

To: Jeff-Chek Exploration LLC

From: ITW Oilfield Consulting, Tim Gillogly Re: Full Bore #3 surface casing pipe set

On location Friday, 9-19-14, at 5:00 pm. The rig crew had already unloaded and tallied 28 joints of surface casing. Back on location Saturday, 9-20-14, at 11:30 pm. Maximum Torque casing crew on location. The rig was making a wiper trip. Tripped in the hole with bit and circulated on bottom for 1 hour to condition the hole. Pulled the drill pipe and collars in preparation to run surface casing. RTD at 1210'. Rigged up to run surface casing. Started running the casing at 3:00 am on 9-21-14 and finished at 7:45 am. Ran a total of 28 joints of 8 5/8" OD, 23 lb., 8rd, ST & C, Rng. 3, limited service, casing. Ran 16 joints of casing into the well without issue. The casing hung up and stacked out, 12' out on the 17th joint. Reciprocated the casing up and down, unable to run any deeper than 715' with the guide shoe. Hooked up the rig's mud pump to the casing and attempted to circulate the casing into the well bore. Pressured up the casing to 1000 PSI, mud pump's maximum pressure, had no returns. Disconnected the mud pump and hooked up Allied pump truck to the casing. Took 2000 PSI to get fluid movement. Circulated the remainder of the joint down to a depth of 727'. Picked up the 18th joint and circulated it into the hole, down to a depth of 769' with the rig's mud pump. The 19th through the 26th joints ran into the well free and without circulation. Hung up and stacked out on the 27th joint. Circulated into the well from 1106' to 1148' with the rig's mud pump. The last joint, 28th, ran in without circulation, but the guide shoe floated to bottom. Didn't tag up on TD with the casing. Landed the casing 19.62' off bottom. Broke circulation at 75 PSI with rig's mud pump. After establishing good returns, RDMO Maximum Torque. MIRU Allied Oil and Gas Services. Cemented as follows: 5 barrels of fresh water pre-flush. Lead cement of 225 sacks of light weight A con blend common premium cement with 2% sodium metasilicate, 2% gypsum, 2% CC. Fluid yield of 2.34 cu. ft./sack, 10.5 gals./sack and 12.2 ppg. Tail cement of 225 sacks of common class A cement with 2% gel, 3% CC and ¼ lb./sk. of flo-seal. Fluid yield of 1.32 cu. ft./sack, 7.3 gals./sack and 15.1 ppg. Total of 450 sacks of cement. Released the wiper plug. Displaced with 73.1 barrels of fresh water, plus 3% over. Average lift pressure of 300 PSI. The plug didn't land. Finished displacement at 9:45 am. Shut in the casing. Washed up the pump truck and lines. RDMO Allied Services. Cement circulated and pumped approximately 46 barrels to the pit.

Casing ran as follows (bottom to top):

0.98' Guide shoe

42.14' (1 jt.) - 8 5/8" OD, 23 lb., 8rd, ST & C, range 3, limited service casing, shoe joint (cond. - New)

0.00' Insert baffle plate in the top of the shoe joints collar

1137.76' (27 jts.) - 8 5/8" OD, 23 lb., 8rd, ST & C, range 3, limited service, casing (cond. - New)

1180.88' Total equipment 9.50' Zero measurement

1190.38' Depth landed

Depth of Centralizers: 169', 590' and 885'

Cement Basket: 716'

PBTD: 1147' (Top of shoe joint)

NOTE: The guide shoe and the bottom 3 joints of casing have metal straps welded on them. On the next 14 joints of casing ran into the well, welded the top and bottom of the casing collars. The

remaining 11 joints ran into the well were not welded.

