

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate-Haskell 4-4
Doc ID	1310065

Tops

Name	Top	Datum
Anhy	1922	+1086
B/Anhy	2002	+1006
Heebner	4148	-1140
Lansing	4232	-1224
Marmaton	4796	-1788
Cherokee	4942	-1934
Morrow	5238	-2230
Chester	5314	-2306
St.Gen	5417	-2445



CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 29118

PAGE 1 OF 1

SERVICE LOCATIONS: 1. Wesley KS WELL/PROJECT NO. 4-4 LEASE Obrate Haskell COUNTY/PARISH Haskell STATE KS CITY Garden City DATE 6 APR 16 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement deep surface pipe WELL PERMIT NO. WELL LOCATION 4-28-33
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	100	mi			5.00	500.00
576D		1			Pump Charge	1	ea			12.50	12.50
330		1			SWD cement	650	sk			15.75	10237.50
276		1			Floccle	150	lb			2.25	337.50
290		1			D-AIR	4	gal			42.00	168.00
409		1			TURBOLDER	8 3/8	in	3	ea	95.00	285.00
403		1			Cement Basket	8 3/8	in	1	ea	325.00	325.00
412		1			Baffle Plate	8 3/8	in	1	ea	110.00	110.00
410		1			5-wiper plug	8 3/8	in	1	ea	120.00	120.00
221		1			KL liquid			2	gal	25.00	50.00
581		1			Service charge	650	sk			1.50	975.00
583		1			Drayage	64650	lb	32325	TM	0.75	2424.38

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED: _____ TIME SIGNED: _____
 A.M.
 P.M.
1735

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				16782.38
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?				
<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
TOTAL				17593.19

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: ABE APPROVAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 6 APR 16 PAGE NO. 1

CUSTOMER: American Warrior WELL NO. 4-4 LEASE: O'bate Haskell JOB TYPE: cement deep surface TICKET NO. 29118

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								650sk SWD cement w/ 4# flocc, 8 3/8 casing 41 jts 24" 1744'
								TD = 1744' shoejt 42.18'
								Contractors 1, 5, 18 basket #17-1030'
	1520							on loc TRK 114
	1515							start 8 3/8 casing in well
	1715							circulate well
	1740	4	20				200	Pump 200bbl KCL flush
	1750	5 1/2	66				250	Mix SWD cement 150sk @ 11.8 ppq
		5 1/2	95				250	Mix SWD cement 250sk @ 12.5 ppq
		5 1/2	116				250	Mix SWD cement 150sk @ 13.5 ppq
		5 1/2	26				250	Mix SWD cement 100sk @ 14.5 ppq
			223 total					650sk total
	1836	6					250	Release plug Displace plug
								cement to surface
	1900	6	100				400	layd plug shut in 8 3/8 cellar standing full
		4 1/2	108				800	
	1910							wash truck
								Rack up
	1935							job complete
								Thanks Fred, Blaine, JOHN & PROSTON



CHARGE TO: **AMERICAN WARRIOR**

ADDRESS:

CITY, STATE, ZIP CODE:

TICKET 29278

PAGE 1 OF 2

1. SERVICE LOCATION: **NESS CITY, KS** WELL/PROJECT NO.: **8-4** LEASE: **OBRATE-HASKELL** COUNTY/PARISH: **HASKELL** STATE: **KS** CITY: **GARDEN CITY, KS** DATE: **11 APRIL 6** OWNER:

2. TICKET TYPE: SERVICE SALES CONTRACTOR: **DUKE DRILLING RIG #1** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:

3. WELL TYPE: **OIL/GAS** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **5 1/2 LONGSTRING** WELL PERMIT NO.: WELL LOCATION: **22S, 32W, S410**

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	100	mi			5.00	500.00
578					PUMP CHARGE	1	JOB			1250.00	1250.00
403					CEMENT BASKETS	2	EA			250.00	500.00
404					PORT COLLAR	1	EA			2500.00	2500.00
406					LATCH DOWN PLUG & RAFFLE	1	EA			225.00	225.00
407					INSERT FLOAT SHADE W/FILL	1	EA			300.00	300.00
409					TURBOLIZERS	10	EA			75.00	750.00
221					KCL	2	gal			25.00	50.00
281					MUD FLUSH	500	gal			1.25	625.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *Mike Raftoy*

