

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1196175

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
Address 2:	Feet from
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.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/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 Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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 Approved by: Date:				

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvar i or	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Device C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion	
Operator	White Exploration, Inc.	
Well Name	Chain Ranch 'B' 2	
Doc ID	1196175	

All Electric Logs Run

Compensated Density Neutron
Dual Induction
Micro
Sonic

Form	ACO1 - Well Completion	
Operator	White Exploration, Inc.	
Well Name	Chain Ranch 'B' 2	
Doc ID	1196175	

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	309	Class A	205	3% CC
Production	12.25	5.5	17	4449	ASC		See attached

ATTACHMENT TO ACO-1 FORM WHITE EXPLORATION, INC.
CHAIN RANCH "B" #2
330' FNL & 330' FWL
Section 1-31S-12W
Barber County, Kansas
API# 15-007-24138-00-00

Production Casing Cement

Cemented with 145 Sacks of ASC Cement with 5.5% Gypseal, 2% Gel, 5# Gilsonite/sack, .3% FL-160 Fluid Loss Additive and .14% Defoamer/sack.

Acid and Fracture Treatments

Acidized with 1200 Gallons of 10% MCA Acid and 2000 gallons of 10% NE/FE Acid

Frac with 230,700# of Sand (155,880# of 30/50 sand, 59,900# of 16/30 sand and 12,000# of 16/30 Resin Coated Sand) with 369,300 gallons of total fluid.

Fracking Fluid Disclosure on Separate Sheet

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

Fracture Date:	4/14/2014	
County:	Barber	
Operator Name:	White Exploration	
Well Name and Number:	Chain Ranch B #2	
Total Base Fluid Volume (gal)*:	369300	

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.0200457%
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10%	0.0025183%
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	50%	0.0125914%
Claymax	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0%	0.0000000%
Plexcide B7	Chemplex	Biocide	Sodium Hydroxide	1310-73-2	5%	0.0002500%
Plexcide B7	Chemplex	Biocide	Alkaline Bromide Salts	N/A	0%	0.0000000%
Plexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.0000640%
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.7500000%
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60%	0.9000000%
Frac Sand	Uniman	Propant	Crystalline Silica in the form of Quartz	14808-60-7	60%	26.4%
Plexgel 907L-EB	Chemplex	Gelling Agent	Hydrocarbons	68476-34-6	100%	0.5000000%
Plexgel Breaker 10L	Chemplex	Breaker/Gel	No Hazardous Ingredient	N/A	0%	0.0000000%

Andrew White

Petroleum Geologist

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

Well Name: Chain Ranch "B" #2

Location: 1-31SW-12W

License Number: API#: 15-007-24138 Region: Barber Co., KS

Spud Date: 3/8/2014 Drilling Completed: 03-14-14

Surface Coordinates: 330' FNL & 330' FWL

Bottom Hole

Coordinates:

Ground Elevation (ft): 1620' K.B. Elevation (ft): 1630' Logged Interval (ft): To: Total Depth (ft): 4350

Formation:

Type of Drilling Fluid: Chemical

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

OPERATOR

Company: White Exploration, Inc.

Address: 1635 N. Waterfront Suite 100

Wichita, KS 67206

GEOLOGIST

Name: Andrew White

Company: White Exploration, Inc.

Address:

Remarks

Due to the sample shows of oil and gas in the Mississippi chert, it is recommended that casing be run and the interval be produced.

