

Confid	entiali	ty Requested:
Yes		No

Kansas Corporation Commission Oil & Gas Conservation Division

1234781

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 SWD 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:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: 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:							
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. 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 III Approved by: Date:



Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. Eures, whether shut-in predict final chart(s). Attach	essure reached stati	c level, hydrosta	atic pressures, bott		
		otain Geophysical Data a or newer AND an image		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No		_	on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		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 Percent Additives
	Donth		. CEMENTING / SQL	JEEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
	ulic fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 aı	nd 3)
Does the volume of the to	otal base fluid of the hydr	aulic fracturing treatment ex submitted to the chemical	_	= :	No (If No, ski	p questions 2 at p question 3) out Page Three	
Shots Per Foot	PERFORATION Specify For	N RECORD - Bridge Plug ootage of Each Interval Per	s Set/Type forated		cture, Shot, Cement mount and Kind of Ma		d Depth
				,			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er B	bbls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	Open Hole		Comp. Con	mmingled	PRODUCTIO	ON INTERVAL:
(If vented, Sul	bmit ACO-18.)	Other (Specify)	(Submit)	400-5) (Sub	omit ACO-4)		

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Collene Unit 1-21
Doc ID	1234781

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Collene Unit 1-21
Doc ID	1234781

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	890	60/40 Poz	2% gel / 3% cc



Scale 1:240 Imperial

Well Name: Collene Unit #1-21

Surface Location: 1711' FSL, 140' FWL Sec. 21-18S-14W

Bottom Location:

API: 15-009-26061-0000

License Number:

Spud Date: 11/22/2014 Time: 7:15 PM

Region: Barton County

Drilling Completed: 11/26/2014 Time: 11:45 PM

Surface Coordinates:

Bottom Hole Coordinates:

Ground Elevation: 1911.00ft K.B. Elevation: 1924.00ft

Logged Interval: 3000.00ft To: 3565.00ft

Total Depth: 3565.00ft Formation: Arbuckle

Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Shelby Resources, LLC Address: 445 Union Blvd, Suite 208

Lakewood, CO 80228

Contact Geologist: Janine Sturdavant

Contact Phone Nbr: 303-907-2209 / 720-274-4682

Well Name: Collene Unit #1-21

Location: 1711' FSL, 140' FWL Sec. 21-18S-14W API: 15-009-26061-0000

Pool: Field: Wildcat

State: Kansas Country: USA

LOGGED BY



Company: Shelby Resources, LLC
Address: 445 UNION BLVD. Suite 208

LAKEWOOD, CO. 80228

Phone Nbr: 203-671-6034

Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC Collene Unit #1-21 was drilled to a total depth of 3565', bottoming in the Arbuckle. A TookeDaq gas detector was employed in the drilling of said well.

No DST's were conducted

Due to low structural position, lack of shows and/or gas kicks, and log analysis it was determined by all parties involved to plug and abandon the well. The dry samples were saved and will be available for furthur review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Note: The Log tops are 6' higher than the sample tops at the Brown Lime though the LKC "H" and 4' higher from the Stark Shale to the Arbuckle

Respectfully Submitted, Jeremy Schwartz Geologist

CONTRACTOR

Contractor: Sterling Drilling Co

Rig #:

Rig Type: mud rotary Spud Date: 11/22/2014

TD Date: 11/26/2014

Rig Release:

Time: 7:15 PM Time: 11:45 PM

Time:

ELEVATIONS

K.B. Elevation: 1924.00ft Ground Elevation: 1911.00ft

K.B. to Ground: 13.00ft

DATE	DEPTH	ACTIVITY
Tuesday, November 25, 2014	3100'	Geologist Jeremy Schwartz on location @ 1330hrs, ~3100', DRLG ahead through
		Heebner, Toronto, Douglas Shale, Brown Lime, CFS @ 31981, Drop Survey,
	3198'	Strap Out, Swap PDC for Button Bit, Resume DRLG ahead through LKC,
Wednesday, November 26, 2014	3220'	DRLG ahead, CFS @ 3418', Resume DRLG, CFS @ 3438', Resume DRLG, CFS @ 3448',
	3448'	Resume DRLG, CFS @ 3457', Resume DRLG, CFS @ 3470', Resume DRLG, CFS @ 3475'
	34751	Resume DRLG ahead to TD @ 3565', TD reached @ 2345hrs
Thursday, November 27, 2014	3565'	Conduct Logging operations, Logging Operations Complete @ 0730hrs,
		Geologist Jeremy Schwartz off location @ 0830hrs

