

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1095345

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	34586		API No. 15 - 15-091-23631-00-00
Name: ST Petrolet	ım Inc		Spot Description:
			NW NW NE NE Sec. 29 Twp. 14 S. R. 22  ✓ East West
Address 2:			5005 Feet from North / South Line of Section
		p:	1275 Feet from Y East ' [ ] West Line of Section
Contact Person: Rick			Footages Calculated from Nearest Outside Section Corner:
Phone: ( 913 ) 98			□NE □NW ☑SE □SW
CONTRACTOR: License			County: Johnson
Name: Town Oilfield	Service		Lease Name: Thomas A. Well #: 39
			Field Name: Gardner South
<del>-</del>			Producing Formation: Bartlesville
Designate Type of Comp			Elevation: Ground: 1044 Kelly Bushing: 0
▼ New Well	Re-Entry	Workover	Total Depth: 959 Plug Back Total Depth:
□ oii □ v		[ ] slow	Amount of Surface Pipe Set and Cemp ited at: 21 Feet
☐ Gas ☐ D		☐ sigw	Multiple Stage Cementing Collar Used? Yes V No
☐ og	☐ GSW	Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Me	'hane)		If Alternate II completion, cement circulated from:
Cathodic C	ther (Core, Expl., etc.):		feet depth to:w/sx cmt.
If Workover/Re-entry: O	ld Well Info as follows:		
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original 1	otal Depth:	Chloride content: 1500 ppm Fluid volume: 80 bbls
Deepening	Re-perf. Conv. to	ENHR Conv. to SWD	Dewatering method user: Evaporated
	Conv. t	o GSW	Dewalding method ( see,
Plug Back:	Pic	ug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled		<del></del>	Operator Name:
Dual Completion			Lease Name: License #:
☐ swb	Permit #:		Quarter Sec. Twp. S. R. East West
☐ ENHR		<del></del>	· — —
☐ GSW	Permit #:		County:Permit #:
5/15/2012	5/16/2012	5/17/2012	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date	

## **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 [ ] III Approved by: NAOMI JAMES Date: 10/02/2012

Side Two



Operator Name: ST I	Petroleum, Inc.		Lease Name	, Momas A.		Well #:39_		
Sec. 29 Twp.14	s. R. 22		County: Jol	hnson				
time tool open and clo	sed, flowing and shu is if gas to surface to	nd base of formations per at-in pressures, whether sest, along with final charte well site report.	shut-in pressure r	eached static level	, hydrostatic press	ures, bottom h	iole tempei	rature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		Log Formatio	on (Top), Depth an		_	ample
Samples Sent to Geol	ogical Survey	Yes 🗸 No	į	ame mmaRay		Тор	Da	atum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy	•	Yes No Yes No Yes No		<b>,</b>				
List All E. Logs Run:								
GammaRay/Neutro	n/CCL							
		CASING		New []Used				- <del></del>
	Size Hole	Report all strings set Size Casing	-conductor, surface Weight	intermediate, prod i Setting	t on, etc	# Sacks	Type a	nd Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used		Iditives
Surface	9	7	10	20	Portland	5	50/50 P	OZ
Completion	5.6250	2.87500	8	936	Portland	143	50/50 P	OZ
		ADDITIONA	L CEMENTING /	SQUEEZE RECOR	_  D			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	i	Type and	Percent Additive	s	
Protect Casing Plug Back TD Plug Off Zone	-	-					<del> </del>	<del> </del>
Shots Per Foot		ION RECORD - Bridge Plu r Footage of Each Interval Pe			acture, Shot, Cemer Amount and Kind of M		rd	Depth
3	880.0-890.0			2" DML RT	G			10
					· · · · · · · · · · · · · · · · · · ·	<del></del>		
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	YesNo	)	L	
Date of First, Resumed	Production, SWD or E	NHR. Producing Mo	ethod: Pumping	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bbls.	Gas-Oil Ratio		Gravity
Dispositi	ON OF GAS:		METHOD OF COM	MPI FTION		PRODUCT	ION INTERV	/A1
Vented Sold		Open Hole	Perf.	ually Comp. []C	ommingled			
	ibmit ACO-18.)	Other (Specify)	(Sui	bmit ACO-5) (Se	ibmit ACO-4)			



LOCATION O Hawa 165
FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT CEMENT

