

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1257581
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- 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: _____

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 #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

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:

Operator Name: _____

Lease Name: _____ License #: _____

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 III Approved by: _____ Date: _____

1257581

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 064173

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Caldwell KS
5-3-15

DATE <u>5-4-15</u>	SEC <u>33</u>	TWP <u>27</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>4:00 p.m.</u>	JOB START <u>2:30am</u>	JOB FINISH <u>3:50 am</u>
LEASE <u>Alexand</u>		WELL # <u>2-33</u>	LOCATION <u>Carden City S to Rd 50</u>		COUNTY <u>Haskell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>W to Rd CC, S to Rd 70, 3/4 E, N into</u>				

CONTRACTOR <u>Berexco 1</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	TD. <u>1795'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>1788'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42'</u>
CEMENT LEFT IN CSG. <u>42'</u>	
PERFS.	
DISPLACEMENT <u>111.22 bbl H2O</u>	
EQUIPMENT	

PUMP TRUCK # <u>431</u>	CEMENTER <u>Paul Beaver</u>
	HELPER <u>Brandon Wilkinson</u>
BULK TRUCK # <u>890/241</u>	DRIVER <u>Rene Wentz</u>
BULK TRUCK # <u>891/287</u>	DRIVER <u>Wayne Mcghighy</u>

CEMENT		
AMOUNT ORDERED	<u>655 sks Lite Type 1</u>	
	<u>Class A, 3% CC, 1/4" Flo-Seal, 1.50 sks</u>	
	<u>Com, 3% CC</u>	
COMMON	<u>150 sks @ 17.90</u>	<u>2685.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	<u>2133# @ 1.10</u>	<u>2346.30</u>
ASC	@	
Class A Lite	<u>655/35/6 655 sks @ 19.88</u>	<u>13021.40</u>
Flo-Seal	<u>164# @ 2.97</u>	<u>487.08</u>
	@	
	<u>Material Total</u>	<u>18539.78</u>
	@	
	<u>(8342.90/45%)</u>	
	@	
	@	
HANDLING	<u>915.13 sq ft @ 2.48</u>	<u>2269.52</u>
MILEAGE	<u>1152.61 mi/mi @ 2.95</u>	<u>3168.02</u>
	TOTAL	

REMARKS:

Run Pipe / Float equip / Drop ball,
pump through insert @ 400' #, mix 655
sks lite, tail out 150 sks Com, Release
plug. Displace w/ water plug did
level @ 1000', Lift 1800' cement
did circ 10 bbl to pit

CHARGE TO: Berexco LLC
STREET _____
CITY _____ STATE _____ ZIP _____

BID

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 _____
SIGNATURE J. Armondo S.

SERVICE		
DEPTH OF JOB	<u>1795'</u>	
PUMP TRUCK CHARGE	<u>2213.75</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>MINV</u>	<u>30 @ 7.70</u>	<u>231.00</u>
MANIFOLD	@	
<u>MINV</u>	<u>30 @ 4.40</u>	<u>132.00</u>
<u>Wait Time</u>	<u>8 hrs @ 440.00</u>	<u>3520.00</u>
	<u>(5190.43/45%)</u>	<u>TOTAL 11,539.29</u>

PLUG & FLOAT EQUIPMENT		
<u>8 5/8 Weatherford</u>		
<u>Guide Shoe</u>	@	<u>460.00</u>
<u>NEW Float valve</u>	@	<u>447.00</u>
<u>Centralizers</u>	<u>3 @ 75.00</u>	<u>225.00</u>
<u>100 Rubber Plug</u>	@	<u>131.00</u>
	@	
	<u>(568.00/45%)</u>	<u>TOTAL 1263.00</u>

SALES TAX (If Any) _____
TOTAL CHARGES 31,337.07
DISCOUNT 19,101.68 (45%) IF PAID IN 30 DAYS
17,235.38 Net.