General Info

Drilling Contractor: Pickrell Rig 1

Logs: Pioneer

Compensated Density/Neutron, Dual Induction, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 313'-.75, 876'-.75, 1380'-1.75, 1887'-1, 2423'-.75, 3023'-.75,

Bit MFG Type Depth Out Footage Hrs On

Daily Status

03/07/2014: Move in Rig

03/08/2014: Spud well, drilled to 313' set Casing

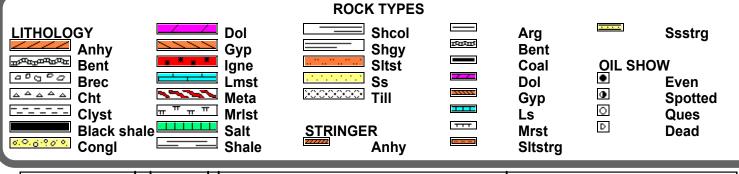
03/09/2014: Drilling ahead at 815'
03/10/2014: Drilling ahead at 1805'
03/11/2014: Drilling ahead at 2620'
03/12/2014: Drilling ahead at 3385'
03/13/2014: Drilling ahead at 4107'
03/14/2014: Short Trip to prepare for log

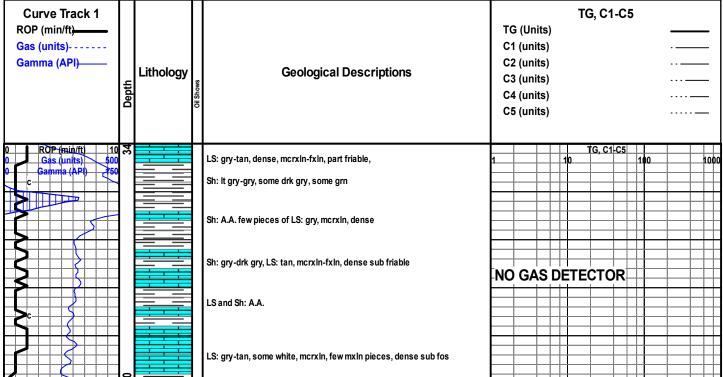
03/15/2014: Running 5-12" Production Casing

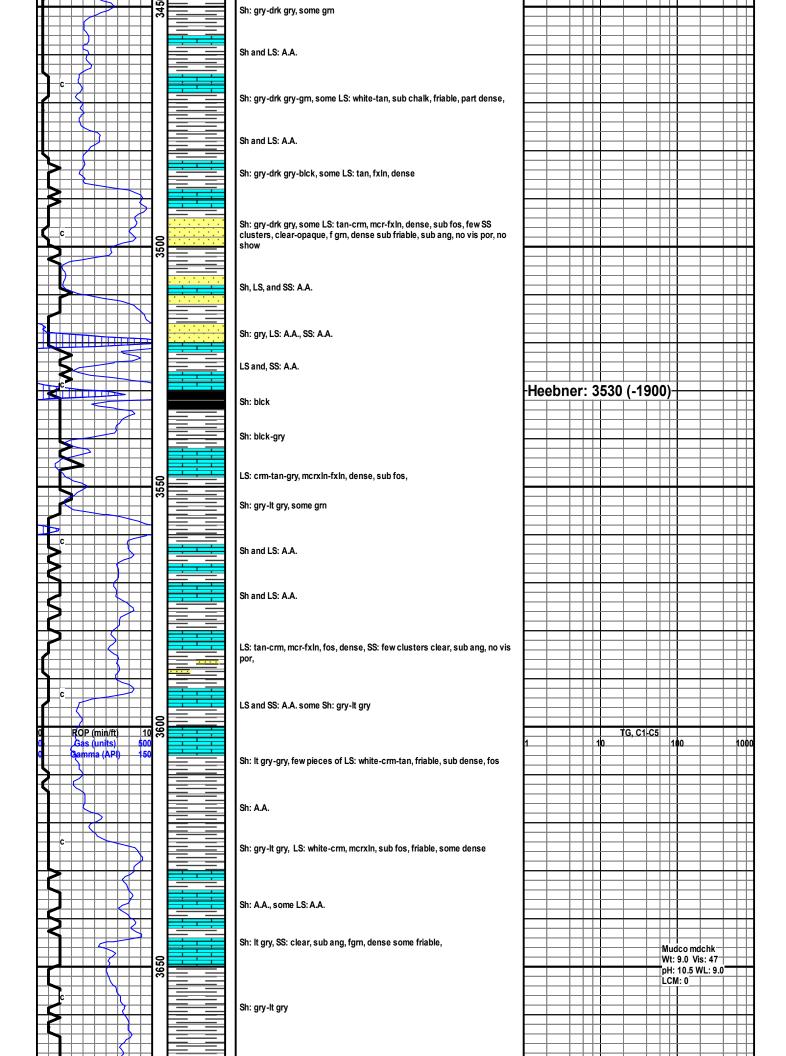
	White Exp	Ö: 1	
	Chain F	7	
	Sec 1-	-31S-12W	0 0
	330' FNL	., 330' FWL	G. E
	KB: 1630		
	Sample	Log	Datum
Heebner	3530	3528	-1898
Brown Lime	3730	3730	-2100
Stark	4080	4073	-2443
Mississippian	4258	4258	-2628
Miss Chert Por	4274	4274	-2644
Kinderhook	4350	4354	-2724