CLIENT:	SHELBY RESOURCES, LLC
WELL NAME:	Collene Unit #1-21
LEGAL:	NE SE NE SE 21-T18S-R14W
COUNTY:	BARTON
API:	15-009-26061-00-00
DRLG CONTRACTOR:	STERLING DRILLING CO.
RIG#:	5
DOGHOUSE #:	620-388-5433
TOOLPUSHER:	ALAN LOFTIS
CELL#:	620-388-2736

				Ĭ	•			•														
						L.D. D	RILLIN	IG			SHELBY RESOURCES, LLC					SHELBY RESOURCES, LLC						
5.					LO	RETTA POL	ZIN TR	UST#	1-22	i i	H-P UNIT #1-22					S-B UNIT #1-21						
		COLLENE I	JNIT #1-15			SE SW NE SV	N 22-1	85-14	W			SE SE SW N	N 22-1	185-14	W		NE NW NW SE 21-185-14W					
	КВ		1924		КВ			916			KB			929			KB 1929					
	LOG	TOPS	SAMPI	ETOPS	COME	P. CARD	Li	og	5N	IPL.	COM	. CARD	LO	OG	SIV	IPL.	COMP	. CARD	LI	OG	SM	APL.
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CO	RR.	CC	RR.	DEPTH	DATUM	CC	RR.	CO	RR.	DEPTH	DATUM	CO	RR.	CO	RR.
ANHYDRITE TOP	870	1054	870	1054	856	1060	*	6	-	6	875	1054	+	0	+	0	894	1035	+	19	+	19
BASE	899	1025	900	1024	882	1034	1	9	-	10	900	1029	. +	4	-	5	918	1011	*	14	+	13
TOPEKA	2900	-976	2906	-982	2878	-962		14	3	20	2903	-974	- 4	2	2	8	2912	-983	+	7	+	1
HEEBNER SHALE	3114	-1190	3120	-1196	3092	-1176	-	14	-	20	3118	-1189	+	1	¥	7	3124	-1195	+	5	-	1
TORONTO	3124	-1200	3130	-1206	3100	-1184		16	78	22	3128	-1199		1	=	7	3135	-1206	*	6	+	0
DOUGLAS SHALE	3137	-1213	3141	-1217	3114	-1198	-	15	-	19	3140	-1211	1	2	2	6	3149	-1220	+	7	+	3
BROWN LIME	3190	-1266	3196	-1272	3167	-1251	*	15	3	21	3192	-1263	4	3	9	9	3200	-1271	+	5	-	1
LKC	3199	-1275	3205	-1281	3176	-1260	W.	15	Ŷ.	21	3202	-1273	ंक	2		8	3212	-1283	+	8	+	2
LKC G	3268	-1344	3274	-1350	3249	-1333	1	11	-	17	3273	-1344	+	0	-	6	3281	-1352	+	8	+	2
MUNCIE CREEK	3326	-1402	3332	-1408	3307	-1391	4	11	10	17	3338	-1409	+	7	+	1	3336	-1407	+	5	-	1
LKC H	3331	-1407	3338	-1414	3313	-1397	1	10	10	17	3340	-1411	+	4		3	3340	-1411	+	4		3
STARK SHALE	3380	-1456	3384	-1460	3363	-1447	8	9	7.	13	3388	-1459	+	3		1	3388	-1459	+	3	17.1	1
BKC	3408	-1484	3410	-1486	3390	-1474	14	10	Ti-	12	3414	-1485	+	1	20	1	3417	-1488	+	4	+	2
CONGLOMERATE	3421	-1497	3420	-1496	3395	-1479	(4)	18	-	17	3420	-1491	-	6	×	5	3422	-1493	-	4	-	3
ARBUCKLE	3464	-1540	3467	-1543	3424	-1508	*	32	*	35	3469	-1540	+	0	=	3	3458	-1529	ŧ.	11	100	14
RTD			3565	-1641	3550	-1634			=	7	3550	-1621			Ŧ	20	3550	-1621			120	20
LTD	3562	-1638			3549	-1633	-	5			3552	-1623	-	15			3549	-1620		18		

