

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

80/10/08
12/30/08

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: Kevin Bailey
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: Maune Trust #1
Original Comp. Date: 4/26/07 Original Total Depth: 5400'
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: 3430' Plug Back Total Depth
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
8/29/08 8/29/08 9/8/08
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 093-21797-0001
Spot Description: KEARNY
NW SE SW SE Sec. 2 Twp. 22 S. R. 38 East West
645 Feet from North / South Line of Section
1810 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Kearny
Lease Name: Maune Trust Well #: 1
Field Name: Panoma
Producing Formation: Council Grove
Elevation: Ground: 3338 Kelly Bushing: 3349
Total Depth: 5400 Plug Back Total Depth: 3430
Amount of Surface Pipe Set and Cemented at: 435 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 3483 Feet
If Alternate II completion, cement circulated from: 435
feet depth to: surface w/ 280 ^{sx cm}

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.: _____

Alt 2 - Dlg - 8/3/09

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. Castoreno
Date Commission Expires: _____



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Osborn Heirs Company Lease Name: Maune Trust Well #: 1
 Sec. 2 Twp. 22 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: high resolution induction, microlog, gamma ray, spectral density, dual-spaced neutron, caliper, 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>+753</td> </tr> <tr> <td>Council Grove</td> <td>2829'</td> <td>+520</td> </tr> <tr> <td>Heebner</td> <td>3815'</td> <td>-446</td> </tr> <tr> <td>Cherokee</td> <td>4487'</td> <td>-1138</td> </tr> <tr> <td>Morrow</td> <td>4701'</td> <td>-1352</td> </tr> </table>	Name	Top	Datum	Chase	2596'	+753	Council Grove	2829'	+520	Heebner	3815'	-446	Cherokee	4487'	-1138	Morrow	4701'	-1352
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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	435	prem.plus	280	2% cc
production	7 7/8	5 1/2	14.00	4528	prem.plus	210	5% kcl
			stage II	3483	prem.plus	700	6% Halad

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	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2854'-2870'; 2890'-2894';	Council Grove -acidized w/3100g. 15% Hcl;	
4	2904'-2908'; 2912'-2916'; 2920'-2924'	fraced w/9807 g. Delta 140 & 495 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>2948'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>10/03/08</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>55</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>2854' - 2924' 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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OSBORN HEIRS COMPANY WELLBORE DIAGRAM

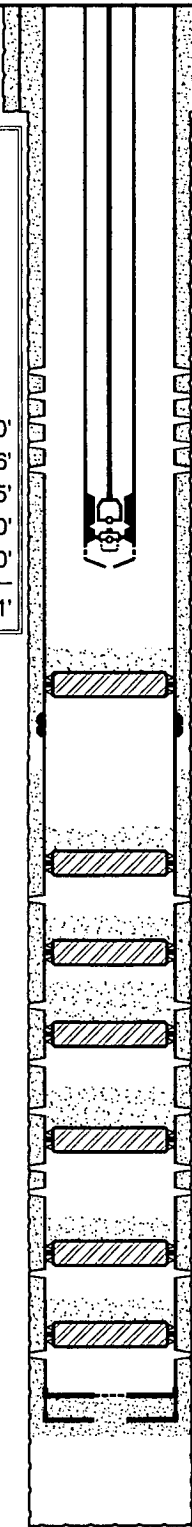
Maune Trust No. 1
 API No. 15-093-21797
 645' FSL & 1,810' FEL
 Section 2-T22S-R38W (NW SE SW SE)
 Hugoton (Chase) Field
 Kearny Co., KS

Elevation: 3338'GR 3349'KB

ROD RECORD (09/09/08)	
1-1/8" x 16' Polished Rod w/1-3/8" x 8' Liner	
1 3/4" X 4' Class D Pony Rod	
117 3/4" X 25' Class D Steel Rods	
1.75" x 4' Pump Barrel	
1 1" x 2' Gas Anchor	
TUBING RECORD (09/09/08)	
Elevation	9.00'
90 2-3/8", 4.70#, J-55, EUE, 8rd Tubing	2918.56'
2-3/8" x 1-3/4" x 12' Pump Barrel	14.05'
2-3/8" x 1.71" Seating Nipple	1.10'
2-3/8" Mud Anchor	5.10'
	2947.81'

360 sx Premium Plus + 0.6% Halad-322 +
 0.125 pps Poly-E-Flake
 340 sx Light Premium + 0.125 pps Poly-E-Flake

5-1/2", 14.00#, J-55, ST&C 8rd casing
 185 sx 50/50 Premium Poz + 5% KCL + 5%
 Cal-Seal 60 + 6 pps Gilsonite +0.5% Halad-322
 +0.5% D-Air 3000 + 0.25 pps Poly-E-Flake
 25 sx 50/50 Premium Poz Savenger
 7-7/8" Hole



8-5/8", 24#, J-55, STC, 8rd casing
 280 sx Premium Plus + 2% CaCL +
 + 0.25 pps Poly-E-Flake
 435' Btm of 8-5/8" Casing & 12-1/4" hole

2854'-2870' Council Grove Lm } Perforations
 2890'-2894' Council Grove B-1 } 3-1/8" Slick Gun
 2904'-2908' Council Grove B-2 } 4 spf 90° phase
 2912'-2916' Council Grove B-2 } 22.7 g 0.40" hole
 2920'-2924' Council Grove B-2 } 38.9" penetration
 2928' Top of 2-3/8" Pump Barrel

2948' Btm of 2-3/8" Mud Anchor

3385' Top of Cement on Plug (09/08/08)

3460' Top of CIBP

3486' Top of DV Tool (3477' GR)

3730' Top of Cement Stage I

3830' Top of Cement on Plug

3860' Top of CIBP

3874'-3878' Lansing 3-1/8" EHC 4 spf 90° 16 holes

3992' Top of Cement on Plug

4022' Top of CIBP

4032' Top of Cement on Plug

4042'-4046' Lansing 3-1/8" EHC 4 spf 90° 16 holes

4062' Top of CIBP

4072'-4074' Lansing 3-1/8" 4 spf 90° 8 holes

4090' Top of Cement on Plug

4104'-4106' Lansing 3-1/8" EHC 4 spf 90° 8 holes

4120' Top of CIBP

4130'-4132'] Lansing 3-1/8" EHC 4spf 90° 32 holes

4134'-4140']

4150' Top of Cement on Plug

4180' Top of CIBP

4186'-4190' Kansas City 3-1/8" 4 spf 90° 16 holes

4210' Top of Cement on Plug

4240' Top of CIBP

4246'-4249' Kansas City 3-1/8" 4 spf 90° 12 holes

4482' Top of 5-1/2" Float Collar (4470' GR)

4528' Btm of 5-1/2" Casing

DATE OF DIAGRAM: 09-08-08

T.D. 5,400'

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