



**APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)** *Commingling ID #* \_\_\_\_\_

OPERATOR: License # \_\_\_\_\_ API No. 15 - \_\_\_\_\_  
Name: \_\_\_\_\_ Spot Description: \_\_\_\_\_  
Address 1: \_\_\_\_\_ - - - - - Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
Address 2: \_\_\_\_\_ Feet from  North /  South Line of Section  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_ Feet from  East /  West Line of Section  
Contact Person: \_\_\_\_\_ County: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

**For Commingling of PRODUCTION ONLY, include the following:**

- 5. Wireline log of subject well. Previously Filed with ACO-1:  Yes  No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

**For Commingling of FLUIDS ONLY, include the following:**

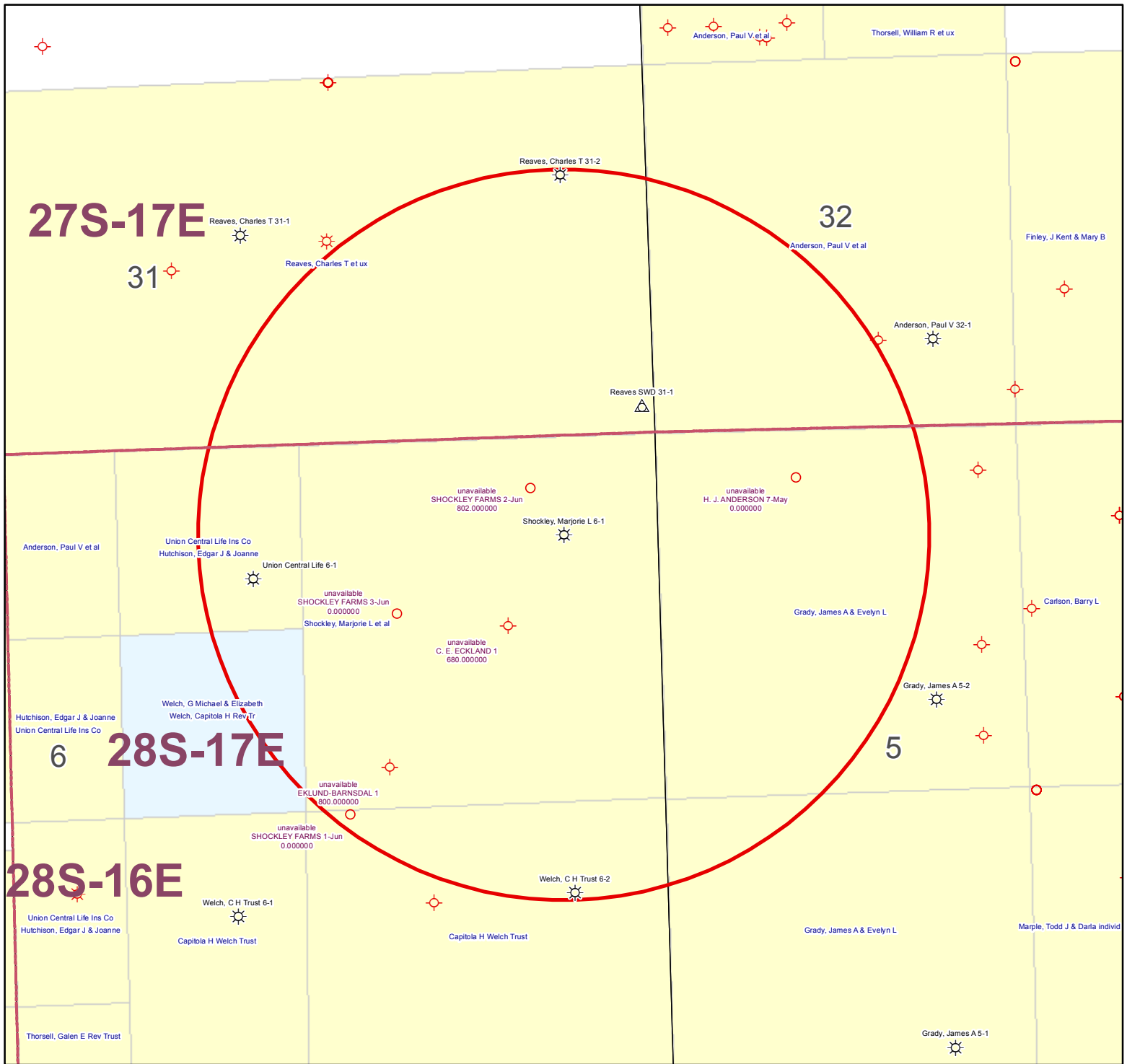
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**AFFIDAVIT:** I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