Date 5-5-15 District Dalhart Ticket No. 64173
 Company Berwick Rig Berwick 1
 Lease Alexander O Well No. 2-33
 County Haskell State KS
 Location 3-3-27-34 Field

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 24 Collar

Casing Depths: Top KB Bottom 1788'

Drill Pipe: Size 12 1/4 Weight 179.5 Collars
 Open Hole: Size 12 1/4 T.D. 1795' ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl.
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl.
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl.
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl.
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 6.5/35
6.5 gal 3 1/2 cc 1/4" Flo-sol Excess _____
 Amt. 6.55 Skys Yield 1.90 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type Com 3 1/2 cc
 Excess _____
 Amt. 1.50 Skys Yield 1.36 ft³/sk Density 14.5 PPG

WATER: Lead 10.9 gals/sk Tail 6.5 gals/sk Total _____ Bbls.

Pump Trucks Used 4.31 - Brandon
 Bulk Equip. 891/1277 - Wayne
890/241 - Lohne

Float Equip: Manufacturer Weatherford
 Shoe: Type Guide Shoe Depth 1788'
 Float: Type AFV Float Valve Depth 1796'
 Centralizers: Quantity 3 Plugs Top Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water Amt. 111 Bbls. Weight _____ PPG
 Mud Type 40 vis Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Paul B

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Hold Safety meeting
						Run pipe / Float equip
	290		170	170	4	Drop ball pumped through @ 400#
	290		23	193	4	Mix 6.55 gals/sk @ 12.5#
	100		5	198	4	Tail wt 150 gals com @ 14.5#
	100		20	218	6	stop cement / release plug
	100		20	238	6	wash up pump + lines
	100		20	258	6	Displace out water
	200		20	278	6	
	300		10	288	6	
	500		10	298	6	
	800		6	304	4	
						plug did land @ 1000#
						lift 800
						Float did hold
						cement did cure
						Hold Safety meeting
						Thank You!

ALLIED OIL & GAS SERVICES, LLC 064734

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oakley

DATE <u>5-14-15</u>	SEC: <u>33</u>	TWP. <u>27S</u>	RANGE <u>39W</u>	CALLED OUT	ON LOCATION <u>11:00 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Alexander</u>	WELL # <u>2-33</u>	LOCATION <u>Garden city s70 rd 50</u>	COUNTY <u>Haskell</u>	STATE <u>Ks</u>			
OLD OR <u>NEW</u> (Circle one)	WTD RD 00 25 1/4 W NINTO						

CONTRACTOR <u>Berexco 1</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production (2 stage)</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>5570'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>5303'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>OV</u>	DEPTH <u>3218'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>44'</u>
CEMENT LEFT IN CSG. <u>44'</u>	
PERFS. <u>Bottom</u>	<u>TOP</u>
DISPLACEMENT <u>126.64</u>	<u>74.65</u>

EQUIPMENT	
PUMP TRUCK # <u>431</u>	CEMENTER <u>Andrew Forstlund</u>
	HELPER <u>Wayne McElroy</u>
BULK TRUCK # <u>890</u>	DRIVER <u>Ben (Rus)</u>
BULK TRUCK # <u>891</u>	DRIVER <u>Lorene Writz</u>

CEMENT	
AMOUNT ORDERED <u>490 sbs Lite 1/4" Flo-seal</u>	
<u>250 sbs ASC 1 1/2" Gilsonite 5/8" Fluid Loss</u>	
<u>+25 Deframer</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC <u>250 sbs</u>	@ <u>23.50</u> <u>5875.00</u>
<u>Lite 490 sbs</u>	@ <u>19.88</u> <u>9741.20</u>
<u>Gilsonite 1500#</u>	@ <u>1.98</u> <u>1470.00</u>
<u>Flo-seal 123#</u>	@ <u>2.97</u> <u>365.31</u>
<u>Fluid Loss 118#</u>	@ <u>18.25</u> <u>2153.50</u>
<u>Deframer 63#</u>	@ <u>3.50</u> <u>220.50</u>
HANDLING <u>875 cu/ft</u>	@ <u>2.48</u> <u>2170.00</u>
MILEAGE <u>2.25 ton/mile 36.9 ton</u>	@ <u>3044.25</u>
<u>Material Total</u>	<u>TOTAL 19,825.51</u>
<u>(8921.48/45%)</u>	SERVICE

