

OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API # 15-163-23,254-00-00 **ORIGINAL**
County _____ Rooks _____

NE - NW - NE - _____ Sec. 13 Twp. 8S Rge. 17 X V

330 Feet from S/K (circle one) Line of Section
1650 Feet from E/V (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner;
NE, SE, NW or SW (circle one)

Lease Name Chesney Well # E-4

Field Name Medicine Creek

Producing Formation Lansing-Kansas City

Elevation: Ground 1945' KB 1950'

Total Depth 3330' PBTD _____

Amount of Surface Pipe Set and Cemented at 210 Feet

Multiple Stage Cementing Collar Used? X Yes _____ No _____

If yes, show depth set 1227 Feet

If Alternate II completion, cement circulated from 1228

feet depth to surface v/ 150 sk cat.

Drilling Fluid Management Plan ACT II 1-29-96
(Data must be collected from the Reserve Pit) DW

Chloride content 20,000 ppm Fluid volume 800 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/V _____

County _____ Docket No. _____

Operator: License # 30730

Name: Horizontal Dev. & Production, Inc.

Address 4017 Buena Vista, Suite 117

City/State/Zip Dallas, TX 75204

Purchaser: _____

Operator Contact Person: Mike Sternberg

Phone (214) -528-4403

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Ron Nelson

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover _____

X Oil _____ SWD _____ SIOW _____ Temp. Abd.
_____ Gas _____ EMHR _____ SIGU _____
_____ Dry _____ Other (Core, USV, Expl., Cathodic, etc.) _____

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

11/6/94 11/9/94 01/04/95
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

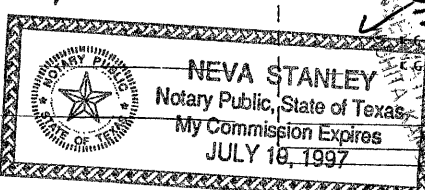
Signature Michael Sternberg

Title Vice President Date 04/13/95

Subscribed and sworn to before me this 13th day of April 1995

Notary Public Neva Stanley

Date Commission Expires July 19, 1997



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

APR 17 1995

STATE CORPORATION COMMISSION

ACO-1 (91)

Operator Name Horizontal Dev. & Production, Inc. Lease Name Chesney Well # E-4

Sec. 13 Twp. 8S Rge. 17 East West County Rooks

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 RA Guard Log
 Gamma Ray Correlation

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Anhydrite	1247'	+703'	
Base Anhydrite	1282'	+668'	
Topeka	2806'	-856'	
Heebner	3019'	-1069'	
Toronto	3040'	-1090'	
Lansing-Kansas City	3060'	-1110'	
Base Kansas City	3306'	-1356'	
T.D.	3330'	-1380'	

CASING RECORD New 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"	20#	210'	60/40	140	3%cc, 2% gel
Production	7-7/8"	5-1/2"	15.60#	3329'	ASC	165	---

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives	
	Top	Bottom				
<input type="checkbox"/> Perforate						
<input checked="" type="checkbox"/> Protect Casing	1228'	Surface	60/40	150	60/40	8% gel
<input type="checkbox"/> Plug Back TD						
<input type="checkbox"/> Plug Off Zone						

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	
2	3268'-3270', 3245'-3247', & 3152'-3154'	750 gals 15% MCA & 2250 gals 15% NE	Same
2	3114'-3116', 3100'-3102'	750 gals 15% MCA & 2250 gals 15% NE	Same
2	2989'-2991', 2966'-2968'	750 gals 15% MCA & 2250 gals 15% NE	Same

TUBING RECORD

Size	Set At	Packer At	Liner Run
2-3/8	3315'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Resumed Production, SWD or In] _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil 38 bbls	Gas _____ Mcf	Water 12 bbls	Specific Gravity _____	Temperature 38°
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf Quality Comp Cemented 2966'-3268'

