



KANSAS CORPORATION COMMISSION 1095283  
OIL & GAS CONSERVATION DIVISION

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 # 6037  
Name: Staab Oil Co., a General Partnership  
Address 1: 1607 HOPEWELL RD  
Address 2: \_\_\_\_\_  
City: HAYS State: KS Zip: 67601 + 9443  
Contact Person: Francis C. Staab  
Phone: ( 785 ) 625-5013  
CONTRACTOR: License # 5184  
Name: Shields Oil Producers Inc.  
Wellsite Geologist: Alan Downing  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 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 ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
07/30/2012    07/30/2012    07/30/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-195-22798-00-00  
Spot Description: \_\_\_\_\_  
NE NE SE SW Sec. 27 Twp. 13 S. R. 22  East  West  
1010 Feet from  North /  South Line of Section  
2550 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Trego  
Lease Name: Mong Benno Well #: 2  
Field Name: \_\_\_\_\_  
Producing Formation: none  
Elevation: Ground: 2337 Kelly Bushing: 2342  
Total Depth: 4285 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 217 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: 40000 ppm Fluid volume: 800 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: Blackhawk Production  
Lease Name: Brull License #: 32504  
Quarter NW Sec. 30 Twp. 14 S. R. 18  East  West  
County: Trego Permit #: D26-232

**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: NAOMI JAMES Date: 10/02/2012



1095283

Operator Name: Staab Oil Co., a General Partnership Lease Name: Mong Benno Well #: 2  
 Sec. 27 Twp. 13 S. R. 22  East  West County: Trego

**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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:  Dual Induction Density Neutron			

CASING RECORD <input checked="" 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	8.625	8.625	20	217	common	150	3%cc 2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Mong Benno 2
Doc ID	1095283

Tops

Name	Top	Datum
Anhydrite	1793	548
Base	1836	505
Heebner	3693	1357
Toronto	3711	1370
LKC	3725	1385
BKC	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

Phone: (785)621-2286

Cell: (620)428-1356

GEOLOGIC  
REPORT  
LOG

COMPANY STARR OIL CO

WELL MORG-BEARD #2

FIELD \_\_\_\_\_

LOCATION 1010' ESE E 350' ENE

SEC: 27 TWP: 13S RGE: 22W

COUNTY: TREGO

STATE: KANSAS

OPERATOR STARR OIL CO

CONTRACTOR Shells Drilling

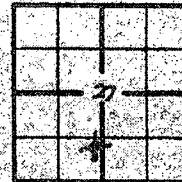
COMM: 7-30-12 COMP: 8-04-12

### CASING RECORD

SURF: 8 1/2" @ 217' PROD: NONE

TOTAL DEPTH DRILLERS: 4255'

TOTAL DEPTH LOG: 4255'



PRODUCTION N/A

ELEVATION KB 2341'

DF \_\_\_\_\_

GL 2336'

Drilling Measured From: KB

Samples Saved From 3650' To: TD

Drilling Time From 3400' To: TD

Samples Examined From: 3650' To: TD

Geological Supervision From 3650' To Total Depth

Wellsite Geologist: Mark Downing, Ron Nelson

Electrical Surveys: PIONEER

DUAL INDUCTION

DENSITY-NEUTRON

### FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
TOP ANHYDRITE		1793	+548	-4
BASE ANHYDRITE		1836	+565	-4
HEAVY	3691	3693	-1357	F1
TORRIDO	3709	3711	-1370	-2
LKC	3725	3726	-1385	-2
ABC	3674	3674	-1633	-4
ALBERTON	4076	4076	-1737	-2
CHEROKEE SHALE	4125	4125	-1787	-3
CHEROKEE SAND	4170	4171	-1830	-3
CONG SAND	4192	4195	-1842	-7
MUSKIE (P)	4200	4200	-1859	NA