REMARKS:

mix 190 sbs Lite followed by 200 sbs ASC down 5/8 casing, wash pump and line clean. Release plug and displace, 1200' lift 1800# Land Plug. Float held, open DV tool. 800# Plug mouse hole 20 sbs rat hole 30 sbs mix 300 sbs followed by 50 sbs ASC down 5/8 casing, wash pump and line clean. Release plug, displace 1000# lift 1800# Land Plug, tool closed. Cement did circulate, Thank you

CHARGE TO: <u>Berexco</u>
STREET
CITY STATE ZIP

DEPTH OF JOB <u>5503'</u>	
PUMP TRUCK CHARGE <u>3099.25</u>	<u>240.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>30 miles</u>	@ <u>7.70</u> <u>231.00</u>
MANIFOLD <u>head</u>	@ <u>225.00</u> <u>N/C</u>
<u>Light vehicle</u>	@ <u>4.40</u> <u>132.00</u>
<u>waiting time 4 hrs</u>	@ <u>440.00</u> <u>1760.00</u>
<u>\$1,779.23/45%</u>	TOTAL <u>12,842.75</u>

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.

PLUG & FLOAT EQUIPMENT	
<u>5/8</u>	
<u>1 Affu float shoe</u>	@ <u>545.00</u>
<u>1 Latch down plug Assy</u>	@ <u>60.00</u>
<u>1 DV TOOL</u>	@ <u>5335.00</u>
<u>3 Baskets</u>	@ <u>395.00</u> <u>1185.00</u>
<u>14 centrifugalizers</u>	@ <u>57.00</u> <u>798.00</u>
<u>(3,835.35/45%)</u>	TOTAL <u>7,523.00</u>

PRINTED NAME _____
SIGNATURE Jay [Signature]

SALES TAX (If Any)	
TOTAL CHARGES <u>41,191.26</u>	
DISCOUNT <u>18,536.06 (45%)</u>	IF PAID IN 30 DAYS
<u>(Bid) 22,655.19 Net</u>	



CEMENTING LOG

STAGE NO. 1

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type Lite 1/4 flooseal
 Excess _____

Amt. 140 Skys Yield 1.97 ft³/sk Density 12.42 PPG

TAIL: Pump Time _____ hrs. Type ASC 1 3/4 Gilsomite
 Excess _____

Amt. 200 Skys Yield 1.58 ft³/sk Density 14.52 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 431
 Bulk Equip. 890
891

Float Equip: Manufacturer Weatherford
 Shoe: Type API Float Shoe Depth 5503
 Float: Type Latch down Depth 5459
 Centralizers: Quantity 14 Plugs Top _____ Btm. _____
 Stage Collars DV
 Special Equip. 3 Baskets
 Disp. Fluid Type Water mud Amt. 126.04 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

Date 5-14-15 District Oakley Ticket No. 064734
 Company Berexco Rig Berexco 1
 Lease Alexander O Well No. 2-23
 County Haskell State KS
 Location 33 22 34 Field _____
Garden city S TO Rd 52 W TORRADO 25 1/2 mi W

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type New Weight 157 Collar _____

Casing Depths: Top 1503 Bottom 5503

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 2 7/8 T.D. 5570 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 10232 Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____ CEMENTER Andrew

TIME (AM/PM)	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
<u>11:30</u>						<u>Start mixing Lite</u> <u>Lite in start ASC</u> <u>ASC in stop pump</u> <u>wash pump and line clean</u> <u>Release Plug</u> <u>Start Displacement with water</u>
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		<u>Water in</u> <u>start mud</u>
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>1200</u>			<u>10</u>		<u>plug large &</u> <u>float hole</u> <u>open DV</u>
	<u>1800</u>					
	<u>800</u>					



CEMENTING LOG

STAGE NO. 2

Date 5-14-15 District Oakley Ticket No. 064734
 Company Berecdo Rig Berecdo 1
 Lease Alexander 0 Well No. 2-37
 County Washtenaw State K5
 Location 33 27 34 Field _____
Gardencity 57050 W7000 25 1/2 mi N10

