

Confidentiality Requested:

Yes No

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

1229359

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:			Sec	TwpS. R	East West		
Address 2:			Feet from North / South Line of Sectio				
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section		
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:		
Phone: ()			□ NE □ NW	V □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:	W	/ell #:		
	e-Entry	Workover	Field Name:				
	_		Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:		
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:		
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No		
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, c	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:							
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan			
☐ Plug Back	Conv. to G		(Data must be collected from the				
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls		
Dual Completion			Dewatering method used: _				
SWD			Location of fluid disposal if	hauled offsite			
☐ ENHR			1				
GSW	Permit #:		Operator Name:				
_ <del>_</del>			Lease Name:	License #:_			
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West		
Recompletion Date		Recompletion Date	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:



Operator Name:			Lease Nam	e:		Well #:	
Sec Twp	S. R	East West	County:				
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to s	g and shut-in pressu	ures, whether shut-in	pressure reached	static level, hydrosi	tatic pressures, bot		
Final Radioactivity Log, files must be submitted in					nailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		_ •	tion (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	☐ Yes ☐ No		Name		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			NG RECORD	New Used	ation ata		
D (0):	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
		ADDITION	NAL CEMENTING /	SQUEEZE RECOR	D		
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Use	d	Type and F	Percent Additives	
Perforate Protect Casing	iop Zollolli						
Plug Back TD Plug Off Zone							
Flug Oil Zoile							
Did you perform a hydraulic	fracturing treatment o	n this well?		Yes	No (If No, sk	ip questions 2 aı	nd 3)
Does the volume of the total	l base fluid of the hydr	aulic fracturing treatmer	nt exceed 350,000 ga	llons? Yes	No (If No, sk	ip question 3)	
Was the hydraulic fracturing	treatment information	submitted to the chemi	cal disclosure registry	y? Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridge F			acture, Shot, Cement		
	Specify F	ootage of Each Interval	Perforated	(.	Amount and Kind of Ma	iterial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First Desumed D	aduation CMD as TAU	ID Producing	Mothod:				
Date of First, Resumed Pr	oduction, SWD of ENF	IR. Producing I		Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water		Gas-Oil Ratio	Gravity
	105.046	<u>'</u>		ADJ ETIC:		BE 22-11-	
DISPOSITION		Open Hole	METHOD OF COI		ommingled	PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease	Орентное			ubmit ACO-4)		

Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	Yates 1
Doc ID	1229359

#### Tops

Name	Тор	Datum
Stark Shale	4504	-3153
Hushpuckney	4535	-3184
B/KC	4584	-3233
Pawnee	4689	-3338
Cherokee Group	4740	-3389
Mississippian	4798	-3447
Kinderhook Shale	5052	-3701
Woodford	5130	-3779
Misner	5149	-3798
Viola	5189	-3838

Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	Yates 1
Doc ID	1229359

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Production	7.875	5.5	15.50	5195	ASC		5% kolseal, 4% gel, 60:40
Surface	12.25	8.625	23	928.98	Class A	475	2%gel. 3%cc

