KOLAR Document ID: 1318439

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:				
Name:	Spot Description:				
Address 1:					
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:				
	Producing Formation:				
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:				
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:				
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet				
CM (Coal Bed Methane)					
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	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 EOR ☐ Conv. to SWD	Drilling Fluid Management Plan				
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)				
Described	Chloride content: ppm Fluid volume: bbls				
☐ Commingled Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
EOR Permit #:	Location of fluid disposal if flauled offsite.				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R				
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 Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II Approved by: Date:							

KOLAR Document ID: 1318439

Page Two

Operator Name: _				Lease Name:	me: Well #:				
Sec Twp.	S. R.	E	ast West	County:					
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,	
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample	
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		B	CASING eport all strings set-c		New Used	ion, etc.			
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD				
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives		
Perforate Protect Casi Plug Back T									
Plug Off Zor									
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,	
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom	
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record	
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:					
TODING RECORD:	. 3126.	Set	n.	i donei Al.					

Form	ACO1 - Well Completion					
Operator	BEREXCO LLC					
Well Name	RA 2-6					
Doc ID	1318439					

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	24	1706	65/35 POZ/Class A	1/4# flakes, 3% CC



CEMENTING LOG

STAGE NO.

Date & -A	3 - 16 Dis	strict Oak	Ley	Ticket No. <u>Lo</u> S	000	CEMENT DA	•		
Company	Bereyco)		Rig Breed			Stro Viola		
Lease	La la constitue			Well No. 2		Ann	Sks Meio	ft ³ /sk Density	PPG
County	Stont			State	5 L				·
	lo ,					LEAD: Pump		hrs. Type Lite 39	Ker
Ochh50			Vinto	>		14the	~ (col	F	
CASING DATA		*****	РТА 🗌	Squeeze 🔲	Misc 🗌	Amt. 5320	Sks Yield 216	ft ³ /sk Density /2,0) PPG
52 5 E	Surface		ediate 🗌 🔞	Production [Liner 🗌	TAIL: Pump T	ime	hrs. Type Com 39	Francis PPG
Size SS	Туре	Wa	eight	Collar				_	
						Amt. 152	Sks Yield 1/3	3 ft ³ /sk Density 14/96	D PPG
	·					WATER: Lead	gals/sk	Tail gals/sk Total	Rhis
C ! D !	Top	0		1706					, Doid,
Casing Dapths:	Top	<u> </u>	Bottom	منافئ الرا			Used		
	T		····			Bulk Equip,			
	-			w			818		
Drill Pipe: Size									
Open Hole: Size	12/4	Weight	7/3/	Collars P.B. to					
CAPACITY FACT	TORC!	I.D. <u>&</u> _	ft.	P.B. to	ft.	Float Equip: Ma	anufacturer LalCaT	her Ford	
Casing:	Rhle /1 in #4	N. 2"	ال عبر (Bbl			raide shoe	Depth	
Open Holes:	Bhle/Lin #	- waster of all	Lin. It./	BDI			PHTASEFF	Depth	
Drill Pipe:	Bbls/Lin ft.		Lin. It./	Bbl Bbl				s Top Btm	
Annulus:				Bbl					· · · · · · ·
	Bbis/Lin. ft.		Lin ft /	3bl		Special Equip.	a 1 dinner	101	· · · · · · · · · · · · · · · · · · ·
Perforations: I	From	ft to	LIII. II./ i	ft. Amt		Disp. Fluid Type	LUOTET,	_ Amt. OC Bbls. Weight	PPG
		76. 10		II. AIIII, _		Mud Type		Weight	PPG
COMPANY REPR	ESENTATIVE		,			CEMENTER .	Andrew)		
TIME	PRESSU	RES PSI	FLU	JID PUMPED	DATA	T			
AM(PM)	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.			REMARKS	
6.00									
10.00							hiking Cemek	from	
							mf mixed		
							250 0649		
				160		Ster	of Displace	ment	
				12)		 			
	300								
	كسين المحت المحدود			10					
				10					
				- 10 mg		 			
	500			10		 			
				d'ari)			N		
				10		المالية المرادان المالية الأعم	7 5% 3% 1 6	a Anna da salarina	
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						700 87-85	The Care of	Collected of End of the state of	
								· · · · · · · · · · · · · · · · · · ·	
			,						



Cement Job Summary

Job Number:	LIB1608240310 Jo	b Purpose	03 Plug		,, , , , , , , , , , , , , , , , , , ,			
Customer:	Berexco LLC						Date:	8/24/2016
Well Name:	RA				Number:	2-6	API/UWI:	
County:	Stanton		City:		Control of the Contro		State:	Kansas
Cust. Rep:			Phone:			Rig Phone:	4	
Legal Desc:	SEC-6-29S-40W					Rig Name:	В	EREDCO#1
Distance	50 miles (one way)				Supervisor	A	ldo Espinosa	
Market 1			· · · · · · · · · · · · · · · · · · ·	onwest acces				
	Employees:		Emp. ID:			Employees:		Emp. ID:
ALDO ESPINO	7A	S. Milliander, can del Mircard Mally an Address Add P. C. (400 to A. (17 a.)					Carried Street (State Street or over some section of the street	