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type Lite 4/Flt Seal
 Excess _____
 Amt. 300 Sks Yield 1197 ft³/sk Density 12.42 PPG
 TAIL: Pump Time _____ hrs. Type ASC G. #6 Gilsonite
 Excess _____
 Amt. 50 Sks Yield 1158 ft³/sk Density 14.52 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type New Weight 45.17 Collar _____

Pump Trucks Used 431
 Bulk Equip. 890
891
 Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

Casing Depths: Top KB Bottom 5503

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 5510' ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 10238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____ CEMENTER Andrew

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Plug mouse hole 20 sks Plug rat hole 30 sks Start mixing cement down 5 1/2 Cement mixed Wash pump and line clear Start displacement
				10		
				10		
				10		
				10		
				10		
				10		
	1000			9		Plug landed Tool closed Cement Displacement
1:00	1800					

MUD LOG

WellSight Systems

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

Well Name: Alexander "O" #2-33
UWI: 15081221040000
Location: 33-T27S-R34W

License Number:
Spud Date: 5/3/2015

Surface Coordinates:

Region:
Drilling Completed:

Bottom Hole

Coordinates:

Ground Elevation (ft): 3067

K.B. Elevation (ft): 3079

Logged Interval (ft): 5000

Total Depth (ft): 5510

Formation:

Type of Drilling Fluid:

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

OPERATOR

Company: Berexco LLC
Address: 2601 NW Expressway, Ste 1100E OKC, OK

GEOLOGIST

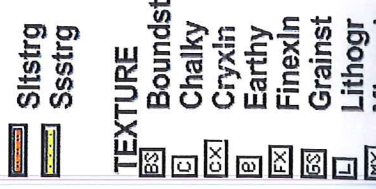
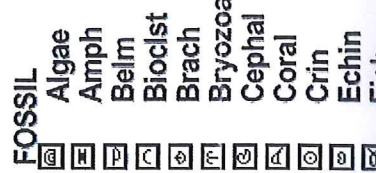
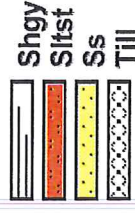
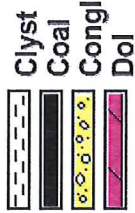
Name: Wade Condict
Company: Berexco LLC
Address:

Cores

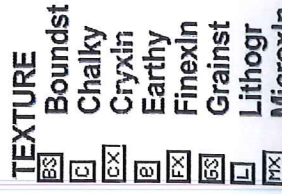
DSTs

Comments

ROCK TYPES



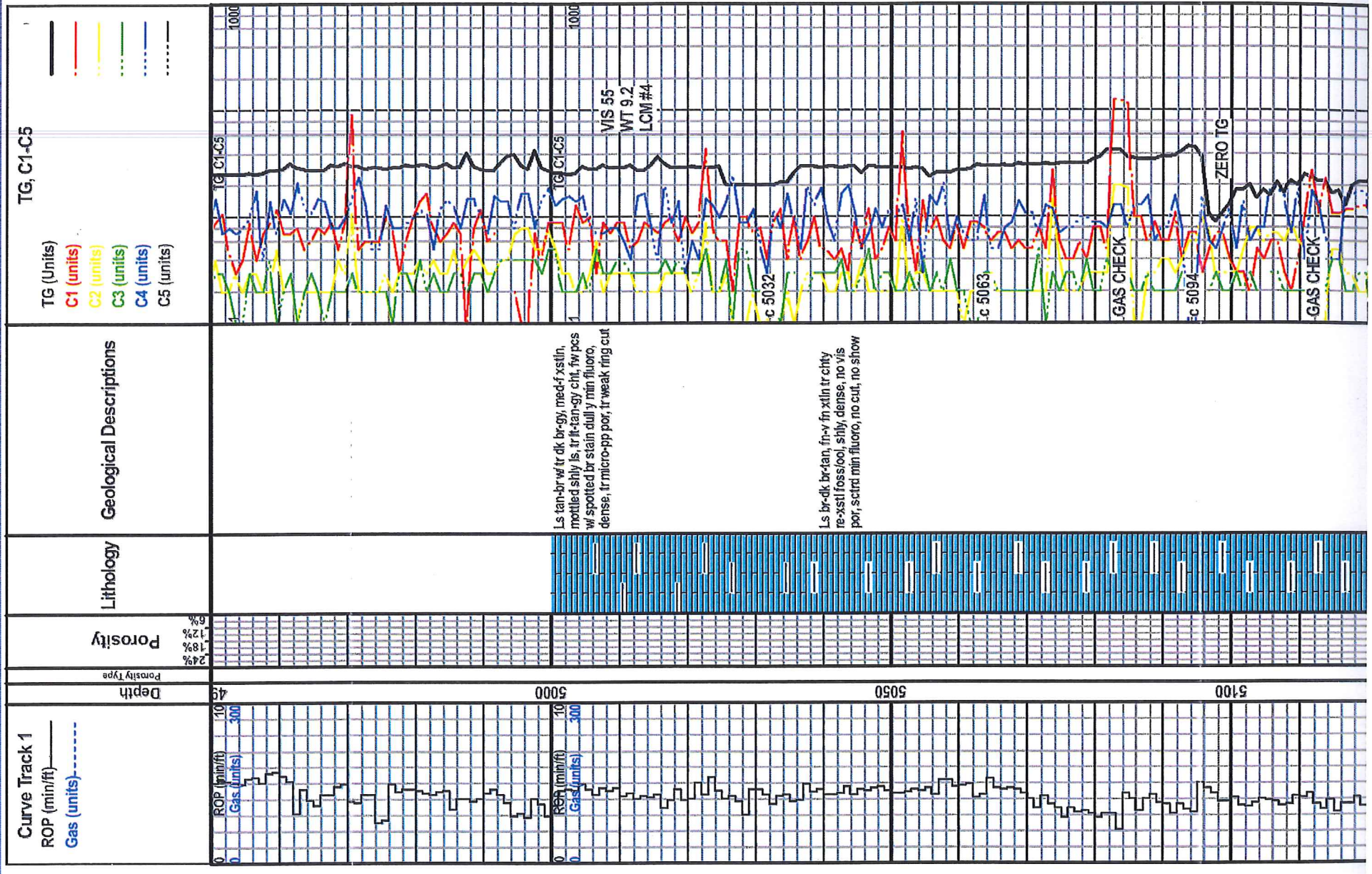
ACCESSORIES

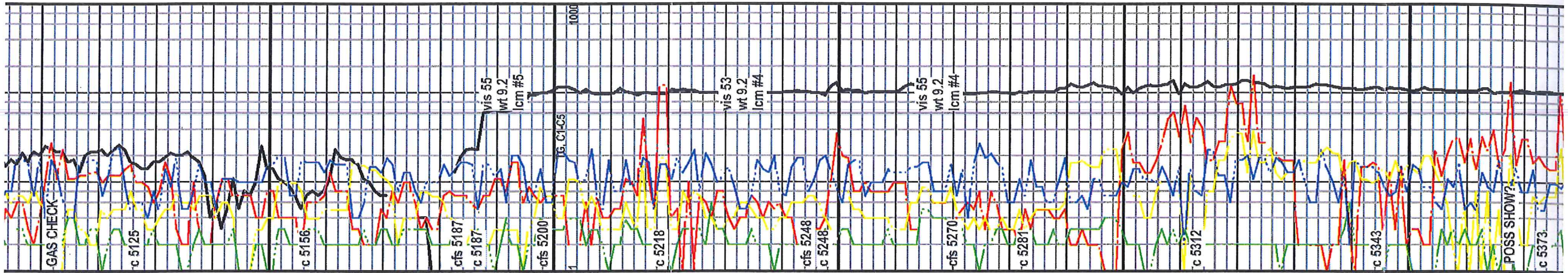


- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- STRINGER**
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

- POROSITY**
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy
- SORTING**
- Well
- Moderate
- Poor
- ROUNDING**
- Rounded
- Subrnd
- Subang
- Angular
- OIL SHOW**
- Even
- Spotted**
- Ques
- Dead
- INTERVAL**
- Core
- Dst
- EVENT**
- Rft
- Sidewall