PROGNOSIS							
ANHYDRITE TOP	875	1049					
HEEBNER SHALE	3100	-1176					
LANSING	3184	-1260					
BKC	3398	-1474					
ARBUCKLE	3432	-1508					
RTD	3500	-1576					

DST #1 (3174-3255) LKC "A-G" 30-45-45-60 Weak Surface Blow built to 7" Good Strong blow BOB 45' 185' GIP 155'WGOCM (71%M, 12%O, 10%G, 7%W) SIP: 870-865

TESTED

DST #2 (3302-3376) LKC "H-K" 30-30-30-30 Blow Built to 2" Blow Built to 2.5" 5' GSOCM (89%M, 9%O, 2%G) SIP: 92-94

DST #3 (3374-3436) Arbuckle 30-45-45-60 Strong Blow BOB 1" 4.5"BB Strong Blow BOB 1' 45" 310' GIP, 1745' GO (98%O, 2%G) 275' WGMO (90%Emulsified Oil) SIP: 1019-1008

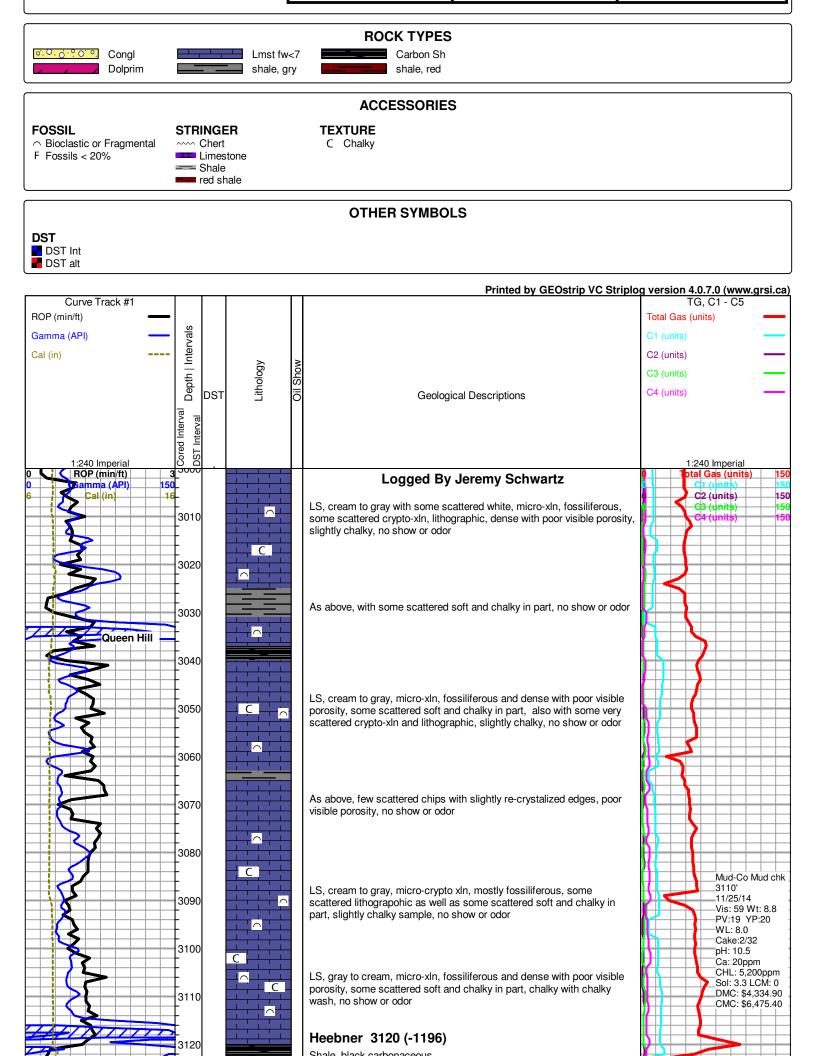
DST#1 (3313-3347) LKC "H" 15-45-10 Weak Blow Built to 1IN No BB Blow Dead/Flush Tool/Pull Test 3' Mud SIP: 124-180

