

CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15-109-20641-0000

4-11-1997
APR 11 1997

County Logan
- E2 - SW - NW Sec. 11 Twp. CONFIDENTIAL DRAGON X W
WICHITA, KS

Operator: License # 5003

3300 Feet from (S)N (circle one) Line of Section

Name: McCoy Petroleum Corporation

4290 Feet from (E)W (circle one) Line of Section

Address 3017 N. Cypress Street

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

Wichita, KS

Lease Name BERTRAND TRUST "A" # 1-11

City/State/Zip 67226-4003

Field Name Wildcat

Purchaser: Koch Oil Company

Producing Formation Kansas City Swope

Operator Contact Person: Steve O'Neill

Elevation: Ground 3192' KB 3201'

Phone (316) 636-2737

Total Depth 4800' PBTD 4741'

Contractor: Name: Sweetman Drilling, Inc.

Amount of Surface Pipe Set and Cemented at 254' Feet

License: 5658

Multiple Stage Cementing Collar Used? X Yes No

Wellsite Geologist: John P. Hastings

If yes, show depth set Port Collar @ 2680' Feet

Designate Type of Completion

If Alternate II completion, cement circulated from 2680'

X New Well Re-Entry Workover

feet depth to Surface w/ 400 sx cmt.

X Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl. Cathodic, etc)

Drilling Fluid Management Plan Att 2, 10-12-98 UC
(Data must be collected from the Reserve Pit)

If Workovers:

Chloride content 12,000 ppm Fluid volume 1360 bbls

Operator: 5-18-1999
MAY 18 1999

Dewatering method used Evaporation

Well Name: FROM CONFIDENTIAL

Location of fluid disposal if hauled offsite:

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.

Operator Name

Lease Name License No.

3/4/97 3/11/97 3/26/97

 Quarter Sec. Twp. S. Rng. E/W

Spud Date Date Reached TD Completion Date

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 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 Brent B Reinhardt
Brent B. Reinhardt

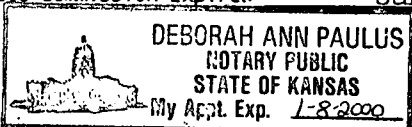
Title Regulatory Geologist Date 4/5/97

Subscribed and sworn to before me this 5th day of April, 19 97.

Notary Public Deborah Ann Paulus

Date Commission Expires January 8, 2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)



Operator Name McCoy Petroleum Corporation Lease Name BERTRAND TRUST "A" Well # #1-11

Sec. 11 Twp. 11S Rge. 34W
 East
 West

County Logan

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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See Attached Log Tops

List All E.Logs Run: Schlumberger, Inc.
 Array Induction, Microres, Comp. Neut.,
 Litho-Dens., Microlog, Borehole Comp.
 Sonic Log, Cement Bond Log.
 See Attached DST Reports

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	12 1/4"	8 5/8"	24#	254'	Common	170	2%Gel, 3%CaCl
Production	7 7/8"	4 1/2"	10.5#	4786'	Class "A"	225	18%Salt, 3%CaCl
Port Collar				2680'	MidCon II	400	Cemented to Surface

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4335-4340' Kansas City Swope	AC: 1000gals 15%FeNe, SWB: 13.5 Bbls on 5th Hr @ 99%Oil, 1%Wtr	4340'

TUBING RECORD		Size	Set At	Packer At	Liner Run				
		2 3/8"	4386'	None		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SMD or Inj.				Producing Method					
3/26/97				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity	
		124		0		0			

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: 4335-4340'
KC Swope

CONFIDENTIAL

ORIGINAL

McCoy Petroleum Corporation
 Bertrand Trust 'A' #1-11
 E/2 SW NW
 Section 11-11S-34W
 Logan County, Kansas
 API #15-109-20,641
 Spud 3-04-97

RELEASED

5-18-1999
MAY 18 1999RECEIVED
KANSAS CORPORATION COMMISSION4-11-1997
APR 11 1997

FROM CONFIDENTIAL.

CONSERVATION DIVISION
WICHITA, KSACO-1 ContinuedDrill Stem Tests:**DST #1 4330'- 4356' (Lansing 'K' Zone)**

Open 30", SI 60", Open 60", SI 90"

1st Open: Strong blow OBB in 30 sec.

2nd Open: Strong blow OBB in 30 sec.

Recovered: 730' GIP

2460' Clean Gas Cut Oil (34° Gravity)

95' Slightly Mud Cut Gassy Oil (50% gas, 40% oil, 10% mud)

FP: 160-554 / 579-944#

SIP: 1239-1226#

4-5
APR 5
CONFIDENTIAL**DST #2 4634'- 4686' (Johnson Zone) (Tailpipe Straddle Test)**

Open 30", SI 60", Open 60", SI 90"

1st Open: Weak to strong blow OBB in 13 min.