svitace

Running & Cementing Surface Casing Report

Company Jeff-Chek Exploration LLC Lease Full Bore Well # 3 Date 9-2 State Kansas County Trego Section 26 Township 12S Range 25 RTD 1210' LTD Spot Description 715' FNL and 2310' FEL, N/2 - SW - NW	5W
N.D. 10 G.L. 1.00	.71'
Surface Casing Description and Running Order: (1) 1 jt 8 5/8" OD, 23 lb., 8 rd, ST & C, R-3, Limited Service (SHOE JT.) (2) Insert baffle plate in the top of the shoe joint. (3) 27 jts 8 5/8" OD, 23 lb., 8 rd, ST & C, R-3, Limited Service	
Started Running Casing 3:00 am Casing Setting Point (#14) 1190.38' K.B. or R.D.B. Finished Running Casing 7:45 am Insert Float Setting Point 1147.26' K.B. or R.D.B	3.
Float Equipment: Shoe Joint Guide Shoe on bottom PBTD (Top of Shoe Joint) 11 Centralizer: 169', 590' and 885' Cement Basket 716'	147'
Opening Pressure 75 PSI Circulated 10 minutes Circulated Pressure 75	PSI
Single Stage: Started Mixing 8:32 am Started Plug 9:22 am Started Plug 9:22 am Plug Landed Not landed Baffle Insert Used? Yes Finished Mixing 9:13 am Total Mixing Time 41 mins. Plug Landed 9:45 am Time to Pump Plug 23 mins. Plug Landed 9:45 am Time to Pump Plug 23 mins. Plug Landed Plug Stopped at Unk	
Lead cement 225 sacks of light weight A con blend common premium cement with 2% sodium metasilicate, 2% gypsum & 2% Fluid yeild 2.34 cu. ft./sack, 10.5 gals./sack and 12.2 p	pg.
Tail cement 225 sacks of common class A cement with 2% gel, 3% CC & 1/4 lb./sack of flo-seal. Fluid yeild 1.32 cu. ft./sack, 7.3 gals./sack and 15.1 pp	
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(A) Chan Guide chan	
(1) Choc Cute choc	.98 2.14
(2) 1 Shoe Jt. 8 5/8" OD, 23 lb., 8 rd, ST & C, range 3, limited service, casing (condition - New) 42 (3) Shoe Jt. Collar (1) - Insert Baffle Plate (condition - New) 0.	.98 2.14 .00
(2) 1 Shoe Jt. 8 5/8" OD, 23 lb., 8 rd, ST & C, range 3, limited service, casing (condition - New) (3) Shoe Jt. Collar (1) - Insert Baffle Plate (condition - New) (4) 27 Jts. 8 5/8" OD, 23 lb., 8 rd, ST & C, range 3, limited service, casing (condition - New) 113	.98
(2) 1 Shoe Jt. 8 5/8" OD, 23 lb., 8 rd, ST & C, range 3, limited service, casing (condition - New) 42 (3) Shoe Jt. Collar (1) - Insert Baffle Plate (condition - New) 0. (4) 27 Jts. 8 5/8" OD, 23 lb., 8 rd, ST & C, range 3, limited service, casing (condition - New) 113 (5) Marker Jt. Image: Marker Jt.	.98 2.14 .00
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Signature Tim Gillogly

Title Consultant - ITW



CEMENTING LOG

Surface pipe STAGE NO.

THANK YOU

_ BBLS.

__PSI BLEEDBACK __

				e a mille		EMENT DATA:
Date Of 11				cket No. 6375		pacer Type: Fresh SBBIS
Company				g Meuerica	A	mt Sks Yield ft³/sk Density PPG
Lease Full				/ell No.		
County 7/69		Scoller.		ate		EAD: Pump Time TRICKEN hrs. Type A CON BLENO
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Casing Depths: Top Bottom Bottom						ump Trucks Used 599 Ren Johnson
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 ALLIED OIL & GAS SERVICES, LLC 063987

