

ORIGINAL 15-077-21,358-0000

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15
County Harper
- SE - SE - SW Sec. 12 Twp. 31S Rge. 8 X W

CONFIDENTIAL

Operator: License # 5123
Name: Pickrell Drilling Co. Inc.
Address: 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

330' Feet from S/W (circle one) Line of Section
2310' Feet from E/W (circle one) Line of Section

Purchaser: N/A
Operator Contact Person: Larry J. Richardson
Phone (316) 262-8427

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Miles "D" Well # 1

Contractor: Name: Company Tools
License: 5123
Wellsite Geologist: Billy Klaver

Field Name _____
Producing Formation None
Elevation: Ground 1610' KB 1615'
Total Depth 4485 PBDT _____

Designate Type of Completion **FROM CONFIDENTIAL**
 New Well _____ Re-Entry _____ Workover _____

 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

Amount of Surface Pipe Set and Cemented at 269' KB Feet
Multiple Stage Cementing Collar Used? _____ Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____

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 _____ PBDT _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

7-14-98 7-20-98 Abandoned
Spud Date Date Reached TD Completion Date 8-17-98

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH-1, 3-24-99 OR
(Data must be collected from the Reserve Pit) Spud OK'd per Dist. 2.
Chloride content 34,000 ppm Fluid volume 400 bbls

Deswatering method used _____
Location of fluid disposal if hauled offsite: KCC

Operator Name OCT 16 1998
Lease Name CONFIDENTIAL License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____ Docket No. _____

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 C. W. Sebitts
Title C. W. Sebitts - President Date 10-15-98
Subscribed and sworn to before me this 15th day of October
19 98.
Notary Public Verdella Lewis

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC _____ SWD/Rep _____ NGPA
 KGS _____ Plug _____ Other _____
(Specify)

NOTARY PUBLIC - State of Kansas
VERDELLA LEWIS
My Appt. Exp. 10-15-98

6-06-2002

Operator Name Pickrell Drilling Co. Inc. Lease Name Miles "D" Well # 1
 Sec. 12 Twp. 31S Rge. 8 East County Harper
 West

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:
 Dual Induction Log
 Compensated Porosity Log

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Heebner	3380(-1765)		
Iatan	3680(-2065)		
Kansas City	3900(-2285)		
Stark	4037(-2422)		
Cherokee	4284(-2669)		
Mississippian	4397(-2782)		
Mississippian Por.	4400(-2785)		

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 Casing	12 1/4"	8 5/8"	20#	269'KB	60-40 poz	175sx	2%gel, 3%CC
Production Csg	7 7/8"	4 1/2"	10.5#	4480'KB	SS common	150sx	

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	4400-4404	A 250 gal. Frac w/11500#sand in 7000 gal X-Link gal.	4400-4404
	Operator will P&A well!		

TUBING RECORD				Liner Run
Size	Set At	Packer At		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. None (Abandoned completion) Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6.8	None	380	Nil	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval 4400-4404

ORIGINAL

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205
WICHITA, KANSAS 67202-1996
(316) 262-8427

#1 Miles "D"
SE SE SW
Section 12-31S-8W
Harper County, Kansas

CONFIDENTIAL

KCC

OCT 16 1998

API#: 15-077-21,358-0000
330' From South Line of Section
2310' From West Line of Section
ELEV: 1615' KB, 1613' DF, 1610' GL

7-14-98: MIRT.

CONFIDENTIAL

7-15-98: (On 7-14) Spud @ 4:45 PM. Ran 6 jts. of New 8 5/8" 20# Csg. set @ 269'KB, cmt w/175sx of 60-40 poz, 2% gel, 3% CC. Cmt circ PD @ 10:00 PM on 7-14-98. (On 7-15) Drlg. out from under surface.

7-16-98: Drlg. @ 1975'.

7-17-98: Drlg. @ 2935'.

7-20-98: (On 7-18) Drlg. @ 3884'. (On 7-19) Drlg. @ 4330'. (On 7-20) Testing @ 4411'. DST #1 4403-4411', 30"-60"-120"-120", GTS 50", Ga: 7510 CFG/30 min., 8890 CFG/40 min., 9500 CFG/50 min., 9790 CFG/60 & 70 min., 9500 CFG/80 & 90 min., 9200 CFG/100, 110 & 120 min. Rec: 60' free oil, 120' MCO (45% O, 30% G, 25% M), 60' M&WCO (65%O, 16% G, 15% M, 4% W), 1' W. ISIP 1340#, IFP 35-35#, FFP 55-77#, FSIP 1302#.