Employees:	Emp. ID:	Employees:	Emp. ID:
ALDO ESPINOZA			,
JOSE CALDERON			
CRISTIAN CAMACHO			
Equipment:			•
984-			, , , , , , , , , , , , , , , , , , , ,
994-550			
1080-842			

		Well Infor	mation					
	Tubulars							
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)		
PREVIOUS CASING	8 5/8	24	8.097	J-55	0	1,650		
TUBING/DRILL PIPE	4 1/2	16.6	3.826	1 -55	0	1,730		
		Squeeze Inf	ormation	44				
Description:	# of Perfs	Perf/Leak	: Depth	Packer/Retainer Depth				
Leak	0			1	730			
Perfs				1	730			

Materials - Pumping Schedule							
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)		
Spacer 1	FRESH WATER	10	8.30	n/a	n/a		
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)		
Lead 1	ALLIED 40/60/4 POZ BLEND - CLASS A	260	13.96	1.43	6.80		
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM		
CGEL	GEL - BENTONITE	3,44	% BWOC	894.4	lbm		
Fluid Name	Description	Rasta Qty	Density	Yield	Water (gal/sk)		
Disp. 4	Displacement	24.17229612	0.00	n/a	n/a		

Job Number:	LIB1608240310	Job Purpose	03 Plug]		
Customer:	Вегехсо LLC	Zaman a companyati a cum				Date:	8/24/2016
Well Name:	RA			Number:	2-6	API/UWI:	
County:	Stanton		City:			State:	Kansas
Cust. Rep:			Phone:		Rig Phone:		O
Distance	50	miles (one way	•)	Supervis		Aldo	Espinosa
TIME	PRESSU	RE - (PSI)	FLUID PUN	/IPED DATA	CON AD JENUTO		
AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	COMMENTS		
8/23/2016						DATE	
700pm					arrive to locagtion		
715pm					rig up		
800pm	40		22.7	3	right after pumping first plug, company mer		, company men
					found out th	at the rig crew	didn't set drill
					pipe whe	re he told ther	n @ 1730 ft

Cement Job Summary they set it at 720 ft, so circulated cement out and got more cement from yard 8/24/2016 1248am 1st plug @ 1730 ft 40 22.7 pump 10 bbl water, 50 sk/12.7 bbl cement 3 2 2 water behind, and 17 bbl mud as 3 17 3 displacement 145am 30 2nd plug @ 720ft 17.9 40sk/10.2 bbl cement, 7.7 bbl displacement 3 204am 30 3rd plug @ 300 ft 13.9 3 50sk/12.7 bbl cement,1.2 bbl displacement 230AM 20 3 4th plug from 60 ft to surface 5 20 sk/5 bbl cement 255AM Rat hole 7.6 3 30 sk/7.6 bbl cement 310AM Mouse hole 5 3 20 sk/5 bbl cement 320am wash pumping lines to pit 330AM rig down 400AM