Cicense # 9999 6 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092			E POINT:	two KS
DATE 09-21-14 SEC. TWP. RANGE 25			B START	JOB FINISH
DATE 09-21-14 29 12 25	10.0		UNTY	STATE
LEASE Full Boro WELL# 3 LOCATION Z 7	O Exit 115 collier-25s		ZOO	K5
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CONTRACTOR MAURCICK	OWNER	1		
TYPE OF JOB SUFFACE				
HOLE SIZE 12/4 T.D. 12/0	CEMENT			
CASING SIZE 8 DEPTH //90	AMOUNT ORDERED	222 SK2	Acon co	mmon
TUBING SIZE DEPTH	Premium	2. 25 00.	0.27	
DRILL PIPE DEPTH TOOL DEPTH	2255K5C/ASSA 3	10 CC & 10) (ST/	
PRES. MAX MINIMUM	COMMON 4225		17.90	4027-50
MEAS. LINE SHOE JOINT	POZMIX	@	The state of the last of the state of	7071750
CEMENT LEFT IN CSG. 42.14 FT	GEL 424 43	5 @	.50	212.00
PERFS.	CHLORIDE 1272	35 @	1.10.	1399.20
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# 597 HELPER BEN NEWELL		@	-	<u> </u>
BULK TRUCK		@		
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BULK TRUCK	and the said that are a second and	@		
# DRIVER	HANDLING 450		2.48	1116.00
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Arrived of Location, safety meeting R	aup		TOTAL	19, 464.31
Rivived of location, safety meeting R Big crew RAN 55/8 1/90ft of CASING HOOK		SERVICE	TOTAL	14, 464.31
Big Crew RAN 55/8 1/90 Ft of CASING HOOK, UP AND BIOKE CICCW/RIG MUD. Pump SA	Hend WHERD		TOTAL	19, 464.31
Rig Crew RAN & S/E 1/90 Ft of CASING HOOK, up and Bloke Cilc w/Rig mud. Pump S A FIRSH H20. MIX 225 SXS ACONBIEND COMMO)	DEPTH OF JOB //	10		A MARIAN CANALANA CAN
Ric Crew RANS 5/8 1/90 ft of CASING HOOK, up And Bloke Cilc W/Rig Mud. Pump SA FIRSH H20 - MIX 225 SXS ACONBIEND COMMON Premiun, MIX225 SXS CLASS A 3% CC 29/6 G	DEPTH OF JOB // PUMP TRUCK CHAR	GE 60mi	**************************************	2213.75
Rig Crew RANS S/S 1/90 ft of CASING HOOK, Up And Bloke Cilc W/Rig Mud. Pump SA FIRSH H20-MIX 225 SXS ACONBIEND COMMON Premiun, MIX225 SXS CLASS A 3% CC 2% C DISPIASED 73.11 BBIS FIESL H20 CEMENT	DEPTH OF JOB _//9 PUMP TRUCK CHAR EXTRA FOOTAGE	GE 6000		2213.75
Rig Crew RAN 5 1/5 1/50 ft of CASING HOOK, up and Bloke Cilc wilking mud. Pump SA FIRSH H20. MIX 225 SXS ACONBIEND COMMO) Premium. MIX225 SXS CLASS A 3% CC 29/6 C DISPIASED 73. II BBIS FIESH H20 CEMENT DID CICC SHUTIN - RIG DOWN	DEPTH OF JOB // DEPTH OF JOB /	GE@	7.70	2213.75