**Submitted Electronically**

**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.*



KGS STATUS	
	DA/PA
	EOR
	GAS
	INJ/SWD
	OIL
	OIL/GAS
	OTHER

Shockley, Marjorie L 6-1  
 6-28S-17E  
 1" = 1,000'

	A	B	C	D	E	F	G	H	I	J	K	
1	Produced Fluids #		1	2	3	4	5		<a href="#">Click here to run SSP</a>  Goal Seek SSP  <a href="#">Click</a>  <a href="#">Click</a>  <a href="#">Click</a>  <a href="#">Click</a>			
2	Parameters	Units	Input	Input	Input	Input	Input					
3	Select the brines	Select fluid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mixed brine:				
4	Sample ID	by checking						Cell H28 is				
5	Date	the box(es),	3/19/2012	3/4/2012	3/14/2012	1/20/2012	1/20/2012	STP calc. pH.				
6	Operator	Row 3	PostRock	PostRock	PostRock	PostRock	PostRock	Cells H35-38				
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in				
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines				
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.				
10	Na <sup>+</sup>	(mg/l)*	19,433.00	27,381.00	26,534.00	25689.00	24220.00	24654.20	Initial(BH)	Final(WH)	SI/SR (Final-Initial)	
11	K <sup>+</sup> (if not known =0)	(mg/l)						0.00	Saturation Index values			
12	Mg <sup>2+</sup>	(mg/l)	1,096.00	872.00	1,200.00	953.00	858.00	995.91	Calcite			
13	Ca <sup>2+</sup>	(mg/l)	1,836.00	2,452.00	2,044.00	1920.00	1948.00	2040.23	-0.73	-0.60	0.13	
14	Sr <sup>2+</sup>	(mg/l)						0.00	Barite			
15	Ba <sup>2+</sup>	(mg/l)						0.00				
16	Fe <sup>2+</sup>	(mg/l)	40.00	21.00	18.00	82.00	90.00	50.21	Halite			
17	Zn <sup>2+</sup>	(mg/l)						0.00	-1.77	-1.80	-0.03	
18	Pb <sup>2+</sup>	(mg/l)						0.00	Gypsum			
19	Cl <sup>-</sup>	(mg/l)	36,299.00	48,965.00	47,874.00	45632.00	43147.00	44388.44	-3.19	-3.18	0.00	
20	SO <sub>4</sub> <sup>2-</sup>	(mg/l)	1.00	1.00	8.00	1.00	1.00	2.40	Hemihydrate			
21	F <sup>-</sup>	(mg/l)						0.00	-3.96	-3.90	0.06	
22	Br <sup>-</sup>	(mg/l)						0.00	Anhydrite			
23	SiO <sub>2</sub>	(mg/l) SiO <sub>2</sub>						0.00	-3.47	-3.36	0.12	
24	HCO <sub>3</sub> Alkalinity**	(mg/l as HCO <sub>3</sub> )	190.00	234.00	259.00	268.00	254.00	241.03	Celestite			
25	CO <sub>3</sub> Alkalinity	(mg/l as CO <sub>3</sub> )										
26	Carboxylic acids**	(mg/l)						0.00	Iron Sulfide			
27	Ammonia	(mg/L) NH <sub>3</sub>						0.00	-0.16	-0.22	-0.06	
28	Borate	(mg/L) H <sub>3</sub> BO <sub>3</sub>						0.00	Zinc Sulfide			
29	TDS (Measured)	(mg/l)						72781				
30	Calc. Density (STP)	(g/ml)	1.038	1.051	1.050	1.048	1.045	1.047	Calcium fluoride			
31	CO <sub>2</sub> Gas Analysis	(%)	19.97	18.76	22.41	35.53	33.79	26.16				