15-163-23254-00-00

2027, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ORIGINAL
ALLIED CEMENTING CO., INC.
Home Office P. O. Box 31
Russell, Kansas 67665

4368

New

Date	11-5-94	Sec.	13	Twp.	8 ^s	Range	17	Called Out	10:45AM	On Location	1:00AM	Job Start		Finish	3:00AM
Lease	Chesney	Well No.	E-4	Location	Plainville 6N4E3N			County	Rooks	State	Ks				
Contractor	Emphasis Drilling Ry's														
Type Job	Surface														
Hole Size	12 1/2	T.D.	215												
Csg.	8 1/2	Depth	213												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	10-15	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	13 BBL												
Perf.															

Owner 274E
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Horizontal Dev. & Prod. Inc.
Charge To H. D. P.
Street 2535 Marsh Lane, #1208
City Carrollton State Tex 75006
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Larry Langholf

CEMENT

Amount Ordered	140 ⁶⁰ 40 3/4 CC 2 1/2 gal
Consisting of	
Common	84 5.75 483.00
Poz. Mix	56 3.00 168.00
Gel.	3 9.00 27.00
Chloride	4 25.00 100.00
Quickset	

EQUIPMENT

No.	Cementer	Dave
Pumptrk 153	Helper	Mark
No.	Cementer	
Pumptrk 160	Helper	
Bulktrk 20	Driver	Jason
Bulktrk	Driver	

Handling	1.00	140.00
Mileage 16m	.04	89.60
Sub Total		1007.60
Total		

DEPTH of Job

Reference:		
	Pump tok chg	430.00
	2 1/2" per mile 16m	36.00
	8" wooden plug	43.00
	Sub Total	509.00
	Tax	
	Total	

Remarks: Cement Cir ✓

STATE COMPTROLLER'S COMMISSION
APR 17 1995
CONSERVATION DIVISION
WICHITA, KANSAS

15-163-23254-00-00

3-2627, Russell, KS
316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31 Russell, Kansas 67665 8370 ORIGINAL

New well

Date <i>11-9-94</i>	Sec. <i>13</i>	Twp. <i>8</i>	Range <i>17</i>	Called Out <i>2:30 PM</i>	On Location <i>4:45 PM</i>	Job Start	Finish <i>8:00 P.M.</i>
Lease <i>Chesney</i>	Well No. <i>E-4</i>	Location <i>6N4E3N3E P. Ull</i>			County <i>Rock</i>	State <i>KW</i>	

Contractor <i>Emphasis Rig #8</i>	
Type Job <i>Rod. Csg</i>	
Hole Size <i>7 7/8</i>	T.D. <i>3330</i>
Csg. <i>5 1/2</i>	Depth
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *H.D.P. Inc.*

Street *2535 Marsh Lane #808*

City *Carrollton* **State** *Texas* **75006**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *Tony Tang*

CEMENT

Amount Ordered	<i>16500 6040 10% salt</i>		
Consisting of	<i>5% Gilsonite</i>	<i>500 gal WFR 2</i>	
Common	<i>99</i>	<i>575</i>	<i>569.25</i>
Poz. Mix	<i>66</i>	<i>300</i>	<i>198.00</i>
Gel.			
Chloride	<i>Cl 718#</i>	<i>.39</i>	<i>280.02</i>
Quickset	<i>SALT 16</i>	<i>5.25</i>	<i>84.00</i>
	<i>WFR 2 500 gal</i>	<i>1.00</i>	<i>500.00</i>

EQUIPMENT

Pumptrk <i>153</i>	Cementor	<i>Bill</i>
	Helper	<i>Mark D</i>
Pumptrk	Cementor	
	Helper	
Bulktrk <i>282</i>	Driver	<i>Paul D</i>
	Driver	

Handling	<i>1.00</i>	<i>165.00</i>
Mileage <i>17m</i>	<i>.04</i>	<i>112.20</i>
	Sub Total	<i>1908.47</i>
	Total	