Morrow
5136 (-2057)

Red Zone
5184 (-2105)

Ls tn-br-dk br, mttld dk br, fr-vf w/ tr med xstn, abnd foss, loose foss, abnd poor-fr intrxstn por, prob yug por, fr-gd w/ tr ex strm cut, no odor

Blue Zone
5204 (-2125)

Ls, lt-tn to br w/ spid dk br to blk, intbd, shly strks, mstly dead oil stn, abnd foss frag, minor chlk, vf-xstn w/ tr med, bright y-grm fluoro, fr-pr intrxstn por w/ tr ex vug, int odor, tr gd strm cut

Yellow Zone
5226 (-2147)

AA

Green Zone
5245 (-2166)

Ss gy-dk gy, qtz, spid brwn oil stn, clay fill ip, calc cement, abnd pyrite, sub-ang, fr sort, tr pr-fr intrgrm por, ?ble perm, sectd gold fluoro, int odor, good-strm cut, abnd loose gms

Purple Zone
5271 (-2192)

Ls dk gy, vry-xtry oolitic, silty/sily matrix, tr poor intrgrm mtr, few pcs w/ dull y fluoro, no cut, no show

Brown Zone
5292 (-2213)

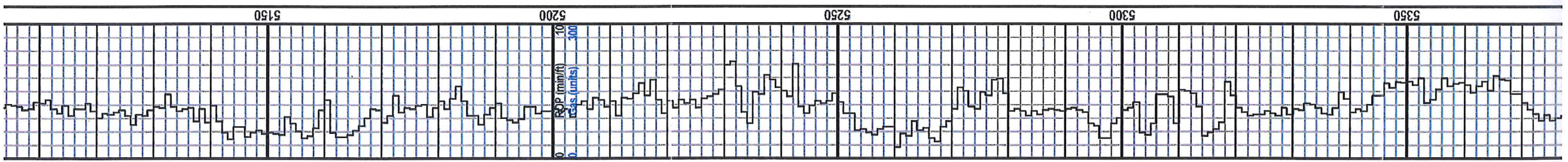
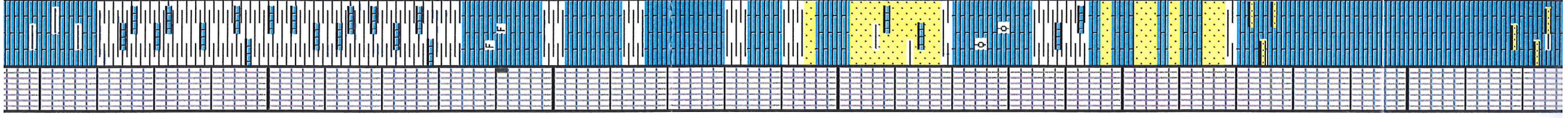
Ss vf-fr gr, clay fill ip, calc cement, brwn from spotted to even oil stn, fair intrgrm por w/ tr gd, y-grm fluoro, exci strm to flush cut, ssfo, xtmy friable

