 TUBING SIZE DEPTH 1175 TUBING SIZE DEPTH TOOL DEPT	OLD OR NEW (Circle one)			(/ FQ	January	1_,
TYPE OF JOB SURGER HOLE SIZE 124 T.D. 1165 CASING SIZE 287 DEPTH 1175 TUBING SIZE DEPTH 1175 TUBING SIZE DEPTH 1175 TUBING SIZE DEPTH 1175 TOOL DEPTH TOOL SHOW THE SHOW T	CONTRACTORS	1			J	
HOLE SIZE 124 T.D. 4165 CASING SIZE 367 DEPTH 1175 TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT 7.51 CEMENT LEFT IN CSG. 2.51 CEMENT LEFT IN CSG. 2.51 CEMENT LEFT IN CSG. 2.51 CEMENT T.3, 38 bil for left BULK TRUCK BULK TRU	TYPE OF IOR Sometime		OWNER			
TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT 2.51  CEMENT LEFT IN CSG. 2.51  PERFS.  DISPLACEMENT 73.38 bil follow ASC.  EQUIPMENT  EQUIPMENT  PUMPTRUCK CEMENTER Lo. 1866  # JCG. HELPER Pon Mount BULK TRUCK # JOG DRIVER  BULK TRUCK # JOG DRIVER  REMARKS:  CHICKING LAND  REMARKS:  CHICKING LAND  REMARKS:  CHICKING BULK TRUCK # JOG DRIVER  REMARKS:  CHICKING LAND  REMARKS:  CHICKING LAND  REMARKS:  TOTAL  PRINCE LOSS SERVICE  FINE LOSS LOSS SERVICE  FINE LOSS LOSS SERVICE  FINE LOSS LOSS LOSS LOSS LOSS LOSS LOSS LOS		TD 41/2	CEMENT			
TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT 2.51  CEMENT LEFT IN CSG. 2.51  PERFS.  DISPLACEMENT 73.38 bil follow ASC.  EQUIPMENT  EQUIPMENT  EQUIPMENT  PUMPTRUCK CEMENTER LIST KARC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR ASC.  #. IC.G. HELPER POR MANUAL  BULK TRUCK PROBLEM FOR MANUAL  BULK TRUCK P			AMOUNTORE	DERED 450	65/35 1	Samo.
TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT 2.5\( \) QOMMON \( \sqrt{50} \) \( \omega \) 2.7.9\( \omega \)  PERES. CEMENT LEFT IN CSG. 2.5\( \sqrt{1} \) GEL \( \sqrt{3} \) \( \omega \) 2.3.9\( \omega \)  PERES. DISPLACEMENT \( 73.38 \) bil follower \( \sqrt{80} \) ASC \( \omega \) CHORIDE \( \sqrt{14} \) \( \omega \) SO SY \( \omega \) SY \( \omega \) BULK TRUCK \( \sqrt{100} \) HELPER \( \omega \) IN INVER \( \sqrt{100} \) BULK TRUCK \( \sqrt{100} \) APPLIES \( \sqrt{100} \) DRIVER \( \sqrt{100} \) BULK TRUCK \( \sqrt{100} \) DRIVER \( \sqrt{100} \) DRIVER \( \sqrt{100} \) APPLIES \( \sqrt{100} \) DRIVER \( \sqrt{100} \) BULK TRUCK \( \sqrt{100} \) DRIVER \( \sq			150 30	10 70/41		11.112
PRES. MAX MEAS. LINE  SHOE JOINT 251  GEL 3 @ 23.40  CHLORIDE 1467 @ 80  EQUIPMENT  PUMPTRUCK CEMENTER 152 156C  # 3C6 HELPER 200 Mount  BULK TRUCK # 509 22 DRIVER  BULK TRUCK # 509 12 DRIVER  BULK TRUCK # 509 22 DRIVER  BULK TRUCK # 509 12 DRIVER  BULK TRUCK # 509 22 DRIVER  BULK TRUCK # 60 23 Y		DEPTH		CC Project		
MEAS. LINE  CEMENT LEFT IN CSG. 25.1  PERFS.  DISPLACEMENT 73, 38 bil folient  EQUIPMENT  EQUIPMENT  FUMP TRUCK CEMENTER Sost South  # T.C.G. HELPER South South  BULK TRUCK  # Soft DRIVER CONTROLL	TOOL	DEPTH				
MEAS. LINE  CEMENT LEFT IN CSG. 25.1  PERFS.  DISPLACEMENT 73, 38 bil folient  EQUIPMENT  EQUIPMENT  FUMP TRUCK CEMENTER Sost South  # T.C.G. HELPER South South  BULK TRUCK  # Soft DRIVER CONTROLL	PRES. MAX	MINIMUM	COMMON	150	@17.90	2.680
