

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

Operator: License # 5003
Name: McCoy Petroleum Corporation
Address: 3017 N. Cypress Street
City/State: Wichita, KS
Zip: 67226-4003

Purchaser: Gas: None
Oil: Petro Source Corporation

Operator Contact Person: Steve O'Neill
Phone: (316) 636-2737

Contractor: Name: Sweetman Drilling, Inc.
License: 5658

Wellsite Geologist: Roger L. Martin

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____ PBTB _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____

8/2/97 8/16/97 11/3/97
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20982-00-00
County Meade
Spot Location: Appx. 250'E & 15'S of _____ E
S2 NE SW sec. 16 Twp. 34s Rge. 28W X W

1635 Feet from S/N (circle one) Line of Section
3050 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name ENNS "A" Well # 1-16
Field Name Wildcat

Producing Formation Kansas City Swope

Elevation: Ground 2332' KB 2341'

Total Depth 5850' PBTB 5044'

Amount of Surface Pipe Set and Cemented at 1441' Feet

Multiple Stage Cementing Collar Used? XX Yes _____ No

If yes, show depth set 3115 Feet

If Alternate II completion, cement circulated from 3115'
feet depth to 2422 w/ 100 sx cmt.

Drilling Fluid Management Plan ALT 1 2-20-98
(Data must be collected from the Reserve Alt)

Chloride content 5000 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Nichols Fluid Service

Lease Name JOHNSON #1-16 SWDW License No. 31983
NE/4 Quarter 34s S Rng. 32W E/W

County Seward Docket No. D-21572

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
Title Brent B. Reinhardt, Regulatory Geologist Date 11/25/97

Subscribed and sworn to before me this 25th day of November 19 97

Notary Public Lori R. Koehn

Date Commission Expires October 5, 1999

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)

LORI R. KOEHN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10-5-99

Operator Name McCoy Petroleum Corporation Lease Name ENNS "A" Well # 1-16

Sec. 16 Twp. 34s Rge. 28w County Meade

East
 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.)

Log Formation (Top), Depth and Datums Sample
Name Top Datum

See Attached Log Tops:

List All E. Logs Run: Schlumberger / Halliburton

Compensated Neutron Litho Density, Array Induction Micro-

Resistivity, Microlog, BHC Sonic / Cement Bond Log

Geological Report

See Attached DST Reports:

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 Aciditives
Surface	12 1/4"	8 5/8"	24#	1441'	Mid-Con	505	3%CaCl, 6#Gils.
Production	7 7/8"	5 1/2"	14#	5097'	Premium "H"	125	15%Salt, 10#Gils.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	2420'-3103'	Premium Plus Class	100	15% Salt, 10#/sx Gilsonite
<input type="checkbox"/> Plug Back TD	(DV Tool)	"H"		
<input checked="" type="checkbox"/> Plug Off Zone	4955'-4958'	Micro-Mix, Class "H"	50	25 sxs of Micro-Matrix @ 2500 psi
	Squeeze			

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	4955-4958' Kansas City Swope	AC: 175 gals 15% FE-NE, SWB: 10.02 bbls on 3rd Hr @ 78% Oil, SWB: 12.5 bbls on 6th Hr @ 70% Oil.	4958'

TUBING RECORD Size 2 7/8" Set At 4900' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11/3/97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6.68		105		

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4955-4958' KC Swope
(If vented, submit AC0-18) Other (Specify) _____

METHOD OF COMPLETION

Production Interval

ORIGINAL CONFIDENTIAL

McCoy Petroleum Corporation
Enns 'A' #1-16
250' E of S/2 NE SW
Section 16-34S-28W
Meade County, Kansas
API# 15-119-20,982
Spud 8-02-97

ACO-1 Continued

DRILL STEM TESTS:

DST #1 2960'- 2990' (Council Grove 'A')

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

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

2nd Open: GTS 5 min

Gauged	47,200 CFG after	10 min thru 3/4" choke
	47,200 CFG	20 min
	51,400 CFG	30 min
	53,300 CFG	40 min
	53,300 CFG	50 min
	51,400 CFG	60 min

Recovered: 95' Mud

FP: 70-70 / 70-70#

SIP: 886-896#

RELEASED

MAY 06 2000

FROM: CONFIDENTIAL

NOV

NOV 25

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DST #2 2987'- 3010' (Council Grove 'B' Zone)

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

1st Open: GTS 8 min

Gauged	97,300 CFG after	10 min thru 1" choke
	113,000 CFG	20 min
	115,000 CFG	30 min