7-21-98: (On 7-20) Note above - corrected pressures on DST. Pipe Strap 2.62' short. RTD 4485'. Ran E-Logs. LTD 4483'. Ran 111 jts. of Used 4 1/2" 10.5# Prod. Csg. set 3' off btm @ 4480', cmt w/150sx SS common. PD @ 3:15 AM on 7-21-98. Float did not hold. (On 7-21) WOCT.

7-22-98: WOCT.

RELEASED

7-29-98: Completion is being delayed because of wet weather. Will begin operations when we can do so without creating excess move-in costs. WOCT.

FROM CONFIDENTIAL

8-04-98: On 8/3 run Correl-Cement Bond Log from PBDT 4452 to 3550. T.O.C. 3762. Perforated Miss. interval 4400-4404 w/4 SPF using Howco Stimgun. Swabbed well down and made two 30 min. pulls off btm. Rec. no fluid, SSO, no gas. This A.M. (8/4) will swab and test and then frac well.

8-05-98: On 8/4 FL 4380 (well open overnight). Rec. 2.32 Bbls on swab down. Made three 30 min. pulls off btm.

Hrs	BTF	Remarks
1/2	1.17	SSO&G
1	TSTM	"
1 1/2	-0-	"

Frac'd well down csg. using 25# Delta Frac for carrying fluid as follows: 250 gal. 15% Fe acid, 4000 gal. Delta Frac pad, 5000 gal. DF w/6500# 20/40 sd, 2000 gal. DF w/4000# 12/20 sd, flush w/2900 gal. Waterfrac G. Broke down at 2300#. All fluid at 8.2 to 8.6 BPM and 1709#-1852#. ISIP 1691. 5 M.P. 1259#, 10 M.P. 979#, 15 M.P. 787. WIH w/sd pump, found sand at 4442 (10 ft. of fillup). Clean out 2 ft. of sd. This A.M. (8/5) will run sand pump and run tubing.

SAMPLE TOPS

Heebner 3388 (-1773)
Iatan 3680 (-2065)
Kansas City 3896 (-2281)
Stark 4040 (-2425)
Cherokee 4285 (-2670)
Mississippian Chert 4401 (-2786)

RELEASED

OCT 06 2000

RTD 4485'

FROM CONFIDENTIAL

ELECTRIC LOG TOPS

Heebner 3380 (-1765)
Iatan 3680 (-2065)
Kansas City 3900 (-2285)
Stark 4037 (-2422)
Cherokee 4284 (-2669)
Mississippian 4397 (-2782)
Mississippian Porosity 4400 (-2785)
LTD 4483'

ALLIED CEMENTING CO., INC.

15-077-21358-0000

2215

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: med. lodg. ks

DATE 7-20-98	SEC. 12	TWP. 31s	RANGE 8W	CALLED OUT 5:00P.m.	ON LOCATION 12:30A.m.	JOB START 2:00A.m.	JOB FINISH 3:30A.m.
LEASE miles 0	WELL # 1	LOCATION masq Plant, 4E-15-1/2E-N1S		COUNTY Harper	STATE KS.		

OLD OR NEW (Circle one)

CONTRACTOR Cp. Tools **CONFIDENTIAL** OWNER Pickrell Drq. Co.
TYPE OF JOB Prod. Csq. CEMENT

HOLE SIZE 7 7/8	T.D. 4483
CASING SIZE 4 1/2 x 10.5	DEPTH 4482
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX 1300	MINIMUM 200
MEAS. LINE 4416'	SHOE JOINT 28.47
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED 300 Gals. mud-Clean
150SXS CLASS A + 10% SALT

COMMON A 150	@ 6.35	952.50
POZMIX	@	
GEL	@	
CHLORIDE	@	
<u>MUD CLEAN 300 Gals</u>	@ .75	225.00
<u>SALT 15</u>	@ 7.00	105.00
	@	
	@	
HANDLING 150	@ 1.05	157.50
MILEAGE 150 x 35	.04	210.00

EQUIPMENT

PUMP TRUCK # 343	CEMENTER <u>Harry Dreiling</u>
	HELPER <u>Justin Hart</u>
BULK TRUCK # 242	DRIVER <u>John Kelley</u>
BULK TRUCK #	DRIVER

KCC TOTAL \$1650.00

REMARKS:

Pipe on Bottom - Break Circ
mix + Pump 300 Gals. mud-Clean
150SXS CLASS A + 10% SALT. wash
out Pump + lines. Release Plug
Pump + Displace Aug w/ 7.3 Gals
Fresh H₂O Bump Plug. Release PSI
Float Did not Hold. Pressure Csq.
1000 shutt In.

