

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

Operator: License # 5123
Name: Pickrell Drilling Co. Inc.
Address 110 N. Market, Suite 205
City/State/Zip Wichita, Kansas 67202
Purchaser: KOCH Oil
Operator Contact Person: Larry J. Richardson
Phone (316) 262-8427
Contractor: Name: Company Tools
License: 5123
Wellsite Geologist: Billy G. Klaver
Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S1OW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 _____ PBSD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
6-09-94 6-19-94 7-21-94
Spud Date Date Reached TD Completion Date

API NO. 15-077-21,281-00-00
ORIGINAL County Harper
58' E. N2. SW. NW Sec. 26 Twp. 31S Rge. 9 E W
1650 Feet from N (circle one) Line of Section
718 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Gates "G" Well # 1
Field Name Spivey Grabs Basil
Producing Formation Mississippian
Elevation: Ground 1621 KB 1626
Total Depth 4685' PBSD _____
Amount of Surface Pipe Set and Cemented at 230 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 cat.
Drilling Fluid Management Plan ALT 1 JH 2-1-95
(Data must be collected from the Reserve Pit)
Chloride content 10,600 ppm Fluid volume 400 bbls
Dewatering method used _____
Location of fluid disposal, if hauled offsite: _____
Operator Name _____
Lease Name _____ 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 8-17-94
Subscribed and sworn to before me this 17th day of August
19 94.
Notary Public Verdella Lewis

6-06-98

NOTARY PUBLIC - State of Kansas
VERDELLA LEWIS
My Appt. Exp. 6-6-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C **RECEIVED** Report Received
STATE CORPORATION COMMISSION
Distribution
 KCC SWD/Rep NGPA
AUG 18 1994 Plug Other
(Specify)
CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name Pickrell Drilling Co. Inc. Lease Name Gates "G" Well # 1

Sec. 26 Twp. 31S Rge. 9 East West County Harper

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
 Compensated Density

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3464 (-1838)	
Lansing	3656 (-2030)	
Stark	4103 (-2477)	
Mississippi	4404 (-2778)	
Kinderhook	4610 (-2984)	

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#	230'KB	60-40 poz	185sx	2% gel, 3%CC
Production Csg	7 7/8"	4 1/2"	10.5#	4600'	common(SS)	200sx	5#gil/sx

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	4441-43	LFL + Common	185sx	LFL cement for 1st 150sx
<input type="checkbox"/> Protect Casing				
<input checked="" 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	4441-43 Squeeze Perfs	250 gal A + 150sx LFL +50sx Common	
2	4428-4432 Production Perfs	A 500 gal. DSFe, fraced w/		
2	4418-4422 Production Perfs	w/36000# sd in 26,800 gal My-T-Gel		

TUBING RECORD Size 2 3/8" Set At 4430 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7-21-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 6.67 Gas Mcf 83 Water Bbls. 85 (still load water) Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 4418-4422
4428-4432

PICKRELL DRILLING COMPANY, INC.

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

ORIGINAL

#1 Gates "G"
58' East of C N2 SW NW
Section 26-31S-9W
Harper County, Kansas

API#: 15-077-21,281
1650' From North Line of Section
718' From West Line of Section
ELEV: 1626' KB, 1624' DF, 1621' GL