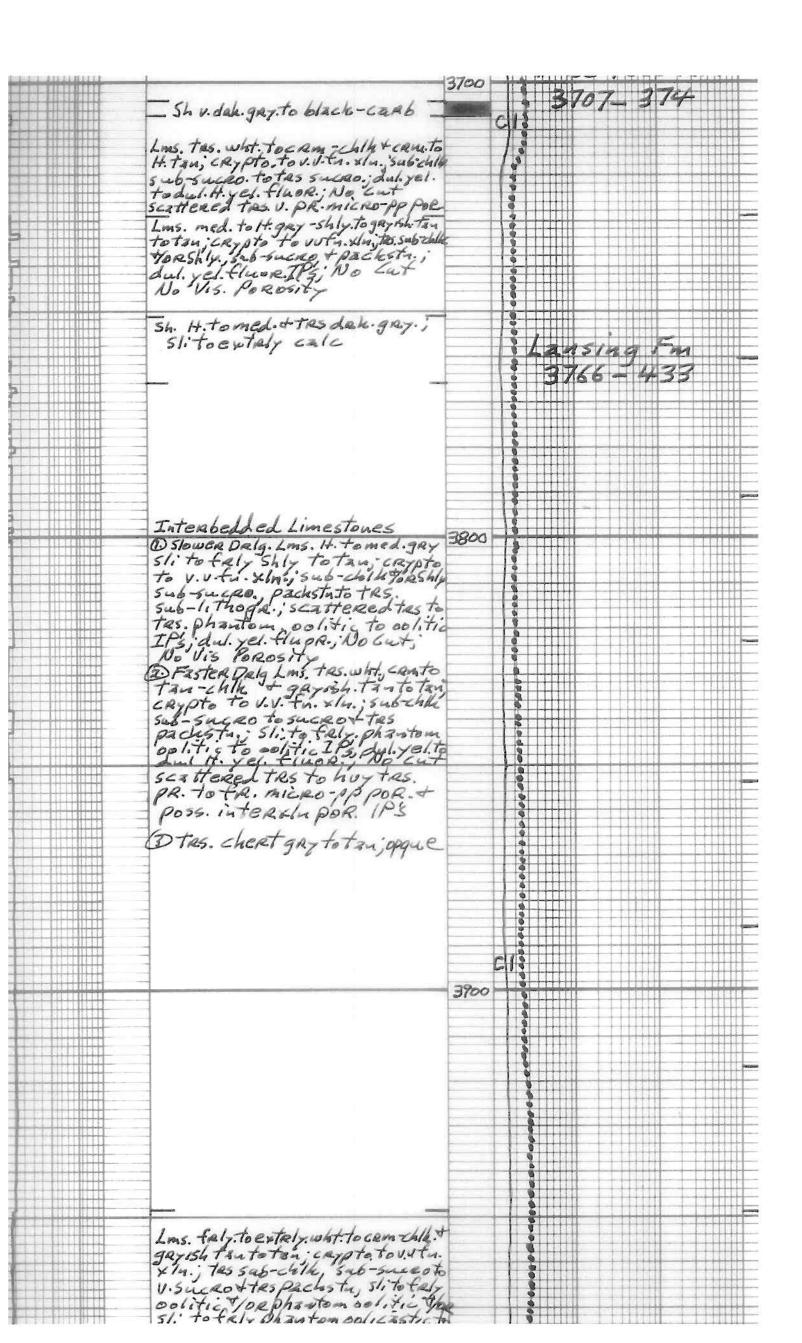
.

leave location thanks

Hase Hechnen 3707 Hansing 4365 Magnaton 4365 Pt. Scatt Mographic 4542 St. Genevieue St. Lawis TD APT*15-187-21332	CONTRACTOR Beredic Dry, Rig #1atw/sx. COMM. 8-11-2016 COMPatw/sx. RTDLTDLTDatw/sx. No. of DST'SNo. of CORESNo. of CORES	COMPANY BEREXCOLLC LEASE RA LOCATION 1800'FSL & 1780'FWL SEC. 6 TWP 295 COUNTY Stanton, STATE Kansas FIELD ARROYO NORTHERS! FIELD ARROYO NORTHERS! COMPANY BEREXCOLLC NO.2-6 DF 3331 GL 3321 MEASUREMENTS ARE SASING RECORD ARROYO NORTHERS! SASING RECORD ARROYO NORTHERS! FIELD ARROYO NORTHERS!
EMARKS Farth-Tech had as		n trailer on this
well from 3500 feet to to	TAL GEFTA.	
		10
		10 × 10 × 10
	1.	rul J. Shr
	Th	in st
	Ge	101
THOLOGY	OHROMATOGRAP!	-/ CI = NETHANE
SANDSTONE SUTSTONE LIMESTONE TIT DOLOMITE SHULE CHERT TO ANHY 8 GYP	HOT WIRE BY	C2 = ETHINE C3 = PROPANE C4 = SOBUTANE C5 = BUTANE C6 = ISOFENIAN C7 = FENTANE

I DOLOMITE HOT WIRE BY LIMESTONE CORNITE WASH TOTAL GAS VOLLINE SHALE AANHY & GYP A A CHERT DRILL TIME GAS SCALE SAMPLE DESCRIPTION SCALE Interbedded Limestones

DFaster Drig. Lms. trs. toestrip
Zbn. wht. to crm. chik +1+. tanto
tan, gryish. IPS; crypto to v.v.fn.
Kin.; trs. sub-chik, sub-sucro
to v. sucro.; trs. to zbn. phanton
colites Yor trs. to zbn colites IIS,
dul. H. yel. fluor.; No Cut, abn. pr.
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micro-pp por + prob. interviu.
Pr. Por. Dower Dalg Lms. tanisht. gay, gayish. tan to tan; cayoto to victor. xlm.; tas. sub-child, sub-succept packetin; dul. yel-fluor. No Vis Porosity 3700 Sh v. dah. gay. to black-carb Lms. tes. what tocken -chile + crusto H. tau; crypto to v. V-to. xlm. subschile sub-sucro. totas sucro.; duli yel. todul. H. yel. fluor.; No Cut-scattered tos v. pr. micro-pp for Ims. med. to 1t. gry-shly. to grysh tan totan; crypto to vuta. Ha; tessaballe Yorshly, sab-sucre + packeta; dul. yel. fluor. TPS; No Cut No Vis. Porosity



