



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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				

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Sanchez Oil & Gas Corporation
Well Name	Miller 8-1H
Doc ID	1125026

Tops

Name	Top	Datum
Tarkio	3542	MD
Topeka	3741	MD
Heebner	4127	MD
Stark	4524	MD
Marmaton	4739	MD
Pawnee	4849	MD
Cherokee	4908	MD
Mississippian	5187	MD
St Louis	5356	MD

ALLIED OIL & GAS SERVICES, LLC KB 052465

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal

DATE <u>9/17/12</u>	SEC. <u>85</u>	TWP. <u>26</u>	RANGE <u>29</u>	CALLED OUT	ON LOCATION	JOB START <u>0925</u>	JOB FINISH <u>1150</u>
LEASE <u>Miller</u> WELL # <u>18-14</u> LOCATION <u>Ingalls KS</u>						COUNTY <u>Craig</u>	STATE <u>KS.</u>
OLD OR NEW (Circle one)							

CONTRACTOR Keenai 55
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1510
 CASING SIZE 9 5/8 DEPTH 1510
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 MINIMUM
 MEAS. LINE SHOE JOINT 41'
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 117

OWNER
 CEMENT AMOUNT ORDERED
400 SKS 605/95/60
200 SKS Class A
 COMMON 460 SKS A @ 17.90 8234.00
 POZMIX 140 SKS POZ @ 9.35 1309.00
 GEL 24 SKS @ 23.40 561.60
 CHLORIDE @
 ASC @
150 lb Fingele @ 2.97 445.50
10 SKS C.C @ 10.40 104.00
 @
 @
 @
 @
 @
 @
 HANDLING 609.9 SKS @ 2.48 1601.35
 MILEAGE Drayage 1431.50 @ 2.40 3721.90
 TOTAL 16957.35

EQUIPMENT

630 #484 PUMP TRUCK CEMENTER Stephen Hanca
 HELPER Lenny B
 479 #467 BULK TRUCK DRIVER Ed. C. Tins
 542 #554 BULK TRUCK DRIVER Vicente Torres

REMARKS:

SERVICE

DEPTH OF JOB 1510 2275.13
 PUMP TRUCK CHARGE 2213.75
 EXTRA FOOTAGE @
 MILEAGE @
 MANIFOLD 1 @ 275.00 275.00
Heavy Vehicle 50 @ 7.70 385.00
Light Vehicle 50 @ 4.40 220.00

TOTAL 5368.88

CHARGE TO: Sanchez Oil & Gas.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

AFU Float Shoe 1 @ 888.03 888.03
AFU Float Valve 1 @ 534.69 534.69
Centralizer 60 @ 87.75 526.5
9 5/8 Plug 1 @ 184.86 184.86
 @

TOTAL 2134.08

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.

SALES TAX (If Any) _____
 TOTAL CHARGES 24,460.31
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Johnnie Whinery
 SIGNATURE Johnnie Whinery

NET = \$ 19,568.25



CEMENTING LOG

STAGE NO.

Date 9/17/12 District Litoral Ticket No. 52465
 Company Sanchez Rig Kuna: 55
 Lease Miller Well No. #8-1H
 County Gray State Ks
 Location _____ Field _____

CEMENT DATA:
 Spacer Type: H₂O 30 BBL
 Amt. _____ Sks Yield _____ ft³/sk Density 9.33 PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 9 5/8 Type 555 Weight _____ Collar 8rd

LEAD: Pump Time _____ hrs. Type 603/35/10 A
 Excess 100%
 Amt. 400 Sks Yield 1.97 ft³/sk Density 12.4 PPG

Casing Depths: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type Class A
 Excess 100%
 Amt. 200 Sks Yield 1.18 ft³/sk Density 15.6 PPG
 WATER: Lead 10.90 gals/sk Tail 5.2 gals/sk Total 128 Bbls.

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used 484
 Bulk Equip. 467 + 554

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 0.773 Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. 0.628 Lin. ft./Bbl. _____
 Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

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

COMPANY REPRESENTATIVE _____

CEMENTER _____

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
0925						Test lined 1500
0930	100		30		5	Pump 30 BBL H ₂ O spacer
0942	200		137		5	Pump 137 BBL Lead @ 12.4 ppg
1021	200		42		5	Pump 42 BBL Tail @ 15.6 ppg
1040						* Drop Plug
1040	100-500				6-53	Displace Plug Calculated 117 BBL
1105	1100		116		3	Bump Plug
						70 BBL CMT TO SURF
						Lead A-65/35/6 2% CC .25# Flocel TAIL A- Class A 3% CC .25# Flocel

FINAL DISP. PRESS: 500 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 1/2 BBLs. THANK YOU

