



**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:**

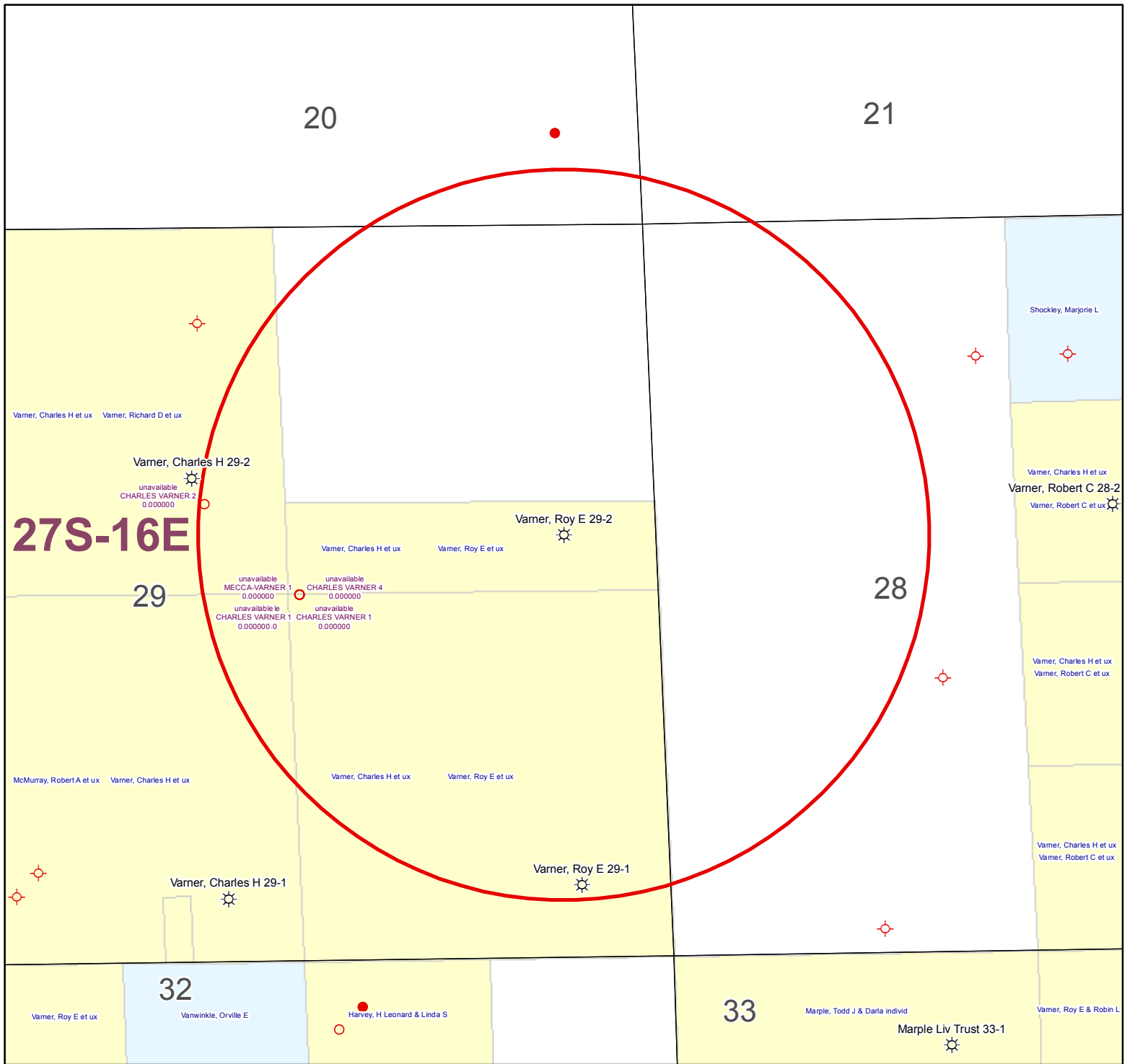
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**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

Varner, Roy E 29-2  
 29-27S-16E  
 1" = 1,000'



Operator Name: Quest Cherokee, LLC Lease Name: Vamer, Roy E. Well #: 29-2  
 Sec. 29 Twp. 27 S. R. 16  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Gamma Ray Neutron Log</b> <b>Dual Induction Log</b> <b>Compensated Density/Neutron Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name <span style="float:right">Top Datum</span> <b>See attached</b>
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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
Surface	11	8-5/8"	20	22	"A"	5	
Production	6-3/4	4-1/2	10.5#	1304.42	"A"	160	