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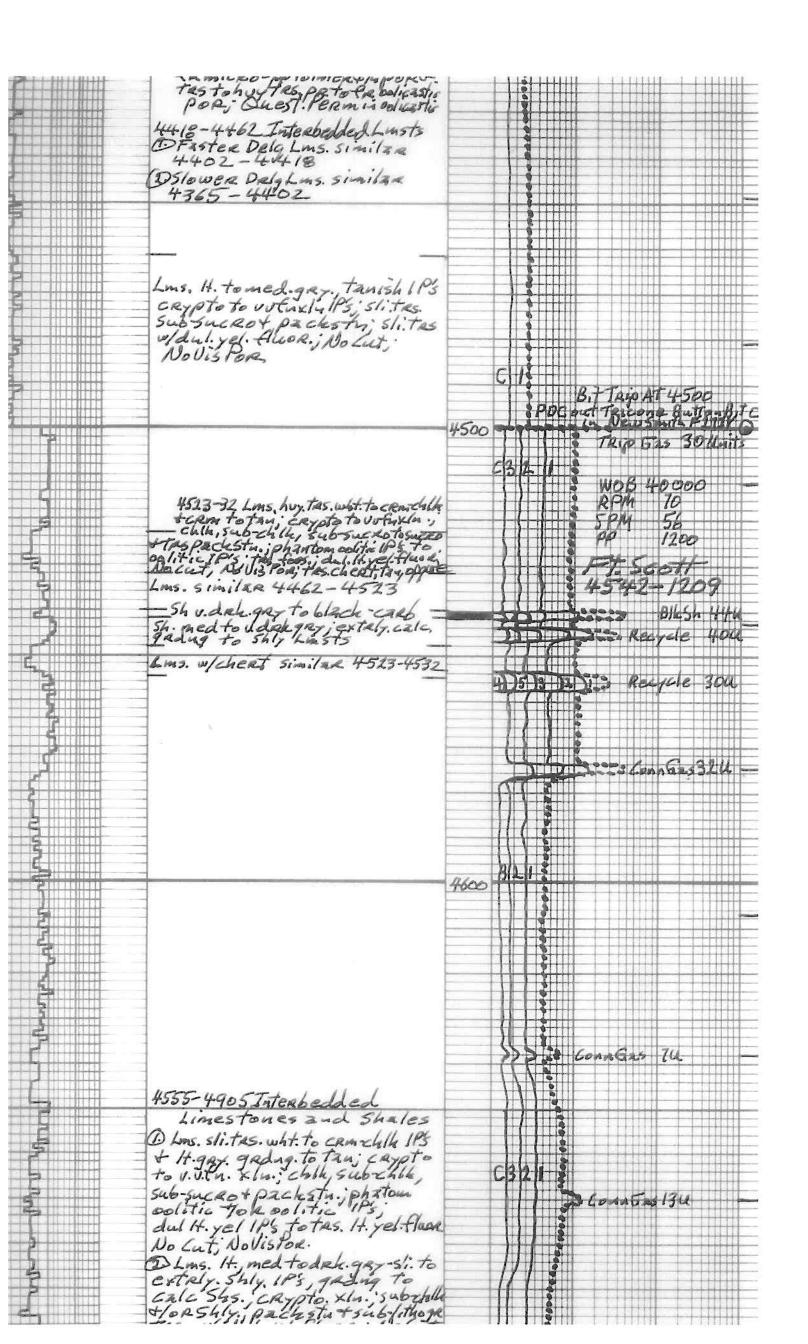
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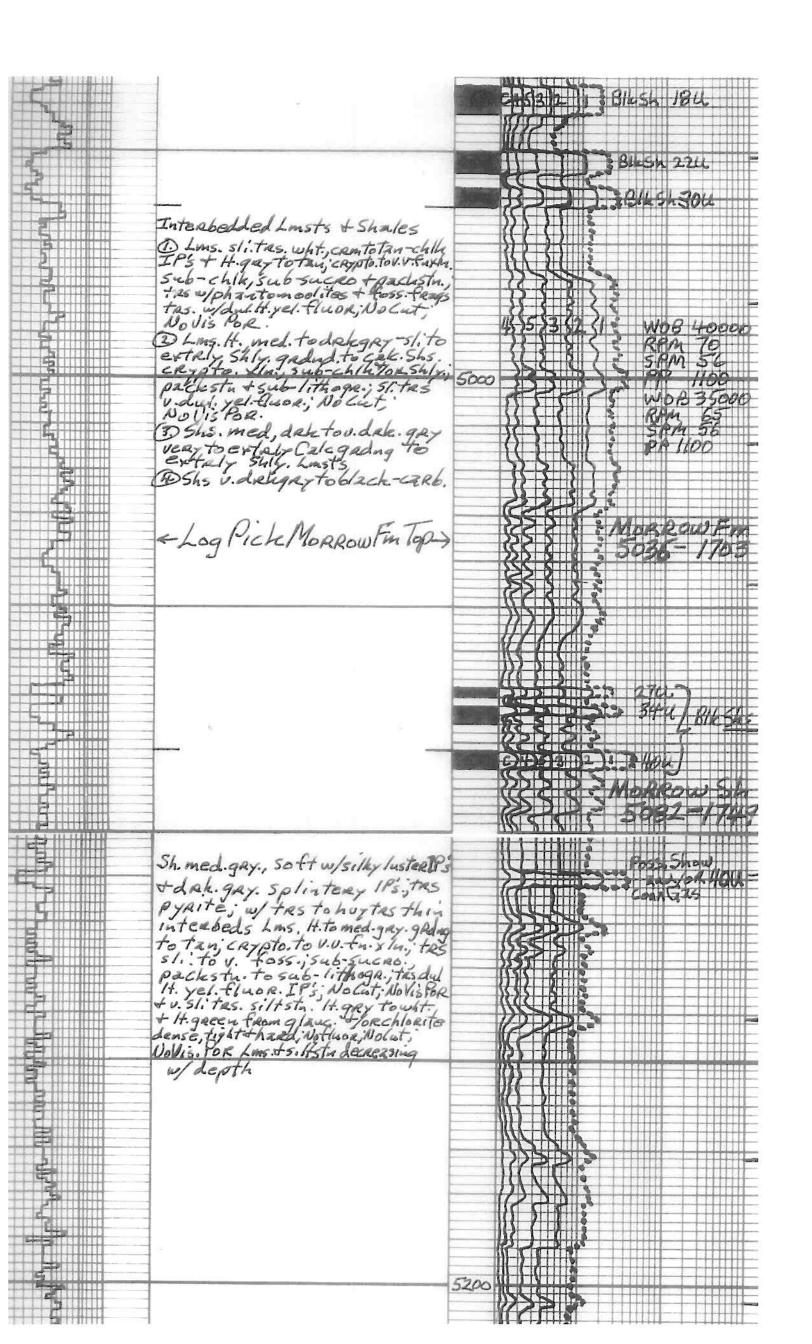
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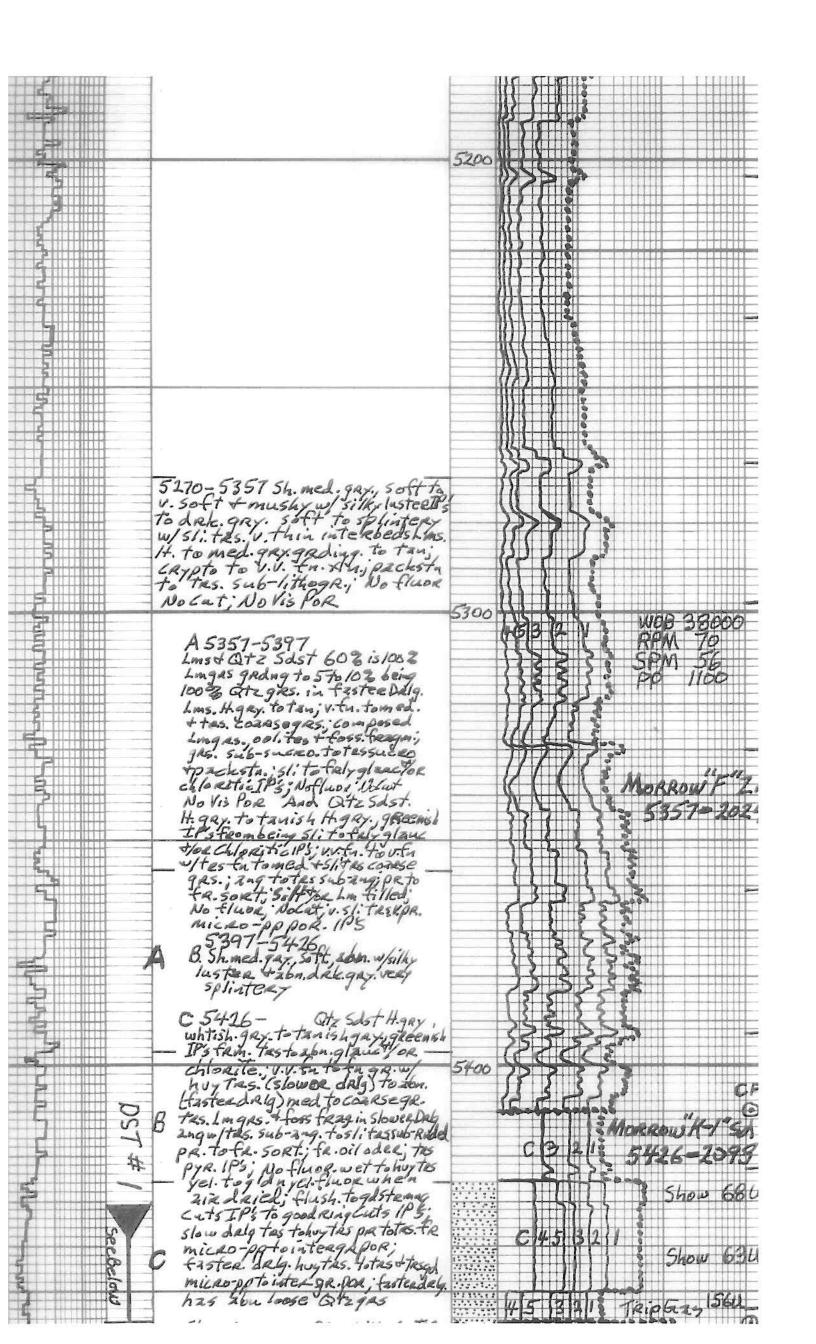