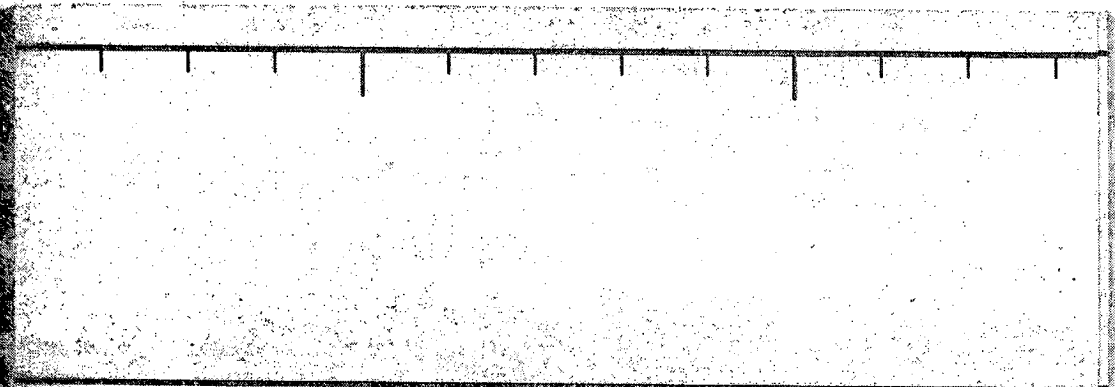
REFERENCE WELL FOR STRUCTURE STARR OIL'S MORG-BEARD #1 @  
500' ESE E 2130' ENE 27-13-22

## DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IPH-TIME	RECOVERY

REMARKS AND RECOMMENDATIONS BASED ON STRUCTURE LOGS, IT WAS DECIDED  
BY ALL CONCERNED PARTIES TO PING-ARAWAY.