Rig Crew RANS S/S 1/90 ft of CASING HOOK, Up And Bloke Cilc W/Rig Mud. Pump SA FIRSH H20-MIX 225 SXS ACONBIEND COMMON Premiun, MIX225 SXS CLASS A 3% CC 2% C DISPIASED 73.11 BBIS FIESL H20 CEMENT	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 MANIFOLD	GE <u>60m</u> / @ @	7.70	2213.75 462.00 275.00
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Rig Crew RANS S/S 1/90 ft of CASING HOOK, Up And Bloke Circ W/Rig Mud. Pump SA FIRST 1/20 - MIX 225 SXS ACONBIEND COMMON Premium. MIX 225 SXS CLASS A 3% CC 2% CC DISPINSED 73. II BBIS FIEST 1/20 CEMENT DID CIRC SHUTIN - RIG DOWN DIC) NOT LAND Plug	DEPTH OF JOB _//9 DEPTH OF JOB _//9 PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m; MANIFOLD	GE	7.70	2213.75 462.00 275.00
Rig Crew RANS S/S 1/90ft of CASING HOOK, Up and Bloke Circ w/Rig mud. Pump S A FIRST H20-Mix 225 SXS ACONBLEND COMMON Premium. Mix 225 SXS CLASS A 3% CC 2% CC DISPIACED 73. II BBIS FIESL H20 CEMENT DID CICC SHUTIN - RIG DOWN DID NOT LAND Plug CHARGE TO: SEFF-Chek Explosation	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m/ MANIFOLD	GE	7.70	2213.75 462.00 275.00 132.00
Rig Crew RANS S/S 1/90 ft of CASING HOOK, Up And Bloke Circ W/Rig Mud. Pump SA FIRST 1/20 - MIX 225 SXS ACONBIEND COMMON Premium. MIX 225 SXS CLASS A 3% CC 2% CC DISPINSED 73. II BBIS FIEST 1/20 CEMENT DID CIRC SHUTIN - RIG DOWN DIC) NOT LAND Plug	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m/ MANIFOLD	GE	7.70	2213.75 462.00 275.00
Ric Crew RANS 5/8 1/90ft of CASING HOOK, LIP AND BIOKE CITC WIRIC MUD. PUMP SA FIRSH H20-MIX 225 SAS ASONBLEND COMMON PIEMIUM. MIX225 SAS CLASS A 39/0 CC 29/0 G DISPIASED 73. II BBIS FIESL H20 CEMENT DID CITC SHUTIN - RIG DOWN DIE NOT LAND Plug CHARGE TO: SEFF-Chek Exploration STREET CITY STATE ZIP	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m/ MANIFOLD	GE	7.70 4.40 TOTAL	3213.75 462.00 275.00 132.00 3'082.75
Ric Crew RANS 5/8 1/90ft of CASING HOOK, LIP AND BIOKE CITC WIRIC MUD. PUMP SA FIRSH H20-MIX 225 SAS ASONBLEND COMMON PIEMIUM. MIX225 SAS CLASS A 39/0 CC 29/0 G DISPIASED 73. II BBIS FIESL H20 CEMENT DID CITC SHUTIN - RIG DOWN DIE NOT LAND Plug CHARGE TO: SEFF-Chek Exploration STREET CITY STATE ZIP	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m/ MANIFOLD	GE	7.70 4.40 TOTAL	3213.75 462.00 275.00 132.00 3'082.75