OCT 16 1998
CONFIDENTIAL

SERVICE

DEPTH OF JOB 4482	
PUMP TRUCK CHARGE	1145.00
EXTRA FOOTAGE	@
MILEAGE 35	@ 2.85 99.75
PLUG Rubber 4 1/2"	@ 38.00 38.00
	@
	@

RELEASED

TOTAL \$1282.75

CHARGE TO: Pickrell Drq. Co.
STREET P.O. Box 1303
CITY GREAT BEND STATE KANSAS ZIP 67530

FROM: CONFIDENTIAL FLOAT EQUIPMENT

1-AFU Insert	@ 235.00	235.00
1- Guide Shoe	@ 140.00	140.00
4-Centerlizers	@ 53.00	212.00
	@	
	@	

TOTAL \$587.00

15-077-21358-0000

ALLIED CEMENTING CO., INC.

2214

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: med. lodge, ks

ORIGINAL

DATE <u>7-14-98</u>	SEC. <u>12</u>	TWP. <u>31S</u>	RANGE <u>8W</u>	CALLED OUT <u>5:00P.m.</u>	ON LOCATION <u>6:30P.m.</u>	JOB START <u>9:00</u>	JOB FINISH <u>10:30P.m.</u>
LEASE <u>miles "D"</u>		WELL # <u>1</u>	LOCATION <u>mag Plant, 4E-1S-1/2E-N1S</u>			COUNTY <u>Harper</u>	STATE <u>Ks.</u>

OLD OR NEW (Circle one)

CONTRACTOR Pickrell Drlg. CONFIDENTIAL OWNER Pickrell Drlg

TYPE OF JOB <u>Surface Csg.</u>	CEMENT
HOLE SIZE <u>12 1/4</u> T.D. <u>274</u>	
CASING SIZE <u>8 5/8 x 24</u> DEPTH <u>269</u>	AMOUNT ORDERED <u>175 SXS. 60/40/3% CaCl₂ + 2% Gel.</u>
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX <u>150</u> MINIMUM <u>100</u>	COMMON <u>A</u> <u>105</u> @ <u>6.35</u> <u>666.75</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <u>70</u> @ <u>3.25</u> <u>227.50</u>
CEMENT LEFT IN CSG. <u>15' By Request</u>	GEL <u>3</u> @ <u>9.50</u> <u>28.50</u>
PERFS. _____	CHLORIDE <u>6</u> @ <u>28.00</u> <u>168.00</u>

EQUIPMENT

PUMP TRUCK # <u>343</u>	CEMENTER <u>ARRY Oreiling</u>	HELPER <u>Justin Hart</u>
BULK TRUCK # <u>242</u>	DRIVER <u>James Holt</u>	
BULK TRUCK # _____	DRIVER _____	

HANDLING <u>175</u> @ <u>1.05</u> <u>183.75</u>
MILEAGE <u>175 x 35</u> @ <u>.04</u> <u>245.00</u>

TOTAL # 1519.50

REMARKS:

Pipe on Bottom - Break Circ.
mix + Pump 175 SXS. 60/40/3% CaCl₂
2% Gel. Stop Pumps. Release Plug
Pump + Displace Plug w/ 16 1/2 Bbls.
Fresh H₂O. Shut In Cement
Circ. to Bottom Cellar ✓

KCC
OCT 16 1998
CONFIDENTIAL

SERVICE

DEPTH OF JOB <u>269</u>	
PUMP TRUCK CHARGE _____	<u>470.00</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>35</u> @ <u>2.85</u> <u>99.75</u>	
PLUG <u>wooden 8 1/8"</u> @ <u>45.00</u> <u>45.00</u>	

RELEASED

TOTAL # 614.75

CHARGE TO: Pickrell Drlg.
STREET P.O. Box 1303
CITY GREAT BEND STATE KANSAS ZIP 67530

FROM: CONFIDENTIAL

FLOAT EQUIPMENT

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____