TRUCK I DRIVER TRUCK ORIVER  IABRING ADDRESS  IARDO STATE ZOP CODE  ITY STATE ZOP CODE  ITY STATE ZOP CODE  OB TYPE LENGTH HOLE SIZE (3"M)  HO	DATE	CUSTOMER#	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
TRUCKS DINGER TRUCKS DINGER  TRUCKS DINGER	5/4/12	7535	Thomas	# 39	NE 29	14	22	
SOG FREMAN SOLIL INTERIOR STATE ZIPCODE  STATE ZIPCODE  Edger for KS 66021  Edger for	CUSTOMER				# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
SOLO FRINCES  STATE STATE STATE STATE  EXPODE  FINANCIAN  FINANCIA	S_	T Petr	aleum		TRUCK #	DRIVER		
Edger for MS 66028 SSX RYASIN RS  OBTYPE Long from HOLE SIZE (374 HOLE DEPTH 959" CASING SIZE & WEIGHT 412" ASING DEPTH 9360 DIRL PIPE  WATER BUTCH CEMENT ISLURRY VOL. WATER BUTCH CEMENT LEFT IN CASING 5" + NE" PLUS DISPLACEMENT 14.7860 DISPLACEMENT PSI  MIX PSI  MIX PSI  RATE SIGN  FLOW PLAND 100. FLOW PLAND 100. PLANDING CAS FLOW MIX PSI  FLOW PART PLAND 142 STONE PLAND 142 STONE PART PLAND  FLOW PSI  FLOW PSI  FLOW PSI  FLOW PSI  FLOW PSI  TOS DIVILLY Chast  FUND CHARGE  TOS DIVILLY CHARGE  TOS	MAILING ADDRI	ESS			506	FREMAS		MA
Edger for MS 66028 SSX RYASIN RS  OBTYPE Long from HOLE SIZE (374 HOLE DEPTH 959" CASING SIZE & WEIGHT 412" ASING DEPTH 9360 DIRL PIPE  WATER BUTCH CEMENT ISLURRY VOL. WATER BUTCH CEMENT LEFT IN CASING 5" + NE" PLUS DISPLACEMENT 14.7860 DISPLACEMENT PSI  MIX PSI  MIX PSI  RATE SIGN  FLOW PLAND 100. FLOW PLAND 100. PLANDING CAS FLOW MIX PSI  FLOW PART PLAND 142 STONE PLAND 142 STONE PART PLAND  FLOW PSI  FLOW PSI  FLOW PSI  FLOW PSI  FLOW PSI  TOS DIVILLY Chast  FUND CHARGE  TOS DIVILLY CHARGE  TOS	18800	Entro	Sunfloa	y -y Red	495	HARBEC	HB O	
OB TYPE LONG TOTAL  OB TYPE LONG TOTAL  OBT TYPE LONG TOTAL  ASING DEPTH 9360 DRILL PIPE  HURTY WEIGHT  SLURRY VOL  SLURRY VOL  WATER 1014 THE  SURRY VOL  WATER 1014 THE  SEMENT LET. 7860 DISPLACEMENT PSI  MIX PSI  RATE 5870  RATE	CITY		1	l I	369	DERMAS	bM	
OB TYPE Long String HOLE SIZE (34) HOLE DEPTH 959' CASING SEE & WEIGHT 426  ASING DEPTH 9260 DIRLL PIPE HERITO BOFFICO 931' OTHER  JURRY WEIGHT SLURRY VOL. WATER 100 MIX PS RATE STRIP TO CASING 5' + NE PLUS  DISPLACEMENT 14.780 M DISPLACEMENT PSI  MIX PSI RATE STRIP MIX PSI PLOS PROPERTY CASING 5' + NE PLUS  9.5 ARL 1611 July 100 MIX PLUS 100 PRINTING CASING 5' + NE PLUS  9.5 ARL 1611 July 100 PROPERTY 143 SIES 50/50 PA MIX  COUNTY 21 ALL SUL 145 FLO SCEL/EK. FLUSH PLUS 1 LOSS 100 PA MIX  COUNTY PSI POLEORE PROSECULTS TO SET PRODUCT UNIT PRICE TOTAL  ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT GOOD TOTAL TOTAL MICHAEL STRIP MILES  STORE STRIP MILES STRIP MILES  STORE STRIP MILES  STORE STRIP MILES  STORE STRIP MILES  1/18 4 1-13 SES 50/50 Par. MIX COMMENT  1/18 6 3 CHIEF PRICE STRIP MILES  STRIP MILES  STRIP MILES  1/18 6 3 CHIEF PRICE STRIP MILES  1/18 7 1-10 SORE  1/18 8 3 CHIEF PRICE  1/18 8 3 CHIEF PRICE  1/18 9 1-10 SORE  1/18 1 1-10 SORE	Edgert	<b>σ</b> γν	KS	66021	355	RYASIN		