Rig Crew RANS S/S 1/30ft of CASING HOOK, Ap and Bloke Cilc W/Rig mud. Pump S A FIRSH H20. MIX 225 SXS ASONBIEND COMMO) Plemium. MIX225 SXS CLASS A 3% CC 29/6 G DISPIASED 73. II BBIS FIESH H20 CEMENT DID CICC SHUTIN - RIG DOWN DID NOT LAND Plug CHARGE TO: SEFF-Chek Explosation STREET CITY STATE ZIP Dissourcek Qyah 20. Com	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m/ MANIFOLD COM 30 m/	GE	7.70 4.40 TOTAL	3213.75 462.00 275.00 132.00 3'082.75
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Rig Crew RAN 5 1/2 1/30 ft of CASING Hook, AB AND BIOKE CITC WIRIC MUD. Pump S A FIRSH H20. MIX 225 SXS ACONBIEND COMMON PIEMIUM. MIX 225 SXS CLASS A 3% CC 2% CG DISPIASED 73. II BBIS FIESH H20 CEMENT DID CITC SHUT IN - RIG DOWN DIE NOT LAND Plug CHARGE TO: SEFF-Chek Exploration STREET CITY STATE ZIP DO SO UCEK QYAN 20. COM Please email Copy, To: Allied Oil & Gas Services, LLC.	DEPTH OF JOB _//G DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m/ MANIFOLD	GE	7.70 4.40 TOTAL QUIPMEN 75. 66 170.00	3/082.75 T 2/62.00 275.00 132.00 132.00 132.00 170.00 170.00 1/60.00
CHARGE TO: SEFF-Chek Exploration STREET CITY STATE STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipme and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work we	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MANIFOLD _ Com 30 m, PLUG Rubber Plug Centralizer Baffle Plate Guide Shoe-Re Vas	GE	7.70 4.40 TOTAL QUIPMEN 75. 66 170.00 460.00	2213.75 462.00 275.00 132.00 3'082.75 T
CHARGE TO: SEFF-Chek Exploration STREET CITY STATE To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipme and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work we done to satisfaction and supervision of owner agent of the property	DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE _ MILEAGE 60 m. MANIFOLD _ COM 30 m. PLUG Rubber Plug 8 Centralizer Baffle Plate Guide Shoe-Re Vas Or	GE	7.70 4.40 TOTAL QUIPMEN 75. 66 170.00 460.00	3/082.75 T 2/62.00 275.00 132.00 132.00 132.00 170.00 170.00 1/60.00
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CHARGE TO: SEFF-Chek Exployation STREET CITY STATE To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipme and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work we done to satisfaction and supervision of owner agent of contractor. I have read and understand the "GENER.	DEPTH OF JOB _//G DEPTH OF JOB _//G PUMP TRUCK CHAR EXTRA FOOTAGE MILEAGE 60 m/ MANIFOLD Com 30 m/ PLUG Rubber Plug 8 Centralizer Baffle Plote Cas Or AL SALESTAY (16 Am)	GE	7.78 4.40 TOTAL QUIPMEN 75. 66 170.00 460-00 TOTAL	3213.75 462.00 275.00 132.00 3'082.75 T 0 225.00 170.00 460.00