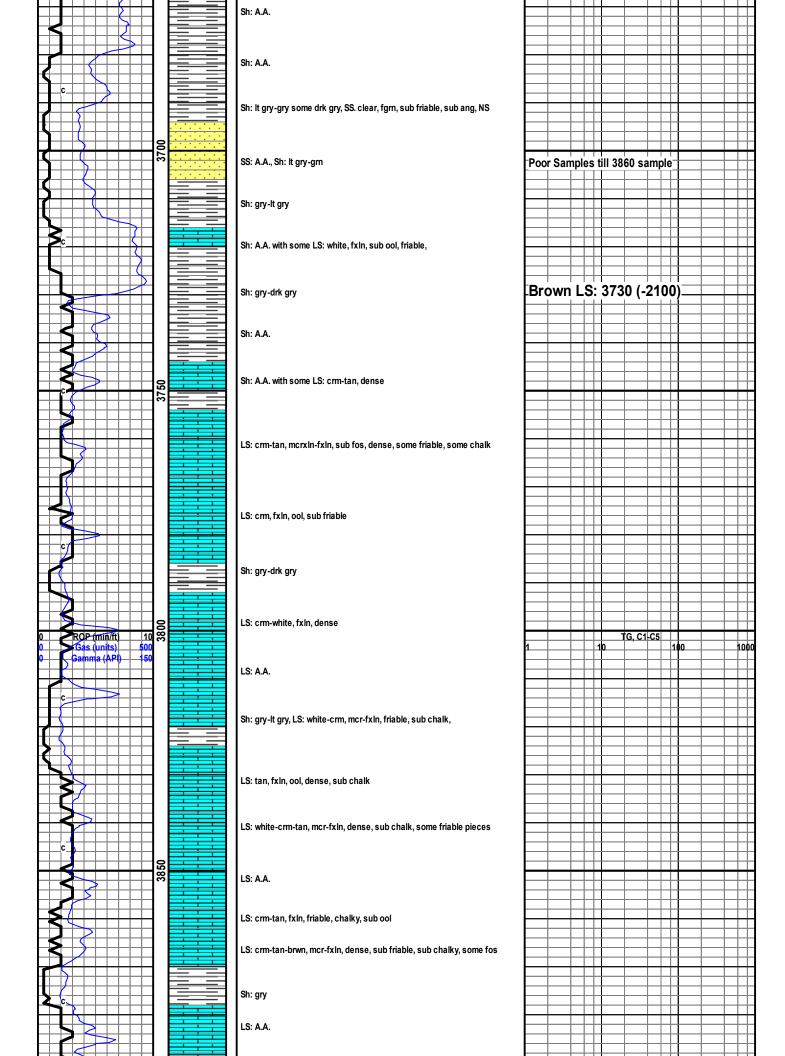
White Exp	loration, Inc.
Chain R	anch B #1
Sec 1-	31S-12W
475' FNL,	1916' FWL
KB: 1655	
4.5	+7
9	-10
3	-16
	-29
+	-13
8	+8