420a Lms. H. med. to tas dalagry to v. dale. gry. - Sli to very Shly w/tas tanish gry, gryish tan to sli trestan; crypto to tres V. V. fr. xln.; sub-chlh yor Shly, slitas, sub-sucro + packetin.; V. Slitas, dul. yes fluor. 18's No Cut; No Vis Torosity Sh. H. med dak tov. dakgax extrly. calcopadny toshly. Lms. Maena fan 4365-1032 Lms. TRS. wht. to cam-child t H. gay, CRM to tan; Caypto. to V.V. tn. xIn.; Sub-chilb, sub-sucres to tas sacro, packeth and tas. sub-litting Rijdul. yel todul. H. yel. fluor. Ips; No Cut; No Vis Por Lms. esta. abn. who to cam-child + A.Tan
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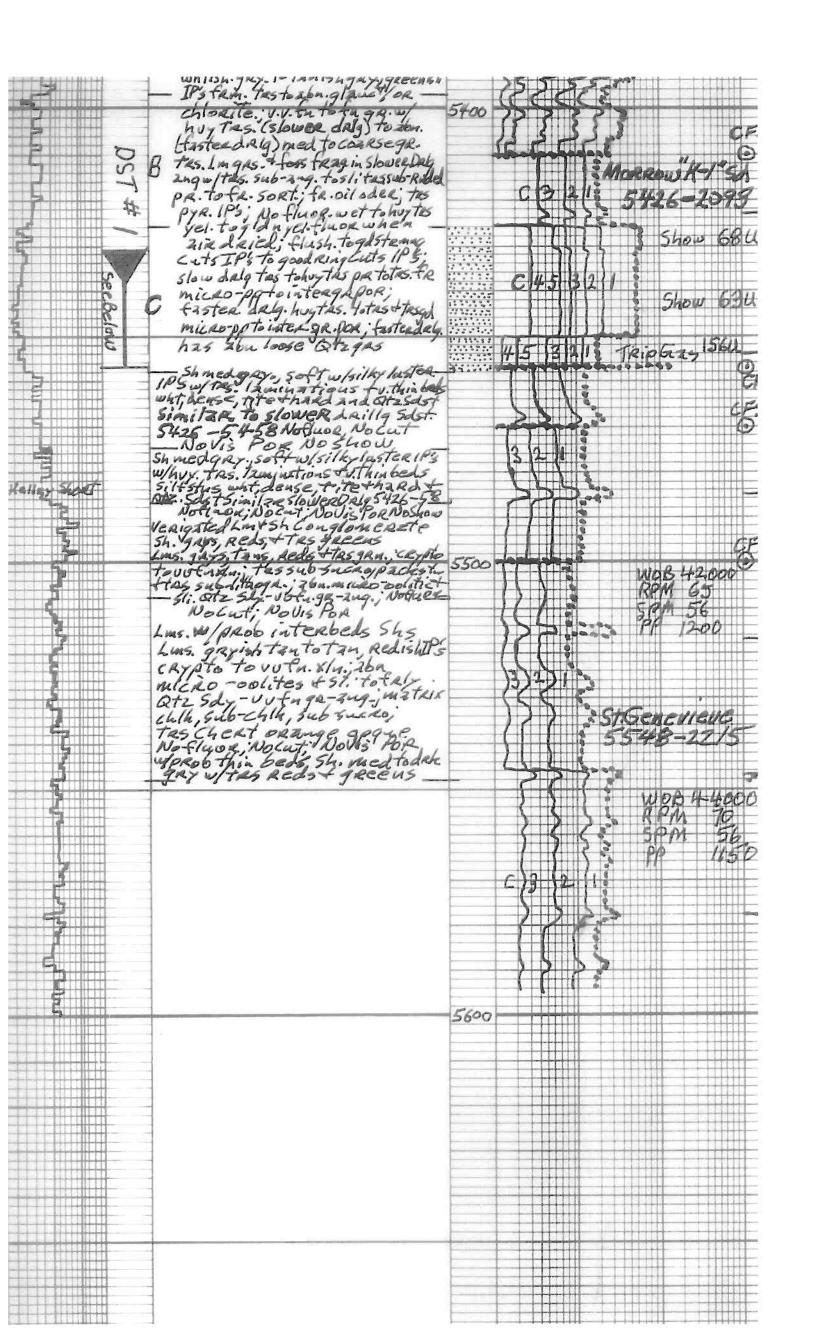