\$12,973.14

ALLIED OIL & GAS SERVICES, LLC 055513 Federal Tax I.D.# 20-5975804 BOX 31 SELL, KANSAS 67677

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SER	VICE POINT:	issell to
DATE 19 6 14 SEC. TWP. RANGE 25	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE BOLOWELL# 3 LOCATION /- 70;	5×14 115	Collyer	COUNTY	STATE
OLD OR(NEW)(Circle one)	The Purpose of the Control of the Co			
CONTRACTOR Marick	OWNER			
TYPE OF JOB HOLE SIZE 11/8 T.D.	-		*	
HOLE SIZE T.D. CASING SIZE DEPTH	CEMENT	26	55 sk	
TUBING SIZE DEPTH	AMOUNT ORI		22 24	THE THE PARTY OF T
DRILL PIPE 4/1/2 DEPTH 4586	69	40 + 47	. 9.0	The state of the s
TOOL DEPTH		70 + 71	·	
PRES. MAX MINIMUM	COMMON	25551	@ 18.92	all 8 24 1-
MEAS. LINE SHOE JOINT	COMMON	405SIC		20770EF- 60
CEMENT LEFT IN CSG.	POZMIX		_@	
PERFS.		-	_@ @	
DISPLACEMENT	CHLORIDE ASC_			
	ASC		_@ @	**************************************
EQUIPMENT	(000 F/2	K. 6416		ch 100 25
() OC ,	1 100	4716	@ 2.11	\$ 190.08
PUMPTRUCK CEMENTER TONY FENNIST	4	natirial	A STATE OF THE PARTY OF THE PAR	5014.68
# 417 HELPER Danny S	,	Harister	@	2017,03
BULK TRUCK		dies.	@ 1404.11	7
# 410 DRIVER Jon 7	**************************************	- Unit	@ <i>1707-11</i> @	
BULK TRUCK	-		@	
# DRIVER	HANDLING_	ひととくい かっ	@ 2,48	\$ 632.40
	MILEAGE	360 tin	2.75	\$ 990.00
REMARKS:	MIDDAOD	7.65		1 1 4
100±1 to 100 to			TOTAL	3-10-1-10
P1= 4586 @ 505k P2=2100 @ 5052				, -
73= 1240' 2 1005k P4= 40' 2 1051		SERVI	CE	
1x 84g Wooden Plez.	DEPTH OF JOS		CE	4586
75- RATHOLE - 305K Wooden Play.	DEPTH OF JOE	3		4586 5 2745.75
75- RATHOLE - 305K Wooden Play.	PUMP TRUCK	BCHARGE		4586' \$ 2,765.75
75- RA740LE - 305K Wooden Plag.	PUMP TRUCK EXTRA FOOTA	B CHARGE AGE		
75- RATHOLE - 305K Wooden Play.	PUMP TRUCK EXTRA FOOTA MILEAGE	CHARGE AGE		\$ 462.0
75- RATHOLE - 305K Wooden Play.	PUMP TRUCK EXTRA FOOTA MILEAGE	B CHARGE AGE	@ @ 7.7 @ £4	
75- RATHOLE - 305K See amenting Dah Logs	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	CHARGE AGE		\$ 2765.75 \$ 462.0 \$ 132.00
75- RATHOLE - 305K See amenting Dah Logs	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD 1 > 74,	CHARGE_ AGE Jeauy 60 Light30	@	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00
75- RATHOLE - 305K Wooden Play.	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD 1 > 74,	CHARGE_ AGE Jeauy 60 Light30	@ @ 7.7 @ 4£4 @ @ —	\$ 2765.75 \$ 462.0 \$ 132.00 \$ 275.00 \$ 257.15
P5- RATHOLE - 305K See amenty Doh Logs CHARGE TO: Jeff CHEK Exploration	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play On LLC	CHARGE AGE -Toaun 60 L/5/2 20	@ @ 7.7 @ 4£4 @ @ —	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00
P5- RATHOLE - 305K See amenty Doh Logs CHARGE TO: Jeff CHEK Exploration	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play On LLC	CHARGE_ AGE Jeauy 60 Light30	@ @ 7.7 @ 4£4 @ @ —	\$ 2765.75 \$ 462.0 \$ 132.00 \$ 275.00 \$ 257.15
P5- RATHOLE - 305K See amenty Doh Logs CHARGE TO: Jeff CHEK Exploration	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play On LLC	CHARGE	@ 7.7 @ 4.4 @ — TOTAL	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 357.15
P5- RATHOLE - 305K See amenty Doh Logs CHARGE TO: Jeff CHEK Exploration	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Phy Con LLC	CHARGE AGE -Toaun 60 L/5/2 20	@ 7.7 @ 4.4 @ — TOTAL	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 357.15
P5- RATHOLE - 305K See amenty Doh Logs CHARGE TO: Jeff CHEK Exploration	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play Con LLC Con LLC	CHARGE	0 7.7 0 4.4 0 TOTAL	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.95
P5- RATHOLE - 305K See amenty Doh Logs CHARGE TO: Jeff CHEK Exploration	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play On LLC	CHARGE	@ 7.7 @ 46.4/ @ — TOTAL	\$ 2,765,75 \$ 462.0 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.75