DEPTH of Job	
Reference:	
<i>Pump Truck</i>	<i>980.00</i>
<i>12 1/2 p/m</i>	<i>17m 38.25</i>
<i>Plug</i>	<i>45.00</i>
	Sub Total <i>1063.25</i>
	Tax
	Total

Floating Equipment	<i>\$336.00</i>	
<i>5-5 (BAKER)</i>	<i>6 Centralizers</i>	
<i>\$125.00 1/2"</i>	<i>1-Guideshoe</i>	
<i>189.00 "</i>	<i>1-Insert</i>	
<i>127.00 "</i>	<i>1 BASKET</i>	
<i>(1261') 1785.00 "</i>	<i>1-Port collar</i>	
<i>PORT collar out 54</i>		
	F.Eq. Total <i>\$ 2562.00</i>	

Remarks:

pipe etc 3329 1500 on

Shaft. 10

Insert c 3319

Land plug c 1000 p 54

Float did hold

Thank

483-2627, Russell, KS
 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

15-163-23254-00-00
 Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

8386

ORIGINAL

New

Date	11-25-94	Sec.	13	Twp.	8	Range	17	Called Out	7:00 AM	On Location	9:15 AM	Job Start	10:15 AM	Finish	12:30 PM
Lease	CHESNEY	Well No.	E-4	Location	PLAINVILLE 3E 9N 2 1/2 E			County	ROOKS	State	KANSAS				

Contractor **LIGHTNING WELL SERVICE**

Owner

Type Job **OPEN PORT COLLAR (CIRC. CEMENT)**

To Allied Cementing Co., 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 T.D.

Csg. 5 1/2" Depth

Tbg. Size 2" Depth

~~Drill Pipe~~ REINHARDT OIL TOOLS Depth (RICK P.)

Tool ARROW PORT COLLAR Depth

Cement Left in Csg. Shoe Joint

Press Max. 1,000 # Minimum 500 #

Meas Line Displace

Perf **CEMENT DID CIRCULATE**

REINFORCEMENT SERVO EQUIPMENT
 Richard French Bobbed Lightning #47

No.	Cementor	
Pumptrk #177	Helper	Will
No.	Cementor	
Pumptrk	Helper	
Bulktrk #254	Driver	Jason
Bulktrk	Driver	

DEPTH of Job

Reference:	Pump TRUCK CHRG	525.00
	2.35 Per mile 15m	33.75
	Sub Total	558.75
	Tax	
	Total	

Remarks: BRIDGE PLUG @ 2360' SET packer & Test PLUG TO 1000# (HELD) CAME OUT w/ PACKER. RAN IN HOLE w/ PORT COLLAR TOOL. FOUND PORT COLLAR @ 1220' LOADED BACKSIDE & SHUT IN. HOOKED UP TO TUBING & OPENED PORT COLLAR. RECEIVED VERY GOOD CIRCULATION AROUND ANNULAS. MIXED CEMENT. CEMENT CIRCULATED AROUND ANNULAS. DISPLACED 4 BBL & CLOSED TOOL. PRESSURED TO 750# (HELD), RAN 5 ITS. & WASHED TUBING & CSG. CLEAN

Charge To **H.D.P. Horizontal Dev. & Prod. Inc.**

Street **2535 Marsh Lane, #1208**

City **Carrollton** State **Tx** **75006**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. **X 7100RB**

CEMENT

Amount Ordered **150 SK 6 3/4 8% GEL**

Consisting of			
Common	90	575	517.50
Poz. Mix	60	300	180.00
Gel.	10	9.00	90.00
Chloride			
Quickset			

Handling **100** **150.00**

Mileage **15m** **04** **90.00**

Sub Total **1027.50**

Total

Floating Equipment **Shank**

STATE OF KANSAS
 PUBLIC RECORDS
 11-25-94