# ALLILJ OIL & GAS SERVICES, LLC 063511 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092		SEF	RVICE POINT:	Be 1
			Diast	ond
DATE 8-15-14 SEC. TWP. RANGE 12	CALLED OUT	ON LOCATION 5 Aun	JOB START	JOB FINISH
LEASE YOT'S WELL# 1 LOCATION South	1781-56W.	.1	COUNTY	STATE
Or non-vertice			porper	12)
- B STAN CAR EA	- 1W- YEN-13	, hto		
CONTRACTOR VAL 5	OWNER			
TYPE OF JOB Surface				·
HOLE SIZE 124 T.D.	CEMENT			_
CASING SIZE SEY DEPTH 928/99	_ AMOUNT OR	DERED 250	60/40 3%	(L 2/120 Var
TUBING SIZE DEPTH DRILL PIPE DEPTH	_ 22) clus	A 3/11 1	z gel	
DRILL PIPE DEPTH TOOL DEPTH		<del></del>	- <u>-</u>	
PRES. MAX MINIMUM		02.5		50
MEAS. LINE SHOE JOINT 42.06	COMMON POZMIX	225	_@ <u>17.90</u>	4.027,50
CEMENT LEFT IN CSG. 4 2,06	GEL	423		211.50
PERFS.	CHLORIDE_	1279	-@ <u>55</u>	1.466.90
DISPLACEMENT 54.49 bbl fresh word	ASC_		_@ <u>1113</u>	1.400.10
EQUIPMENT		0/40+2%	_@ <i>18.43</i>	4.607.50
<u>,</u>	MOSEGI	<u>63</u>	@2. <del>\</del>	187.11
PUMPTRUCK CEMENTER JOSL 156 4C	<u> </u>			
# 398 HELPER Ben Novel	_ Mater	riels Total	2 @	10.440.5
BULK TRUCK	•	Disi	_@_ <i>26%</i>	2.088,10
#609-239 DRIVER ZCB SCHUOLL	<del></del>		@	
BULK TRUCK	· <del></del>	يک	rviel _	·
# DRIVER	HANDLING	cu 9/	_@ <i>ฺ<u></u>รฺงห</i>	1 2/9 34
	MILEAGE 2		_ @ <u>X• / ø</u> 2•75	1.231.45
REMARKS:				
On locasion-Rigger - had saftey Metting				
fran 888 casing - Brok circulation Meg morel				
m/ 250 Sh 60/40 3/10 2201 14710		- 0.25		
Mix 225 SX Closs A 3/11 Zingel	DEPTH OF JO		2	<del></del>
Displace 54. 49 Hol Feel voor	PUMP TRUCK EXTRA FOOT		2058.5	<u>-</u>
Shut in,	MILEAGE_		_@ 	154.00
Coment did circulate	MANIFOLD	. V \ <u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>	_@ <del>_7.7S.</del>	225.00
		um 20	@ <del>3</del> .40	88.00
			@	
CHARGE TO: Indian Dil (0.	-	-		
CTDEFT			TOTAL	5.076.49
STREET			101AL	5.076. 1
CITYSTATEZIP				
e de la companya de	3	PLUG & FLOAT	r equipmen	Т
	7-80-	k. 1 -	0.5%	.12 - 00
	Rubber	Kets	_@ <u>\$66</u> @13).00	131 50
To: Allied Oil & Gas Services, LLC.	wooden	Bafic Nore	_@ <i>320.0</i> 0	370,00
You are hereby requested to rent cementing equipment		2	@ <del></del>	0201
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			TOTAL	1.571.00
contractor. I have read and understand the "GENERAL			TOTAL	314.20
TERMS AND CONDITIONS" listed on the reverse side.	CALEOTEAN OF			_ · •
	SALES TAX (I	. Auy)———		
in the feverse side.	TOTAL CUAR	GES 17. A 83	(,00	_
$\times D$ . 1	TOTAL CHAR	GES / 7.088	٧.٥٥	<i></i>
PRINTED NAME & Randy Sn. K	TOTAL CHAR	GES / 7.08	۲. <u>٥٥</u>	<i>(</i>
$\times D$ . 1	TOTAL CHAR	GES / 7.088	(.00	<i>(</i>

## ALLIE OIL & GAS SERVICES, LLC 063159

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092 SERVICE POINT:

MEDEINE LODGE KS

i .		
DATE 8-23-14 SEC. 13 TWP. RANGE 12 12	CALLED OUT ON LOCATION 1000 AM	JOB START JOB FINISH 430 PM 545 PM
LEASE YATES WELL# / LOCATION 281 KING	A TOT S TO STUBBLE RD	COUNTY STATE
OLD OR (NEW) (Circle one) STO STATE LINE		
Dru Simo Line	07 1 00 10,11100 0 21010	<b>」</b>
CONTRACTOR VAL 5	OWNER INDIAN OIL	
TYPE OF JOB PRODUCTION		
HOLE SIZE 7 7/8 T.D.	CEMENT	
CASING SIZE 51/2 DEPTH 5195	AMOUNT ORDERED	<del></del>
TUBING SIZE DEPTH DRILL PIPE DEPTH		<del></del>
TOOL DEPTH		· · · · · · · · · · · · · · · · · · ·
PRES. MAX MINIMUM	COMMON	_@
MEAS. LINE SHOE JOINT 21'	POZMIX	@
CEMENT LEFT IN CSG. 21'	GEL	@
PERFS.	CHLORIDE	@
DISPLACEMENT FRUSH HO	ASC 75 5x	@23.50 1762.50
EQUIPMENT	60:40:4 50 sx	@ 18.43 921.50
	Kolseac 375	_@ <u>.98</u> <u>367.50</u>
PUMPTRUCK CEMENTER SCOTT PRIDDY	F1-160 35.25	@ <u>1890 666.22</u>
# 892/555 HELPER JUSTIN BOWER	Defoamer 10.5 #	_@ <i>35036.</i> 75
BULK TRUCK	<del>Property of the second second</del>	_@
# 364 DRIVER JAMES BOWEN	<del></del>	@ 
BULK TRUCK		
# DRIVER	HANDLING	- <del>@</del>
	MILEAGE	
REMARKS:	25% - 93861	TOTAL 3754-47
	000/ 1500.	101AL 3 12 1-17
ON LOCATION BUN CASING SAFTER MEETING SPOT IN RIGUP, PRESSURY TEST		
	CHIERRA	
	SERVI	CE
PUMP SPACER, PLUB RAT HOLE, PLUG MOUSE HOLE	•	CE
PUMP STATER, PLUG RAT HOLE, PLUG MOUSE HOLE PUMP CEMBRY, SHUT DOWN, CLEAN LINGS	DEPTH OF JOB <u>5195</u>	
PUMP SPACER, PLUB RAT HOLE, PLUG MOUSE HOLE	DEPTH OF JOB <u>5195</u> PUMP TRUCK CHARGE <u>3</u>	099.25
PUMP SPACER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CEMBRUY, SHUT DOWN, CLEAN LINES START DUPLACE METHY	DEPTH OF JOB <u>5195</u> PUMP TRUCK CHARGE <u>3</u> EXTRA FOOTAGE <u>22</u>	099.25 @ 4.40 96.80
PUMP STREER, PLUE RAT HOLE. PLUG MOUSE HOLE PUMS CAMONY, SHUT DOWN, CLEAN LINGS START DUPLACE MOTH SLOW RATE	DEPTH OF JOB <u>5195</u> PUMP TRUCK CHARGE <u>3</u> EXTRA FOOTAGE <u>22</u> MILEAGE <u>22</u>	099.25 @ 4.40 96,80 @7.70 169.40
PUMP STROER, PLUB RAT HOLE. PLUG MOUSE HOLE PUMP CAMENY, SHUT DOWN, CLEAN LINES START DUPLACE MOTH SLOW RATE BUMP PLUC	DEPTH OF JOB <u>5195</u> PUMP TRUCK CHARGE <u>3</u> EXTRA FOOTAGE <u>2</u> MILEAGE <u>2</u> MANIFOLD	099.25 @ 4.40 96.80 @ 7.70 169.40 @ 275.60
PUMP STROER, PLUB RAT HOLE. PLUG MOUSE HOLE PUMP CAMENY, SHUT DOWN, CLEAN LINES START DUPLACE MOTH SLOW RATE BUMP PLUC	DEPTH OF JOB <u>5195</u> PUMP TRUCK CHARGE <u>3</u> EXTRA FOOTAGE <u>22</u> MILEAGE <u>22</u>	099.25 @ 4.40 96,80 @7.70 169.40
PUMP SPACER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CAMENT, SHUT DOWN, CLOAN LINES START DUPLICE MOTH SLOW RATE BUMP PLUC RELIESE PRESSURY, PLOAT DID HOLD	DEPTH OF JOB 5195 PUMP TRUCK CHARGE 3 EXTRA FOOTAGE 10 22 MILEAGE 22 MANIFOLD 150-41 Mileage 141-68	099.25 @ 440 96.80 @7.70 169.40 @ 175.00 @7.48 373.01 @2.75 389.62