P5- RATHOLE - 305K Lee amenty Doh Logs CHARGE TO: Jeff CHEK Exploration STREET CITY STATE ZIP	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play Con LLC Con LLC	CHARGE	@ 7.7 @ 4.4 @ — TOTAL	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,54.75 \$ 110.00
P5- RATHOLE - 305K Lee amenty Doh Logs CHARGE TO: Jeff CHEK Exploration STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC.	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play Con LLC Con LLC	CHARGE	@	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,54.75 \$ 110.00
P5- RATHOLE - 305K See Ame, by Och Log CHARGE TO: Jef CHek Exploration STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play Con LLC Con LLC	CHARGE	0 7.7 0 4.4 0 TOTAL EQUIPMENT 0 — 0 — 0 — 0 — 0 — 0 — 0 — 0	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,54.75 \$ 110.00
P5- RATHOLE - 305K See Ame, by Doh Log CHARGE TO: Jeff CHek Exploration STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play Con LLC Con LLC	CHARGE	@	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,54.75 \$ 110.00
P5- RATHOLE - 305K See Ame, by Och Log CHARGE TO: Jef CHek Exploration STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment	PUMP TRUCK EXTRA FOOTA MILEAGE A MANIFOLD To Phy TX 8 48 WM	CHARGE	0 7.7 0 424 0 TOTAL	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.95 \$ 3134.95
P5- RATHOLE - 305K See Ame, by Doh Log CHARGE TO: Jeff CHek Exploration STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD To Play Con LLC Con LLC	CHARGE	0 7.7 0 424 0 TOTAL	\$ 2,765,75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,54.75 \$ 110.00
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	PUMP TRUCK EXTRA FOOTA MILEAGE A MANIFOLD To Phy (C) (X) (X) (X) (X) (X) (X) (X)	CHARGE	0 7.7 0 424 0 TOTAL	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.95 \$ 3134.95
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	PUMP TRUCK EXTRA FOOTA MILEAGE A MANIFOLD To Phy TX 8 48 WM	CHARGE	0 7.7 0 424 0 TOTAL	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.95 \$ 3134.95
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	PUMP TRUCK EXTRA FOOTA MILEAGE A MANIFOLD To Phy TX 858 WG SALES TAX (III	CHARGE	@ 7.7 @ 46.4/ @ —— TOTAL	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.95 \$ 3134.95
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.	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD The Play TX 858 WW SALES TAX (III TOTAL CHARGE	CHARGE	@ 7.7 @ 4.4 @ — TOTAL EQUIPMEN @ — @ — @ — @ — @ —	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,634.75 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	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD The Play TX 858 WW SALES TAX (III TOTAL CHARGE	CHARGE	@ 7.7 @ 4.4 @ — TOTAL EQUIPMEN @ — @ — @ — @ — @ —	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3134.95 \$ 3134.95
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.	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD The Plant Con LLC TX 858 WW TX 858 WW SALES TAX (III TOTAL CHARG DISCOUNT	CHARGE	© 7.7 @ 44 @ - TOTAL EQUIPMENT @ - @ - @ - @ - @ - @ - @ - @ -	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,634.75 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 Addict PRINTED NAME	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD The Plant Con LLC TX 858 WW TX 858 WW SALES TAX (III TOTAL CHARG DISCOUNT	CHARGE	© 7.7 @ 44 @ - TOTAL EQUIPMENT @ - @ - @ - @ - @ - @ - @ - @ -	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,634.75 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.	PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD The Plant Con LLC TX 858 WW TX 858 WW SALES TAX (III TOTAL CHARG DISCOUNT	CHARGE	© 7.7 @ 44 @ - TOTAL EQUIPMENT @ - @ - @ - @ - @ - @ - @ - @ -	\$ 2,765.75 \$ 462.00 \$ 132.00 \$ 275.00 \$ 275.00 \$ 3,634.75 NT