PERFS. DISPLACEMENT 73.38 billesteer  EQUIPMENT  EQUIPMENT  EQUIPMENT  BULK TRUCK  # 376 HELPER  PRIVER  PORT FOR AND  REMARKS:  TOTAL  T		SHOE JOINT 231	POZMIX			
PERFS.  DISPLACEMENT 73.58 bil for Lever  EQUIPMENT  EQUIPMENT  PUMPTRUCK CEMENTER Day KNOW BULK TRUCK  # JOG HELPER DAY KNOW BULK TRUCK  # LOG HELPER DAY KNOW BULK TRUCK  # LOG Y 22 DRIVER DAY TO BULK TRUCK  # JOG DRIVER DAY TO BULK TRUCK  # MILEAGE 24.38 X 35 X 2.60  TOTAL  REMARKS:  CIT COURT - REMARKS:  CHLORIDE 1446 - REMARKS  PUMPTRUCK CHARGE 2.43 X 3.57 X 2.60  DEPTH OF JOB 1175  PUMPTRUCK CHARGE 2.213. DEPTH OF JOB 1175  PUMPTRUCK CHARGE 2.21	CEMENT LEFT IN CSG. 2	-51	GEL	3	@ 23.40	70.
EQUIPMENT  PUMPTRUCK CEMENTER Del Kom  # TCG HELPER PON NOVAL  BULK TRUCK # 579 DRIVER PROPERTY  REMARKS:  CHICCHEW Light Dad Setter process  MILEAGE 26.38 X 3.5 X 2.60  DEPTH OF JOB 1175  PUMP TRUCK CHARGE 22.13.  DEPTH OF JOB 1175  PUMP TRUCK CHARGE 22.13.  PUMP TRUCK CHARGE 22.13.  PUMP TRUCK CHARGE 22.13.  CHARGE TO: Light L			CHLORIDE	1467	@ · &O	1.173
PUMP TRUCK CEMENTER Cost 1666  # TCC HELPER DAN ALANGE  BULK TRUCK  # Log - 2.2 DRIVER DAN LANGE  BULK TRUCK  # Syl DRIVER DAN LANGE  BULK TRUCK  # MILEAGE 24.3 X X.35 X 2.60  REMARKS:  TOTAL  REMARKS:  TOTAL  REMARKS:  TOTAL  BULK TRUCK  # MILEAGE 24.3 X X.35 X 2.60  REMARKS:  TOTAL  DEPTH OF JOB 1175  PUMP TRUCK CHARGE 22.13  PUMP TRUCK CHARGE 22.13  PUMP TRUCK CHARGE 22.13  MANIFOLD 9 Y00.00  WASHINGTON 9 Y00.00  BULK TRUCK  MILEAGE 10.1 IN SERVICE  MILEAGE 10.1 IN S. 9 7.70  MANIFOLD 9 Y00.00  MANIFOLD 9 Y00.00  TOTAL	DISPLACEMENT 73, 3	8 bolfrehren	ASC			
PUMP TRUCK  # TCC HELPER DON MANUAL  BULK TRUCK  # 579 DRIVER  BULK TRUCK  # 579 DRIVER  BULK TRUCK  # 579 DRIVER  REMARKS:  REMARKS:  Chilecular legis - balkettey practice  fring left forth and for polar  Ary for tallist Congress of the forest contractor.  Ary for tallist Congress of the forest contractor of the delegis of the forest contractor. I have read and understand the "GENERAL  TOTAL  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. I have read and understand the "GENERAL  TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME  # TOTAL  # AND CONDITIONS" listed on the reverse side.  # AND CONDITIONS l	EOU	UPMENT	Y800K	5/3576	@ <u>16.50</u>	لولو ٥٥
PUMP TRUCK BULK TRUCK	.500	**************************************				
BULK TRUCK # 609-230 DRIVER PRINTED  REMARKS:  Internet - lique - land setter prests and the printed for the plant	DIMADTRICK CEMENT	ED ( ) 7 // ////			_@	
BULK TRUCK # 579 DRIVER BOTTONS  BULK TRUCK # 579 DRIVER BOTTONS  REMARKS:  CHICCUM - Light - had sefter precising law yes (150 for the left) for the left) for the left for t					_@	
BULK TRUCK REMARKS:  TOTAL  REMARKS:  TOTAL  SERVICE  SERVICE  SERVICE  DEPTH OF JOB 1175  PUMP TRUCK CHARGE 2213.  PUMP TRUCK C		7			_@	
BULK TRÜCK # 599 DRIVER PRODUCTIONS" listed on the reverse side.  REMARKS:  REMARKS:  TOTAL  BULL A STA (155 16 16 16 16 16 16 16 16 16 16 16 16 16		Drian Ling			_@	