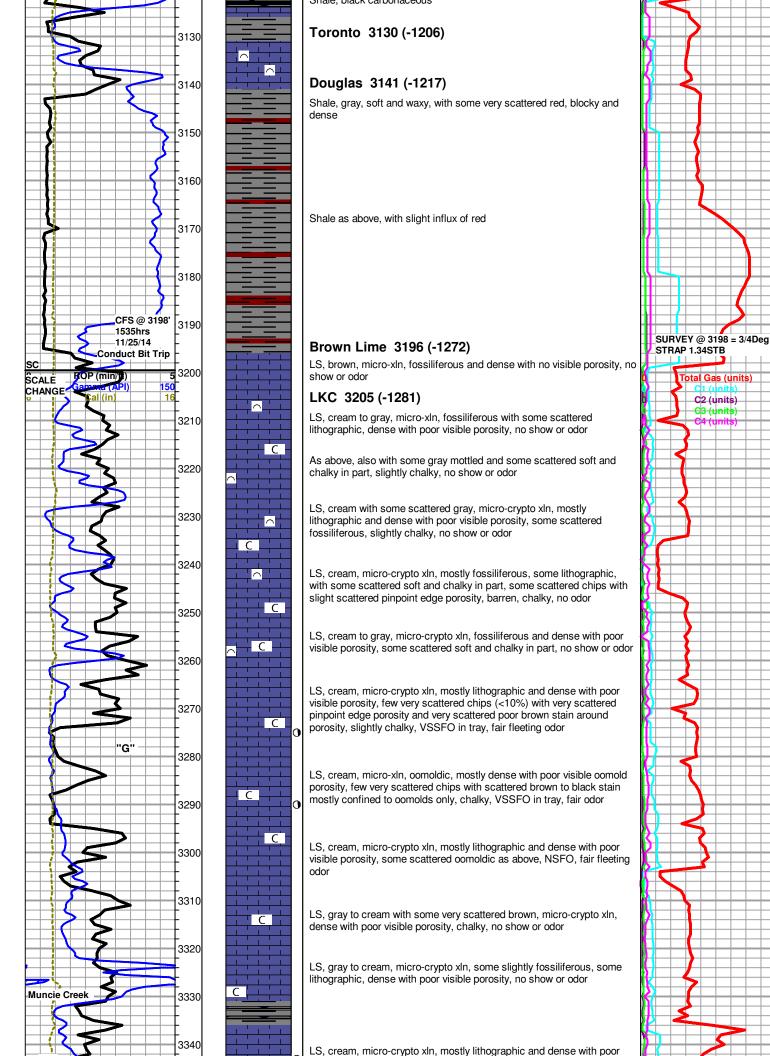
TESTED

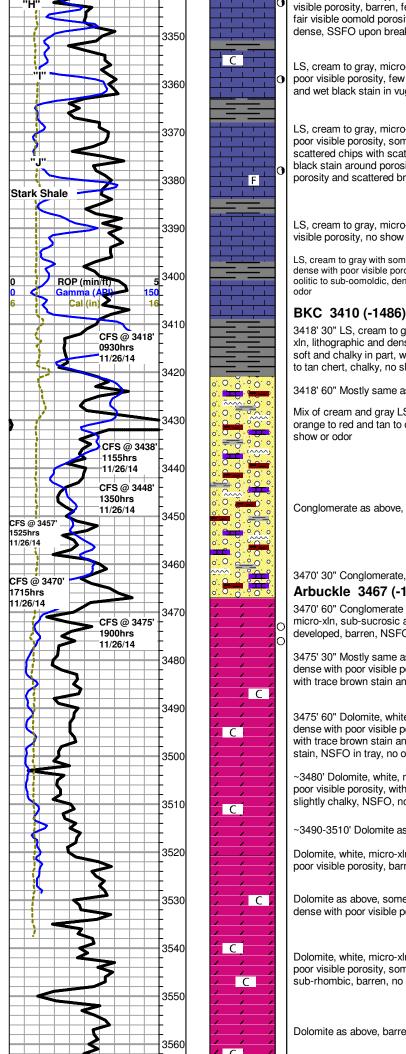
DST #1 (3265-3352) LKC "F-H" 10-45-33 Weak Blow Built to 1/2" No BB Weak Blow Built to 1/4" then died Flush Tool/Pull Test 240' MW w/show oil (90%W/10%M) SIP: 1001-179