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
4	1074-1077/965-967/929-932/913-915	400gal 15%HCLw/ 45 bbls 2%KCl water, 850bbls water w/ 2% KCL, Blockade, 16000# 20/40 sand	1074-1077/965-967
			929-932/913-915
4	833-837/824-828	400gal 15%HCLw/ 55 bbls 2%KCl water, 600bbls water w/ 2% KCL, Blockade, 13800# 20/40 sand	833-837/824-828

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>1082.62</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>9/12/06</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>7.4mcf</u>	Water Bbls. <u>31.1bbls</u>	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

Drill Log

Quest Cherokee, LLC

Roy Varner #29-2  
S29, T27, R16  
Wilson Co, KS  
API#205-26742-0000

0-3 DIRT  
3-45' LIME  
45-165 SHALE  
165-185 LIME  
185-228 SHALE  
228-270 LIME  
270-283 SHALE  
283-305 SAND  
305-306 COAL  
306-320 SAND  
320-333 SANDY SHALE  
333-338 LIME  
338-360 SANDY SHALE  
360-440 LIME  
440-444 BLACK SHALE  
444-453 LIME  
453-459 SANDY SHALE  
459-480 LIME  
480-495 SAND  
495-526 LIME  
526-616 SANDY SHALE  
616-626 LIME  
626-646 SANDY SHALE  
646-661 LIME  
661-686 SANDY SHALE  
686-696 SAND  
696-697 COAL  
697-743 SANDY SHALE  
743-745 LIME  
745-746 COAL  
746-750 SHALE  
750-776 LIME PAWNEE  
776-779 BLACK SHALE  
779-794 SANDY SHALE  
794-819 LIME OSWEGO  
819-824 SHALE  
824-830 LIME  
830-832 SHALE  
832-833 COAL  
833-836 SANDY SHALE  
836-851 SAND  
851-857 SANDY SHALE  
857-862 SAND ODOR OIL  
862-909 SAND  
909-910 COAL  
910-923 SANDY SHALE  
923-926 LIME

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**OCT 12 2006**  
CONSERVATION DIVISION  
WICHITA, KS

6-14-06 Drilled 11" hole and set  
22' of 8 5/8" surface casing  
Set with 5 sacks Portland cement

6-15-06 Started drilling 6 3/4" hole

6-15-06 Finished drilling to  
T.D. 1313'

WATER @ 511'

511' SLIGHT BLOW  
711' 3" ON 1/2" ORIFICE  
761' 7" ON 1/2" ORIFICE  
786' 24" ON 1/2" ORIFICE  
825' 80" ON 1/2" ORIFICE  
836' 26" ON 1" ORIFICE  
912' 26" ON 1" ORIFICE  
937' 26" ON 1" ORIFICE  
962' 26" ON 1" ORIFICE  
1037' 33" ON 1" ORIFICE  
1062' 27" ON 1" ORIFICE  
1087' 15" ON 1" ORIFICE  
1212' 15" ON 1" ORIFICE  
1313' 17" ON 1" ORIFICE

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

Drill Log  
Quest Cherokee, LLC

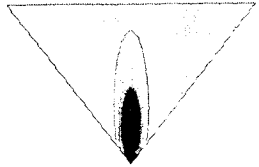
Roy Varner #29-2  
S29, T27, R16  
Wilson Co, KS  
API#205-26742-0000

926-927 COAL  
927-960 SANDY SHALE  
960-961 COAL  
961-1017 SANDY SHALE  
1017-1027 SAND  
1027-1034 SANDY SHALE  
1034-1035 COAL  
1035-1042 SANDY SHALE  
1042-1043 COAL  
1043-1050 SANDY SHALE  
1050-1066 SAND  
1066-1070 SHALE  
1070-1072 COAL  
1072-1187 SAND  
1187-1201 SANDY SHALE  
1201-1203 COAL  
1203-1313 LIME MISSISSIPPI

**T.D. 1313'**

# QUEST

Resource Corporation



211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

TICKET NUMBER **1477**

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Craig Rooden

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
June 20 2006	Vanner, Row F 29-2	29	27	16	Wilson

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Craig R	1:15	5:15	NO	903127		4	<i>[Signature]</i>
Tim A		4:30		903197		3.25	<i>[Signature]</i>
Russel A		4:15		903206		3	<i>[Signature]</i>
Joe B		6:30		903139	982452	5.25	<i>[Signature]</i>
Leon H.		6:00		931415		4.75	<i>[Signature]</i>

JOB TYPE log fishing HOLE SIZE 6 3/4 HOLE DEPTH 1313 CASING SIZE & WEIGHT 4 1/2 x 12.5  
 CASING DEPTH 1304.47 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 145 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 2080 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.0 bpm

REMARKS:

Row 1 seal of premium gel and cement to surface. Installed cement head and pump. 1 sack of gel in barrel due and 160 sacks of cement to set due to surface. Flashed pump pumped wiper plug to bottom. set floodhouse.