PUMP SPACER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CAMENT, SHUT DOWN, CLOWN LINES START DUPLICE METAL SLOW RATE BUMP PLUC RELIESE PRESSURY, PLOAT DID HOLD CHARGE TO: INDIAN OIL	DEPTH OF JOB <u>5195</u> PUMP TRUCK CHARGE <u>3</u> EXTRA FOOTAGE <u>22</u> MILEAGE <u>22</u> MANIFOLD <u>150-41</u>	099.25 @ 440 96.80 @7.70 169.40 @ 175.00 @7.48 373.01 @2.75 389.62
PUMP SPACER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CAMENT, SHUT DOWN, CLOAN LINES START DUPLICE MOTH SLOW RATE BUMP PLUC RELIESE PRESSURY, PLOAT DID HOLD	DEPTH OF JOB 5195 PUMP TRUCK CHARGE 3 EXTRA FOOTAGE 10 22 MILEAGE 22 MANIFOLD 150-41 Mileage 141-68	099.25 @ 440 91.80 @7.70 169.40 @ 175.00 @7.48 373.01 @2.75 389.62
PUMP STREER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CAMENT, SHUT DOWN, CLEAN LINE'S START DUPLACE MOTH SLOW RATE BUMP PLUC RELIESE PRESSURY, FLOAT DID HOLD  CHARGE TO: INDIAN OIL STREET	DEPTH OF JOB 5195 PUMP TRUCK CHARGE 3 EXTRA FOOTAGE 10 22 MILEAGE 22 MANIFOLD 150-41 Mileage 141-68	099.25 @ 440 96.80 @7.70 169.40 @ 175.00 @7.48 373.01 @2.75 389.62
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PUMP STREER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CAMENT, SHUT DOWN, CLEAN LINE'S START DUPLACE MOTH SLOW RATE BUMP PLUC RELIESE PRESSURY, FLOAT DID HOLD  CHARGE TO: INDIAN OIL STREET	DEPTH OF JOB 5/95  PUMP TRUCK CHARGE3  EXTRA FOOTAGE LU 22  MILEAGE 22  MANIFOLD	099.25 @ 4.40 96.80 @ 7.70 169.40 @ 2.48 373.01 @ 2.75 389.62 TOTAL 4403.08
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PUMP STREER, PLUB RAT HOLE, PLUG MOUSE HOLE PUMP CAMENY, SHUT DOWN, CLEAN LINES  START DUPLACE MOTH SLOW RATE BUMP PLUG RELIESE PRESSURY, FLOAT DID ITOLD  CHARGE TO: INDIAN OIL  STREET  CITY  STATE  ZIP	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE LU 22  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  257 1100-77  PLUG & FLOAT	099.25  @ 440 91.80  @ 770 169.40  @ 175.60  @ 7.48 373.01  @ 2.75 389.62  TOTAL 4403.08
PUMP STREER, PLUB RAT HOLE, PLUC MOUSE HOLE PUMP CAMENY, SHUT DOWN, CLEAN LINGS START DUPCHCO MOTH SLOW RATE BUMP PLUC ROLLOSE PRESSURY, PLOAT DID ITOLD  CHARGE TO: INDIAN OIL  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, LLC.	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE LU 22  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  257 1100-77  PLUG & FLOAT	099.25  @ 440 91.80 @ 770 169.40 @ 175.00 @ 7.48 373.01 @ 2.75 389.62  TOTAL 4403.08  FEQUIPMENT  @ 545.00 @ 460.00
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Pump Stage R. Plub Rat Hold. Plub mouse Hold Pump Carmeny, Shut down, Cloan Lings  Start during many  Slow Rate  Bumi Pluc  Relies Pressury, Flort DID Hold  CHARGE TO: DIDIAN OIL  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	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE LU 22  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  257 1100-77  PLUG & FLOAT	699.25  @ 440 96.80  @ 7.70 169.40  @ 175.00  @ 2.75 389.62  TOTAL 4403.08  FEQUIPMENT  @ 545.00  @ 456.00  @ 57.00 456.00