ALLIED OIL & GAS SERVICES, LLC KB 052671

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal

DATE <u>10/14/12</u>	SEC <u>8</u>	TWP. <u>26S</u>	RANGE <u>29W</u>	CALLED OUT	ON LOCATION	JOB START <u>13:30</u>	JOB FINISH <u>17:00</u>
LEASE <u>Miller</u>		WELL # <u>8-1H</u>	LOCATION <u>Ingalls Kansas</u>		COUNTY <u>Gray</u>	STATE <u>Kansas</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Kenai 55
 TYPE OF JOB Production Liner
 HOLE SIZE 6 1/8 T.D.
 CASING SIZE 4 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4" DEPTH
 TOOL DEPTH
 PRES. MAX 5,000 MINIMUM
 MEAS. LINE SHOE JOINT 95'
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 122

OWNER
 CEMENT
 AMOUNT ORDERED 50/50 poz H, 2% gel, 5% Salt, 3 lb/sk Kol-Seal, 1% C-31, 6% FL-160. 50 SKS Allied light weight cement
 COMMON @
 POZMIX 240 @ 9.35/ \$2,244.00
 GEL 8 SKS @ 23.47 \$187.20
 CHLORIDE @
 ASC @
 Class H 240 @ 21.27 \$5,088.00
 FL-160 242 lbs @ 18.97 \$4,573.80
 SASI 40 lbs @ 17.55 \$702.00
 Salt 13 SKS @ 26.37 \$342.81
 Gilsonite 1,440 lbs @ .98 \$1,411.20
 Stoploss Spacer 20 bbls @ 350.00 \$7,000.00
 ALCAA 50 SKS @ 15.95 \$797.50
 HANDLING 547 @ 2.48 \$1,356.56
 MILEAGE Drayage 1103.24 @ 2.67 \$2,968.43
 TOTAL \$26,571.24

EQUIPMENT

PUMP TRUCK CEMENTER Tim C
#549-550 HELPER Lenny B, Ruben C
 BULK TRUCK
#562-554 DRIVER Vicente T
 BULK TRUCK
#456-251 DRIVER Ricardo E

REMARKS:

Thank You

CHARGE TO: Sanchez
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Reamer Float Shoe 1 @ 10,950.00 \$10,950.00
Float Collar 1 @ 886.86 \$886.86
 @ _____
 @ _____
 @ _____
 TOTAL \$11,836.86

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 Johnnie Whinery
 SIGNATURE Johnnie Whinery

SALES TAX (If Any) _____
 TOTAL CHARGES \$52,958.30
 DISCOUNT 25% IF PAID IN 30 DAYS
 \$39,718.73

Date 10/14/12 District Liberal Ticket No. 52671
 Company Sanchez Rig Kenai 55
 Lease Miller Well No. 8-14
 County _____ State Kansas
 Location _____ Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 4 1/2 Type _____ Weight 11.6 Collar _____

Casing Depths: Top 4698 Bottom 9741

Drill Pipe: Size 4" Weight _____ Collars _____
 Open Hole: Size 6 1/8 T.D. 9772 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: Stop Loss Spacer
 Amt. _____ Sks Yield _____ ft³/sk Density 9 PPG

LEAD: Pump Time _____ hrs. Type 50/50
 Excess _____

Amt. 480 Sks Yield 1.4 ft³/sk Density 13.8 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER: Lead 6.4 gals/sk Tail _____ gals/sk Total 73 Bbls.

Pump Trucks Used 549-550, 530-484

Bulk Equip. 562-554, 456-251

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbbls. Weight _____ PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Johnny

CEMENTER Tim C

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
9:00						Arrive on location, Rig T.I.H w/DP
9:08						Spot & Rig up Equipment
11:00						Rig Tripping in Hole w/DP
13:20						Safety Meeting
13:30		5,000				Test Lines @ 5,000 PSI
13:33		2,800		113	3.5	Pump Ball Down! Seat ball.
14:38		150		20	3	Stop Loss Spacer @ 9 PPG
14:48		100		120	3	Cement @ 13.8 PPG
16:00						wash p&L
16:12						
16:13						Drop Top Plug
16:13		100		122	3.4	Displacement 2% KCL, No lift Pressure
16:50		1,500			2	Bump Plug
17:00				150	4	Reverse Out, 36 BBLs to get flow, Spacer
						Return to surface. NO Cement
18:00						Rig down, Rig floor Start wait to cement Rat hole and mouse hole
2:45						Cement Rat hole and mouse hole
3:10						Wash pumps & Lines
3:20						Rig down Equipment
3:45						Leave Location