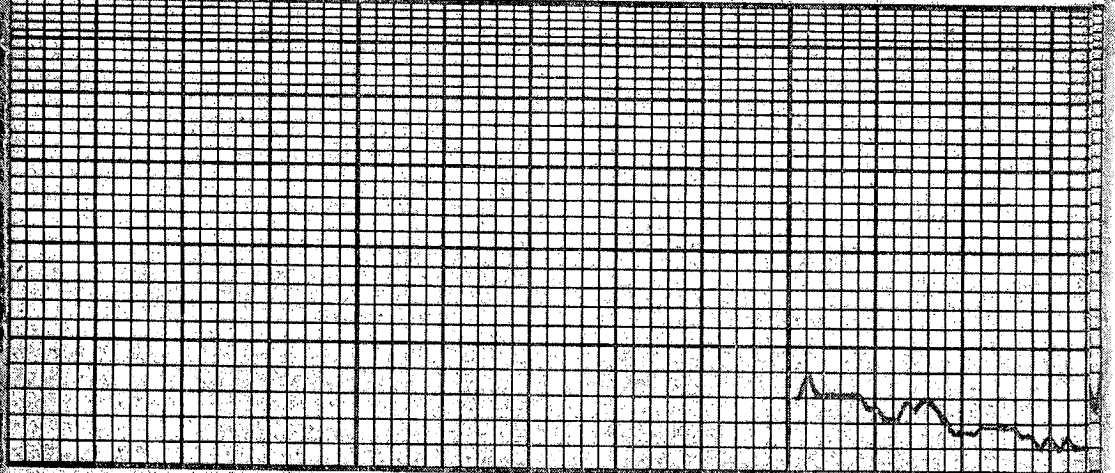
*Ron Nelson*

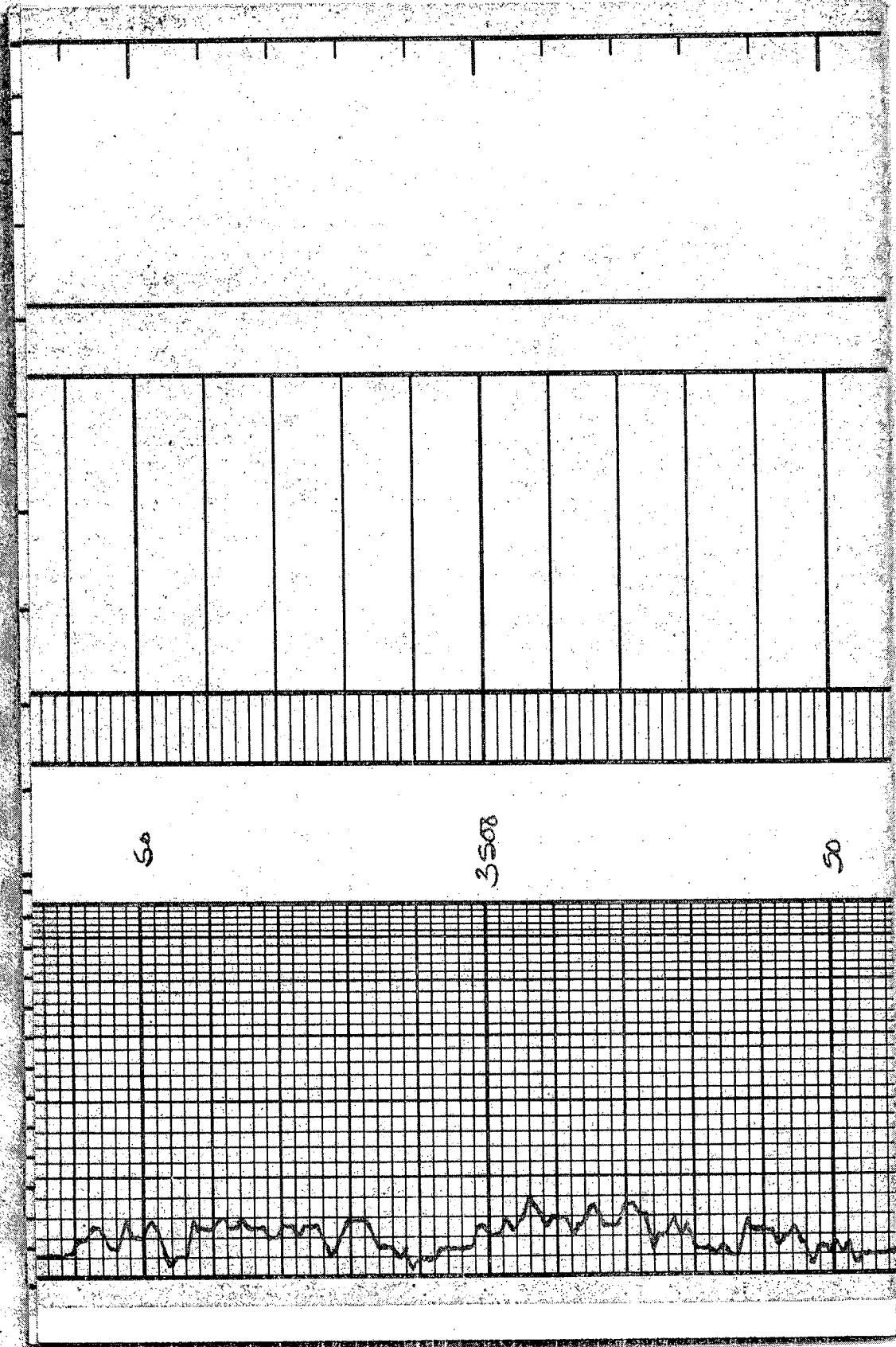


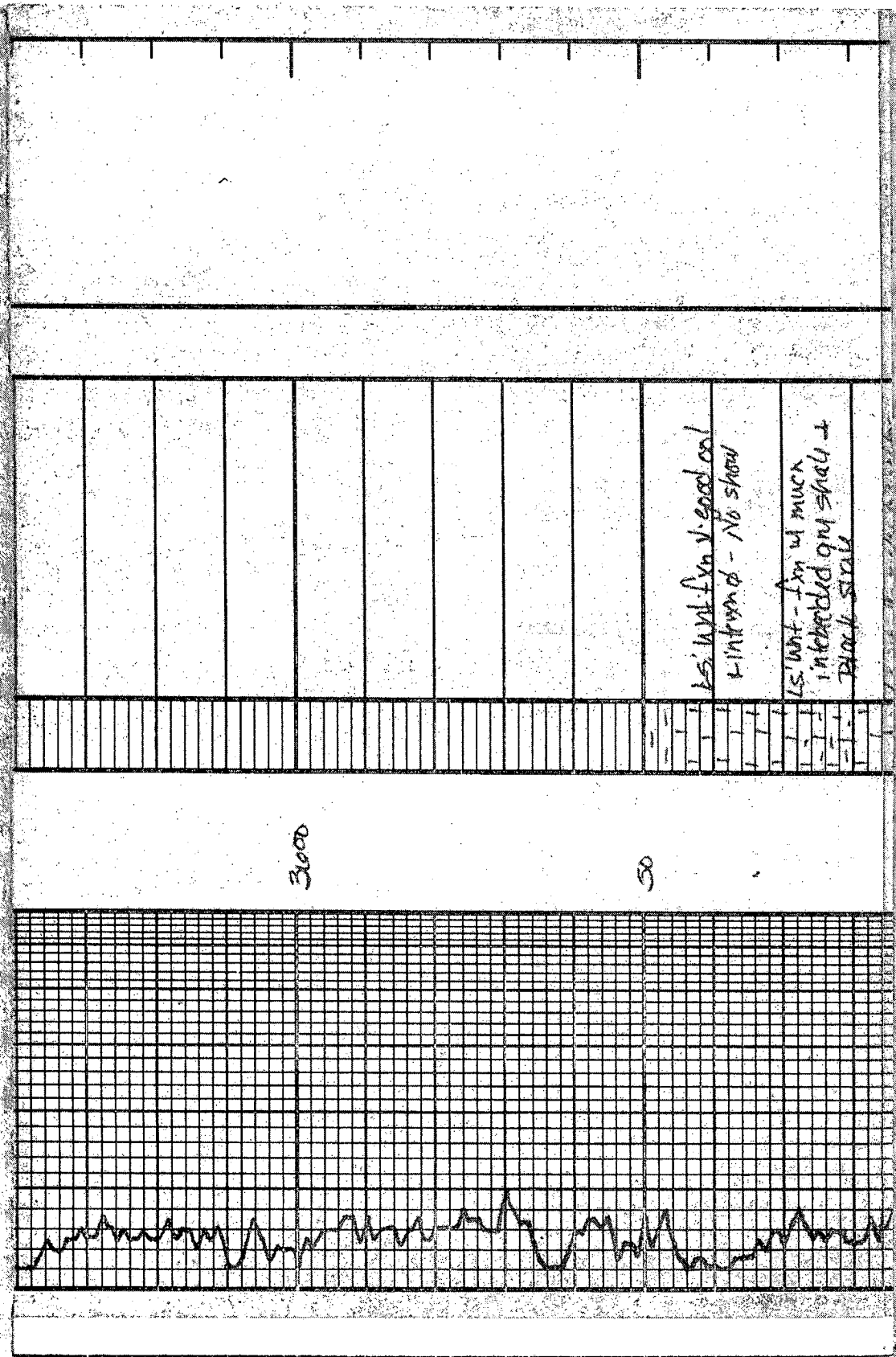