TESTED

DST #2 (3402-3472) Arbuckle 15-60-30-60 Good Blow BOB 8MIN 45SEC Surface BB Good Blow BOB 11MIN No BB 510' SGMW (1%G) SIP: 1161-1157







visible porosity, barren, few chips (<5%) sub-oomoldic to oomoldic with fair visible oomold porosity and scattered brown stain around oomolds, dense, SSFO upon break, poor fleeting odor

LS, cream to gray, micro-crytpo xln, mostly lithographic and dense with poor visible porosity, few very scattered chips with few scattered vugs and wet black stain in vugs only, chalky, NSFO, no odor

LS, cream to gray, micro-crypto xln, mostly lithographic and dense with poor visible porosity, some scattered slightly fossiliferous, few very scattered chips with scattered pinpoint edge porosity and brown to wet black stain around porosity, upon break chips show fair inter-xln porosity and scattered brown inter-xln stain, NSFO, poor odor

LS, cream to gray, micro-crypto xln, lithographic and dense with poor visible porosity, no show or odor

LS, cream to gray with some scattered white, micro-crypto xln, lithographic and dense with poor visible porosity, also with some very scattered cream suboolitic to sub-oomoldic, dense and barren with poor visible porosity no show or

3418' 30" LS, cream to gray with some scattered white, micro-crypto xln, lithographic and dense with poor visible porosity, some scattered soft and chalky in part, with some very scattered orange to red and clear to tan chert, chalky, no show or odor

3418' 60" Mostly same as above, no show or odor

Mix of cream and gray LS, red and gray shale, and some scattered orange to red and tan to opaque chert, trace oolitic chert, red wash, no

Conglomerate as above, with heavy red wash, no show or odor

3470' 30" Conglomerate, heavy red wash, no show or odor

Arbuckle 3467 (-1543)

3470' 60" Conglomerate as above, with some scattered dolomite, white, micro-xln, sub-sucrosic and dense with poor visible porosity, poorly developed, barren, NSFO, no odor

3475' 30" Mostly same as above, with slight influx of sucrosic, mostly dense with poor visible porosity, barren, found 2 chips white, micro-xln, with trace brown stain and SSFO upon break, NSFO in tray, no odor

3475' 60" Dolomite, white, micro-xln, sub-sucrosic to sucrosic, mostly dense with poor visible porosity, some scattered fairly friable, few chips with trace brown stain and SSFO upon break, with trace inter-xln brown stain, NSFO in tray, no odor

~3480' Dolomite, white, micro-xln, mostly sub-sucrosic and dense with poor visible porosity, with some sucrosic, some fairly friable, barren, slightly chalky, NSFO, no odor

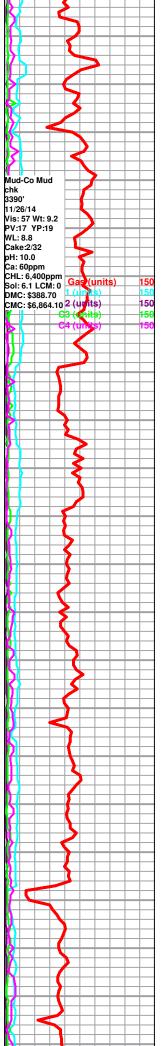
~3490-3510' Dolomite as above, chalky, no show or odor

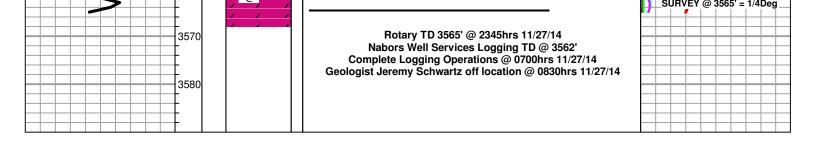
Dolomite, white, micro-xln, sub-sucrosic to sucrosic and dense with poor visible porosity, barren, no odor

Dolomite as above, some very scattered sub-rhombic development, dense with poor visible porosity, barren, no odor

Dolomite, white, micro-xln, sub-sucrosic to sucrosic and dense with poor visible porosity, some scattered fairly friable, some very scattered sub-rhombic, barren, no odor