ALLIED OIL & GAS SERVICES, LLC KB 052473

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal

DATE <u>9/28/12</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>0400 9/27/12</u>	JOB START <u>2100</u>	JOB FINISH <u>2200</u>
LEASE <u>Miller</u>	WELL # <u>#8-11A</u>		LOCATION <u>Copeland</u>		COUNTY <u>Gray</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Kena: 55
 TYPE OF JOB Intermediate
 HOLE SIZE 8 3/4 T.D. 4867
 CASING SIZE 7 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 3000 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 36'
 PERFS.
 DISPLACEMENT 185

OWNER
 CEMENT
 AMOUNT ORDERED
~~200~~ 150 Sts Allied Light
~~150~~ 200 Sts A 2% Gel, 3% SALT, 16% FL-100, 15% Mate
 COMMON 200 Sts A @ 197.10 3580.00
 POZMIX @
 GEL 8 Sts @ 23.40 187.20
 CHLORIDE @
 ASC @
 Allied Lt. Taper 150 Sts @ 16.50 2475.00
 Frac Seal 38 lb @ 2.97 112.86
 FL-100 19 lb @ 18.90 360.90
 Sodium Meta. 28 lb @ 3.30 92.40
 Salt 3 Sts @ 26.35 79.05
~~1~~ @
 Silscrite 1450 lb @ 0.98 1421.00
 HANDLING 382 Ft @ 2.48 947.36
 MILEAGE Drayage 239 @ 2.60 2121.40
 TOTAL 12,312.81

EQUIPMENT

PUMP TRUCK CEMENTER Stephen Hanza
 # 531-541 HELPER Ruben Chavez
 BULK TRUCK
 # 470-528 DRIVER Angel Tapia
 BULK TRUCK
 # DRIVER Visente Torres

REMARKS:

On location for 42 hrs only charged 12 hrs

Lost circulation on Csg gain in @ 4400

SERVICE

DEPTH OF JOB 4000-5000'
 PUMP TRUCK CHARGE 2765.75
 EXTRA FOOTAGE @
 MILEAGE Heavy 50 @ 7.70 385.00
 MANIFOLD @
 Light Vehicle 50 @ 4.40 220.00
 Additional Hrs 12 @ 440.00 5280.00

TOTAL 8650.75

CHARGE TO: Sanchez
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Top Rubber Plug 7" 1 @ 99.45 99.45
 Centralizer 1.5 @ 65.52 98.28
 Float Collar 1 @ 886.86 886.86
 Floor Shoe 1 @ 712.53 712.53
 @

TOTAL 2081.64

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.

SALES TAX (If Any) _____

TOTAL CHARGES 23,650.20

PRINTED NAME Johnnie Whiney

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Johnnie Whiney

Net = 17,757.65



CEMENTING LOG

STAGE NO. _____

Date 9-28-12 District Liberal Ticket No. 52473
 Company Sanchez Rig _____
 Lease Miller 88-1H Well No. _____
 County Geary State KS
 Location _____ Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7" Type 355 Weight 24 Collar 8ool

Casing Depths: Top _____ Bottom 4816.7

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbbls/Lin. ft. 0.382 Lin. ft./Bbl. _____
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbls/Lin. ft. 0.2108 Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENT DATA:
 Spacer Type: H2O
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type Class A 60S/251
6%ogel .6% FL-160 .25#Florel Excess _____
 Amt. 150 Skys Yield 1.80 ^{2# Gisonite} ft³/sk Density 12.80 PPG _____

TAIL: Pump Time _____ hrs. Type Class A
2%ogel 3% salt .6% FL-160 .15#Florel Excess _____
 Amt. 200 Skys Yield 1.43 ^{5# Gisonite} ft³/sk Density 14.60 PPG _____

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

Pump Trucks Used 54K - Arapet Topin
 Bulk Equip. 470-528 - Vicente

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 _____

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9/27/12 0400						Arrive on location
9/28/12 1815						Test Lined Pump Lead CMT Pump Tail CMT
1825	1200		44		4	
1840	1300		46		4	
1900	1700					Displace Bump Plug
1950	2300		185		7.72	

FINAL DISP. PRESS: 1700 PSI BUMP PLUG TO 2300 PSI BLEEDBACK 2 BBLs. THANK YOU

Job Number: HL12249
Company: Schez
Lease/Well: Miller #8 1H
Location:
Rig Name: Kenai 55
RKB:
G.L. or M.S.L.:

State/Country: KS
Declination:
Grid:
File name: C:\WINSERVE\12249.SVY
Date/Time: 10-Oct-12 / 12:46
Curve Name: Miller #8-1H