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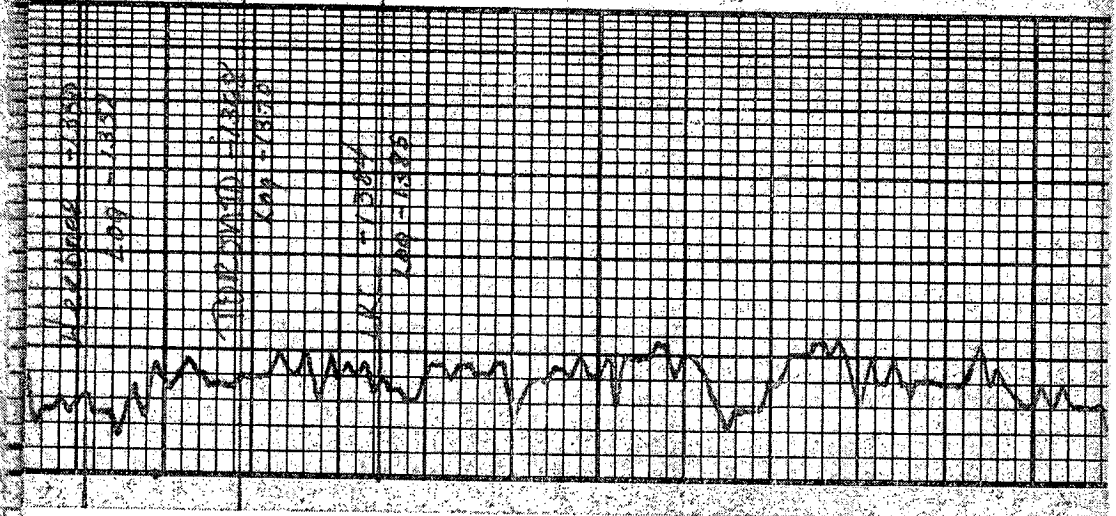
3400