2nd Open: Weak blow incr to 6-1/2"

Recovered: 200' Mud

500' Saltwater (Chlorides 39,000 PPM)

FP: 44-134 / 202-319#

SIP: 995-981#

(Bottom Packer Failed)

Electric Log Tops:

Anhydrite	2656	(+545)
Base Anhydrite	2682	(+519)
Heebner	4056	(-855)
Lansing	4195	(-904)
Muncie Creek Sh.	4248	(-1047)

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ORIGINAL

Stark Sh.	4324	(-1123)
Hushpuckney Sh.	4358	(-1157)
B/KC	4388	(-1187)
Marmaton	4412	(-1211)
Pawnee	4511	(-1310)
Cherokee	4600	(-1399)
Johnson Zone	4644	(-1443)
Mississippi	4727	(-1526)
RTD	4800	(-1599)
LTD	4788	(-1587)

RELEASED

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MAY 18 1999

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CONSERVATION DIVISION
WICHITA, KS

5-5
APR

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RELEASED
5-18-1999
MAY 18 1999

ORIGINAL

ALLIED CEMENTING CO., INC. 5175

HALLIBURTON JOB SUMMARY
HALLIBURTON DIVISION Mc Coy
HALLIBURTON LOCATION Hays, KS
BILLED ON TICKET NO. 196702

FROM CONSIDERATION
REMIT TO: P.O. BOX 31-
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

WELL DATA
FIELD 11 TWP. 11 RANG. 39 COUNTY Linn STATE KS
FORMATION NAME 11 FROM 11 TO 11 MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS FROM TO
INITIAL PROD. OIL BPD. WATER BPD. GAS MCFD
PRESENT PROD. OIL BPD. WATER BPD. GAS MCFD
COMPLETION DATE MUD TYPE MUD WT.
PACKER TYPE SET AT
BOTTOM HOLE TEMP. PRESSURE
MISC DATA part collar 2680 TOTAL DEPTH 4800

TOOLS AND ACCESSORIES
TYPE AND SIZE QTY. MAKE
FLOAT COLLAR 1 2 1/2" x 4 1/2" 1 Hales
FLOAT SHOE 4 1/2" 1 Hales
GUIDE SHOE
CENTRALIZERS 4 4 1/2" 5 Hales
BOTTOM PLUG
TOP PLUG 4 1/2" 1 Hales
HEAD
PACKER
OTHER bucket 4 1/2" 1 Hales
MATERIALS

PERSONNEL AND SERVICE UNITS
NAME UNIT NO. & TYPE LOCATION
Allen F. Walthers P.O. Hays, KS
Craig Dodson Hays RCM Hays, KS
Nick Krabe Hays BIK Hays, KS
3840 8200 Hays, KS

DEPARTMENT CMC
DESCRIPTION OF JOB 1 1/2" L.S.
Part collar 2680
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE [Signature]
HALLIBURTON OPERATOR Allen F. Walthers COPIES REQUESTED

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK BACKED	ADDITIONS	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	225	SA-2	Part	B	18% salt 5% Calsal 34% H ₂ O 32% 1.36	15.5	

SUMMARY
CIRCULATING DISPLACEMENT
BREAKDOWN
AVERAGE FRACTURE GRADIENT
5-MIN. 13-MIN.
SHUT-IN INSTANT HYDRAULIC HORSEPOWER
ORDERED AVAILABLE USED
AVERAGE RATES IN BPM
TREATING DISPL. OVERALL
CEMENT LEFT IN PIPE
FEET 4280 REASON Shoe Joint

VOLUMES
PRESLUSH: BBL-GAL 30 TYPE clay
LOAD & BKDN: BBL-GAL
TREATMENT: BBL-GAL
CEMENT SLURRY: BBL-GAL 54.5
TOTAL VOLUME: BBL-GAL
REMARKS
see chart + Job log
thanks Allen Craig

CUSTOMER

DATE 3-4-97 SEC 11 TWP. 11 RANGE 34 CALLED OUT ON LOCATION 7:45 PM JOB START 2:30 AM
LEASE Bedard WELL# 1-11 LOCATION Manment 2W-2N-14 3/4 S COUNTY Linn STATE Kans
OLD OR NEW (Circle one)

CONTRACTOR Sweetman Dig #2 OWNER Same
TYPE OF JOB Surface CEMENT
HOLE SIZE 12 1/4" I.D. 260'
CASING SIZE 8 5/8" DEPTH 254'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 26.33'
CEMENT LEFT IN CSG. 26'
PERFS. 14.9 BRU Displ