ASSING DEPTH 9.3.6.0 DRILL PIPE HHERE BOTTLOWN SILVERY WEIGHT 9.1 OTHER LURRY WEIGHT SLURRY VOL WATER 10 "MIX POLICY SILVERY WEIGHT 17.7868-DISPLACEMENT PSI MIX PSI RATE JAPPM  REMARKS: GS & Libs & Dump rate. Mix Pomp 100 * Pienium Cul Flock. Mix Pump 9.3 s.c. 50/50 Pa Mix Commit 21. Clark days. Mix Pump 143 s.c. 50/50 Pa Mix Commit 21. Clark days. Mix Pump 143 s.c. 50/50 Pa Mix Commit 21. Clark days. Mix Pump 143 s.c. 50/50 Pa Mix Commit 21. Clark days. Mix Pump 143 s.c. 50/50 Pa Mix Commit 21. Clark days. Mix Commit 21. Clark days. Mix Commit 22. Clark days.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DYILLY Chad Tosh to be file in casing.  TOS DY TOS DYILLY CASING TOSH TOSH TOSH TOSH TOSH TOSH TOSH TOSH	JOB TYPE La	na chron					VEIGHT <u> y を</u>	
SEURRY WEIGHT  SLURRY WEIGHT  SURPLACEMENT 19-2604-DISPLACEMENT PSI  MIX PSI  RATE JBM  RATE JBM  RATE JBM  REMARKS: Exto b lish guard rath. Mixt Promp 100 Premium Cell Flush. Mixt Promp  9.5 BBL Tell 1 be dye. Mixt Promp 143 bles 50/50 Po. Mix  Comment 22 Lell Med Fls. Scaller. Flush pump 1 thus clean.  Displace We' Rubber plus to betfle in cashy. Precedure to  Loa PSI. Balense pressure to Sex Float Value. Plusche plus  depth infusive live. Chad.  TOS DYILLY Chad.  TOS DYILLY Chad.  TOS DYILLY Chad.  TOS DESCRIPTION of SERVICES OF PRODUCT  STOL 1 PUMP CHARGE 755  STOL 30-mi MILEAGE 475  STOL 30-mi MILEAGE 475  STOL 2 P.36  Carmy foo beye  STOL 2 P.35  STOL 2 P.15  STOL 2	CASING DEPTH	0 9.360	DRILL PIPE	THENTS 6	offloe 93	<u> </u>	OTHER	
DISPLACEMENT 14.7868 DISPLACEMENT PSI MIX PSI RATE 58PM  REMARKS: Establish gump rad. Mixt Pump 100 * Plannium Cul Flush. Mixt Pump?  9.5 BBL Tall had due Mixt Pump 143 5165 505 Pa, Mix  (emount 27 Cul 1/4 Flo. Seal fk. Flush pump t limes clean.  Displace 1/6 No bor plus to batfle in cashy. Pressure to had the file of the flush pump t limes clean.  Displace 1/6 No bor plus to batfle in cashy. Pressure to had the file of the flush pump to limes clean.  Displace 1/6 No bor plus to batfle in cashy. Pressure to had the file of the flush pump to lime for the flush pump to lime for the file of the flush pump to lime for the flush pump to lime flush pump to lime for the flush pump to lime for the flush pump to lime f			SLURRY VOL_	WATER ga!/	sk	CEMENT LEFT IN	CASING_5	+ NE Plug
REMARKS: Establish aum rat. Mixe Pang 100 Premium Cel Flush. Mixe Pangs  9.5 BBL Tall hale dye Mixe Pung 143 Stes 50/50 Pa, Mixe  Comment 2th Cel We Flo. Seal/sk. Flush pung, t lines clean  Displace Ke Rubber plus to betfle in casing. Pressure to  Good PSI. Palence pressure to Set Floor Valde. Chack plus  Depth while line. Shut ha casing  TOS DV: 1/14g Chad:  ACCOUNT CODE  ACCOUNT QUANITY Or UNITS  DESCRIPTION of SERVICES OF PRODUCT  UNIT PRICE  TOTAL  ACCOUNT QUANITY OF UNITS  DESCRIPTION of SERVICES OF PRODUCT  UNIT PRICE  TOTAL  ACCOUNT QUANITY OF UNITS  DESCRIPTION of SERVICES OF PRODUCT  UNIT PRICE  TOTAL  ACCOUNT QUANITY OF UNITS  DESCRIPTION of SERVICES OF PRODUCT  UNIT PRICE  TOTAL  ACCOUNT QUANITY OF UNITS  DESCRIPTION of SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SYOT MICHAEL  ACCOUNT CODE  ACCOUNT CODE  ACCOUNT QUANITY OF UNITS  DESCRIPTION of SERVICES OF PRODUCT  UNIT PRICE  TOTAL  ACCOUNT CODE  ACCOUNT	DISPLACEMEN	T 14.78884	_DISPLACEMEN	T PSI MIX PSI		RATE_58PM	l	