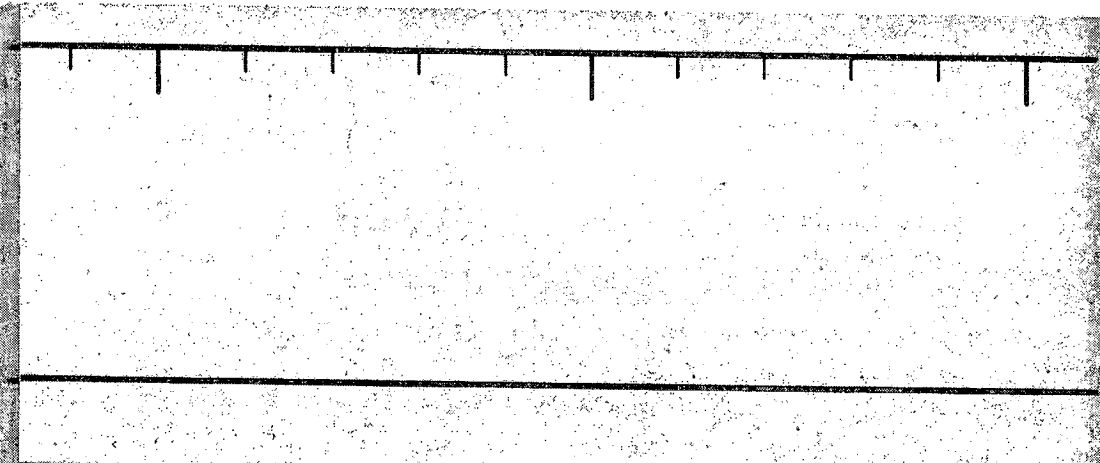


3700

50

3800

LS: WNT Fm v Am all v dse	LS: WNT Fm v Am all v dse
sh: Black carb	sh: Black carb
LS: WNT Fm v Am v dse	LS: WNT Fm v Am v dse
sh: d. n. g. r. e.	sh: d. n. g. r. e.
LS: WNT F- v Am all v dse	LS: WNT F- v Am all v dse
WNT F- v Am all v dse	WNT F- v Am all v dse
ACK: d. n. g. r. e.	ACK: d. n. g. r. e.
sh: d. n. g. r. e.	sh: d. n. g. r. e.
LS: Bow WNT, Slt. d. n. g. r. e.	LS: Bow WNT, Slt. d. n. g. r. e.
WNT, Slt. d. n. g. r. e.	WNT, Slt. d. n. g. r. e.
ACK: - No snow	ACK: - No snow
sh: d. n. g. r. e.	sh: d. n. g. r. e.
LS: WNT Fm v Am all v dse	LS: WNT Fm v Am all v dse
WNT Fm v Am all v dse	WNT Fm v Am all v dse
sh: d. n. g. r. e.	sh: d. n. g. r. e.
LS: Tan Am in loks	LS: Tan Am in loks
AM: d. n. g. r. e.	AM: d. n. g. r. e.
LS: WNT Fm v Am all v dse	LS: WNT Fm v Am all v dse



LS: Wnt Am V good col of w/ls  
small type 526 - V. Am. col  
small Lt. Br. str.

LS: Wnt Am spot col d  
No str. No color

LS: Wnt D-V. Am V. DSE. W  
small wnt - Tan str  
w/ls

Sm. V. dark am - Black

LS: Wnt Lt. Tan Gr  
Wnt str. str. No color  
mostly all fine

LS: Tan Gr - mix w/ str. intermed  
w/ str. str. some total Br. w/ls  
Tan str. V. dark color  
only in 70.