DATE SIGNED: **11 APR 16** TIME SIGNED: **0800** A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6700.00
WE UNDERSTOOD AND MET YOUR NEEDS?				4861.25
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				11561.25
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Haskell TAX CO. 7.0% 6959
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL 12180.84
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 29278

CUSTOMER AMERICAN WARRIOR WELLS OBRATE-HASKELL 8-4 DATE 11 APR 16 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF			QTY	U/M	QTY	U/M				
276						FLUCELE	50	lbs			2.25	112	50	
279						GEL	3	5x			25.00	75	00	
283						SALT	1600	lbs			2.00	320	00	
285						CFR	100	lbs			4.50	450	00	
286						HALAD-1	100	lbs			8.00	800	00	
325						STANDARD CEMENT	175	5x			12.25	2143	75	
581						SERVICE CHARGE					1.50	262	50	
583						MILEAGE CHARGE	18600	TOTAL WEIGHT	100	LOADED MILES	930.0	75	697	50

CONTINUATION TOTAL 4861.25

JOB LOG

SWIFT Services, Inc.

DATE: 1 APR 1966 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. 8-4 LEASE OBRATE-HASKELL JOB TYPE 5 1/2 LONG STRING TICKET NO. 29278

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0115							ON LOCATION
	0315							START PIPE 5 1/2 - 15.5 # RTDC @ 5650 CENTRALIZERS 1, 2, 4, 6, 8, 10, 12, 14, 16, 64 BASKETS 7, 65 PORT COLLAR # 65 @ 2903
	0600							DROP BALL - CIRCULATE
	0640	6	12				300	Pump 500 gal MUD FLUSH
		6	20				300	Pump 20 Bbl KCL SPACER
	0646		7.5					MIX PLUG RH-30sx - MH-20sx
	0651	4	30					MIX 125sx STANDARD
	0704							WASH OUT Pump & LINES
	0706	8						START DISPLACING PLUG
	0725	Ø	134				1500	PLUG DOWN - LATCH PLUG IN.
	0727							RELEASE PSI - DRY
	0730							WASH TRUCK
	0800							JOB COMPLETE. THANKS #115 JASON DAVE PRESTON



CHARGE TO: **AMERICAN WARRIOR**

ADDRESS

CITY, STATE, ZIP CODE

TICKET 29287

PAGE 1 OF

SERVICE LOCATIONS: **NESS CITY, KS.**

WELL/PROJECT NO. **8-4** LEASE **OBRATE-HASKELL** COUNTY/PARISH **HASKELL** STATE **KS** CITY **GARDEN CITY, KS** DATE **10 May 16** OWNER

TICKET TYPE SERVICE SALES CONTRACTOR **CO. R16** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.

WELL TYPE **OIL/GAS** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **CEMENT PORT COLLAR** WELL PERMIT NO. WELL LOCATION **STO CO. LINE, STO 70 RD, 2 1/2 W, SINTO**

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE #115	110	mi	5	00	550 00
576D					Pump CHARGE			1250	00	1250 00
105					PORT COLLAR OPENING TOOL			275	00	275 00
276					FLDCELE	40	lbs.	2	25	90 00
290					D-AIR	12	gal	42	00	63 00
330					SMD CEMENT	150	SX	15	75	2362 50
581					CEMENT SERVICE CHARGE	150	SX	1	50	225 00
583					DRAPAGE	14990	lbs	824.45	TM	618 39

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
DATE SIGNED **10 May 16** TIME SIGNED **1200** A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	5433
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	5029.18

Haskell County 70%

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 10 MAY 16 PAGE NO.