32	H <sub>2</sub> S Gas Analysis***	(%)	0.0289	0.0292	0.0296	0.0306	0.0151	0.0269	Iron Carbonate			
33	Total H <sub>2</sub> Saq	(mgH <sub>2</sub> S/l)	1.00	1.00	1.00	1.00	0.50	0.90	-0.74	-0.51	0.23	
34	pH <sub>i</sub> measured (STP)	pH	5.67	5.76	5.72	5.54	5.55	5.63	Inhibitor needed (mg/L)			
35	Choose one option to calculate SI?	0-CO <sub>2</sub> %+Alk, 1-pH+Alk, 2-CO <sub>2</sub> %+pH	0	0	0	0	0	0	Calcite	NTMP		
36	Gas/day(thousand cf/day)	(Mc/D)						0	0.00	0.00		
37	Oil/Day	(B/D)	0	0	1	1	1	4	Barite	BHPMP		
38	Water/Day	(B/D)	100	100	100	100	100	500	0.00	0.00		
39	For mixed brines, enter values for temperatures and pressures in Cells (H40-H43)							(Enter H40-H43)	pH			
40	Initial T	(F)	66.0	71.0	70.0	41.0	49.0	60.0	5.69	5.60		
41	Final T	(F)	66.0	71.0	70.0	41.0	49.0	89.0	Viscosity (CentiPoise)			
42	Initial P	(psia)	25.0	25.0	25.0	25.0	25.0	25.0	1.196	0.826		
43	Final P	(psia)	25.0	25.0	25.0	25.0	25.0	120.0	Heat Capacity (cal/ml <sup>0</sup> C)			
44	Use TP on Calcite sheet?	1-Yes;0-No							0.955	0.959		
45	API Oil Grav.	API grav.						30.00	Inhibitor needed (mg/L)			
46	Gas Sp.Grav.	Sp.Grav.						0.60	Gypsum	HDTMP		
47	MeOH/Day	(B/D)	0					0	0.00	0.00		
48	MEG/Day	(B/D)	0					0	Anhydrite	HDTMP		
49	Conc. Multiplier								0.00	0.00		
50	H <sup>+</sup> (Strong acid) <sup>†</sup>	(N)										
51	OH <sup>-</sup> (Strong base) <sup>†</sup>	(N)										
52	Quality Control Checks at STP:											
53	H <sub>2</sub> S Gas	(%)										
54	Total H <sub>2</sub> Saq (STP)	(mgH <sub>2</sub> S/l)										
55	pH Calculated	(pH)										
56	PCO <sub>2</sub> Calculated	(%)										
57	Alkalinity Cacluated	(mg/l) as HCO <sub>3</sub>										
58	ΣCations=	(equiv./l)										
59	ΣAnions=	(equiv./l)										
60	Calc TDS=	(mg/l)										
61	Inhibitor Selection	Input	Unit	#	Inhibitor	Unit Converter (From metric to English)						
62	Protection Time	120	min	1	NTMP	From Unit	Value	To Unit	Value			
63	Have ScaleSoftPitzer			2	BHPMP	°C	80	°F	176			
64	pick inhibitor for you?	1	1-Yes;0-No	3	PAA	m <sup>3</sup>	100	ft <sup>3</sup>	3,531			
65	If No, inhibitor # is:	4	#	4	DTPMP	m <sup>3</sup>	100	bb(42 US gal)	629			
66	If you select Mixed,			5	PPCA	MPa	1,000	psia	145,074			
67	1 <sup>st</sup> inhibitor # is:	1	#	6	SPA	Bar	496	psia	7,194			
68	% of 1 <sup>st</sup> inhibitor is:	50	%	7	HEDP	Torr	10,000	psia	193			
69	2 <sup>nd</sup> inhibitor # is:	2	#	8	HDTMP	Gal	10,000	bb(42 US gal)	238			
70	Display act. coeffs?	0	1-Yes;0-No	9	Average	Liters	10,000	bb(42 US gal)	63			
71				10	Mixed							