HANDLING (615. %) @ 2.48  REMARKS:  TOTAL  SERVICE  SERVICE  DEPTH OF JOB 1175  PUMP TRUCK CHARGE 22.13.  EXTRA FOOTAGE @  MILEAGE 173.75 bb1 from the company of the comp		2000 10 10 10 10 10 10 10 10 10 10 10 10				
REMARKS:  TOTAL  11   Court - light - had setted process of the list of the li		gray Finter			.@	
REMARKS:    In	# 799 DRIVER	COTO CONCESS	HANDLING L	15,81	@ <u>2.48</u>	1.52
REMARKS:  In Icanim - ligging - part setter presting  Remarks:  Service  Depth of Job _ 117 S  Pump truck Charge _ 2213. Service  Depth of Job _ 117 S  Pump truck Charge _ 2213. Service  Service _ 2213. Service  Mileage _ Hum 35 @ 7.70  Mileage _ Hum 35 @ 7.70  Manifold _ Grave _ Manifold _ Coder  Reference  City _ State _ Zip _ Plug & Float 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   Frank   Rem C			MILEAGE 26	<u> 38 x35x</u>	2.60	2.400
CHARGE TO: Litchil Explorated and funish cementer and funish cementer and helper(s) to assist owner or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  SERVICE  SERVICE  SERVICE  SERVICE  DEPTH OF JOB 1175  PUMP TRUCK CHARGE 2213. S. PUM	RE	MARKS:				
SERVICE    State   Sta		1				<b>—</b> —
DEPTH OF JOB 1175    Mile   Ge   187   18   18   18   18   18   18   1				BEDVI	ΔE	
DEPTH OF JOB 1175  hix - 15C class A Sicc Ingul - 161  Displace 13,75 hbl fasher   PUMP TRUCK CHARGE 2213. Sex pump plug plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE 2213. Sex pump plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE 2213. Sex pump plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE 2213. Sex pump plug plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE 2213. Sex pump plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE 2213. Sex pump plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE 2213. Sex pump plug flow ps l - Copunt did (water first footage)   PUMP TRUCK CHARGE   PUMP TRUCK CHARGE				SEKVI	CE	
EXTRA FOOTAGE  Or Solack 13,75 hbl fashboard  Find flag flow psl-capat did when the state of the	July 10th fresh 1 come		DEPOSIT OF TO			
EXTRA FOOTAGE  (I) Solar 13,78 hbl freshour   MILEAGE HV M 3.5 @ 7.70  William Pluy How psl-Capart did wider   MANIFOLD   @ 460.0  CHARGE TO: Litchik Exploration   MANIFOLD   @ 460.0  CHARGE TO: Litchik Exploration   MANIFOLD   @ 460.0  CHARGE TO: Litchik Exploration   MANIFOLD   @ 460.0  TOTAL  STREET   TOTAL  TOTAL  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.  PRINTED NAME   Frank Rom C	Mix 400 65/15 6	agel 380 - 449	DEPTH OF JO	R 11 1 2	7.5 5.5	
MILEAGE HUM 35 @ 7.70    Manifold   Manifold		5416 Thegel -7411	PUMPTRUCK	CHARGE 2	. <u>۲۱۵۰۳</u>	
CHARGE TO: Nitchia Explorate  STREET  CITY STATE ZIP  PLUG & FLOAT EQUIPMEN  AFU insert @ 494.59  Rupher Plan @ 131.64  TOTAL  TOTAL  TOTAL  TOTAL  AFU insert @ 494.59  Rupher Plan @ 131.64  TOTAL  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.  PRINTED NAME Frank Rem C  DISCOUNT  TOTAL CHARGES 18.072.13	Wop plug				_@_ <del></del>	