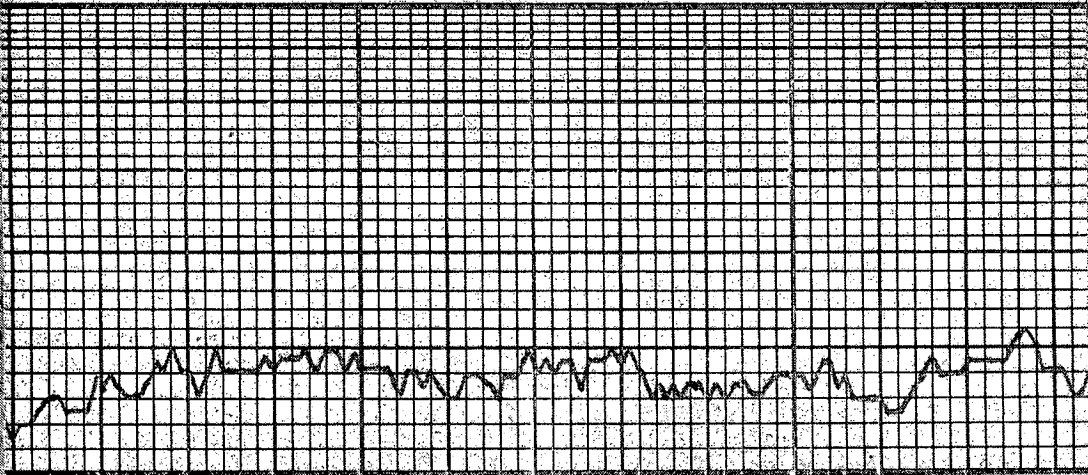
Dk gray str

LS: Tan Gr - and w/ls  
Am w/ls - most d. str. barren  
w/ls  
w/ls per str. col

SA V. dk gray

50

3900

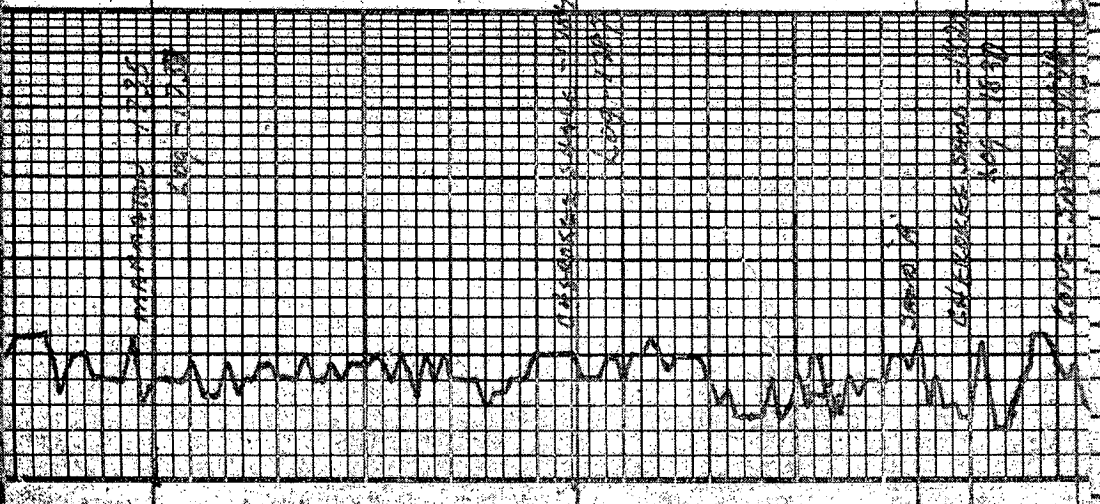




ID	Description	DST #	Notes
1	Bangor drayish		
2	no address		
3	at		
4	cht w/4 amperes box		
5	375.50cm		
6	Bernon LS		
7	only all ch		
8	MS		
9	3A ALL CARG		
10	DRY		
11	DI AL CARGS DRG		
12	DRS from - 04 15 VPP		
13	MS		
14	Shidupay, les		
15	Shidupay, les		
16	375.50cm		
17	375.50cm		
18	590 o/c, 70% w, 1570 m		
19	1500 - 1600		
20	1500 - 1600		
21	1500 - 1600		
22	1500 - 1600		
23	1500 - 1600		
24	1500 - 1600		
25	1500 - 1600		
26	1500 - 1600		
27	1500 - 1600		
28	1500 - 1600		
29	1500 - 1600		
30	1500 - 1600		
31	1500 - 1600		
32	1500 - 1600		
33	1500 - 1600		
34	1500 - 1600		
35	1500 - 1600		
36	1500 - 1600		
37	1500 - 1600		
38	1500 - 1600		
39	1500 - 1600		
40	1500 - 1600		
41	1500 - 1600		
42	1500 - 1600		
43	1500 - 1600		
44	1500 - 1600		
45	1500 - 1600		
46	1500 - 1600		
47	1500 - 1600		
48	1500 - 1600		
49	1500 - 1600		
50	1500 - 1600		

DST #1  
 4110-4182  
 45° 45' 45" - 45"  
 12° of 800 15"  
 no S.I. Blow  
 2nd of 800 25"  
 no S.I. Blow  
 IFP 56.251  
 FFP 254-324  
 SR 108-990  
 HP 2117-2035  
 AL 170° 1500cm  
 3% oil, 79% w, 90% m  
 60° 500cm  
 590 o/c, 45% w, 50% m  
 375.50cm  
 590 o/c, 70% w, 1570 m  
 BHT 1320