## Saturation Index Calculations

*Champion Technologies, Inc.*  
(Based on the Tomson-Oddo Model)

**Brine 1:** Ward Feed Yard 34-1

**Brine 2:** Ward Feed Yard 4-1

**Brine 3:** Clinesmith 5-4

**Brine 4:** Clinesmith 1

**Brine 5:** Clinesmith 2

Component (mg/L)	Ratio					Mixed Brine
	20% Brine 1	20% Brine 2	20% Brine 3	20% Brine 4	20 Brine 5	
Calcium	1836	2452	2044	1920	1948	1952
Magnesium	1096	872	1200	953	858	865
Barium	0	0	0	0	0	0
Strontium	0	0	0	0	0	0
Bicarbonate	190	234	259	268	254	253
Sulfate	1	1	8	1	1	1
Chloride	36299	48965	47874	45632	43147	43206
CO <sub>2</sub> in Brine	246	220	264	422	405	401
Ionic Strength	1.12	1.48	1.46	1.38	1.31	1.31
Temperature (°F)	89	89	89	89	89	89
Pressure (psia)	50	50	120	120	120	119

### Saturation Index

Calcite	-1.71	-1.41	-1.48	-1.68	-1.69	-1.69
Gypsum	-3.71	-3.64	-2.82	-3.73	-3.72	-3.69
Hemihydrate	-3.70	-3.65	-2.83	-3.74	-3.71	-3.69
Anhydrite	-3.89	-3.79	-2.97	-3.89	-3.88	-3.85
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A

### PTB

Calcite	N/A	N/A	N/A	N/A	N/A	N/A
Gypsum	N/A	N/A	N/A	N/A	N/A	N/A
Hemihydrate	N/A	N/A	N/A	N/A	N/A	N/A
Anhydrite	N/A	N/A	N/A	N/A	N/A	N/A
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A



Operator Name: Quest Cherokee, LLC Lease Name: Shockley, Marjorie L. Well #: 6-1  
 Sec. 6 Twp. 28 S. R. 17  East  West County: Wilson

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
*(Submit Copy)*

List All E. Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Lenapah Lime	376	+619
Altamont Lime	468	+527
Pawnee Lime	640	+355
Oswego Lime	694	+301
Verdigris Lime	---	---
Mississippi Lime	1135	-140

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
Surface	11"	8-5/8"	24.75#	24.5	"A"	6sx	
Production	6-3/4"	4-1/2"	10.5#	1180'	"A"	180sx	

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				

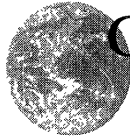
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
None	Waiting on Pipeline		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

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

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_



**CONSOLIDATED**  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

**ORIGINAL**

TICKET NUMBER **23216**

LOCATION CHANUTE

**FIELD TICKET**

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
	6628	Shoemaker		6	28E	17E	WL	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				
QUEST CHEROKEE LLC								
P.O. Box 100								
BENEDICT, KS 66714								

