

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5249
Name: Osborn Heirs Company
Address 1: P.O. Box 17968
Address 2: _____
City: San Antonio State: TX Zip: 78217 + 0968
Contact Person: Yolanda Nunley
Phone: (210) 826-0700 x 219

CONTRACTOR: License # 33375
Name: Cheyenne Drilling
Wellsite Geologist: Richard Hall

Purchaser: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: Osborn Heirs Company
Well Name: Martin #1

Original Comp. Date: 2/25/02 Original Total Depth: 5300'
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: 4008' Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
8/18/08 8/18/08 9/9/08
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 093-21697-0001
Spot Description: KEARNY
____ SW SW Sec. 26 Twp. 21 S. R. 38 East West
660 Feet from North / South Line of Section
660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Keamy
Lease Name: Martin Well #: 1
Field Name: Panoma

Producing Formation: Council Grove
Elevation: Ground: 3357 Kelly Bushing: 3369
Total Depth: 5300 Plug Back Total Depth: 4008
Amount of Surface Pipe Set and Cemented at: 443 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2905 Feet
If Alternate II completion, cement circulated from: 443
feet depth to: surface w/ 340 ^{sx cmt.}

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: evaporate & backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Yolanda Nunley
Title: Production Administrator Date: 12/17/08

Subscribed and sworn to before me this 6th day of January

20 09
Notary Public: Mary J. Castorena
Date Commission Expires: _____



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION

DEC 22 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Osborn Heirs Company Lease Name: Martin Well #: 1
 Sec. 26 Twp. 21 S. R. 38 East West County: Keamy

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: array induction, spontaneous potential, compensated neutron, litho density, gamma ray, microlog, spectral gamma, sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Chase</td> <td>2596'</td> <td>+773</td> </tr> <tr> <td>Council Grove</td> <td>2820'</td> <td>+549</td> </tr> <tr> <td>Heebner</td> <td>3814'</td> <td>-446</td> </tr> <tr> <td>Lansing</td> <td>3862'</td> <td>-494</td> </tr> <tr> <td>Morrow</td> <td>4714'</td> <td>-1346</td> </tr> <tr> <td>Miss. Lm.</td> <td>4873'</td> <td>-1505</td> </tr> </table>	Name	Top	Datum	Chase	2596'	+773	Council Grove	2820'	+549	Heebner	3814'	-446	Lansing	3862'	-494	Morrow	4714'	-1346	Miss. Lm.	4873'	-1505
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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	12 1/4	8 5/8	24.00	443	prem.	340	2% cc
production	7 7/8	5 1/2	14.00	4235	prem.	1290	

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				

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	CONSERVATION DIVISION WICHITA, KS	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2850'-2854'; 2858'-2868'; 2882'-2892'; 2902'-2910'		Council Grove -acidized w/3200g. 15% Hcl; fraced w/13110 g. Delta 140 & 481 mscf N ₂ with 100000 lbs. sand	
	(see attached for additional perforations & bridge plugs)			

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>2933'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>10/25/08</u>	Producing Method: gas on casing <input checked="" 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 <u>20</u> Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2850' - 2910' oa</u> <u>Council Grove</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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CONSERVATION DIVISION
 WICHITA, KS

OSBORN HEIRS COMPANY WELLBORE DIAGRAM

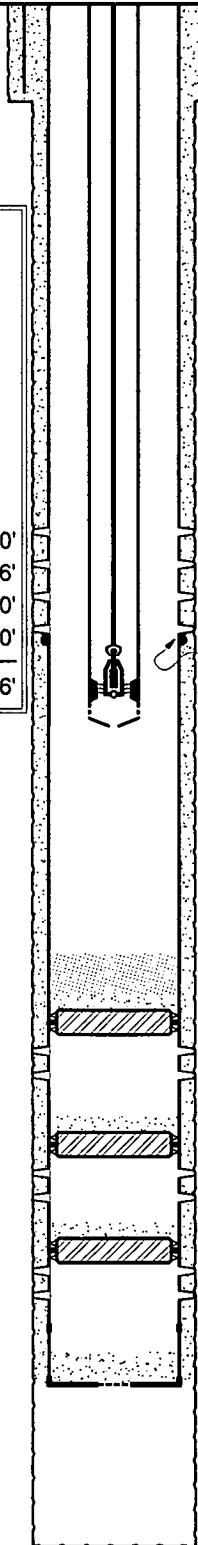
Martin No. 1
API No. 15-093-21697
660' FSL & 660' FWL
Section 26-T21S-R38W (C SW SW)
Kearny County, Kansas

Elevation: 3357' GR 3369' KB

8-5/8", 24.00#, J-55, ST&C, 8rd casing
 340 sx CL "C" + 2% CaCl₂ + 0.125 pps
 Poly-E-Flake
 12-1/4" hole to 450'

443' Btm of 8-5/8" casing

ROD RECORD (09/09/08)	
1-1/8" x 16' Polished Rod w/1-3/8" x 8' Liner	
1 3/4" X 6' Class D Pony Rod	
116 3/4" X 25' Class D Steel Rods	
1 3/4" Brass Stripping Tool	
1 2" x 1-1/2" x 10' RWBC Pump	
1 1" x 2' Gas Anchor	
TUBING RECORD (09/09/08)	
Elevation	10.00'
90 2-3/8", 4.70#, J-55, EUE, 8rd Tubing	2917.36'
2-3/8" x 1.78" Seating Nipple	1.10'
2-3/8" Mud Anchor	5.00'
	2933.46'



2850'-2854' Council Grove Lm } Perforations
 2858'-2868' Council Grove Lm } 3-1/8" Slick Gun
 2882'-2892' Council Grove B-1 } 4 spf 90° phase
 2902'-2910' Council Grove B-2 } 22.7 g 0.40" hole
 2905' Top of 5-1/2" MSC Tool } 38.9" penetration
 2927' Top of 2-3/8" Seating Nipple
 2933' Btm of 2-3/8" Mud Anchor

3700' Top of Frac Sand (09/09/08)
 4008' Top of cement on bridge plug
 4040' Top 5-1/2" CIBP (GR/CCL)
 4060' } PERFS Lasing "G"
 4066' } 4" csg gun, 4 spf, 90 deg phase
 4110' Top of cement on bridge plug
 4130' Top 5-1/2" CIBP (GR/CCL)
 4146' } PERFS Lasing "I"
 4153' } 4" csg gun, 4 spf, 90 deg phase
 4156' Top of cement on bridge plug
 4176' Top 5-1/2" CIBP (GR/CCL)
 4178'-4180' } PERFS Kansas City "A"
 4182'-4186' } 4" HEGS, 4 spf, 90° phase, 0.42" hole
 4191' Top drilled 5-1/2" Latch-Down Baffle (CM)
 4205' PBD (GR/CBL)
 4235' Btm 5-1/2" Float Collar (CM)

5-1/2", 14.00#, J-55, ST&C, 8rd casing
 135 sx Premium Expanding Cmt + 10% salt +
 5% cal-seal + 5 pps gilsonite + 0.6% halad-322
 7-7/8" hole

DATE OF DIAGRAM: 09-08-08

T. D. 5,300'

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