Archer Directional Drilling

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 180.92
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>C L O S U R E</i>		<i>Dogleg Severity Deg/100</i>
							<i>Distance FT</i>	<i>Direction Deg</i>	
1504.00	1.59	336.42	1503.75	17.90	8.00	-18.03	19.61	24.08	.00
1549.00	1.50	346.30	1548.73	19.04	7.61	-19.16	20.51	21.78	.62
1644.00	.70	325.50	1643.72	20.73	6.99	-20.84	21.88	18.63	.93
1739.00	.70	328.70	1738.71	21.70	6.36	-21.80	22.62	16.33	.04
1833.00	.30	327.40	1832.70	22.40	5.93	-22.50	23.17	14.82	.43
1928.00	.30	328.20	1927.70	22.82	5.66	-22.91	23.52	13.93	.00
2022.00	.10	345.20	2021.70	23.11	5.51	-23.20	23.76	13.41	.22
2117.00	.20	41.70	2116.70	23.32	5.60	-23.40	23.98	13.51	.18
2211.00	.10	303.80	2210.70	23.48	5.64	-23.57	24.15	13.51	.25
2306.00	.00	263.20	2305.70	23.53	5.57	-23.62	24.18	13.32	.11
2401.00	.00	256.60	2400.70	23.53	5.57	-23.62	24.18	13.32	.00
2496.00	.00	247.30	2495.70	23.53	5.57	-23.62	24.18	13.32	.00
2591.00	.20	312.10	2590.70	23.64	5.45	-23.73	24.26	12.98	.21
2685.00	.20	339.70	2684.70	23.91	5.27	-23.99	24.48	12.43	.10
2781.00	.20	323.20	2780.70	24.20	5.11	-24.28	24.73	11.93	.06
2875.00	.10	335.90	2874.70	24.40	4.98	-24.48	24.91	11.53	.11
2970.00	.10	128.30	2969.70	24.43	5.01	-24.50	24.94	11.59	.20
3065.00	.10	144.40	3064.70	24.31	5.12	-24.39	24.84	11.90	.03
3160.00	.20	150.70	3159.70	24.10	5.25	-24.18	24.66	12.30	.11
3263.00	.10	123.20	3262.70	23.89	5.42	-23.97	24.50	12.78	.12
3357.00	.30	180.80	3356.70	23.60	5.48	-23.68	24.23	13.08	.28
3452.00	.60	160.50	3451.70	22.88	5.64	-22.97	23.57	13.86	.35
3548.00	.50	170.60	3547.69	21.99	5.88	-22.09	22.77	14.97	.14
3642.00	.50	176.60	3641.69	21.18	5.97	-21.27	22.01	15.75	.06
3737.00	.60	169.70	3736.68	20.28	6.09	-20.37	21.17	16.71	.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth				C L O S U R E		Dogleg Severity Deg/100
				N-S FT	E-W FT	Vertical Section FT	Distance FT	Direction Deg	
3832.00	.70	175.70	3831.68	19.21	6.22	-19.31	20.19	17.94	.13
3926.00	.70	170.70	3925.67	18.07	6.35	-18.17	19.15	19.37	.06
4020.00	3.80	187.70	4019.59	14.42	6.03	-14.51	15.63	22.70	3.34
4052.00	5.80	186.70	4051.47	11.76	5.70	-11.85	13.07	25.86	6.26
4084.00	7.90	184.10	4083.24	7.96	5.35	-8.04	9.59	33.92	6.63
4115.00	9.40	185.20	4113.89	3.31	4.97	-3.39	5.97	56.32	4.87
4147.00	11.10	185.70	4145.38	-2.36	4.43	2.28	5.02	118.01	5.32
4178.00	13.10	185.80	4175.69	-8.82	3.78	8.76	9.59	156.82	6.45
4210.00	15.20	184.40	4206.72	-16.61	3.09	16.56	16.90	169.47	6.65