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1-WELL	PUMP CHARGE CEMENT PUMP		525.00
3123	81 #	DIACEL FL		739.00
1128	81 #	LOMAR D		324.00
1110	28 SKS	GILSONITE		543.20
1111	326 #	SALT		81.50
1111A	70 #	NETSC BEADS		94.50
1107	2 SKS	CELLO FLAKE/FLO-SEAL		113.25
1118	2 SKS	PREMIUM GEL / BENTONITE		23.60
1215	1 GAL	KCL		22.00
1123	9,240 GALS	CITY WATER (220 BBL)		103.75
		BLENDING & HANDLING		
5407	9 mi	TON-MILES MINIMUM		190.00
		STAND BY TIME		
		MILEAGE		
5501	4 HR	WATER TRANSPORTS		320.00
5502	4 HR	VACUUM TRUCKS		300.00
		FRAC SAND		
1104	158 SKS	CEMENT CLASS "A" (180 SKS TOTAL)		1343.00
			SALES TAX	211.43
ESTIMATED TOTAL				4924.43

RECEIVED  
JUN 18 2004  
KCC WICHITA

CUSTOMER or AGENTS SIGNATURE \_\_\_\_\_ CIS FOREMAN TODD A. TINILE

CUSTOMER or AGENT (PLEASE PRINT) \_\_\_\_\_ DATE \_\_\_\_\_

189148





## TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials, customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

## SERVICE CONDITIONS

**Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.**

**"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."**

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.
- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.
- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.

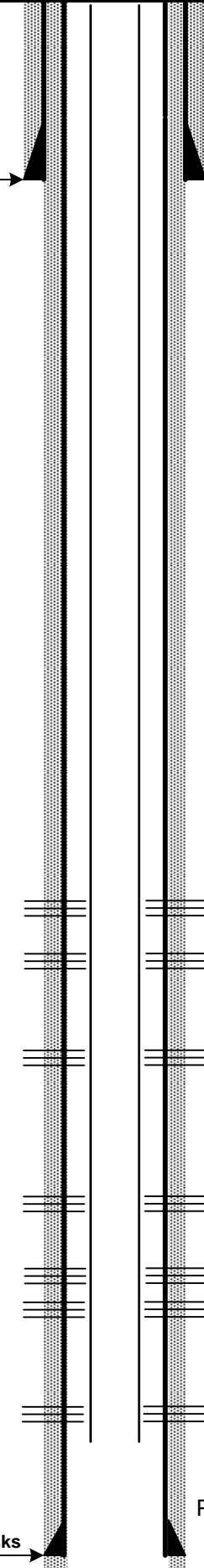


WELL : Shockley, Marjorie L 6-1  
FIELD : Cherokee Basin  
STATE : Kansas  
COUNTY : Wilson

SPUD DATE : 2/17/2004  
COMP. DATE : 3/1/2004  
API: 15-205-25725-00-00

LOCATION: 6-28S-17E (NE,NE)  
ELEVATION: 995'

8 5/8" 24 lb @ 24.5' Cement w/6 sks



Wellhead/Surface Equipment

Tree Connection	
Tree	
Tubing Head	
Bradenhead	
Pumping Unit	
Compressor	

Tubular Detail

Size	Weight	Grade	Cap(bbl/ft)	Date	Depth
8 5/8"	24 lb			2004	24.5'
4 1/2"	10.5 lb		.0159	2004	1180'

Downhole Equipment Detail

Empty box for Downhole Equipment Detail.

Completion Data

Original as GAS Well per ACO-1
850 gals 15% HCL
1,145 bbls water
20,200 lbs 30/70 sand

Perforations

Original Completion: 4 spf
711-715 Summit (17)
725-729 Mulky (17)
807-809 Croweburg (9)
904-906 Tebo (9)
935-937 Weir (9)
944-946 Weir (9)
1118.5-1120.5 Riverton (9)

4.5" 10.5 lb @ 1180' Cement w/180 sks

PBTD @ 1180'