1304.47	Fl 4 1/2 casing
6	neutralizers
90310	w casing tractor
90300	w casing tractor

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	4 hr	Foreman Pickup	
903255	3.25 hr	Cement Pump Truck	
903206	3 hr	Bulk Truck	
1104	152 sc	Portland Cement	
1124	1	50/50 PGZ-Blend-Gement <u>Rate 3"</u>	
1126	1	OWC-Blend-Gement <u>wiper plug 4 1/2</u>	
1110	16 sc	Gilsonite	
1107	1 sc	Flo-Seal	
1118	2 sc	Premium Gel	
1215A	1 sack	KCL	
1111B	3 sc	Sodium-Silicate <u>calcium chloride</u>	
1123	2005 gals	City Water	
903127	5.25 hr	Transport Truck	
982452	5.25 hr	Transport Trailer	
931415	4.75 hr	80 Vac	

	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		Click	
2	Parameters	Units	Input	Input	Input	Input	Input					Click
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				Click
7	Well Name		Ward Feed	Ward Feed	Clinesmith	Clinesmith	Clinesmith	are used in				Click
8	Location		#34-1	#4-1	#5-4	#1	#2	mixed brines				
9	Field		CBM	CBM	Bartles	Bartles	Bartles	calculations.				Click
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)			
		0-CO <sub>2</sub> %+Alk, 1-pH+Alk, 2-CO <sub>2</sub> %+pH							Calcite	NTMP		
35	Choose one option to calculate SI?		0	0	0	0	0					
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)			
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/°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) †	(N)										
51	OH <sup>-</sup> (Strong base) †	(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

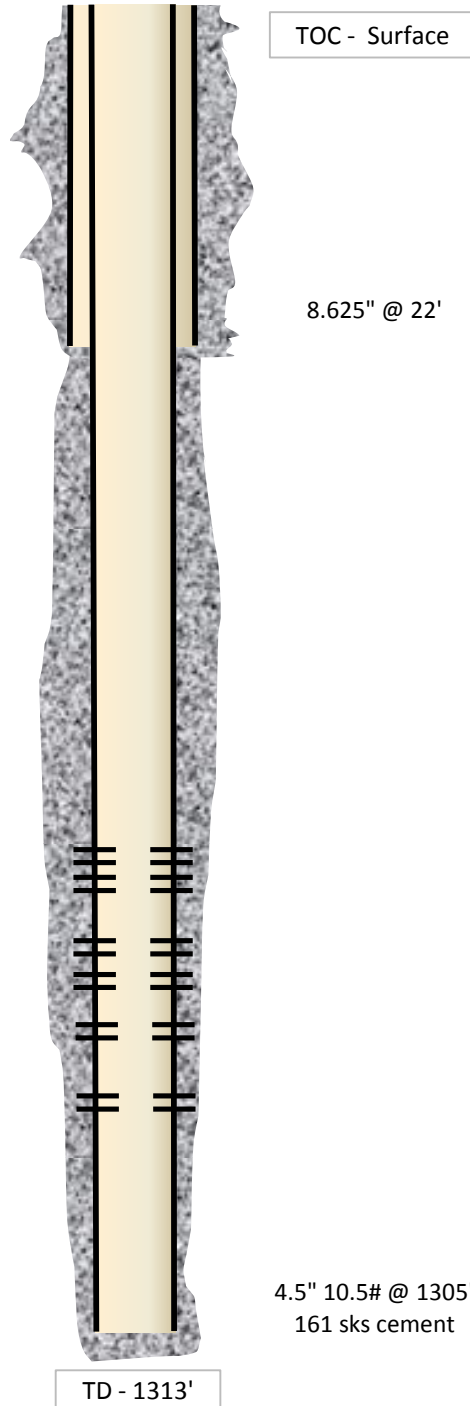
Calcite	N/A	N/A	N/A	N/A	N/A	N/A
Gypsum	N/A	N/A	N/A	N/A	N/A	N/A
Hemihydrate	N/A	N/A	N/A	N/A	N/A	N/A
Anhydrite	N/A	N/A	N/A	N/A	N/A	N/A
Barite	N/A	N/A	N/A	N/A	N/A	N/A
Celestite	N/A	N/A	N/A	N/A	N/A	N/A