4241.00	17.40	182.50	4236.47	-25.30	2.57	25.25	25.43	174.19	7.30
4272.00	19.80	180.60	4265.85	-35.18	2.32	35.14	35.25	176.23	7.98
4304.00	22.20	180.00	4295.72	-46.64	2.26	46.60	46.70	177.23	7.53
4335.00	24.40	180.00	4324.19	-58.91	2.26	58.86	58.95	177.80	7.10
4367.00	26.50	179.80	4353.08	-72.66	2.29	72.61	72.69	178.20	6.57
4396.00	28.30	179.70	4378.83	-86.00	2.34	85.95	86.03	178.44	6.21
4431.00	30.40	180.10	4409.33	-103.16	2.37	103.10	103.18	178.68	6.03
4460.00	32.30	181.50	4434.10	-118.24	2.16	118.19	118.26	178.96	7.02
4492.00	34.30	182.30	4460.84	-135.80	1.57	135.75	135.81	179.34	6.40
4523.00	36.80	182.30	4486.06	-153.81	.85	153.77	153.81	179.68	8.06
4555.00	38.80	181.70	4511.35	-173.41	.17	173.38	173.41	179.95	6.35
4586.00	40.60	182.60	4535.20	-193.19	-.58	193.18	193.19	180.17	6.10
4618.00	42.10	182.30	4559.22	-214.31	-1.48	214.31	214.32	180.40	4.73
4649.00	43.60	182.80	4581.95	-235.37	-2.42	235.38	235.39	180.59	4.96
4681.00	45.30	183.60	4604.79	-257.75	-3.68	257.77	257.77	180.82	5.59
4712.00	46.50	183.70	4626.36	-279.96	-5.09	280.01	280.01	181.04	3.88
4744.00	46.70	184.00	4648.35	-303.16	-6.65	303.23	303.23	181.26	.92
4775.00	47.00	184.10	4669.55	-325.72	-8.25	325.81	325.83	181.45	1.00
4807.00	47.40	184.20	4691.29	-349.14	-9.95	349.25	349.28	181.63	1.27
4838.00	47.90	183.80	4712.18	-371.99	-11.55	372.13	372.17	181.78	1.87
4870.00	48.40	184.00	4733.53	-395.77	-13.17	395.93	395.99	181.91	1.63
4901.00	49.80	184.00	4753.82	-419.15	-14.80	419.33	419.41	182.02	4.52
4933.00	51.90	183.20	4774.02	-443.91	-16.36	444.12	444.21	182.11	6.84
4964.00	54.10	182.70	4792.68	-468.64	-17.63	468.86	468.97	182.15	7.21
4995.00	56.10	182.10	4810.41	-494.04	-18.70	494.27	494.39	182.17	6.64
5027.00	57.70	182.00	4827.89	-520.83	-19.65	521.07	521.20	182.16	5.01
5059.00	58.50	182.50	4844.80	-547.97	-20.72	548.23	548.36	182.17	2.83
5091.00	60.00	182.70	4861.16	-575.44	-21.97	575.72	575.86	182.19	4.72
5123.00	62.90	182.40	4876.45	-603.52	-23.22	603.82	603.97	182.20	9.10
5154.00	65.70	182.20	4889.89	-631.43	-24.34	631.74	631.90	182.21	9.05
5185.00	67.70	181.80	4902.16	-659.88	-25.33	660.20	660.37	182.20	6.56
5217.00	69.50	181.30	4913.83	-689.66	-26.14	690.00	690.16	182.17	5.81
5249.00	71.40	181.10	4924.54	-719.81	-26.77	720.15	720.31	182.13	5.97
5281.00	73.90	180.70	4934.08	-750.35	-27.25	750.69	750.84	182.08	7.90
5312.00	76.60	180.30	4941.97	-780.32	-27.51	780.67	780.81	182.02	8.80
5342.00	79.40	180.10	4948.21	-809.67	-27.61	810.00	810.14	181.95	9.36