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Pump State Plus Rat Hold. Plub mouse Hold Pump Carmeny, Shut down, Clara Linois  State du Parce Mary  Slow Rate  Bumi Pluc  Relies Pressury, Flort DID Hold  CHARGE TO: DIDIAN OIL  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 contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE LU 22  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  257 1100-77  PLUG & FLOAT	099.25  @ 440 91.80  @ 7.70 169.40  @ 175.00  @ 2.75 389.62  TOTAL 4403.08  FEQUIPMENT  @ 545.00  @ 456.00  @ 57.00 456.00
Pump Stager, Plub Rat Hold. Plub mouse Hold Pump Caparly, Salut down, Cloan Line's Stager during Slow Rate Bumi Plub Rate Pressure, 170 of DID 14010 STREET 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 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"	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE LU 22  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  257 1100-77  PLUG & FLOAT	099.25  @ 440 91.80  @ 7.70 169.40  @ 175.00  @ 2.75 389.62  TOTAL 4403.08  FEQUIPMENT  @ 545.00  @ 456.00  @ 57.00 456.00
Pump State Plus Rat Hold. Plub mouse Hold Pump Carmeny, Shut down, Clara Linois  State du Parce Mary  Slow Rate  Bumi Pluc  Relies Pressury, Flort DID Hold  CHARGE TO: DIDIAN OIL  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 contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE 1/2  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  357:- 1/00-77  PLUG & FLOAT  FAFU Float Short  Lately Down Plug  SALES TAX (If Any)	099.25  @ 440 96.80  @ 770 169.40  @ 373.01  @ 373.01  389.62  TOTAL 4403.08  TEQUIPMENT  @ 460.00  @ 57.00 456.00  @ 6
Pump Stage R. Plub Rat Hold. Plub mouse Hold Pump Carment, Shut down, closed Linous  Staget du Pluc Rate  Bumi Pluc  Rolling Prossure, Flort DID Hold  CHARGE TO: DIDIAN OIL  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 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.	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE 1/2  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  357:- 1/00-77  PLUG & FLOAT  1- AFU Float Show 1- Latch Down flug 8-(Antralizer'S	099.25  @ 440 96.80  @ 770 169.40  @ 373.01  @ 373.01  389.62  TOTAL 4403.08  TEQUIPMENT  @ 460.00  @ 57.00 456.00  @ 6
Pump Stager, Plub Rat Hold. Plub mouse Hold Pump Caparly, Salut down, Cloan Line's Stager during Slow Rate Bumi Plub Rate Pressure, 170 of DID 14010 STREET 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 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"	DEPTH OF JOB 5195  PUMP TRUCK CHARGE 3  EXTRA FOOTAGE 1/2  MILEAGE 22  MANIFOLD 150-41  Mileage 141-68  357:- 1/00-77  PLUG & FLOAT  FAFU Float Short  Lately Down Plug  SALES TAX (If Any)	099.25  @ 440 96.80  @ 770 169.40  @ 373.01  @ 373.01  389.62  TOTAL 4403.08  TEQUIPMENT  @ 460.00  @ 57.00 456.00  @ 6