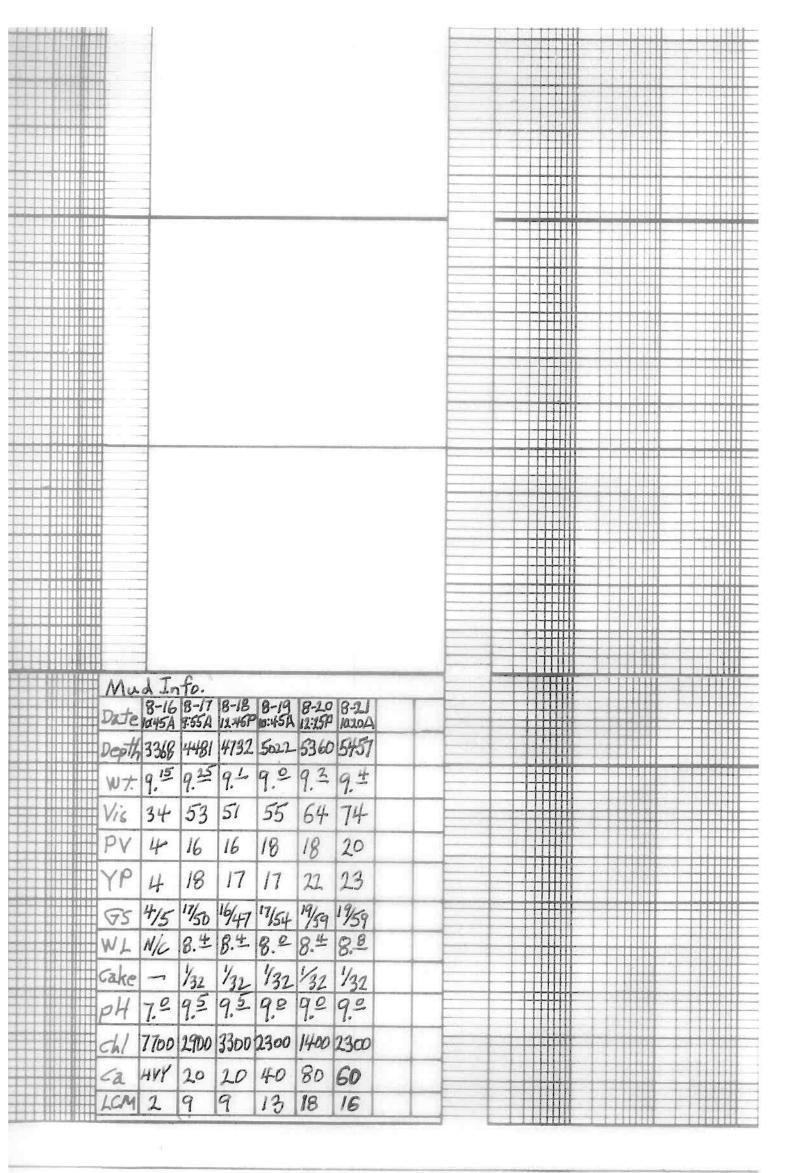
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t tas black; v. to extely. calc. IP's
gading to extely Shly Linsts Counties BU Secondas 124 4860 3) 3) 1) = Conn G16 184 4.900 Interbedded Limestones and Shales Similar 4535-4905 with 26n. interbeds Shs. v. drk. gry to black carb. CASSILL BILSK 184 BILSH 224