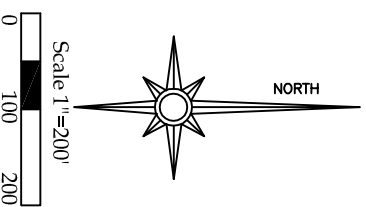
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth			Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				N-S FT	E-W FT		Distance FT	Direction Deg	
5374.00	82.20	179.50	4953.33	-841.25	-27.50	841.58	841.70	181.87	8.94
5414.00	85.90	179.40	4957.47	-881.03	-27.12	881.35	881.44	181.76	9.25
5462.00	90.40	179.40	4959.02	-928.99	-26.62	929.29	929.37	181.64	9.37
5555.00	91.50	179.10	4957.48	-1021.96	-25.40	1022.24	1022.28	181.42	1.23
5649.00	89.90	178.70	4956.33	-1115.94	-23.59	1116.17	1116.19	181.21	1.75
5736.00	91.10	178.00	4955.57	-1202.89	-21.09	1203.08	1203.08	181.00	1.60
5830.00	92.30	179.50	4952.78	-1296.83	-19.04	1296.97	1296.97	180.84	2.04
5924.00	89.30	180.10	4951.47	-1390.81	-18.71	1390.93	1390.93	180.77	3.25
6016.00	87.30	179.80	4954.20	-1482.76	-18.63	1482.87	1482.88	180.72	2.20
6109.00	89.00	179.80	4957.20	-1575.71	-18.31	1575.80	1575.81	180.67	1.83
6203.00	90.50	179.40	4957.61	-1669.70	-17.65	1669.77	1669.80	180.61	1.65
6296.00	90.70	179.90	4956.64	-1762.69	-17.08	1762.74	1762.78	180.56	.58
6389.00	92.10	179.70	4954.37	-1855.66	-16.76	1855.69	1855.74	180.52	1.52
6482.00	92.10	180.10	4950.96	-1948.60	-16.60	1948.62	1948.67	180.49	.43
6575.00	91.30	180.50	4948.20	-2041.56	-17.08	2041.57	2041.63	180.48	.96
6668.00	91.00	181.20	4946.33	-2134.53	-18.46	2134.55	2134.61	180.50	.82
6761.00	91.50	181.60	4944.30	-2227.48	-20.73	2227.52	2227.57	180.53	.69
6855.00	89.80	181.20	4943.24	-2321.44	-23.03	2321.51	2321.55	180.57	1.86
6948.00	90.20	180.80	4943.24	-2414.43	-24.65	2414.51	2414.55	180.59	.61
7041.00	92.40	181.10	4941.13	-2507.38	-26.19	2507.48	2507.52	180.60	2.39
7135.00	92.50	181.00	4937.11	-2601.28	-27.91	2601.39	2601.43	180.61	.15
7229.00	91.60	181.50	4933.75	-2695.20	-29.96	2695.33	2695.36	180.64	1.10
7322.00	89.60	181.30	4932.77	-2788.16	-32.24	2788.32	2788.35	180.66	2.16
7415.00	89.10	181.50	4933.83	-2881.13	-34.51	2881.31	2881.33	180.69	.58
7508.00	89.50	181.70	4934.96	-2974.08	-37.10	2974.30	2974.31	180.71	.48
7601.00	91.90	182.10	4933.83	-3067.02	-40.19	3067.27	3067.28	180.75	2.62
7694.00	90.80	182.80	4931.64	-3159.90	-44.16	3160.21	3160.21	180.80	1.40
7787.00	88.20	182.10	4932.45	-3252.81	-48.14	3253.16	3253.16	180.85	2.90
7882.00	86.60	182.60	4936.76	-3347.63	-52.03	3348.03	3348.03	180.89	1.76
7975.00	87.00	183.00	4941.95	-3440.37	-56.56	3440.84	3440.84	180.94	.61
8068.00	87.90	184.40	4946.09	-3533.08	-62.56	3533.63	3533.64	181.01	1.79
8162.00	87.60	183.80	4949.78	-3626.77	-69.28	3627.41	3627.43	181.09	.71
8256.00	87.60	180.50	4953.71	-3720.61	-72.80	3721.30	3721.32	181.12	3.51
8350.00	88.00	180.10	4957.32	-3814.54	-73.29	3815.22	3815.24	181.10	.60
8444.00	89.80	180.70	4959.13	-3908.51	-73.95	3909.20	3909.21	181.08	2.02
8537.00	89.90	180.80	4959.37	-4001.50	-75.16	4002.19	4002.21	181.08	.15
8631.00	90.00	180.80	4959.45	-4095.49	-76.48	4096.19	4096.21	181.07	.11
8724.00	90.10	180.60	4959.37	-4188.49	-77.61	4189.19	4189.21	181.06	.24
8819.00	90.10	180.10	4959.21	-4283.48	-78.19	4284.19	4284.20	181.05	.53
8912.00	89.80	180.00	4959.29	-4376.48	-78.27	4377.18	4377.18	181.02	.34
9005.00	89.60	180.00	4959.77	-4469.48	-78.27	4470.16	4470.17	181.00	.22
9099.00	89.60	179.90	4960.43	-4563.48	-78.19	4564.15	4564.15	180.98	.11
9192.00	89.70	180.00	4961.00	-4656.48	-78.11	4657.13	4657.13	180.96	.15
9287.00	89.40	179.60	4961.74	-4751.48	-77.78	4752.11	4752.11	180.94	.53
9381.00	89.30	179.80	4962.81	-4845.47	-77.29	4846.08	4846.08	180.91	.24

