

Kansas Corporation Commission Oil & Gas Conservation Division

1095283

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or 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 II III Approved by: Date:

Side Two



Operator Name: _ Lease Name: _ _ Well #: _ County: _ INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Mong Benno 2
Doc ID	1095283

Tops

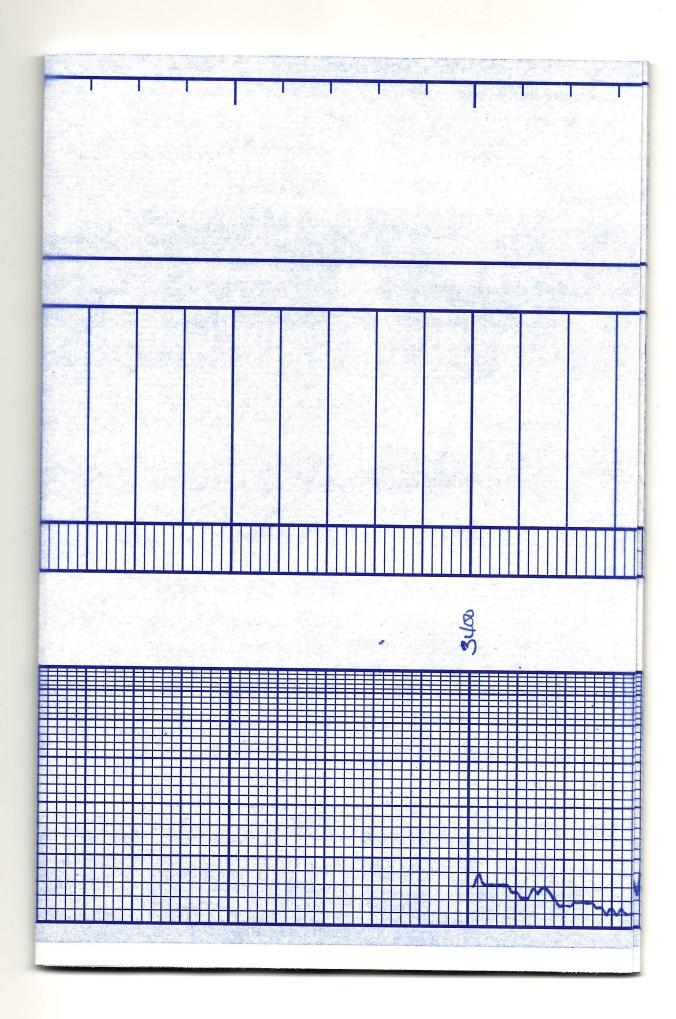
Name	Тор	Datum	
Anhydrite	1793	548	
Base	1836	505	
Heebner	3693	1357	
Toronto	3711	1370	
LKC	3725	1385	
ВКС	3974	1633	
Marmaton	4078	1737	
Cherokee Shale	4128	1787	
Cherokee Sand	4171	1830	
Cong Sand	4183	1842	
Mississippi	4200	1859	