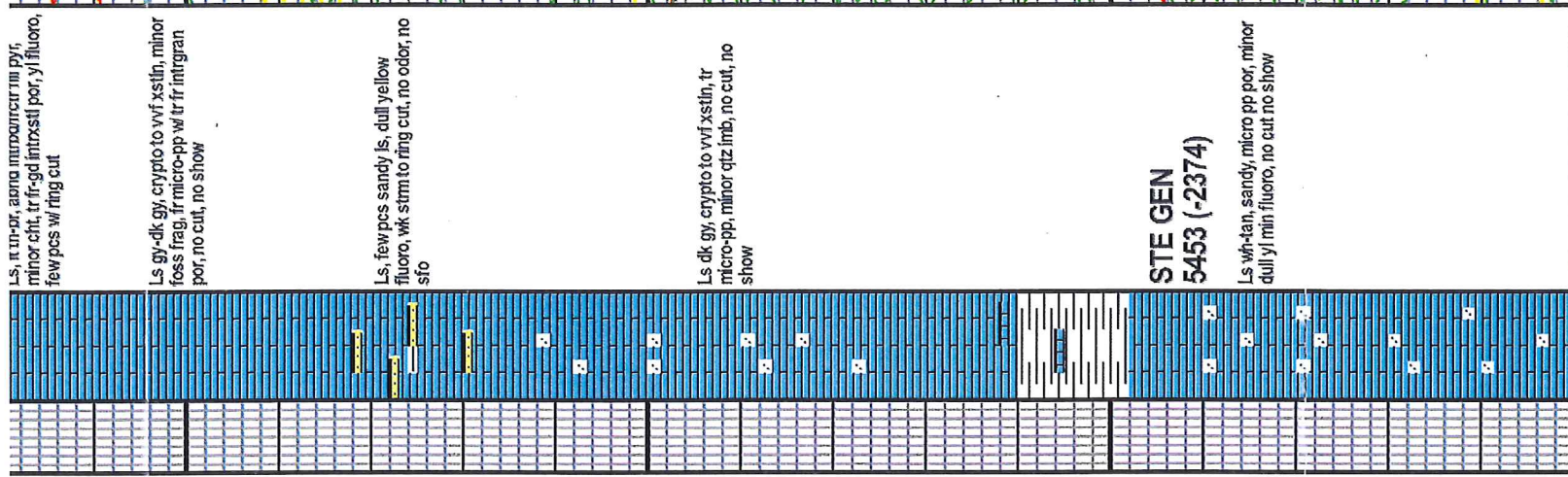
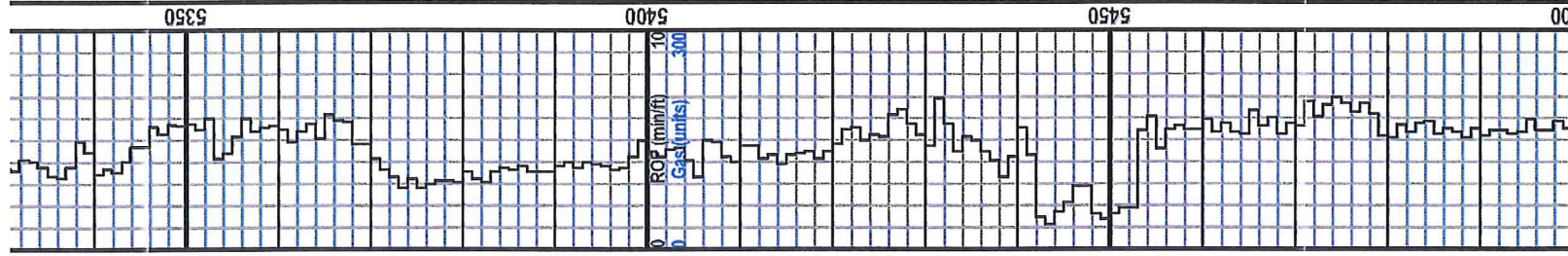
Chester
(-2241)

Ls, lt tn-br, abnd introfrctr fill pyr, minor chlk, tr fr-gd intrxstl por, y fluoro, few pcs w/ ring cut

Ls gy-dk gy, crypto to vvf xstn, minor foss frag, fr micro-pp w/ tr intrgrm por, no cut, no show

Ls, few pcs sandy ls, dull yellow fluoro, wk strm to ring cut, no odor, no sfo





Ls, it tr-or, azona nurooccur in pyf, minor chit, tr fr-gd intrxstl por, y fluoro, few pcs w ring cut

Ls gy-dk gy, crypto to vvf xstln, minor foss frag, fr micro-pp w tr fr intgran por, no cut, no show

POSS SHOW?

Ls, few pcs sandy ls, dull yellow fluoro, wk strm to ring cut, no odor, no sfo

Ls dk gy, crypto to vvf xstln, tr micro-pp, minor qtz imb, no cut, no show

STE GEN 5453 (-2374)

Ls, wh-lan, sandy, micro pp por, minor dull y min fluoro, no cut no show