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
9475.00	89.50	179.60	4963.80	-4939.46	-76.79	4940.06	4940.06	180.89	.30
9568.00	89.90	179.80	4964.28	-5032.46	-76.31	5033.04	5033.04	180.87	.48
9661.00	90.40	179.80	4964.04	-5125.46	-75.98	5126.02	5126.02	180.85	.54
9692.00	90.70	180.10	4963.74	-5156.46	-75.96	5157.01	5157.02	180.84	1.37
PTB									
9772.00	90.70	180.10	4962.76	-5236.45	-76.10	5237.00	5237.00	180.83	.00

A Supplemental Sketch

Miller #8-1H

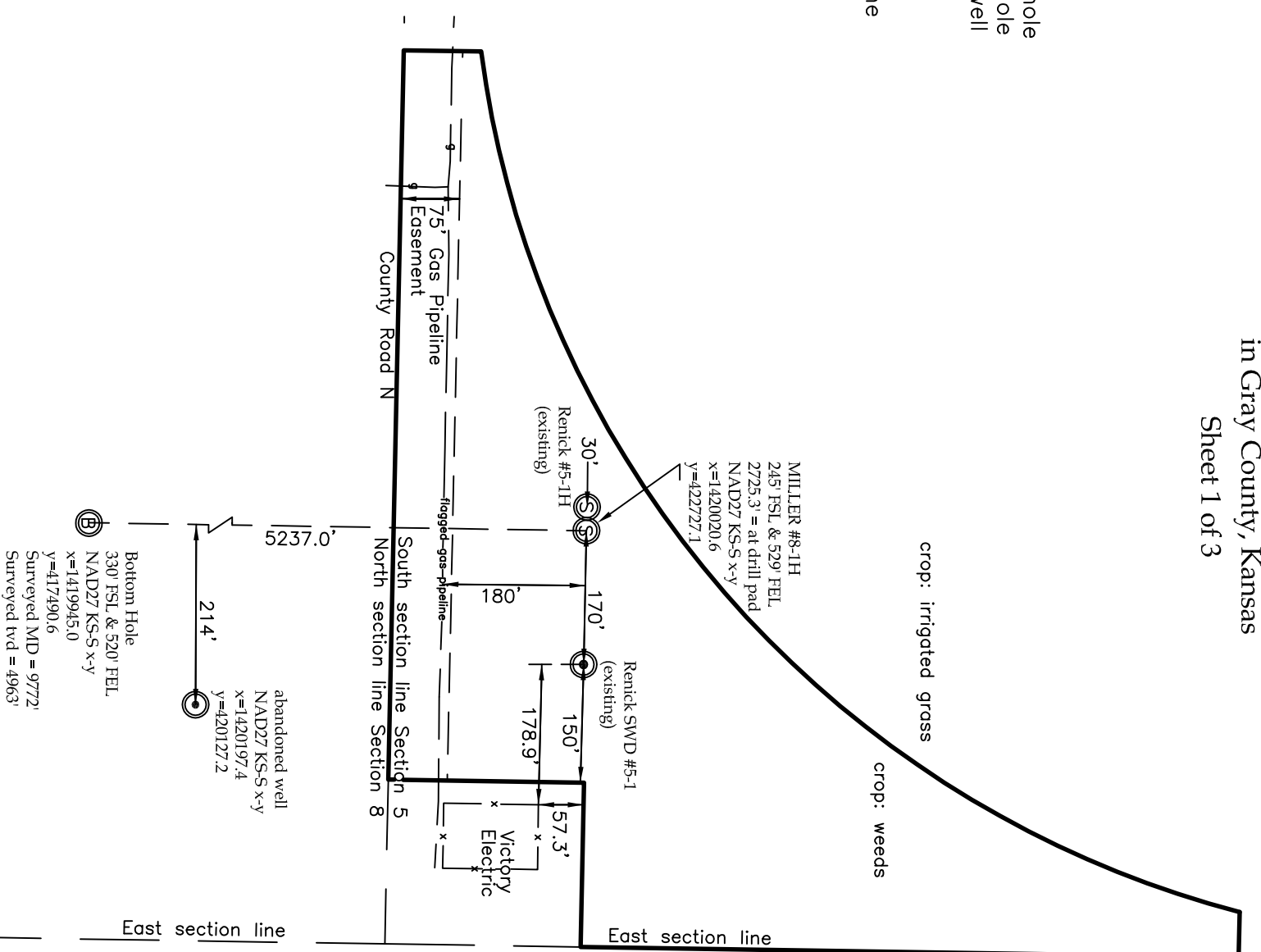
in Gray County, Kansas
 Portions of Sections 5 & 8, T26S, R29W of the 6th P.M.,
 in Gray County, Kansas
 Sheet 1 of 3