D S T # 1



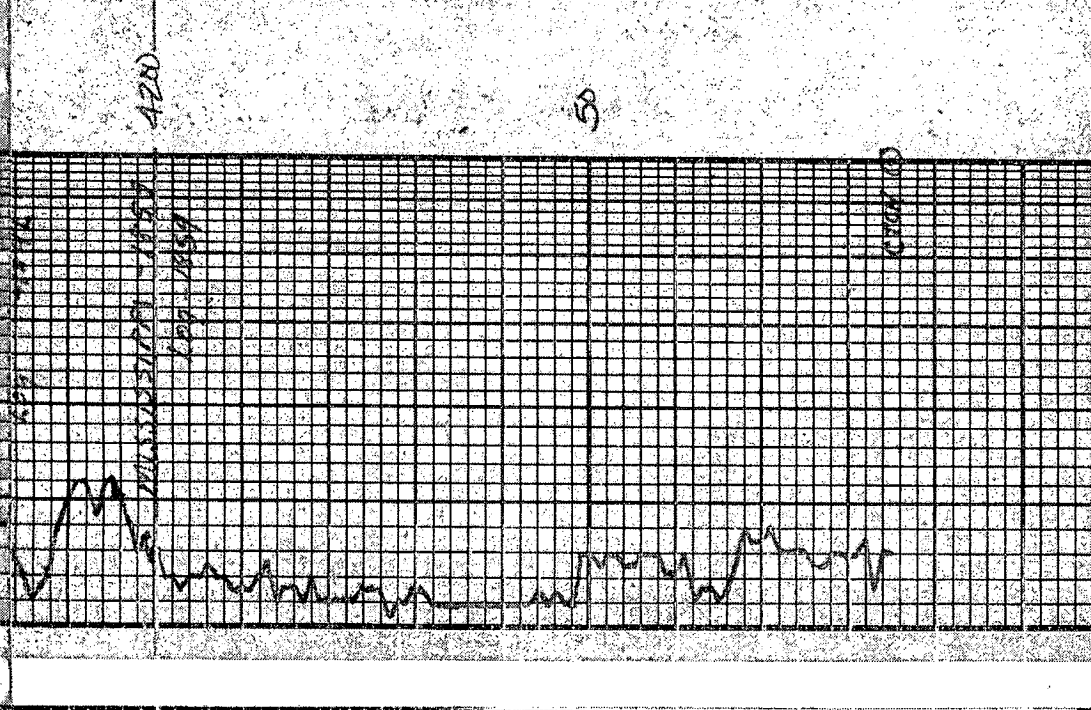
1500 - 1600

1500 - 1600

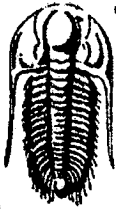
1500 - 1600

CFS

	at the time of 1000
	SS 150,000, 200,000, 300,000, 400,000, 500,000, 600,000, 700,000, 800,000, 900,000, 1,000,000
0.00	Abolition of the 5th
0.00	1st wk. Am. Soc.
0.00	2nd wk. Am. Soc.
0.00	3rd wk. Am. Soc.
0.00	4th wk. Am. Soc.
0.00	5th wk. Am. Soc.
0.00	6th wk. Am. Soc.
0.00	7th wk. Am. Soc.
0.00	8th wk. Am. Soc.
0.00	9th wk. Am. Soc.
0.00	10th wk. Am. Soc.
0.00	11th wk. Am. Soc.
0.00	12th wk. Am. Soc.
0.00	13th wk. Am. Soc.
0.00	14th wk. Am. Soc.
0.00	15th wk. Am. Soc.
0.00	16th wk. Am. Soc.
0.00	17th wk. Am. Soc.
0.00	18th wk. Am. Soc.
0.00	19th wk. Am. Soc.
0.00	20th wk. Am. Soc.
0.00	21st wk. Am. Soc.
0.00	22nd wk. Am. Soc.
0.00	23rd wk. Am. Soc.
0.00	24th wk. Am. Soc.
0.00	25th wk. Am. Soc.
0.00	26th wk. Am. Soc.
0.00	27th wk. Am. Soc.
0.00	28th wk. Am. Soc.
0.00	29th wk. Am. Soc.
0.00	30th wk. Am. Soc.
0.00	31st wk. Am. Soc.
0.00	32nd wk. Am. Soc.
0.00	33rd wk. Am. Soc.
0.00	34th wk. Am. Soc.
0.00	35th wk. Am. Soc.
0.00	36th wk. Am. Soc.
0.00	37th wk. Am. Soc.
0.00	38th wk. Am. Soc.
0.00	39th wk. Am. Soc.
0.00	40th wk. Am. Soc.
0.00	41st wk. Am. Soc.
0.00	42nd wk. Am. Soc.
0.00	43rd wk. Am. Soc.
0.00	44th wk. Am. Soc.
0.00	45th wk. Am. Soc.
0.00	46th wk. Am. Soc.
0.00	47th wk. Am. Soc.
0.00	48th wk. Am. Soc.
0.00	49th wk. Am. Soc.
0.00	50th wk. Am. Soc.
0.00	51st wk. Am. Soc.
0.00	52nd wk. Am. Soc.



Am. Soc.