- 6-08-94: MRT.
- 6-09-94: RU - will Spud this P.M.
- 6-10-94: (On 6-9) Spud @ 10:45 A.M. Ran 5 jts. of new 8 5/8" 20# csg. set @ 230', cmt w/185sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 4:45 PM on 6-9-94. (On 6-10) Drlg. @ 562'.
- 6-13-94: (On 6-11) Drlg. @ 1861'. (On 6-12) Drlg. @ 2563'. (On 6-13) Drlg. @ 3208'.
- 6-14-94: Drlg. @ 3664'.
- 6-15-94: Circ. @ 4089'.
- 6-16-94: Drlg. @ 4214'. DST #1 4102-4135', 30"-60"-90"-90", GTS/45" of 2nd open Ga 3.37 MCF/50", 3.7 MCF/60", 3.37 MCF/70", 2.92 MCF/80"-90", 190' Gsy MCO (40% O, 40% G, 20% M), 20' HGCM (20% G, 80% M), 50' Wtr (92,000 PPM), IFP 106-106#, ISIP 1487#, FFP 128-128#, FSIP 1487#.
- 6-17-94: Testing @ 4427. DST #2 4409-4427', 30"-60"-90"-90" GTS 5 min. Ga: 183 MCF/10", 222 MCF/20", 222 MCF/30", 2nd Op Ga: 222 MCF/10", 248 MCF/20", 248 MCF/30", 237 MCF/40", 231 MCF/50", 222 MCF/60", 216 MCF/70", 211 MCF/80", 211 MCF/90". Rec: 30' SOGCM (2% oil, 3% gas, 95% mud) + 60' OGCM (5% gas, 25% oil, 70% mud) + 60' OGCWM (30% gas, 30% oil, 20% mud, 20% wtr (8,000 PPM - Chl.), mud system 6000 PPM, ISIP 565#, IFP 192/160#, FFP 160/138#, FSIP 534#. DST #3 4427-47', 30"-60"-90"-90", GTS 15", GA: 33.2 MCF/20", 36.5 MCF/30", 2nd Op: 86.3 MCF/10", 36.5 MCF/20", 34.3 MCF/30" & 40", 33.2 MCF/50" & stabilize @ 31.9 MCF/60" Rec: 270' GCMO (40% oil, 30% gas, 30% mud) + 60' wtry GC mdy oil (40% oil, 40% gas, 15% mud, 5% wtr), ISIP 534#, IFP 160-106#, FFP 160-160#, FSIP 534#.
- 6-20-94: (On 6-18) testing @ 4467'. DST #4 4447-4467', 30"-60"-90"-90", No gas Rec: 120' gassy OCWM (30% oil, 30% gas, 20% mud, 20% wtr) + 240' SW (107,000 PPM), ISIP 565#, IFP 128-160#, FFP 213-309#, FSIP 565#. (On 6-19) Drlg. @ 4672'. Ran E-log. RTD 4685'. LTD 4683'. Ran 112 jts. of used 4 1/2" 10.5# Csg. set @ 4600', cmt w/ 185sx of common, 10% salt w/5#gil/sx, 15sx in RH. PD @ 3:10 AM on 6-20-94. (On 6-20) WOCT.
- 6-21-94: WOCT.
- 6-22-94: WOCT.

SAMPLE TOPS

Heebner	3465 (-1839)
Lansing	3636 (-2010)
Stark	4105 (-2479)
Mississippi	4407 (-2781)
Kinderhook	4645 (-3019)
RTD	4685'

ELECTRIC LOG TOPS

Heebner	3464 (-1838)
Lansing	3656 (-2030)
Stark	4103 (-2477)
Mississippi	4404 (-2778)
Kinderhook	4610 (-2984)

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HYDRATION DIVISION
WICHITA, KANSAS

ORIGINAL

Russell, KS
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.

6399

Home Office P. O. Box 31

Russell, Kansas 67665

New Well

Date	6-9-94	Sec.	26	Twp.	315	Range	9W	Called Out	11:00 AM	On Location	1:00 PM	Job Start	4:15	Finish	4:40	
Lease	GATES "G"	Well No.	1	Location	KEYSTONE CHURCH 3/25-4/5			County	HARPER	State	KANSAS					
Contractor	PICKRELL DRG Co. INC. Reg # 1							Owner	PICKRELL DRILLING CO. INC.							
Type Job	SURFACE							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	12 1/4		T.D.	233												
Csg.	8 5/8		Depth	233												
Tbg. Size			Depth													
Drill Pipe			Depth													
Tool			Depth													
Cement Left in Csg.	15'		Shoe Joint													
Press Max.			Minimum													
Meas Line			Displace	13.5 Bbls H ₂ O												
Perf.																