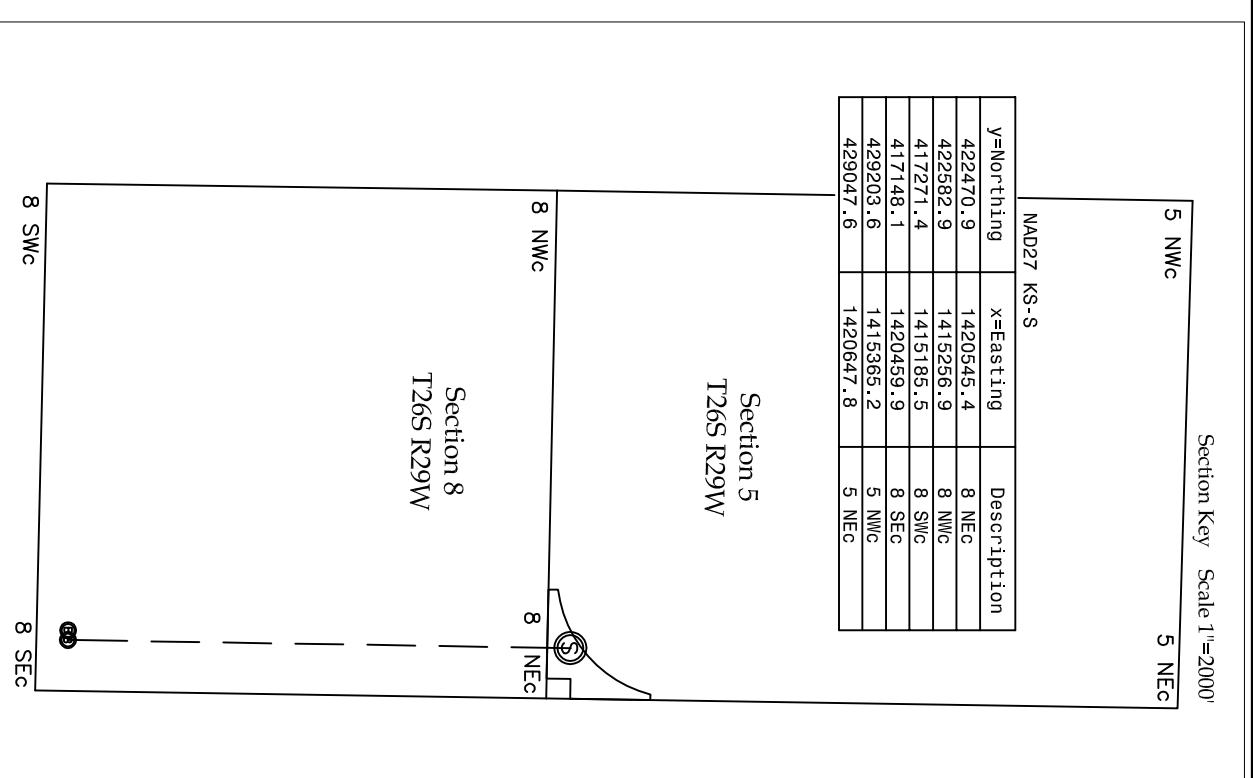
Symbol	Description
NE	northeast
SE	southeast
SW	southwest
⊙	vertical drill site
⊙	horizontal surface hole
⊙	horizontal bottom hole
⊙	saltwater disposal well
SWD	from south line
FSL	from east line
FEL	fence
-x-	underground gas line
-g-	gas line

Legend

- Notes:
- The purpose of this sketch is to show the relationship of the Miller #8-1H top and bottom holes to the lease lines in Sections 5 and 8 of T26S, R29W.
 - Parcel boundary described in a separate map.
 - BASIS OF COORDINATES: Coordinates and elevation are based on the NGS station Ingalls with a published position of 37 51 23.37640(N) 100 29 35.03091(W) and a published height of 2795 which is converted through the use of Corpscon version 6.0.1 (<http://www.tec.army.mil/>) to NAD27 KS-S x-y position of Easting/x= 1424743.0 Northing/y=439371.9.



Section Key Scale 1"=2000'			
y=Northing	x=Easting	Description	
422470.9	1420545.4	8 NEC	5 NWC
422582.9	1415256.9	8 NWC	5 NEC
417271.4	1415185.5	8 SWC	
417148.1	1420459.9	8 SEC	
429203.6	1415365.2	5 NWC	
429047.6	1420647.8	5 NEC	



A Supplemental Sketch Miller #8-1H Sanchez Oil & Gas		Date 8-20-2012 Revisions 1) 1-15-2013
Sec. 5 & 8, T26S, R29W 6th P.M., Gray County, Kansas		
Scale 1"=200' 0826s29w.grusgs.dwg 0826s29w.crd		
PRO-STAKE LLC Construction Site Staking PO Box 2324 Garden City, KS 67846 (620) 272-1499		

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 28, 2013

Ed birdwell
Sanchez Oil & Gas Corporation
1111 BAGBY, STE 1800
HOUSTON, TX 77002

Re: ACO1
API 15-069-20394-01-00
Miller 8-1H
SE/4 Sec.05-26S-29W
Gray County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Ed birdwell

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 28, 2013

Ed birdwell
Sanchez Oil & Gas Corporation
1111 BAGBY, STE 1800
HOUSTON, TX 77002

Re: ACO-1
API 15-069-20394-01-00
Miller 8-1H
SE/4 Sec.05-26S-29W
Gray County, Kansas

Dear Ed birdwell:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/16/2012 and the ACO-1 was received on March 28, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department