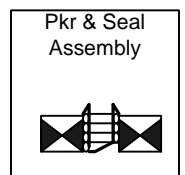
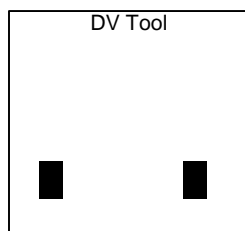
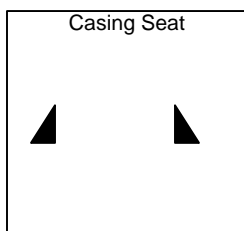
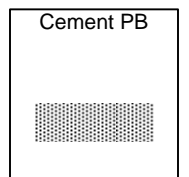
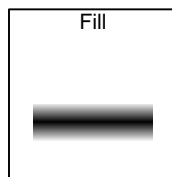
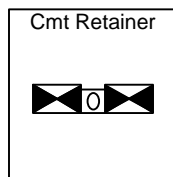
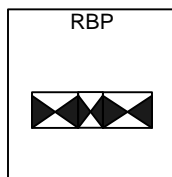
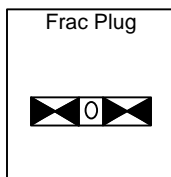
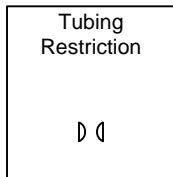
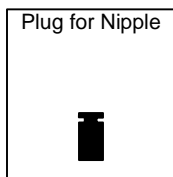
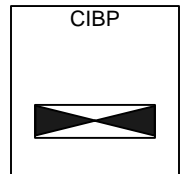
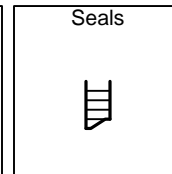
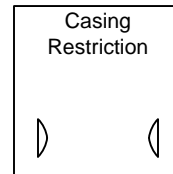
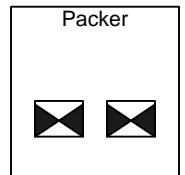
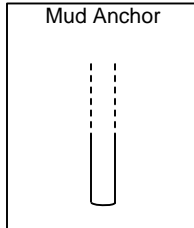
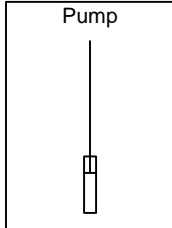
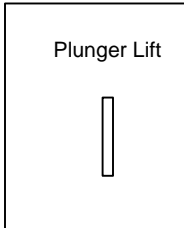
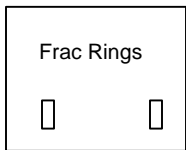
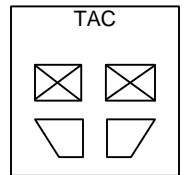
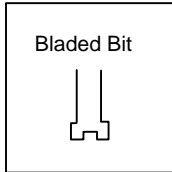
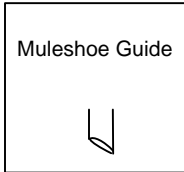
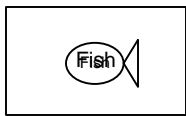
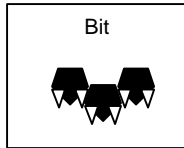
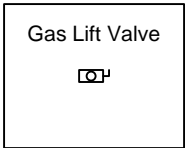
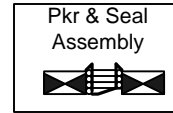
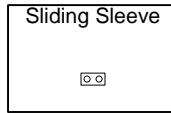
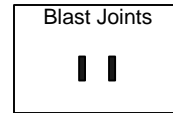
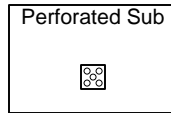
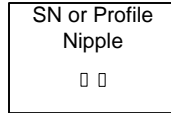
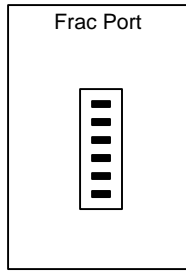
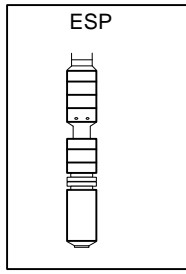
Drilled Depth @ 1189'

# POSTROCK



## LEGEND

PostRock®





**Affidavit of Notice Served**

Re: Application for: APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS ACO-4

Well Name: SHOCKLEY, MARJORIE L 6-1 Legal Location: NESWNENE S6-T28S-R17E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 14<sup>th</sup> of AUGUST, 2012, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

*Note: A copy of this affidavit must be served as a part of the application.*

Name	Address (Attach additional sheets if necessary)
POSTROCK MIDCONTINENT PRODUCTION LLC	210 PARK AVENUE, SUITE 2750, OKLAHOMA CITY, OK 73102-5641

I further attest that notice of the filing of this application was published in the WILSON COUNTY CITIZEN, the official county publication of WILSON county. A copy of the affidavit of this publication is attached.