2nd Open:	303,000 CFG	10 min thru 1-1/2" choke
	251,000 CFG	20 min
	176,000 CFG	30 min thru 1-1/4" choke
	170,000 CFG	40 min
	170,000 CFG	50 min
	170,000 CFG	60 min

Recovered: 20' Mud

400' Slightly Gas and Mud Cut Saltwater

(1% gas, 4% mud, 95% water) (58,000 PPM Chlorides)

FP: 180-220 / 270-320#

SIP: 906-896#

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 07 1997

CONSERVATION DIVISION
WICHITA, KS

DST #3 4730'- 4775' (Lansing 'G' Zone)

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

1st Open: Strong blow OBB in 1 min

2nd Open: GTS Immediately

Gauged:	72,400 CFG after	5 min thru 3/4" choke
	56,800 CFG	10 min
	40,000 CFG	20 min
	28,300 CFG	30 min
	28,300 CFG	40 min
	26,900 CFG	50 min
	Taking Gas Sample	60 min

Recovered: 452' Total Fluid

276' Heavy Gas and Slightly Water Cut Muddy Oil

(56% gas, 24% oil, 6% water, 14% mud)

156' Heavy Gas and Water Cut Oil

(65% gas, 24% oil, 10% water, 1% mud)

20' Slightly Gassy Muddy Water (71,000 PPM Chlorides)

FP: 90-183 / 116-200# (Some plugging action on initial flow)

SIP: 1498-1468#

DST #4 4917'- 4962' (Kansas City Swope Zone)

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

1st Open: GTS 6 min

Gauged:	94,500 CFG after	10 min
	94,500 CFG	20 min
	47,700 CFG	30 min
2nd Open:	21,900 CFG	5 min
	20,900 CFG	10 min
	18,800 CFG	20 min
	121,000 CFG	30 min
	11,900 CFG	40 min
	11,900 CFG	50 min
	10,900 CFG	60 min

Recovered: 4475' Total Fluid

Fluid was reverse circulated into tank truck

recovered approx. 20 bbls.

Fluid was Gassy Oil (50% gas, 50% oil) (34° Gravity)

Estimated fluid recovery as:

4000' Clean Gassy Oil (50% gas, 50% oil)

385' Gas and Water Cut Muddy Oil (5% gas, 57% oil, 18% wtr, 20% mud)

90' Heavy Gas and Oil Cut Muddy Water (Beneath Circ. Sub)

(30% gas, 10% oil, 35% wtr, 25% mud)

FP: 302-548 / 560-1008#

SIP: 1707-1706#

ORIGINAL

DST #5 5188'- 5216' (Novinger Zone)
Open 30", SI 60", Open60", SI 90"
1st Open: Strong blow OBB in 1 min
2nd Open: Weak to strong blow OBB in 5 min
Recovered: 2735' Gas in Pipe
218' Heavy Gas and Slightly Oil and Water Cut Mud
(45% gas, 9% oil, 7% wtr, 39% mud)
60' Gassy Mud Cut Water w/trace oil scum
(15% gas, 53% wtr, 32% mud)
537' Saltwater (93,000 PPM Chlorides)
FP: 130-236 / 282-436#
SIP: 1486-1424#

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RELEASED

MAY 06 2000

FROM CONFIDENTIAL

LOG TOPS:

Wreford Ls.	2860	(-519)
Council Grove 'A'	2964	(-623)
Council Grove 'B'	2985	(-644)
Heebner Sh.	4308	(-1967)
Lansing	4452	(-2111)
Lansing 'G' Zone	4756	(-2415)
Stark Sh.	4945	(-2604)
Swope Zone	4950	(-2609)
Swope Ø	4956	(-2615)
Hushpuckney Sh.	5040	(-2699)
Marmaton	5135	(-2794)
Novinger	5209	(-2868)
Cherokee Sh.	5330	(-2989)
Morrow Sh.	5655	(-3314)
Chester	5721	(-3380)
RTD	5850	(-3509)
LTD	5846	(-3505)

NOV

NOV 25

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DEC 01 1997

CONSERVATION DIVISION
WICHITA, KS



JOB SUMMARY 4239-1

REGION North America	WVA/COUNTRY Mid Continent	BDA/STATE KANSAS	COUNTY MEADE
WBU ID / EMP # 410104 / 48120	EMPLOYEE NAME Tom Boyes	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE DARRYL HANSEN
LOCATION Liberal KS	COMPANY MCCoy	DEPARTMENT 02	JOB PURPOSE CODE 035
TICKET AMOUNT	WELL TYPE 02	DEPARTMENT 5001	LEASE / WELL # ENNS 1-16
WELL LOCATION MEADE LAKE	SEC / TWP / RANG 16 / 34 S / 28 W	JOB PURPOSE CODE 035	