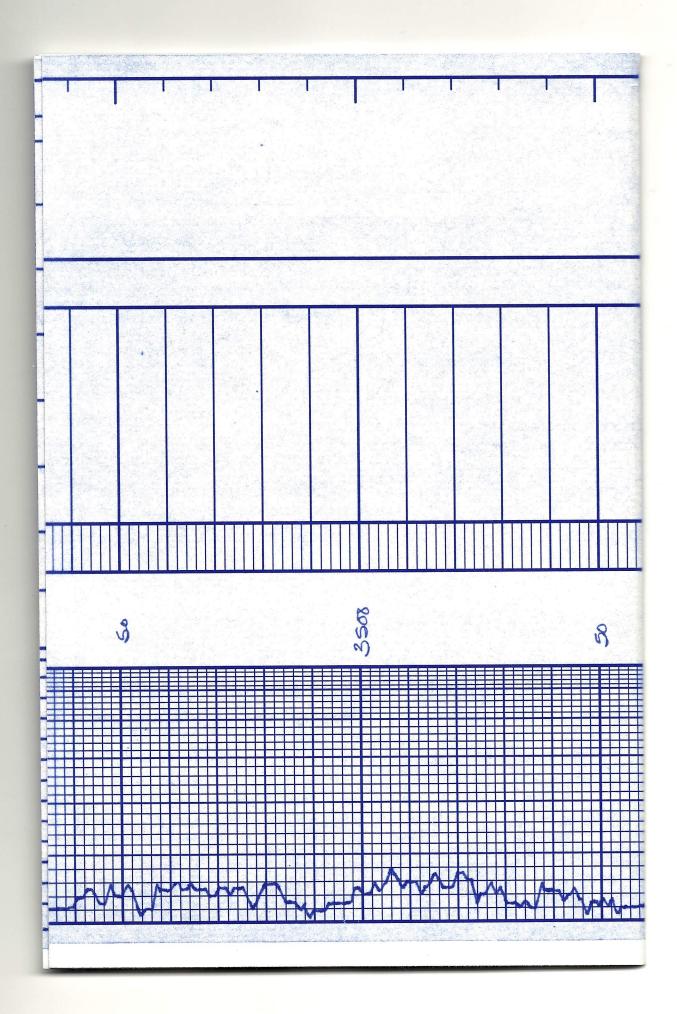
Mark Downing Consulting 1411 Washington Circle Hays, KS 67601

GEOLOGIC REPORT LOG

Phone: (785)621-2286		Cell: (620)428-1356				
COMPANY STARB OIL CO.						
WELL MONG-RENNO # 2			+7			
FIELD						
LOCATION JOID FE E 2550 'A	All controls	PRODUCTIO	N DEA			
		ELEVATION				
SEC. 27 TWP. 135	RGE.ZZW		DF_			
COUNTY			GL_a	336		
STATE VANSAS		Drilling Measured				
		Samples Saved From Drilling Time From				
OPERATOR STARB OU CO.		Samples Examined F				
CONTRACTOR Shiele Anus	Law Tell A	Geological Supervi				
COMM: 7-30-/Z COMP: COMP: CASING RECORD		Wellsite Geologist				
		Electrical Surveye				
SURF: 8% 217 PROD:	vaus		-NEWTRO			
TOTAL DEPTH DRILLERS: 4285	X					
TOTAL DEPTH LOG		A CONTRACTOR				
FORMATION T	OPS AND STR	NUCTURAL PO	SITION			
FORMATION	SAMPLE	ELECTRIC LO	G SUB-SEA	STRUCTURAL		
THE ANHARITE.	24	1793		-4		
BASE ANNUARITE		1836	+505	74		
HEERNER	3691	3693	-1352	FL		
TORMSTD.	3704	3711	-1370	-7		
LKC	3125	3726	-1385	-2		
MARWETON	3474	3974	-1433	-4		
CHERONGE SHALL	4676	4078	-1737 ~1787	-3		
CHECOKEE SOM	4170	นเวเ	-1830	-3		
CONG. SAND	4192	4185	-1942	-7		
ML545(PP)	Hano	4200	-1859	» MA		
REFERENCE WELL FOR STR	UCTURE 5744	BOLIS MONE	BENNO &	10		
500 FS & 2130 F				Marie Port Barrier Land		

EMPRIS AND RECOMMENDATIONS BASES ON STRUCTURE \$057\$1 IT WAS DECIDED BY AN CONCERNED Parties To Princip Arrandon	0.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHI-FHH	RECOVERY
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DRILL STEM TEST REPORT

Staab Oil Co.