# \*\*CELLS WITH BLUE BACKGROUND ARE THE ONLY CELLS TO BE EDITED\*\* Fracture Start Date/Time; 9/29/14 10:34 Fracture End Date/Time; 9/29/14 10:34 County; State: Kansas County; API Number; 15:007-24209-0000 Operator Name; 1907-24209-0000 Operator Name; NDIAN OIL. Well Name; Yutes #1 Federal Well: Longitude: -98:830419 Latitude; 37:005-2612 Long/Lat Projection; NAD27 True Verita Death (TVD; 0')

Additive	Specific Gravity	Additive Quantity	Mass (lbs)
Water	1.00	387,702	3,235,373
Sand (Proppant)	2.65	263,100	263,100
Plexcide B7	1.33	20	222
Plexcide B7	1.33	20	222
Plexgel Breaker XPA	1.03	60	516
Plexset 730	0.90	102	766
Plexset 730	0.90	102	766
Plexsurf 580 ME	0.95	93	737
Plexsurf 580 ME	0.95	93	737
Plexslick 957	1.11	298	2,760
Claymax	1.09	185	1,683
Plexgel 907L-EB	1.04	345	2,994
Plexgel 907L-EB	1.04	345	2,994
Plexgel 907L-EB	1.04	345	2,994
Plexgel 907L-EB	1.04	345	2,994
Plexgel 907L-EB	1.04	345	2,994
Plexgel Breaker 10L	1.10	4	37

Ingredients Section:

Total Slurry Mass (Lb

Ingredients Section:								
					Maximum Ingredient		Maximum Ingredient	
		_		Chemical Abstract Service	Concentration in	Mass per	Concentration in HF	
Trade Name	Supplier	Purpose	Ingredients	Number (CAS #)	Additive	Component (LBS)	Fluid	Comments
				Number (CAS#)	(% by mass)**	Component (LDS)	(% by mass)**	
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	3,235,373	91.86468%	
	Uniman	Proppant	Crystalline Silica in the form of Quartz	14808-60-7 / 238-878-4	99.90%	262,837	7.46295%	
Sand (Proppant) Plexcide B7	Chaman	Biocide		1310-73-2	4.99%		0.00031%	
Plexcide B7	Chemplex		Sodium Hydroxide Alkaline Bromide Salts (non-hazardous)		0.00%	11		
	Chemplex	Biocide	Alkaline Bromide Salts (non-hazardous)	NA			0.00000%	
Plexgel Breaker XPA	Chemplex	Slickwater Breaker	Hydrogen Peroxide	7722-84-1	7.00%	36	0.00103%	
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50.00%	383	0.01088%	
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60.00%	460	0.01305%	
Plexsurf 580 ME	Chemplex	Product Stabilizer	Methyl Alcohol	67-56-1	10.00%	74	0.00209%	
Plexsurf 580 ME	Chemplex	Product Stabilizer	2-Butoxyethanol	111-76-2	50.00%	369	0.01047%	
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25.00%	690	0.01959%	
Claymax	Chemplex	Clay Stabilizer	No Hazardous Ingredient	NA	0.00%	0	0.00000%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Distillates, Hydrotreated Light	64742-47-8	50.00%	1,497	0.04251%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Organophylic Clay	NDA	2.00%	60	0.00170%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Crystalline Silica	14808-60-7	0.06%	2	0.00005%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Alcohol Ethoxylates	34398-01-1	1.00%	30	0.00085%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Guar Gum	9000-30-0	50.00%	1,497	0.04251%	
Plexgel 907L-EB Plexgel Breaker 10L	Chemplex	Breaker/Gel	No Hazardous Ingredient	NA	0.00%	0	0.00000%	
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
								Non-M3D3 Component
		_						

\*Total Water Volume sources may include fresh water, produced water, and/or recycled water
\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.