County 20 Led We to Seal of Flush pump + lives clean  Displace We Rubber plus to bother in Casing Process of Results of Seal Casing Plus Copts when the Seal Floor Value Plus Plus Copts we have search to Seal Floor Value Plus Plus Copts when I was a casing.  TOS DY: (1/2] Chad Full Total Copts of PRODUCT Unit PRICE TOTAL CODE  ACCOUnt QUANITY or Units DESCRIPTION of SERVICES or PRODUCT Unit PRICE TOTAL  STORY OF THE PROPERTY OF	REMARKS: F	cha block	auma ra	D. Mix+ Pung 1	00 Prami	m and Flust	1. Mixx	Denos
County 20 Led We to Seal of Flush pump + lives clean  Displace We Rubber plus to bother in Casing Process of Results of Seal Casing Plus Copts when the Seal Floor Value Plus Plus Copts we have search to Seal Floor Value Plus Plus Copts when I was a casing.  TOS DY: (1/2] Chad Full Total Copts of PRODUCT Unit PRICE TOTAL CODE  ACCOUnt QUANITY or Units DESCRIPTION of SERVICES or PRODUCT Unit PRICE TOTAL  STORY OF THE PROPERTY OF	9.	5 3 BL 7	all take	due. Mixx Pu.	11/1/33	145 50/50	Por Mix	
ACCOUNT QUANTY OF UNITS  ACCOUNT QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  STUD  1 PUMP CHARGE  5-10 G  5-1	(-	4 22 Karan	h Gel 14th	Fla · Scallsk.	Flush pu	in i + line	s clean.	
ACCOUNT QUANTY OF UNITS  ACCOUNT QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  STUD  1 PUMP CHARGE  5-10 G  5-1	Λ.	3 0/0 0 =	#1/2" Rub	ber alve to E	paffle iv	casive	Pressure	No
ACCOUNT QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  STOCK PUBLICATION MILE AGE TYPE 122 9  STOCK		10 # PSI.	Polence	incisute to	Sex float	Valde.	Chack a	l se
ACCOUNT QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  STOL   PUMP CHARGE		a a 4-1	1 \ 1	See Clerk in	Casinc.			
ACCOUNT CODE  QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  5401  PUMP CHARGE  545  5406  30 m; MILEAGE  755  120 m  MILEAGE  755  120 m  MILEAGE  757  Minimum  Ten Miles  SSS  SSS  SSS  SSS  SSS  SSS  SSS	<u> </u>	eper wy		<u></u>	0			
ACCOUNT CODE  QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  5401  PUMP CHARGE  545  5406  30 m; MILEAGE  755  120 m  MILEAGE  755  120 m  MILEAGE  757  Minimum  Ten Miles  SSS  SSS  SSS  SSS  SSS  SSS  SSS								
ACCOUNT CODE  QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  5401  PUMP CHARGE  545  5406  30 m; MILEAGE  755  120 m  MILEAGE  755  120 m  MILEAGE  757  Minimum  Ten Miles  SSS  SSS  SSS  SSS  SSS  SSS  SSS		TAS 1) 1'	1/4 0	· h a d.		7,11	Mari	
CODE CONTINUES CONTINUES 755 120 2 120 120		<u> </u>	7			7		