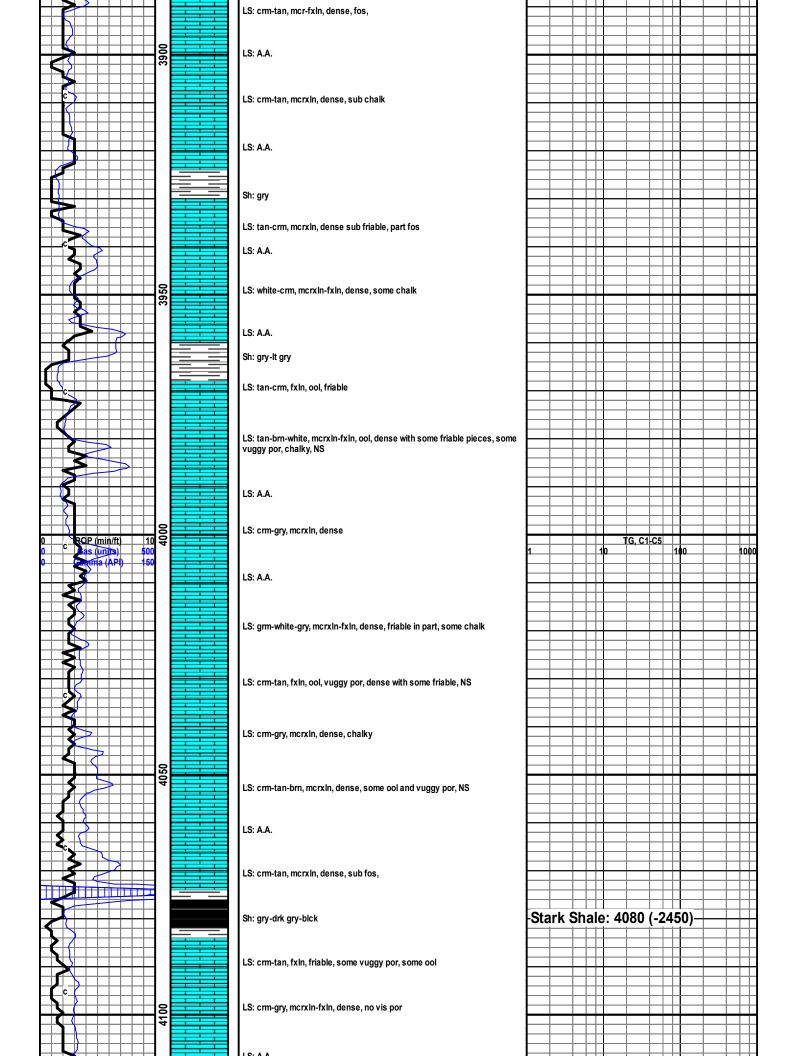
Geo	rge F	R. Jones
		(OWWO)
Sec	2-3	1S-12W
900' F	NL,	450' FEL
KB: 16	17	
II.	+1	4
Ĭ.	+2	3
Ĭ	+1	0
Ĭ	+1	7
	+1	1
i i		