CUSTOMER: AMERICAN WARRIOR

WELL NO. 8-4

LEASE: OBRATE HASKELL

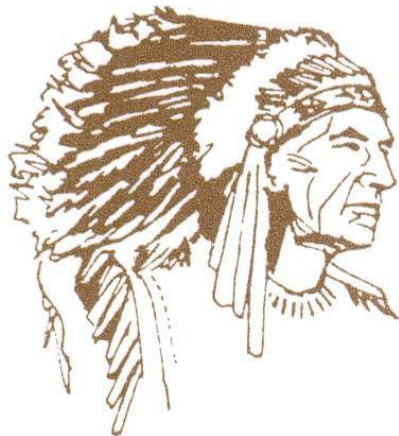
JOB TYPE: CEMENT PORT COLLAR

TICKET NO. 29287

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0755							ON LOCATION
								PORT COLLAR @ 2876
	1020						1000	TEST - HELD
	1030							OPEN PORT COLLAR
	1033	4	27 1/2				800	MIX 50 SX @ 11.2 pp6
		4	15 1/2				600	50 SX @ 13.5 pp6
		4	10 1/2				500	50 SX @ 14.5 pp6
		3	10					DISPLACE CEMENT
	1056						1000	CLOSE PORT COLLAR - TEST - HELD
	1201							RUN 4 JTS.
	1206	4	25				400	REVERSE CLEAN
	1120							WASH TRUCK
	1145							JOB COMPLETE.
								THANKS # 115
								JASON DAVE PRESTON

Geological Report

American Warrior, Inc.
O'Brate-Haskell #4-4
355' FNL & 2312' FWL
Sec 4, T28s, R33w
Haskell County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Haskell #4-4
355' FNL & 2312' FWL
Sec. 4, T28s, R33w
Haskell County, Kansas
API # 15-081-22140-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Luke Thompson

Spud Date: April 5, 2016

Completion Date: April 10, 2016

Elevation 2996' G.L.
3008' K.B.

Directions: From the west side of Sublette, KS at the intersection of Hwy 83 & Hwy 56 go 12 miles north on Hwy 83. At the intersection of Hwy 83 and Rd. 70 go west 3.7 on Rd 70. South into.

Casing: 1744' 8 5/8" #24 Surface Casing
5638' 5 1/2" #15.5 Production Casing

Samples: 4100' to RTD 10' Wet & Dry

Drilling Time: 4000' to RTD

Electric Logs: Pioneer Energy Services "T. Martin"
Stack Micro

Drillstem Tests: No tests

Problems: Pulled tight through Morrow

Formation Tops
O'Brate-Haskell #4-4
Sec. 4, T28s, R33w
355' FNL & 2312' FWL

Anhydrite	1922' +1086
Base	2002' +1006
Heebner	4148' -1140
Lansing	4232' -1224
Marmaton	4796' -1788
Cherokee	4942' -1934
Morrow	5238' -2230
Chester	5314' -2306
St. Gen	5417' -2445
RTD	5650' -2642
LTD	5651' -2643

Structural Comparison

	American Warrior, Inc. O'Brate-Haskell #4-4 Sec. 4, T28s, R33w 355' FNL & 2312' FWL		American Warrior, Inc. O'Brate #1-4 Sec. 4, T28s, R33w 553' FNL & 927' FWL		EOG Resources O'Brate 33 #1 Sec. 33, T27s, R33w 575' FSL & 1910' FWL
Formation					
Heebner	4148' -1140	-8	4140' -1132	-6	4132' -1134
Lansing	4232' -1224	-7	4225' -1217	-4	4218' -1220
Marmaton	4796' -1788	-10	4786' -1778	-11	4775' -1777
Cherokee	4942' -1934	-12	4930' -1922	-10	4922' -1924
Morrow	5238' -2230	-18	5220' -2212	-18	5210' -2212
Chester	5314' -2306	+12	5330' -2322	+71	5375' -2377
St. Gen	5417' -2445	-54	5399' -2391	+43	5486' -2488

Summary

The location for the O'Brate-Haskell #4-4 well was found via 3-D seismic survey. The new well ran structurally as expected. No drill stem tests were conducted. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the O'Brate-Haskell #4-4 well.

Perforations:

Primary:	Chester	(5316' – 5324')
Gas:	Winfield	(2858' – 2862')
	Winfield	(2816' – 2825')
	Herrington	(2758' – 2762')
	Herrington	(2742' – 2752')

Respectfully Submitted,

Lukas Thompson