Dolomite as above, barren, no odor





QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

6308 No.

9011 1 0 0 0 M 1 1 0 1 1											
Date 1/- 23-14 21	Twp. Range	Barton	State	On Location	Finish 300 Pm						
		Location Bay 2 51	to curve In	115 Winto	Country to the country						
Lease College uni-	Well No. 1-2	1 Owner	levorg foreign at the	Both Busyens of the	ekur pase a						
Contractor Sterling	11	To Quality Oi	To Quality Oilwell Cementing, Inc.								
Type Job Swface		cementer and	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size 12 1/4	T.D. 895	Charge C	Charge Shelby Resources								
Csg. 8 5/8	Depth 890	Street	unicescone io nouse	Est in any legal:							
Tbg. Size	Depth	City	makaraj era jazabito.	State							
Tool	Depth	The above was	s done to satisfaction a	nd supervision of owner							
Cement Left in Csg. 22-7/	Shoe Joint 22-71	/ Cement Amo	ount Ordered 375	51 6/10 37	Tocc 270ge						
Meas Line	Displace 55 615	n log e Banon, a	to the second the								
EQUIP		Common /	Common 225								
Pumptrk 20 No. Cementer Helper	Billy	Poz. Mix	Poz. Mix 150								
Bulktrk 4 No. Driver Driver	Nick	Gel. 5	Gel. 7								
Bulktrk Pu No. Driver Driver	Doug	Calcium / 4	Calcium / 5								
JOB SERVICES	& REMARKS	Hulls									
Remarks: Cement Di	d circulat	e Salt	Salt								
Rat Hole	CTELEN (6 - netros)	Flowseal	F I I	A will all grissions t	pamen 'e es						
Mouse Hole		Kol-Seal	Kol-Seal								
Centralizers		Mud CLR 48	Mud CLR 48								
Baskets		CFL-117 or (CFL-117 or CD110 CAF 38								
D/V or Port Collar		Sand		Though After the steam	X m io 2 inc.						
	the state of the s	Handling =	Handling 397								
		Mileage									
and Jahma all us VI	NOW AT BEAT ALLOSTING TO A		FLOAT EQUIPMENT								
om Branieri actes e general	n critices emilling in	Guide Shoe									
are consistent for example of the		Centralizer	2007 Jan 190		Alace of the are						
Buttle M. 1775 pa F. Burnard ;	na Kabupatèn ng Panagan	Baskets									
		AFU Inserts		water to the p							
A PROBLEM TO SECTION	Y TRANSPORTER	Float Shoe									
		Latch Down			ARG BOOM						
671	this to hook one	Baffle	Baffle Plate Rubber Plug Pumptrk Charge Long Surface								
.0 2				1 7	***						
- Control Cont	and the same state of the same	Pumptrk Cha	arge Land Sa	rface	Marie Carlo						
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X Signature Clan Los	1-1			Total Charge	Team toll-te						
organical con organization	ruz.			A Merci	L						



TREATMENT REPORT

Customer Shelly Resources, LLC						Lease No.							Date					
College Day							1-21					11-27-2014						
Field Order #	Station	P.	Std.	KI			- 1	Casing 4/2 DP	De	epth ₃	745	County	R	rton	1	State KS		
11445 Type Job	NW/7	DJ	A				7		Forma					Legal D	Description	1-185-19		
PIPE DATA PERFORATING DATA							FLUID USED					TREATMENT RESUME						
Casing-Size	Tubing Siz	e	Shots/Ft				Acid					RATE	PRE	ISIP				
Depth 3445	Depth	*	From	То		Pre Pad			М	Max				5 Min.				
Volume	Volume		From	То			Pad			М	Min				10 Min.			
Max Press	Max Press		From	From T		То		Frac		A	Avg				15 Min.			
Well Connection	Annulus V	ol.	From		То	То				Н	HHP Used			H.	Annulus Pressure			
Plug Depth	Packer De	pth	From T		То	Го І		Flush			Gas Volume				Total Load			
Customer Repr	esentative	7)	5n			Station	Mai	nager Kev	in Goid	uley		Trea	iter D	Slin	FISHE	li h		
	7283		881	1984	13	1885	9.	73768										
Driver Names)Scin	E	2	Ex		me6 r	50	MIGICO						-				
Time	Casing Pressure	Tı	ubing essure	Bbls	. Pun	nped		Rate				w **	Serv	ice Log				
10:30	0		41						on lo	OCSt.	ion /	155/	Pty	More	ting	11		
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(f) (e) (2)	-				ž.													

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383