1607 Hopewell Rd. Hays, KS 67601

ATTN: Ron Nelson

27-13s-22w Trego,KS

Mong Benno #2

Job Ticket: 49282

DST#: 1

Test Start: 2012.08.05 @ 22:10:15

GENERAL INFORMATION:

Formation:

Cherokee Sand

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 00:42:15 Time Test Ended: 05:52:45

Interval:

4110.00 ft (KB) To 4182.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

Start Date:

Start Time:

4182.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester:

Brian Fairbank

Unit No:

Reference Elevations:

2340.00 ft (KB)

2335.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6752

Inside

Press@RunDepth:

323.73 psig @ 2012.08.05

22:10:16

4113.00 ft (KB)

End Date: End Time:

2012.08.06 05:52:45

Capacity: Last Calib .: 8000.00 psig

Time On Btm:

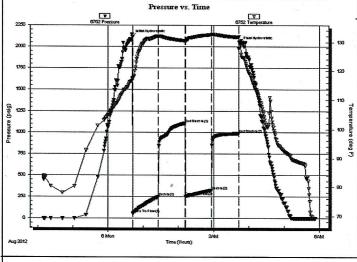
2012.08.06

Time Off Btm:

2012.08.06 @ 00:41:15 2012.08.06 @ 03:44:45

TEST COMMENT: IFP-BOB 15 min

ISI - no blow back FFP - BOB 25 min FSI - no blow back



	× ×	PRESSURE SUMMARY					
	Time	Pressure	Temp	Annotation			
6	(Min.)	(psig)	(deg F)				
	0	2116.79	117.19	Initial Hydro-static			
6	1	55.97	117.39	Open To Flow (1)			
	45	251.33	131.92	Shut-In(1)			
۰ ٦	90	1108.20	130.45	End Shut-In(1)			
empe	91	254.02	130.15	Open To Flow (2)			
rature	135	323.73	132.57	Shut-In(2)			
Temperature (deg F	181	989.81	131.71	End Shut-In(2)			
3	184	2035.08	129.31	Final Hydro-static			
				*			
			8				
				w _g			
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	17						

Recovery

Length (ft) Description 375.00 SOCMW 5%O, 70%W, 25%M 60.00 SOCWM 5%O, 45%W, 50%M	
	Volume (bbl)
60.00 SOCWM 5%O, 45%W, 50%M	1.84
	0.30
170.00 VSO & WCM 3%O, 7%W, 90%M	2.38
4) × 2	- 12
2	100
	a

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
 30		12

Trilobite Testing, Inc

Ref. No: 49282

Printed: 2012.08.09 @ 15:21:33

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 996

Finish State On Location County Sec. Twp. Range Date Well No. Location Lease Owner Contractor To Quality Oilwell Cementing, Inc. Type Job You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. T.D. Hole Size Charge Depth Csg. Depth Tbg. Size Street Depth City State Tool The above was done to satisfaction and supervision of owner agent or contractor Shoe Joint Cement Left in Csg. // Cement Amount Ordered Displace Meas Line EQUIPMENT Cementer No. Pumptrk C Common Helper Driver No. Poz. Mix Bulktrk Driver Driver No. Gel: Bulktrk Driver JOB SERVICES & REMARKS Calcium Hulls Remarks: Salt Rat Hole Flowseal Mouse Hole Kol-Seal Centralizers Mud CLR 48 Baskets CFL-117 or CD110 CAF 38 D/V or Port Collar Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount X Signature Total Charge

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

Vo. 771

Finish Sec. Twp. Range County State On Location Date Lease Well No. Owner Contractor To Quality Oilwell Cementing, Inc. Type Job You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. T.D. 🕹 Hole Size Depth Csg. Depth Tbg. Size Street Depth City State Tool The above was done to satisfaction and supervision of owner agent or contracto Shoe Joint Cement Left in Csg. Displace Cement Amount Ordered Meas Line EQUIPMENT Cementer Common Pumptrk Helper Driver Bulktrk Poz. Mix Driver 1 Driver Gel. Bulktrk Driver **JOB SERVICES & REMARKS** Calcium Remarks: Hulls Salt Rat Hole Flowseal Mouse Hole | Centralizers Kol-Seal Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount X Signature Total Charge