Signed this 14<sup>th</sup> day of AUGUST, 2012

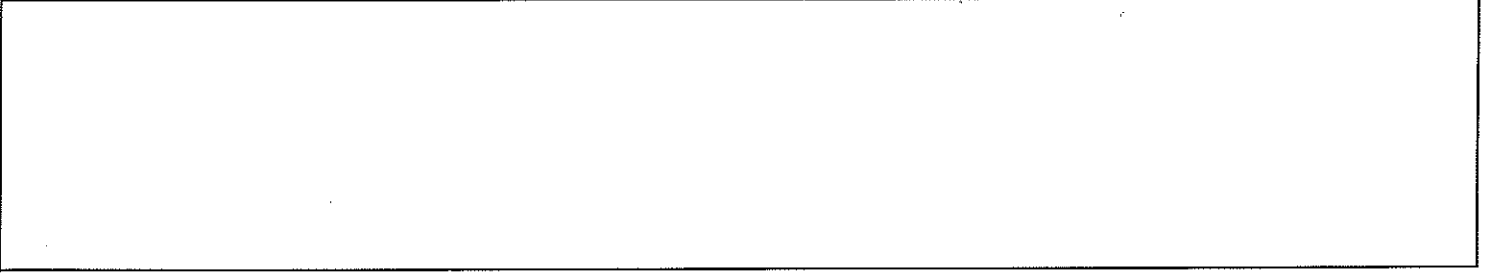
Jeff L Morris  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 14<sup>th</sup> day of AUGUST, 2012



Jennifer R Beal  
Notary Public

My Commission Expires: July 20, 2016



[ ]

[ ]

**Offset Operators, Unleased Mineral Owners and Landowners acreage**  
(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

POSTROCK MIDCONTINENT PRODUCTION, LLC

POSTROCK HAS LEASED ALL ACREAGE IN THE 1/2

MILE RADIUS

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I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Jess L Morris  
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14<sup>th</sup> day of AUGUST, 2012



Jennifer R Beal  
Notary Public

My Commission Expires: July 20, 2016

[ ]

**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, depose and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for 1 issues, that the first publication of said notice was

made as aforesaid on the 17th of

August A.D. 2012, with

subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

*Mark Fletchall*

Subscribed and sworn to before me this

17th day of August, 2012



*Penny L Case*
Notary Public Sedgwick County, Kansas

Printer's Fee : \$139.60

**LEGAL PUBLICATION**

**PUBLISHED IN THE WICHITA EAGLE**  
AUGUST 17, 2012 (3201719)  
BEFORE THE STATE  
CORPORATION COMMISSION  
OF THE STATE OF KANSAS  
**NOTICE OF FILING APPLICATION**  
**RE:** In the Matter of Postrock Midcontinent  
Production, LLC Application for  
Commingle of Production in the  
Shockley, Marjorie L 6-1 located in  
Wilson County, Kansas.  
**TO:** All Oil & Gas Producers, Unleased  
Mineral Interest Owners, Landowners,  
and all persons whomsoever concerned.  
You, and each of you, are hereby notified  
that Postrock Midcontinent Production,  
LLC has filed an application to commingle  
the Summit, Mulky, Croweburg, Tebo,  
Weir, Riverton, and Bartlesville producing  
formations at the Shockley, Marjorie L 6-1,  
located in the NESWNE 36-T28S-R17E,  
Approximately 719 FNL & 679 FEL, Wilson  
County, Kansas.