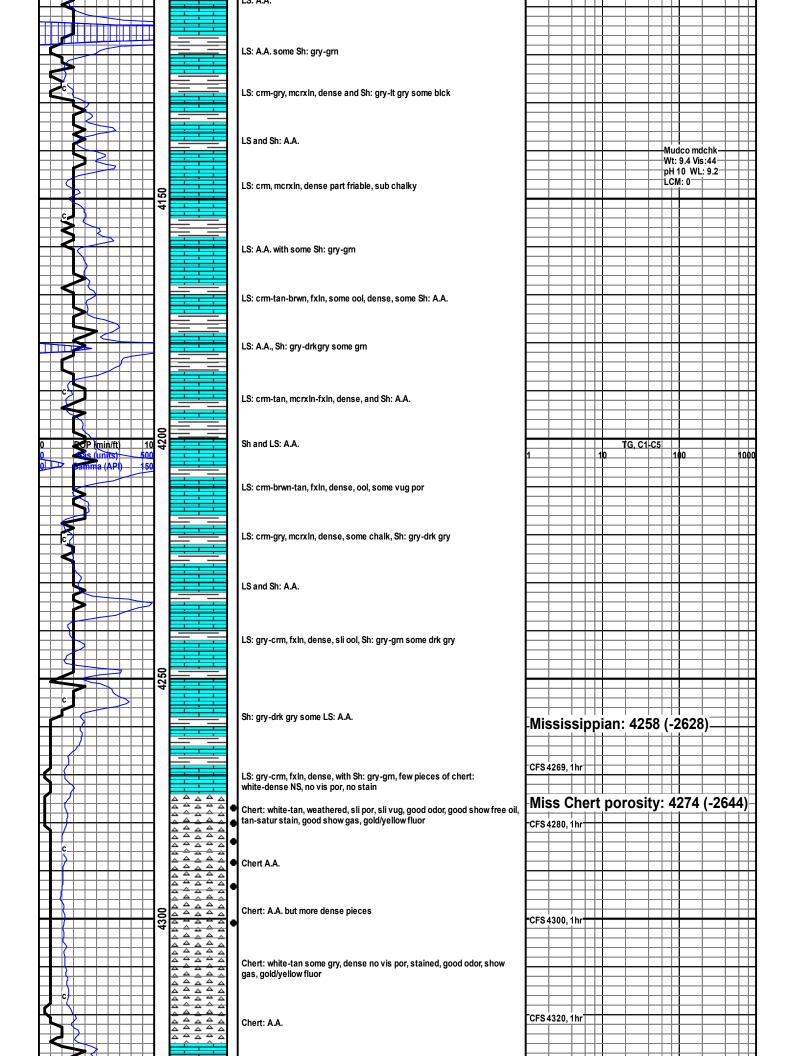


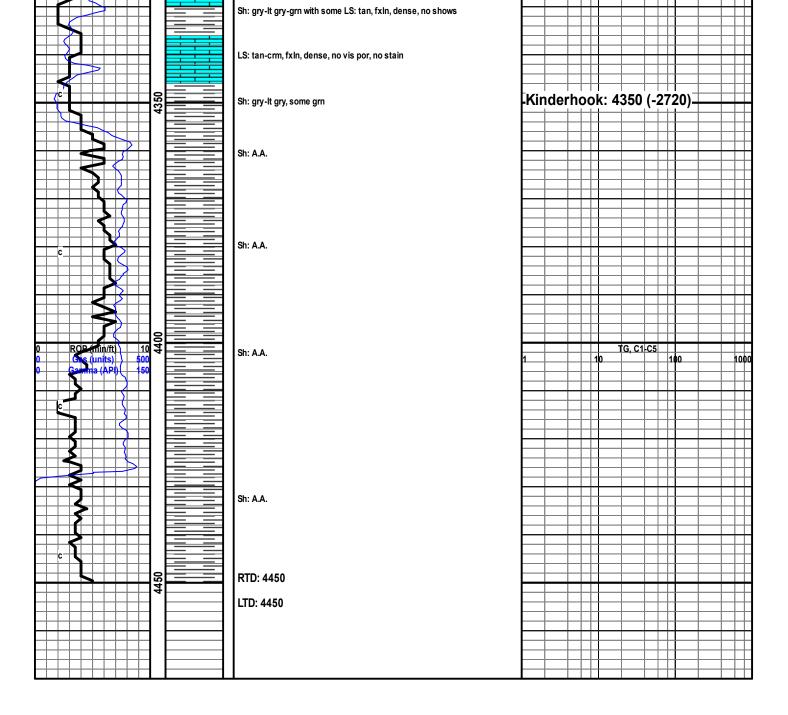












ALLIE OIL & GAS SERVICE, LLC 062298 Federal Tax I.D. # 20-8651475

REMIT TO P.O. SOU		99 , TEXAS 760	92	SERVICE POINT:
· > ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	SEC.	TWP.	RANGE	CALLED OUT ON LOCATION JOB START JOON JOB FINISH P W
DATE 3-8-14				
Chain Brick	WELL:	" B-5	LOCATION 99 5	coins Pol + 281 1/4 N/ Barber Kansas
OLD OR NEW			& East	5/\$
			1/2 2 603.	
CONTRACTOR				OWNER White Exploration
TYPE OF JOB	Surf	ace		
HOLE SIZE	(-)	T.D		CEMENT
CASING SIZE	8-518		PTH 311-67	AMOUNT ORDERED
TUBING SIZE			PTH	205 sx class A +360
DRILL PIPE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		PTH	
TOOL	200		PTH	COMMON A 205 5x @ 17.90 3669-50
PRES. MAX 3	00		NIMUM	
MEAS. LINE	IN CCC	·SH	OE JOINT	POZMIX@
CEMENT LEFT	IN CSG.			GEL@
PERFS. DISPLACEMEN	.IT	186 Bbi	s Freshwater	
DISPLACEMEN				
	E	QUIPMENT	ľ	@
PUMP TRUCK	CEME	NTER CAN	-Kascie J	
# <i>47/-265</i>	HELPE	R Herry	silley	
BULK TRUCK		^	011	@