EQUIPMENT

PUMP TRUCK # <u>102</u> CEMENTER <u>Walt</u> HELPER <u>Walt</u>	HANDLING <u>170 SKS</u> @ <u>1.50</u> <u>178.50</u>
BULK TRUCK # <u>315</u> DRIVER <u>Dean</u>	MILEAGE <u>44 pcc sk/mil</u> <u>88.40</u>
BULK TRUCK #	DRIVER
TOTAL <u>1,687.40</u>	

REMARKS: Commit Del Cca
Bumpal Plug 200'
that th

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>13-miles</u>	@ <u>2.85</u> <u>37.05</u>
PLUG <u>8 5/8" Surface</u>	@ <u>45.00</u>
TOTAL <u>527.05</u>	

CHARGE TO: Mc Coy Petroleum
STREET 3017 N. Cypress
CITY Wichita STATE Kansas ZIP 67226-0027

FLOAT EQUIPMENT

<u>1-Buffer Plate</u>	@ <u>8.50</u> <u>135.00</u>
<u>1-Catalyzers</u>	@ <u>61.00</u>
TOTAL <u>196.00</u>	

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS
RECEIVED
KANSAS CORPORATION COMMISSION

SIGNATURE Brad Bot
APR 17 1997
4-11-1997

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

ORIGINAL

15-109-20641-00-00

RELEASED
5-18-1999
MAY 18 1999

ORIGINAL

HALLIBURTON JOB SUMMARY

WELL DATA
FIELD: ...
FORMATION NAME: ...
INITIAL PROD. OIL: ...
COMPLETION DATE: ...
PACER TYPE: ...

JOB DATA
CALLED OUT: ...
ON LOCATION: ...
JOB STARTED: ...
JOB COMPLETED: ...
PERSONNEL AND SERVICE UNITS:
Name: ... Unit No. & Type: ... Location: ...

MATERIALS
TREAT. FLUID: ...
DISPL. FLUID: ...
PROP. TYPE: ...
ACID TYPE: ...
SURFACTANT TYPE: ...
FLUID LOSS ADD. TYPE: ...
GELLING AGENT TYPE: ...
FRIC. RED. AGENT TYPE: ...
BREAKER TYPE: ...
BLOCKING AGENT TYPE: ...
PERFRAC BALLS TYPE: ...

CEMENT DATA
STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU FT/SK. | MIXED LBS/GAL.
1 | 111 | 2-11 | 2-11 | 2-11 | 2-11 | 3-11 | 11-2

SUMMARY
CIRCULATING: ...
BREAKDOWN: ...
AVERAGE: ...
SHUT-IN INSTANT: ...
ORDERED: ...
TREATING: ...
FEET: ...

CUSTOMER

FROM CONFIDENTIAL HALLIBURTON

CHART
TIME | RATE | VOLUME | PUMPS | PRESSURE | TUBING | CASING | DESCRIPTION OF OPERATION AND MATERIALS
04:30 | 1000 | ... | ... | ... | ... | ... | Called Out
07:30 | 3200 | ... | ... | ... | ... | ... | On loc
08:30 | ... | ... | ... | ... | ... | ... | Start 4 1/2" Opening Tool in Hole and 2 3/4" Telly Tbg going in Hole
12:00 | Press 2000' | 2000 | 2000 | ... | ... | ... | Press up - ok
10:07 | ... | ... | ... | 125 | 125 | ... | Pump thru Port Collar - 2 DBI
10:18 | ... | ... | ... | 975 | ... | ... | Start Mix Cmt
11:11 | 2200 | 112 | 13.1 | 19.4 | 9.50 | ... | Hook Mid Con II 7/8" CC 1/2" Floater
11:11 | ... | ... | ... | 900 | ... | ... | Start Displ
11:21 | ... | ... | ... | 925 | ... | ... | Stop Displ - Cmt Did Circ - 15skt
11:14 | ... | ... | ... | 1500 | 1500 | ... | Press up - ok
11:24 | ... | ... | ... | 600 | ... | ... | Start Rev Out - Start Wkg
11:29 | ... | ... | 13 | 400 | ... | ... | Stop Rev out - Run 4 1/2" Tbg
11:37 | ... | ... | ... | 400 | ... | ... | Start Rev Out - Start Wkg
11:45 | ... | ... | 15 | 400 | ... | ... | Finish Rev out - Hook Clean
Washup + Rack up
Rig - Pull Tbg

CONFIDENTIAL

Thank you for your help

RECEIVED
APR 11 1999
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

CUSTOMER