## Wellbore Schematic

**WELL:** Varner, Roy E 29-2  
**SSI:** 615360  
**API:** 15-205-26742-00-00  
**LOCATION:** SE NE Secc. 29-27S-16E  
**COUNTY:** Wilson  
**STATE:** Kansas

Casing	8.625" @ 22' 4.5" 10.5# J-55, 4.05" ID w/ 0.0159 bbl/ft capacity @ 1305'
Perforations	Original Perfs: 7/5/2006 - Weir 1074-1077 (13) - Fleming 965-967 (9) - Croweburg 929-932 (13) - Bevier 913-915 (9) - Mulky 833-837 (17) - Summit 824-828 (17)
Completions	Spud Date: 6/14/2006 Completion date: 7/5/2006 Weir/Flem/Crowe/Bevier: - 16000# 20/40 - 400 gal 15% - 850 bbls - 14 bpm Mulky/Summit: - 13800# 20/40 - 400 gal 15% - 600 bbls - 14bpm





**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeth 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  19th  of

July  A.D.  2012 , with

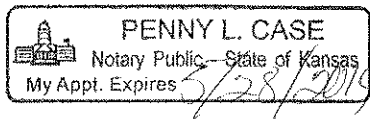
subsequent publications being made on the following dates:

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

19th day of July, 2012



*Penny L Case*

Notary Public Sedgwick County, Kansas

Printer's Fee :  \$132.40

**LEGAL PUBLICATION**

PUBLISHED IN THE WICHITA EAGLE
JULY 19, 2012 (3196748)

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
Commencing of Production in the
Varner, Roy E 29-2 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 Weir,
Fleming, Croweburg, Bevier, Mulky, Summit
and Squirrel producing formations at the
Varner, Roy E 29-2, located in the S2 SE NE,
S29-T27S-R16E, Approximately 2238 FNL &
664 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 19th day of July, 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: \$ 3927

(Signed) Joseph S. Relph

Subscribed and sworn to before me, this 20th day of

July, 2012

Rita M. Relph (Notary Public)

My commission expires Aug. 30, 2014

(Published in the Wilson County Citizen on Thursday, July 19, 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 Varner, Roy E 29-2 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 Weir, Fleming, Croweburg, Bevier, Mulky, Summit and Squirrel producing formations at the Varner, Roy E 29-2, located in the S2 SE NE, S29-T27S-R16E, Approximately 2238 FNL & 664 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
44 1 cpy.



**Affidavit of Notice Served**

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

Well Name: VARNER, ROY E 29-2 Legal Location: S2SENE S29-T27S-R16E

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)
DART CHEROKEE BASIN, LLC	600 DART RD., PO BOX 177, MASON, MI 48854
H & M PRODUCTION LLC	7230 W 162ND ST., STE A, STILWELL, KS 66085
SPARTAN OPERATING CO., LLC	915 NORTH WASHINGTON AVE, LANSING, MI 48906

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

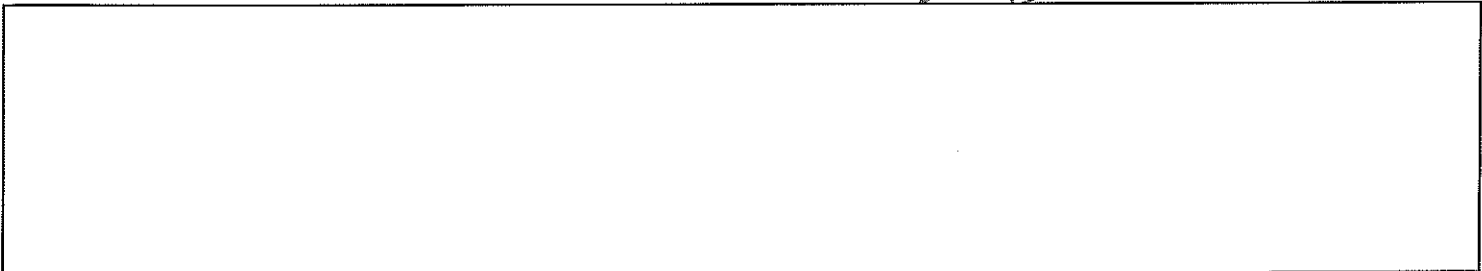
Jess L Morris  
Applicant or Duly Authorized Agent

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



[Redacted]

[Redacted]

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

Name:

Legal Description of Leasehold:

SEE ATTACHED

Multiple horizontal lines for text entry, currently empty.