CHARGE TO: STATE ZIP PLUG & FLOAT EQUIPMEN  TOTAL  TOTAL  TOTAL  TOTAL  AFU INSECT @ YYL. 79  Rupher Plan @ 131.64  TOTAL  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.  PRINTED NAME X Frank Rem L  DISCOUNT TOTAL CHARGES 18.072. 13  TOTAL CHARGES 18.072.					_@ <u>`/·/</u>	269
CHARGE TO: Litchic Exploration  STREET  CITY STATE ZIP PLUG & FLOAT EQUIPMEN  AFU inster @ YY4. 79  Cupher plan @ 131.64  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.  PRINTED NAME X Frank Rent DISCOUNT TOTAL CHARGES 18.072. 13	1 Mod plug 1000 ps	SI-Count Aid Wale	ペ MANIFOLD _			700
TOTAL  STREET  CITY STATE ZIP  PLUG & FLOAT EQUIPMEN  AFU INSECT @ YYC. 79  Public Plug @ 131.64  TOTAL  AFU INSECT @ YYC. 79  Public Plug @ 131.64  Plug & FLOAT EQUIPMEN  AFU INSECT @ YYC. 79  Public Plug @ 131.64  Plug & FLOAT EQUIPMEN  AFU INSECT @ YYC. 79  Public Plug @ 131.64  Plug & FLOAT EQUIPMEN  AFU INSECT @ YYC. 79  Plug & FLOAT EQUIPMEN  TOTAL  SALES TAX (If Any)  TOTAL  TOTAL  TOTAL CHARGES / 8.0 72. 13  TO	likebon		<u>L</u>	V ~~ 35		154
TOTAL  CITY STATE ZIP PLUG & FLOAT EQUIPMEN  AFU insect @ 446.59  Ruphe Dusy @/3/.04  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.  PRINTED NAME X Rank Rank DISCOUNT 3.614.42  DISCOUNT 1F PAI	no 1				_@	
TOTAL  CITY STATE ZIP PLUG & FLOAT EQUIPMEN  AFU Insect @ 446.59  Ruplac Disay @ 131.34  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.  PRINTED NAME X Funk Renal DISCOUNT TOTAL CHARGES 18.072. 13  TOTAL	CHARGETO: Witch	il Exploration	-			_
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.  PRINTED NAME  TOTAL CHARGES 18.072.  PRINTED NAME  TOTAL CHARGES 18.072.  DISCOUNT  TOTAL CHARGES 18.072.		,			TOTAL	<u>, 3 03</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.  PRINTED NAME  PRINTED N	STREET	, · ,				
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.  PRINTED NAME  TOTAL CHARGES 18.072.  DISCOUNT  TOTAL CHARGES 18.072.	CITYST	ATEZIP		PLUG & FLOA	T EQUIPME	NT
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.  PRINTED NAME    Frank   Frank   Frank   DISCOUNT   FRANK   FRANK   TOTAL CHARGES   13   6   14   15   15   15   15   15   15   15						
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.  PRINTED NAME    Frank   Frank   DISCOUNT   IF PAI			11511 150	P.C.L	<u> </u>	7 Y Y CO
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    Frank   Frank			<u>_/1FV 163</u>		@/3/.04	
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  Frank Rene DISCOUNT  14.457, 20			_17 FU 165	own		
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 X Frank Renal DISCOUNT 15 PAI	To: Allied Oil & Gas Serv	ices, LLC.	- Ripher	san	_@	
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 X Frank Rome DISCOUNT 3.614.43 IF PAI			- Rubberg	sin	_@	
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME X Frank Rome DISCOUNT 14. 43. 614. 43. 614. 43. 614. 45. 72. 20. 14. 45. 72. 20. 15. 14. 45. 72. 20. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	You are hereby requested	to rent cementing equipment	- Rubberg	DIST	_@	