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Staab Oil Co.

27-13s-22w Trego, KS

1607 Hopewell Rd.  
Hays, KS 67601

**Mong Benno #2**

Job Ticket: 49282

DST#: 1

ATTN: Ron Nelson

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

Test Type: Conventional Bottom Hole (Initial)

Tester: Brian Fairbank

Unit No: 41

Interval: **4110.00 ft (KB) To 4182.00 ft (KB) (TVD)**

Reference Elevations: 2340.00 ft (KB)

Total Depth: 4182.00 ft (KB) (TVD)

2335.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6752**

Inside

Press@RunDepth: 323.73 psig @ 4113.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.05

End Date:

2012.08.06

Last Calib.:

2012.08.06

Start Time: 22:10:16

End Time:

05:52:45

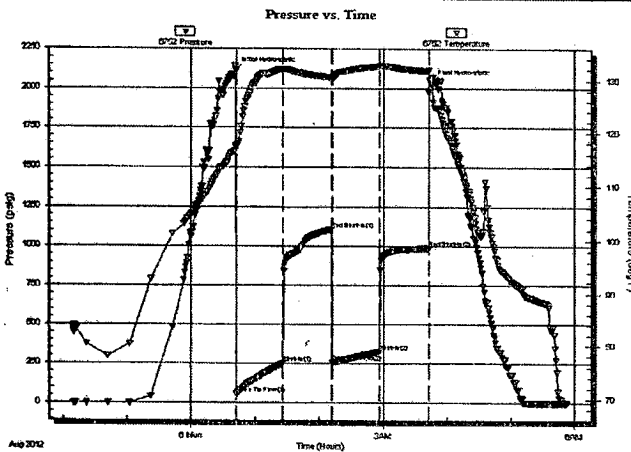
Time On Btm:

2012.08.06 @ 00:41:15

Time Off Btm:

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 (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2116.79	117.19	Initial Hydro-static
1	55.97	117.39	Open To Flow (1)
45	251.33	131.92	Shut-In(1)
90	1108.20	130.45	End Shut-In(1)
91	254.02	130.15	Open To Flow (2)
135	323.73	132.57	Shut-In(2)
181	989.81	131.71	End Shut-In(2)
184	2035.08	129.31	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
375.00	SOCMV 5%O, 70%W, 25%M	1.84
60.00	SOCVM 5%O, 45%W, 50%M	0.30
170.00	VSO & WCM 3%O, 7%W, 90%M	2.38

**Gas Rates**

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

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 996

Date	7-31-10	Sec.	27	Twp.	13	Range	22	County	Trego	State	Kansas	On Location	Finish	JIDAM
Lease	Murray Range		Well No.	2		Location: T. W. & O. Galbraith Rd. TS Well								
Contractor	Snyder Drilling							Owner						
Type Job	Salt Water							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size	12 1/8		T.D.	220		Charge To: Stead Oil Co.								
Csg.	8 1/2		Depth	220		Street								
Tbg. Size			Depth			City								
Tool			Depth			State								
Cement Left in Csg.	10-15		Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace	13.521		Cement Amount Ordered: 150 Cement								

### EQUIPMENT

Pumptrk	No.	Cementer	Common
		Helper	
Bulktrk	No.	Driver	Poz. Mix
		Driver	
Bulktrk	No.	Driver	Gel:
		Driver	

### JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
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
					Total Charge

X Signature

Quality Oilwell Cementing

From 1/2 way

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. **770**

Date	Sec	Twp	Range	County	State	On Location	Finish
8-2-82	27	13	27	Texas	KS		615N
Lease No.		Well No.		Location			
3100		2		2714 75 W 10			
Contractor				Owner			
Shelby				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.			
Hole Size				T.D.			
7 7/8				4295			
Csg.				Depth			
				Charge To			
Tbg. Size				Street			
				City			
Tool				State			
Cement Left in Csg.				Shoe Joint			
				The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line				Displace			
				Cement Amount Ordered			
				2200' No 400' 1000'			

### EQUIPMENT

Pumptrk	No.	Cementor	Helper		Common
Bulktrk	No.	Driver	Driver		Poz. Mix
Bulktrk	No.	Driver	Driver		Gel

### JOB SERVICES & REMARKS

Remarks	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/W or Port Collar	Mud CLR 48
151 1815 2500	CFL-117 or CD110 CAF 38
204 900 1000	Sand
300 210 400	Handling
400 400 1000	Mileage

### FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge
	Mileage
	Tax
	Discount
	Total Charge

X Signature