Charge To: PICKRELL DRILLING COMPANY, INC.
 Street: 110 N. MARKET SUITE 205
 City: WICHITA State: KANSAS 67202

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

Purchase Order No. _____
 X *[Signature]*

CEMENT

Amount Ordered	185 SK 69/40 POZ 2% GEL + 3% CC		
Consisting of			
Common	111	5.75	638.25
Poz. Mix	74	3.00	222.00
Gel.	3	9.00	27.00
Chloride	6	25.00	150.00
Quickset			
Handling	185	1.00	185.00
Mileage	25		185.00
Total			1407.25

EQUIPMENT

Pumptrk	No.	Cementer	272	NEAL R
		Helper		CARL B
Pumptrk	No.	Cementer		
		Helper		
Bulktrk		Driver		MARK B.
		Driver		

DEPTH of Job 233

Reference:	Pump Charge	430.00
	25 Mileage	56.25
	1 8 5/8 WOODEN SURFACE	42.00
	Sub Total	
	Tax	
	Total	528.25

Remarks: RAN 8 5/8 TO 233' CEMENTED WITH 185 SK 69/40 POZ 2% GEL + 3% CC - Displaced Plug TO 218' WITH 13.5 BBLs H₂O
 CEMENT DID CIRCULATE!

TOTAL \$ 1935.50
 DISC - 387.10

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THANKS

REGISTRATION DIVISION
 WICHITA, KANSAS

Russell, KS
 661, 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

6412

ORIGINAL

NEW WELL

Date	6-29-94	Sec.	26	Twp.	315	Range	9W	Called Out	11:15 AM	On Location	2:00 PM	Job Start	4:00 PM	Finish	7:30 P
Lease	GATES	Well No.	G-1	Location	KEYSTONE CHURCH 3 1/2 S - E 1/2			County	HARPER	State	KANSAS				
Contractor	MOTEL DRG. CO.					Owner	PECKWELL DRG. CO.								
Type Job	SQUEEZE					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.	4 1/2					Depth	4415								
Tbg. Size	2 3/8					Depth	4392								
Drill Pipe						Depth									
Tool	MODEL B					Depth	4392								
Cement Left in Csg.						Shoe Joint									
Press Max.	3000					Minimum	100								
Meas Line						Displace	17.75								
Perf.	4441-4442.5														

EQUIPMENT

No.	Cementer	272	NEAL R
Pumptrk 255/265	Helper		CAEL B
No.	Cementer		
Pumptrk	Helper		
	Driver		MARK B.
Bulktrk 227			
Bulktrk	Driver		

DEPTH of Job 4442'

Reference:	Pump Charge	1038.00
	23 Mileage	51.75
	Sub-Total	
	Total	1089.75

Remarks: SQUEEZED PERFS WITH 150SK CLASS A + 3% FL-10 - FOLLOWED BY 50SK CLASS A NEAT - SQUEEZED @ 3000# REVERSE OUT 15SK - PUT 185SK IN FORMATION

Charge To PECKWELL DRG. CO. INC.
 Street 110 N. MARKET SUITE 205
 City WICHITA State KS 67202
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. [Signature]
 X

CEMENT

Amount Ordered	150SK CLASS A, 3% FL-10	
	50SK CLASS A NEAT	
Consisting of		
Common	200	5.75 1150.00
Poz. Mix		
Gel.		
Chloride		
Quickset	FL-10-42 #	6.91 290.25
		Sub-Total
Handling	200	1.00 200.00
Mileage	23	184.00
		Sub-Total
		Total 1824.2

Floating Equipment
 Total \$ 2913.97
 Disc 582.80

2 RECEIVED 7
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AUG 1 8 1994

REGISTRATION DIVISION
 WICHITA, KANSAS

THANKS! (R)