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME X Frank Rene DISCOUNT 14. 43. 614. 43. 614. 43. 614. 43. 614. 45. 72. 72. 73. 74. 75. 75. 75. 75. 75. 75. 75. 75. 75. 75	You are hereby requested and furnish cementer and	to rent cementing equipment helper(s) to assist owner or	Rubberg	nan	@ @ @	
PRINTED NAME X Frank Rome Discount 14.457. 20	You are hereby requested and furnish cementer and contractor to do work as is	to rent cementing equipment helper(s) to assist owner or s listed. The above work was	Rubberg	own	@ @ @	
PRINTED NAME X Frank Rene DISCOUNT 14.457. 20	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su	to rent cementing equipment helper(s) to assist owner or s listed. The above work was apervision of owner agent or	Rubberg	owy	@ @ @	
V F10 14.457.39	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su contractor. I have read an	to rent cementing equipment helper(s) to assist owner or s listed. The above work was ipervision of owner agent or d understand the "GENERAL	Rubberg		@ @ @	
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SIGNATURE Namb Rand	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su contractor. I have read an TERMS AND CONDITION	to rent cementing equipment helper(s) to assist owner or s listed. The above work was ipervision of owner agent or d understand the "GENERAL	SALES TAX (I	If Any)	72. 13.	. <u>57</u>
1 Vival I	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su contractor. I have read an TERMS AND CONDITION	to rent cementing equipment helper(s) to assist owner or s listed. The above work was ipervision of owner agent or d understand the "GENERAL	SALES TAX (I	If Any)	72. 13.	. <u>57</u>
	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su contractor. I have read an TERMS AND CONDITION PRINTED NAME	to rent cementing equipment helper(s) to assist owner or s listed. The above work was ipervision of owner agent or d understand the "GENERAL	SALES TAX (I	If Any)	72. 13.	. <u>57</u>
7 \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su contractor. I have read an TERMS AND CONDITION PRINTED NAME	to rent cementing equipment helper(s) to assist owner or s listed. The above work was ipervision of owner agent or d understand the "GENERAL	SALES TAX (I	If Any)	72. 13.	. <u>57</u>
Man r / " "	You are hereby requested and furnish cementer and contractor to do work as is done to satisfaction and su contractor. I have read an TERMS AND CONDITION PRINTED NAME	to rent cementing equipment helper(s) to assist owner or s listed. The above work was ipervision of owner agent or d understand the "GENERAL	SALES TAX (I	If Any)	72. 13.	. <u>57</u>

# ALLIED OIL & GAS SERVICES, LLC 062724

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT:

great Bend

			<i>-</i>	
4-16-19 SEC. TWP. RANGE 21 21 RANGE	CALLED OUT	ONLOCATION	JOB START	JOB FINISH
Brien 210	13:00am	8:30am	+··	4.00pm
Briggs 210 WELL # 1X LOCATION RAZ	ned W 7 183	JET IN	county	STATE
	clate			
CONTRACTOR Southwing #2			J	
TYPE OF JOB Production	OWNER 14	me		
HOLE SIZE 7 78 T.D. 4550	OF A STILL			
CASING SIZE 52 15.5 DEPTH 4267.51	CEMENT	7.4.		