DERATOR BEREXCOLLC

LEASE RA

NO. 2-6

SEC. SEC. 6

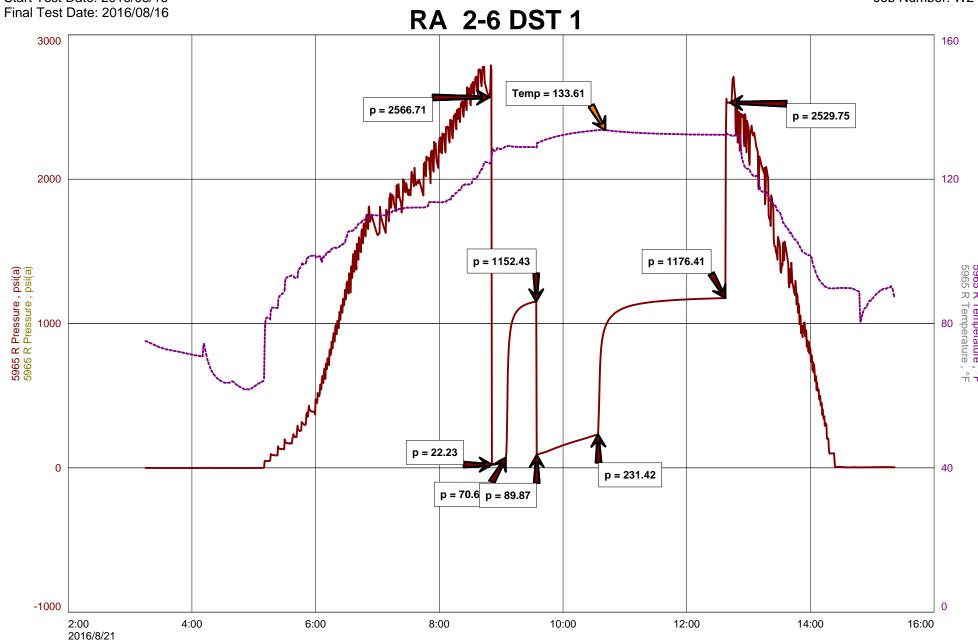
TWP. 295

AND. 40W

ELEVATION 3333KB RTD

COUNTY STATE KANSAS

Job Number: W240



5965 R Time



Diamond Testing General Report

Wilbur Steinbeck TESTER CELL: 620-282-1573

General Information

Company Name Berexco LLC

Contact **Ed Grieves Job Number** W240 RA 2-6 DST 1 Representative Wilbur Steinbeck **Well Name** DST 1 Marrow K-1 5431-5457 Well Operator Unique Well ID **Beredco LLC Surface Location** 6-29s-40w Stanton/Ks Report Date 2016/08/16 Wildcat Prepared By Wilbur Steinbeck Field Qualified By **Kent Matson**

Test Information

Test Type Conventional Formation Morrow K-1 Well Fluid Type 01 Oil Test Purpose (AEUB) Initial Test

 Start Test Date
 2016/08/16 Start Test Time
 03:15:00

 Final Test Date
 2016/08/16 Final Test Time
 15:22:00

Test Recovery

Recovery

180' OWCM 10%O 15%W 75%M 380' MCW 10%M 90%W 560' Total Fluid

Tool Sample=N/A Filled with cuttings

RW=82



DIAMOND TESTING P.O. Box 157 OISINGTON, KANSAS 6754

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: RA 2-6 DST 1

TIME ON: 3:15
TIME OFF: 15:22

FILE: RAZ-G	00011
Company_Berexco LLC	_Lease & Well No. RA 2-6
Contractor Beredco Rig 2	Charge to_Berexco LLC
Elevation 3321 GL Formation Marrow K	-1 Effective PayFt. Ticket NoW240
Date 8-21-16 Sec. 6 Twp. 29 S R	tange 40 W County Stanton State KANSAS
Test Approved By Ed Grieves	Diamond Representative Wilbur Steinbeck
	431 ft. to 5457 ft. Total Depth 5457 ft.
Packer Depth 5426 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.
Packer Depth 5431 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 5417 ft.	Recorder Number5965_Cap5000_P.S.I.
Bottom Recorder Depth (Outside)5432_ft.	Recorder Number5587_Cap5,000_ P.S.I.
Below Straddle Recorder Depthft.	Recorder NumberCapP.S.I.
Mud Type Chem Viscosity 64	Drill Collar Length 615 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.0 cc	. Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 1400 P.P.M.	Drill Pipe Length 4783 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number 7	Test Tool Length 33 ft. Tool Size 3 1/2-IF in
Did Well Flow? Yes Reversed Out No	Anchor Length 26 ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in.	Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open:Built to 8"	No Return
^{2nd Open:} BOB in 18 min	Built to 6"
Recovered 180 ft. of OWCM 10%O 15%W 75%M	
Recovered 380 ft. of MCW 10%M 90%W	
Recovered 560 ft. of Total Fluid	Ruined Shale Packer
Recovered ft. of	
Recovered ft. of	210 Miles RT Price Job
Recovered ft. of	Other Charges
Remarks: Tool Sample=N/A Filled with cuttings	Insurance
Shale Packer used	
RW=82,000	Total
Time Set Packer(s) 8:50 A.M. P.M. Time Started Off Be	ottom12:35
Initial Hydrostatic Pressure	(A) 2567 P.S.I.
Initial Flow Period	(B)
Initial Closed In Period	(D) 1152 P.S.I.
Final Flow Period	(E) 90 P.S.I. to (F) 231 P.S.I.
Final Closed In PeriodMinutes120	
Final Hydrostatic Pressure.	
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the	ne one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.