Any persons who object to or protest  
this application shall be required to file their  
objections or protest with the Conservation  
Division of the State Corporation Commission  
of the State of Kansas within fifteen (15)  
days from the date of this publication. These  
protests shall be filed pursuant to Commission  
regulations and must state specific reasons  
why granting the application may cause  
waste, violate correlative rights or pollute the  
natural resources of the State of Kansas.

All persons interested or concerned shall  
take notice of the foregoing and shall govern  
themselves accordingly. All person and/or  
companies wishing to protest this application  
are required to file a written protest with the  
Conservation Division of the Kansas Oil and  
Gas Commission.

Upon the receipt of any protest, the  
Commission will convene a hearing and  
protestants will be expected to enter an  
appearance either through proper legal  
counsel or as individuals, appearing on their  
own behalf.

Postrock Midcontinent Production, LLC  
210 Park Avenue, Suite 2750  
Oklahoma City, Oklahoma 73102  
(405) 660-7704  
**A COPY OF THE AFFIDAVIT OF  
PUBLICATION MUST ACCOMPANY ALL  
APPLICATIONS**

PROOF OF PUBLICATION

STATE OF KANSAS
Wilson County - SS

JOSEPH S. and RITA M. RELPH, of lawful age, being duly sworn upon oath that they are the Owners and Publishers of the WILSON COUNTY CITIZEN:

THAT said newspaper has been published at least weekly fifty (50) times a year and has been so published for at least five years prior to the first publication of the attached notice:

THAT said newspaper is a general circulation on a daily, or weekly, or monthly, or yearly basis in;

WILSON COUNTY, KANSAS and is NOT a trade, religious or fraternal publication and has been PRINTED and PUBLISHED in Wilson County, Kansas.

THE ATTACHED was published on the following dates in a regular issue of said newspaper:

1st publication was made on the 16th day of August, 2012

2nd publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

3rd publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

4th publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

5th publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

6th publication was made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

TOTAL PUBLICATION FEE: \$ 37.73

(Signed) Joseph S. Relph

Subscribed and sworn to before me, this 17th day of August, 2012

Rita M. Relph (Notary Public)
My commission expires Aug. 30, 2014

(Published in the Wilson County Citizen on Thursday, August 16, 2012.)

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

RE: In the Matter of Postrock Midcontinent Production, LLC Application for Commingling of Production in the Shockley, Marjorie L 6-1 located in Wilson County, Kansas.

TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomever concerned.

You, and each of you, are hereby notified that Postrock Midcontinent Production, LLC has filed an application to commingle the Summit, Mulky, Croweburg, Tebo, Weir, Riverton, and Bartlesville producing formations at the Shockley, Marjorie L 6-1, located in the NESWENE S6-T28S-R17E, Approximately 719 FNL & 679 FEL, Wilson County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly. All person and/or companies wishing to protest this application are required to file a written protest with the Conservation Division of the Kansas Oil and Gas Commission.

Upon the receipt of any protest, the Commission will convene a hearing and protestants will be expected to enter an appearance either through proper legal counsel or as individuals, appearing on their own behalf.

Postrock Midcontinent Production, LLC
210 Park Avenue, Suite 2750
Oklahoma City, Oklahoma 73102
(405) 660-7704
52 1 cpy.

pd
8/23/12
mr





September 4, 2012

Clark Edwards  
PostRock Midcontinent Production LLC  
Oklahoma Tower  
210 Park Ave, Ste 2750  
Oklahoma City, OK 73102

RE: Approved Commingling CO081224  
Shockley, Marjorie L. 6-1, Sec. 6-T28S-R17E, Wilson County  
API No. 15-205-25725-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on August 24, 2012, has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period.

Based upon the depth of the Riverton formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

**File form ACO-1 upon re-completion of the well to commingle.**

Commingling ID number CO081224 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann  
Production Department