CEMENTING LOG

STAGE NO.

Date 10 -6	14	Duce	2.00	55	215	CEMENT DATA:
	To FE C	CIACO		icket No.		Spacer Type:
Company JoFE CHEK Englanduring MANERICK						Amt. 355 Sks Yield 1.42 ft ³ /sk DensityPPG
Lease Tull Kore Well No. 3 County Trace State KS						6440 + 4% gel
1-24 K : 1/5						
Docation Field Field State 2/125 Cost idea					1 11-	LEAD: Pump Time hrs. Type
					***************************************	Excess
Squeeze Li Misc Li						Amt Sks Yield ft ³ /sk Density PPG
Size Surface Intermediate Production Liner Size Production Collar						TAIL: Pump Timehrs. Type Excess
						Amt Sks Yield ft ³ /sk Density PPG
412 Drill Pipe in 1/8 1N 2						WATER: Lead gals/sk Tail gals/sk Total Bbls.
Casing Depths: Top 01 Bottom 4506					F	Pump Trucks Used # 417 - D9 may S
71= 4586 3 50516. PZ= 2100 2 5055					55	Bulk Equip. # 410 - Jon P
73=	12400		14- 4	0/0/05	e	
Drill Pipe: Size	RPT-305	Weight	128.	Collars	- plus	
Open Hole: Size ,		T.D		P.B. to	ft. F	loat Equip: Manufacturer
CAPACITY FACT	ORS:				S	Shoe: Type Depth
Casing:	Bbls/Lin. ft		Lin. ft./8	lbl	F	loat: Type Depth
Open Holes:	Bbls/Lin. ft		Lin. ft./E	ю. <u>1054</u>	TOZ 0	Centralizers: Quantity Plugs Top Btm
Orill Pipe:	Bbls/Lin. ft		Lin. ft./E	bl. 00/9	122 s	Stage Collars
Annulus:	Bbls/Lin. ft		Lin. ft./E	bl	S	Special Equip.
	Bbls/Lin. ft		Lin. ft./B	bl	D	Disp. Fluid Type Amt Bbls. Weight PPG
Perforations: F	rom	ft. to		ft. Amt	N	/lud Type Weight PPG
COMPANY REPR	ESENTATIVE					CEMENTER for PAR noemple
TIME	PRESSU	RES PSI	FII	IID PUMPED I	ΣΑΤΑ	
AM/PM	DRILL PIPE	ANNULUS	TOTAL	Pumped Per	RATE	REMARKS
	CASING		FLUID	Time Period	Bbls Min.	2 7 1/2 2 8 6 4 1
500	<u> </u>		<u> </u>			an location - Dately meeding
war						Set up Trul For mining
430	 		 		-	Ro 41/2 Do 11 d'a 1 27/2 40
450			 	<u> </u>		1 7 4 1 51 1 FIRE 10 118 006
	<u> </u>		· · · ·			IN -9 4380 .
870			8.12		5	P1=4506'25054 - mixed 5054
070				160 11	<u> </u>	
			7/2/0	ficelly		Displand Comet 2 412 mil min (tally)
~~~						Dispicad country
9000		<del></del>	812		3	72= 220/2 50ct - mine & Knot
			075	1.11/40		12=2100 25052 - mine f 5056 6240 + 41.90 0 8.18 mix - Displant Omers 2 2.85 460
		Management	2.53%	40) Kely	***************************************	The state of the s
-2						LAIPIAGE OMERS D DOS MISS
930			1433		3 \	D3 - 1247 0 0000 00 00 1000 00 00
1.00			7905			P3= 1240 P 1005K - mixed 1005K -
						6943747901816.3377
						Displace Coment & 747420
1:000			164		3 \	PH- 1150 1951 - 10:450 1951
1000			1.44		<u> </u>	174= 400 1050 - mixed 10500 6400 + 4794 0 1.63 mix.
						1. 95c
						1X 8 38 Woolen Plus
						Coment to SWFac.
103			F		- e -	DE- KI+1101 C -2 -1 1 1 1
1030			5,0		2	TOS THE HOLE STONE MINER
						195= BATHOLE: 305K - Mixed willo + 41. ged 9 4.16 Grains cement 6 Surface Vol Cornele fo - Russled Truck
1130						when a guita
		All Marie Control				Vol lowell to - 1/200
FINAL DISP, PRES		PSI	BUMP PLUG	10		PSI BLEEDBACKBBLS. THANK YOU

Mug Plug