#364	DRIVE	R Cenc	Bickley	
BULK TRUCK			·	@
#	DRIVE	ER		- HANDLING 216.45 @ 2.48 536.79
				MILEAGE 69.47 /2-60 180.62
	I	REMARKS:		TOTAL 4898-91
Run	31(878 C	482/	SERVICE
Bueak		atton	With Dic	
Dung	5 fre	sh water	, , , , , , , , , , , , , , , , , , ,	DEPTH OF JOB 3(()
7 20	5 4	Censent		PUMP TRUCK CHARGE 15/2 · 25
εDis,	slave u	vith 18	1/2 WAter	EXTRA FOOTAGE @
Leave	20' a	ment in	Pipe + shut	in MILEAGE 7. @ 7.70 53.90
leuren	<u>z + Dio</u>	Leineula	rte	— MANIFOLD@
				LU 7 @ 4.40 30-50
	-11/	,	,	@
CHARGE TO:	W Nite	Eplom	tion	
		7	, ,	TOTAL <u>1596. 95</u>
STREET				
CITY		STATE	ZIP	
				PLUG & FLOAT EQUIPMENT
To: Allied Oil	& Gas S	ervices, LLO	C.	<u> </u>
You are hereb	y request	ed to rent ce	menting equipme	nte
			to assist owner or	
			The above work w	
			n of owner agent o	MACATA 4 T
		•	and the "GENER.	AL .
			ed on the reverse s	SALECTAY (If Any)
				TOTAL CHARGES 6495.86
	γ,	172.	1/01/2-	
PRINTED NA	ME_ <i>_/_/</i>	100	1-ANN	DISCOUNT IF PAID IN 30 DAYS
		na li		NE+ 4871.89
SIGNATURE		POV B	0 /m/	1 1