TUBING SIZE DEPTH	AMOUNT OR	DERED 200 -	21 ASC	27.801
DRILL PIPE DEPTH	_ 101. saus	6%. ggps	n/ 5# F	rolscal!
TOOL DEPTH				
PRES. MAX 700 # MINIMUM 1500 #	Z			
MEAS. LINE SHOE JOINT 2/-35		· · · · · · · · · · · · · · · · · · ·	_@	. — — —
CEMENT LEFT IN CSG. 21.35			_@	·
PERFS.	GEL	<b>@</b>	_@	
DISPLACEMENT H20 101.05 BB1	CHLORIDE		_@	
	ASC <u>200 (</u>		_@ <u>26.96</u>	4180.00
EQUIPMENT	- Kolsegi	1000	-@ <u>・ み名</u>	980.00
	_ <u>DV1199</u>	<u>, 260</u>	@ <u>1.27</u>	<u>635. = 6</u>
PUMPTRUCK CEMENTER Charles Kinger	<u> </u>		-@ <del>\$</del>	5.795.00
#398 HELPER Mike scottroin				2.7,0
BULK TRUCK	DF 100		.@	-
#871-112 DRIVER Brian Rang	E V THERE	materials	@	3:79579
BULK TRUCK			A MARIONA	1159.00/20
# DRIVER	— HANDLING 2.	Service		434.33
	MILEAGE //		@ <u>2.48</u> 2.40	1.015.93
REMARKS:	MILEAGE ZET	C X JU X	7.40	71073
	4 4			
Rig Ran 4267.51 5'2 Cog Broke circ	culation			
W/ Rig much Drop Ball pump tre	rugh			
900 pri circulate the pump 51	<u> </u>	110 1-		
H20 10 BBI DVIIOO 5 BBI H20 plug Rut h				
hear ter Read mix 150 By ASC 21. gel	PUMPTRUCK		.765. 75	-
10% salt 6% gypreal 5# Kolsen Ish whi			@	
down Tail fump & line Release plu		vm 35	@ <u>7-70</u>	269.3 <u>0</u>
displace 101 BBI H20 Plug did la	C """""" OFD		.@	<del> </del>
Hoat did hold	end_hu	July 35	@ <del>4.4</del> 0	154.00
CHARGE TO: Ritchie exploration	·		.@	-
CHARGE TO: Nuche exploration	_			V 0128 50
STREET			A TOTAL	4.839.
	<del>-</del>		Niscoun	1:9.67.75
CITYSTATEZIP	n	TIIO & ET OAM		20%
Ŧ	ا بي رسم له د	LUG & FLOAT		Γ
-	32 tripl	a shoe	1026.00	1026.00
+1 l (1 l	w 6- centre		@ <u>57.33</u>	343.98
thank you!	w- 2- Bash		@394.29	788.58.
10: Allied Oil & Gas Services, LLC.	Id Latch	Down	@325.00	352.00
You are hereby requested to rent cementing equipment			@	
and furnish cementer and helper(s) to assist owner or			@	<del></del>
contractor to do work as is listed. The above work was				cl
done to satisfaction and supervision of owner agent or			TOTAL	2.483. St
contractor. I have read and understand the "GENERAL			0%	
TERMS AND CONDITIONS" listed on the reverse side	SALES TAX (If	Any)		_
	<b>,</b>	• -	۵۵	
v ('R	TOTAL CHARG	12 13 13 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	90	20/24/26/2
PRINTED NAME X SCOTT SOEH	DISCOUNT	<u>ع، ا</u> ډله	F PAIR	74/20/0 /0 1 1 30 D 4 2 2
PRINTED NAME X SCOTT BOEH  SIGNATURE X SHAPE STATES		13.1\V. 2.126 10.991	1/-	- ATTO DATO
GENATURE X		10.77	1,16	
MINIONE VV VI. (1)				