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

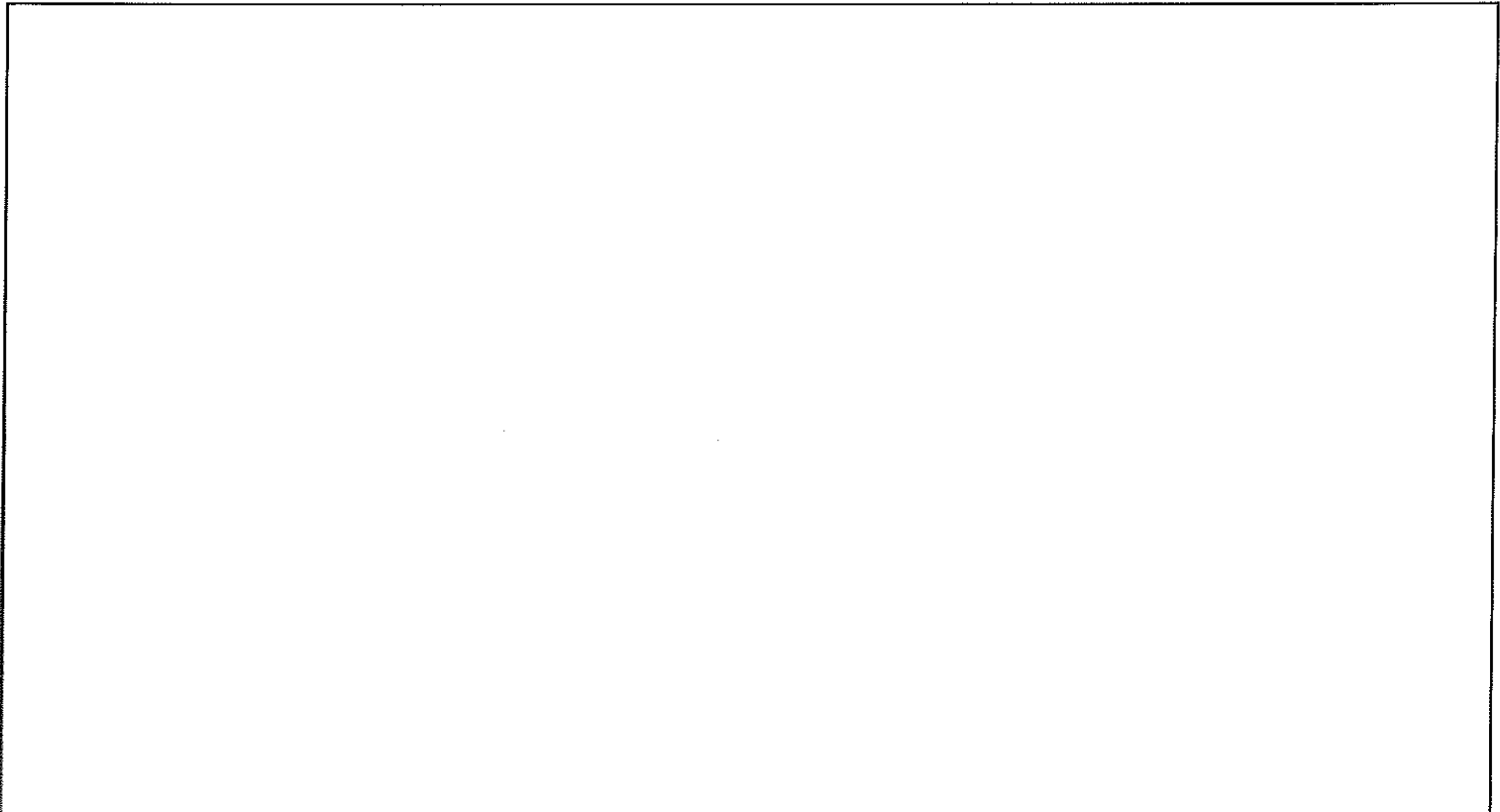
Jess L Morris  
Applicant or Duly Authorized Agent

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



**VARNER, ROY E 29-2**

**20,21,28,29-27S-16E**

*all unleased tracts*

Dart Cherokee Basin, LLC  
600 Dart Rd., P.O. Box 177  
Mason, MI 48854

H & M Productions, LLC  
7230 W. 162nd St., Ste. A  
Stilwell, KS 66085

Spartan Operating Co., LLC  
915 North Washington Ave.  
Lansing, MI 48906



August 29 , 2012

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

RE: Approved Commingling CO081214  
Varner, Roy E. 29-2, Sec.29-T27S-R16E, Wilson County  
API No. 15-205-26742-00-00

Dear Mr. Edwards:

Your Application for Commingling (ACO-4) for the above described well, received by the KCC on August 14, 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 Weir 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 CO081214 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