5401   PUMP CHARGE		QUANIT	Y or UNITS	DESCRIPTION	of SERVICES or PF	ODUCT	UNIT PRICE	TOTAL
100   30mi   MILEAGE   195   120			1	PUMP CHARGE		455		1030 0
7/02 9:36 (asing footsige)  5707 Minimum Ten Miles 558 35000  5702C 2his 80 BBL Vac Truck 367 18000  1/34 1/35K5 50/50 Por Mix Connent 156500  1/18			Bomi	MILEAGE		49.5		12000
57.7 Minimum Ten Miles 558 3500 500 500 For Mix Coment 367 18000 15000 1	<u> </u>	(		Casin footogy	a			
118				Ton Miles		558		₹5°0 <b>€</b>
1/24 1/35K5 50/50 Po VN: X Coment 1565 55  1/8 3 21/8 Prem: um Cel 7/9  1/107 36 F10 Seel 9469  Lyoy 1 Lys Rubber Plus 45 55  Perin 3737  Perin 3737  1/3 5K5 X SALESTAX 13298		1		80 BBL Vac	Truck	367		
1188 341 Premium Cal  1107 36 Flo Sal  445 Rubbar Plug  7.525% SALESTAX 1328  ESTIMATED TOTAL 3580	33582	<u> </u>						
1188 341 Premium Cal  1107 36 Flo Sal  445 Rubbar Plug  7.525% SALESTAX 1328  ESTIMATED TOTAL 3580			······································					
1188 341 Premium Cal  1107 36 Flo Sal  445 Rubbar Plug  7.525% SALESTAX 1328  ESTIMATED TOTAL 3580	1.5.	<u> </u>	1412 145	50/50 Po VA 50	Carney &			1565
1107 36" F-10 Seal 9460  450  450  450  7.525% SALESTAX 1328  ESTIMATED TOTAL 3580 24	,							7, 2
7.525% SALESTAX 13.28  Pavin 3737  11.1  245 Rubbar Plus  7.525% SALESTAX 13.28  ESTIMATED TOTAL 3.580 24		<del>                                     </del>			<u> </u>		<del>- </del>	2460
7.525% SALES TAX /3288 Pavin 3737  ESTIMATED TOTAL 3.580 29		<del> </del>						90
Flavin 3737  Flavin 3737  TOTAL 3580	4404			LIX Kubber	Pluc		-	73.
Flavin 3737  Flavin 3737  TOTAL 3580		<del></del>			<u>/</u>		-	
Flavin 3737  Flavin 3737  TOTAL 3580		-						
Flavin 3737  Flavin 3737  TOTAL 3580		<del> </del>	· · · · · · · · · · · · · · · · · · ·				_	
Flavin 3737  Flavin 3737  TOTAL 3580		<del>                                     </del>						<del>                                     </del>
Flavin 3737  Flavin 3737  TOTAL 3580	<b></b>	<del> </del>						
Flavin 3737  Flavin 3737  TOTAL 3580		<del></del>						-
Flavin 3737  Flavin 3737  TOTAL 3580	<del> </del>	-		_		7.525%	SALESTAX	12-98
TOTAL 3580-	Playin 3737	1						04
		11/1						3580-

AUTHORIZTION

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Thickness of Strata	Formation	Total Depth	Remarks
20	Soil/Clay	20	
54	Shale	74	
6	Lime	80	
3	Shale	83	
16	Lime	99	
9	Shale	108	
8	Lime	116	
8	Shale	124	
19	Lime	143	
17	Shale	160	
21	Lime	181	
5	Shale	186	
56	Lime	242	
22	Sahle	264	
4	Lime	268	
2	Shale	270	
3	Lime	273	
16	Shale	289	
7	Lime	296	
8	Shale	304	
8	Lime	312	
42	Shale	354	
25	Lime	379	
8	Shale	387	
23	Lime	410	
4	Shale	414	
3	Lime	417	
5	Shale	422	
7	Lime	429	
51	Shale	480	
8	Sandy shale	488	
111	Shale	599	·
14	Lime	613	
6	Shale	619	
8	L me	627	
15	Shale	542	
4	Lirne	646	
7	Sand	653	
11	Sand	664	
103	Shale	767	
11	Sand	778	odor, little oil
101	Shale	879	
4	Sand	883	20%-505 odor, good bleed
7	Sand	890	solid

3	Sandy shale	893	40%-60%
3	Sandy shale	896	no oil
63	shale	959	TD

.