ALLIED OIL & GAS SERVICES, LLC 062245 Federal Tax I.D. # 20-8651475

SOUTH		9 TEXAS 76	092		SERVICE POINT: . <u>Mediane lodge to</u>				
DATE (33-15-14	SEC.	TWP. 3/s	RANGE 120	CALLED OUT	ON LOCATION	JOB START	JOB FINISH		
LEASE Banch	WELL#	-		\$ 295 prings 1		COUNTY	STATE		
OLD OR NEW (Cir	rcle one)		Spinto	, , , , , , , , , , , , , , , , , , , ,		Banben			
CONTRACTOR	A	li it	7-7	······································	1.1/ 1/				
TYPE OF JOB P	Picke	<u>e1 </u>		OWNER	White				
HOLE SIZE 7 7/8			.4450	CEMENT			4 •		
CASING SIZE 5	<u>'/</u>		ртн <i>444</i> ¶	AMOUNTO	DERED JOSX	60:40:49	byel &		
TUBING SIZE DRILL PIPE			PTH PTH	_ 145×24	ess A ASC +	5#Kolsen	14.3% FL-		
TOOL		DE	РТН	- 160 tel9	# cy1 - P & .	200 gal 17	-SF		
PRES. MAX /50	O# re	st2000M	NIMUM	COMMON_S	105F 14	_@			
MEAS. LINE	000 0	SH	OE JOINT 20.77			@			
CEMENT LEFT IN PERFS.	CSG.	21		_ GEL		_@			
DISPLACEMENT	103	AGIS Fr	est HM	CHLORIDE _ _ ASC <u>Class</u>	A 1450	_@ 4@ <i>_209</i> 0	303050		
		UIPMENT		Allied 6040	- Aug - 50s	× @ 15.30	765		
	_			Koksenl	/ 725'	<u>*</u> @	7/0.50		
PUMP TRUCK	CEMENT	TER D. E	elio	- Dobiner - FC-160	21 # 41 #		774-90		
#471-265	HELPER	R. Sills	Ч	- FG-100	,,-	_@ <u>/y·/</u> ~_	- 179275		
# 364 I	UBIVED	C. Roc	41.	ASF	12,866	@ 59.70	704.40		
BULK TRUCK	DICIVER		Med			@	-		
# 1	DRIVER			- HANDLING	249.3263	-@` <u>-</u> @*	618:31		
				MILEAGE 7		_@_ <i>_%***</i> 8	189.10		
Coment, Stop	040 c	UD-56	mp 1455x A	ASC Exedepth of ic	SERVI	448 8			
Increase in 1	15 Pr W	Son	HO See Send. te, Bumpfly, 6		K CHARGE		2765.75		
103 B6/s Dice.	yotal.	Release	PSI, Floors Did 4	2 EXTRA FOOT MILEAGE	IAGE		200		
4				- MANIFOLD	Potating Lead	_ @	225.00		
			"""	Cight Uch	ide 7	@74.90	30.20		
CHARGE TO: L	12.7.	Exalsa	L_{α}			_@			
	My te	<u> </u>	JIBN	_		mom. •	3125.49		
STREET	····			- '	•	TOTAL			
CITY	S7	TATE	ZIP		PLUG & FLOAT	T EQÜIPMEI	S NT		
			(21/2)	> I-AFUF	bet Shoe	@	545.00		
			(5%	/ I-laych D	our Plus AD	7 / _@	32.5-00		
To: Allied Oil & (1-cement	Busher	<u>_</u> @	395.00		
			menting equipment	12- Centra 25-Rotati	Lizens La Sinadelan	@ <u>57.0</u>	3525.00		
and furnish cemer	ucr and ork as is	neiper(s) t s listed T	o assist owner or he above work was		1	<u> </u>			
			of owner agent or			TOTAL	5474.00		
contractor. I have	read an	d understa	ind the "GENERAL		<u></u>				
TERMS AND CO	NDITIO	DNS" liste	d on the reverse side	e. SALES TAX (_		 ·		
		4		TOTAL CHAI	RGES <i>155</i>	47.50	<u> </u>		
PRINTED NAME_	Tessy	Baird	White Explo	الایک گانیCOUNT _ الایک	1. 1655		D IN 30 DAYS		
SIGNATURE	every - je	Graf V	tulo Exploita	est. Ne	t 1123	0.51			