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS
S. ARAM 44839			
S. TELAND 48114			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
53554	7600	84					
50866-75817	150						
42004	84						

Form Name _____ Type: _____
 Form Thickness From _____ To _____
 Packer Type E shoe Set At 5098
 Bottom Hole Temp. Pressure _____
 Misc. Data D.V. Total Depth 2115

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		Hewlett
Float Shoe		
Guide Shoe		
Centralizers F.M.	1	
Bottom Plug		
Top Plug		
Head P.C.	1	
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	Gal/Lb
Perfor Balls	Qty.	
Other		
Other		
Other		
Other		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIONS	YIELD	LBS/GAL
1st	125	4H	B	10% EA-2, 10% Gilsonite, 15% SALT, 4% Halad-322, 1/4% Flocc, 1/4% D-AIR	1.54	14.9
2nd	100	H	B	10% EA-2, 10% Gilsonite, 15% SALT, 4% Halad-322, 1/4% Flocc, 1/4% D-AIR	1.54	14.9

Circulating _____ Displacement _____
 Breakdown _____ Maximum _____
 Average _____ Frac Gradient _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____

Preflush: Gal (BB) 20 Type SUPER FLUOR
 Load & Bkdn: Gal (BSI) _____ Pad: BBI - Gal
 Treatment: Gal (BSI) _____
 Cement Sturr: Gal (BSI) 34 + 27
 Total Volume: Gal (BSI) _____

THE INFORMATION STATED HEREIN IS CORRECT



JOB LOG 4239-5

REGION North America	WVA/COUNTRY Mid Continent	BDA/STATE KANSAS	COUNTY MEADE
WBU ID / EMP # 410104 / 48120	EMPLOYEE NAME Tom Boyes	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE DARRYL HANSEN
LOCATION Liberal KS	COMPANY MCCoy	DEPARTMENT 02	JOB PURPOSE CODE 035
TICKET AMOUNT	WELL TYPE 02	DEPARTMENT 5001	LEASE / WELL # ENNS #116
WELL LOCATION MEADE LAKE	SEC / TWP / RANG 16 / 34 S / 28 W	JOB PURPOSE CODE 035	

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS T C	PRESS (psi) Top Csg	JOB DESCRIPTION / REMARKS
	1330					Called out - Requested 1930
	1910					ON Log - L.D.P.
	2300					Run Csg
	0405					On Bottom
	2418					Hookup to csg + SET PACKER SHOE
	0414					Hook up to cmt.
	0416-4	10		✓		1920 Pump SUPER FLUSH
	0419-5	34		✓		1920 Pump cmt - 125 SKS
	0425-0			✓		1920 Pump down - Drop plug - Wash-up TRK.
	0430-7	124		✓		19450 Pump Displ - Hold + mud
	0449-3			✓		145% Reduce RATE
	0452-0			✓		140% Plug Down
	0453			✓		140% Release Press - Check plug
	0456	1		✓		Drop opening plug
	0417			✓		1/2" Open Div.
	0422			✓		Hook up to Rig pump
	0901-3	10		✓		0200 Hook up to cmt. + Pump SUPER FLUSH
	0908-6	27		✓		0210 Pump cmt. - 100 SKS
	0917-0			✓		0210 Shut down - Drop plug - wash-up TRK.
	0921-7	76		✓		0230 Pump Displ - Hold
	0931-3			✓		55% Reduce RATE
	0933-0			✓		40% Plug Down
	0934			✓		15% Release Press - Tool "closed"

Thank you!
 Tom + Sam + CREW

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ORIGINAL
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JOB SUMMARY 4239-1

REGION North America	NWA/COUNTRY Mid Continent	TICKET # 235 848	TICKET DATE 8-3-97
MBU ID / EMP # L10124 48920	EMPLOYEE NAME Tom Boyer	BDA / STATE KANSAS	COUNTY MEDIE
LOCATION Liberal ks	COMPANY McCoy Pct.	PSL DEPARTMENT 5001	CUSTOMER REP / PHONE BRAD BORTZ 271-1151
TICKET AMOUNT	WELL TYPE D1	API / UWI # 119-209820000	JOB PURPOSE CODE 010
WELL LOCATION PIANS	DEPARTMENT CEMENT	SEC / TWP / RNG 11a-34S-28W	

HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)
Ellwood 14310			
Stanley 48317			
Humphries 49692			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
38242	86						
52938-7131	86						
50822-75505							
50846-5792							

Form Name _____ Type: _____
 Form Thickness From _____ To _____
 Packer Type Set At _____
 Bottom Hole Temp. Pressure _____
 Misc. Data Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar 45ERT	1	Hovco
Float Shoe		
Guide Shoe ST	1	
Centralizers REC	4	
Bottom Plug 5/8	1	
Top Plug 5/8	1	
Head PC	1	
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid		
Prop. Type	Size <td>Lb.</td>	Lb.
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	In
Perpac Balls	Qty.	
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
TIME	8-3-97	8-3-97	8-3-97	8-3-97
	1100	1440	2010	2122

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing		878	KB	1441	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

HYDRAULIC HORSEPOWER

ORDERED	Avail	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET 40.86	CEMENT LEFT IN PIPE	Reason 5600 Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
125	PP	B	3% CC, 10% G. Silsonite, 1% Floccs	3.26	11	
180	"	B	3% CC, 14% Floccs	3.23	11.1	
200	PP	B	2% CC, 14% Floccs	1.32	14.8	

Circulating Displacement _____ Type _____
 Breakdown Maximum _____ Load & Bkdn: Gal - BBI _____
 Average Frac Gradient _____ Treatment Gal - BBI _____
 Shut In: Instant 5 Min 15 Min Cement Slurr Gal - BBI 71 + 1037 44
 Total Volume Gal - BBI _____

Frac Ring #1 | Frac Ring #2 | Frac Ring #3 | Frac Ring #4
 THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER'S REPRESENTATIVE SIGNATURE *Brad Bortz*



JOB LOG 4239-5

REGION North America	NWA/COUNTRY Mid Continent	TICKET # 235 848	TICKET DATE 8-3-97
MSU ID / EMP # L10124 48920	EMPLOYEE NAME Tom Boyer	BDA / STATE KANSAS	COUNTY MEDIE
LOCATION Liberal ks	COMPANY McCoy Pct.	PSL DEPARTMENT 5001	CUSTOMER REP / PHONE BRAD BORTZ 271-1151
TICKET AMOUNT	WELL TYPE D1	API / UWI # 119-209820000	JOB PURPOSE CODE 010
WELL LOCATION PIANS	DEPARTMENT CEMENT	SEC / TWP / RNG 11a-34S-28W	

HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)
Ellwood 14310			
Stanley 48317			
Humphries 49692			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS T C	PRESS. (PSI) Tbg Csg	JOB DESCRIPTION / REMARKS
	1100					Called out - REP. '1500"
	1440					on loc - T.O.H.
	1540					Run Csg @ 878 - 1441
	1722					On Bottom
	1730					Hook-up to csg - 8' connection

2010						Hook-up to cmt.
2012-0-1						9/20 Pump Bottom plug T. H ₂ O
						2 1/2 Lost top plug
2015-0-6	72					100 Pump Lead
						130 Pump Lead
2029-0-6	47					130 Pump tail
2049-0-0						13% Shut down - Drop top plug
2048-0-6	89					100 Pump Displ.
						100 shut down - Jet collar - to out
2030-0-0						100 Pump Displ.
215-0-0						100 shut down - 50 hbls out
2107-0-3						100 Pump Displ.
2112-1						135% Regular Rate
2120-0						135% Pump Down
2127						140% Release Pressure - Float held

Cement to SURFACE
 Cement in COLLAR
 Thank you



JOB SUMMARY 4759-1

REGION North America	NW/COUNTRY MID CONTINENT USA	TICKET # 231756	TICKET DATE 9-19-97
MBU ID / EMP # 420105 G2098	EMPLOYEE NAME JASON NICHOLAS	BOA / STATE OKC KS	COUNTY MEADE
LOCATION LIBERAL KS	COMPANY MCCOY PETROLEUM	PSL DEPARTMENT CEMENT 5001	
TICKET AMOUNT	WELL TYPE 01	CUSTOMER REP / PHONE	API / UWI #
WELL LOCATION	DEPARTMENT CEMENT 5001	JOB PURPOSE CODE 075	
LEASE / WELL EJWS 1-16	SEC / TWP / RANG 16-345-28W		

HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)
JASON NICHOLAS G2098	MELVIN FOX E0483	STAN TEBROD H4811	JEFF FOOST G9715

HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES
52938-7151		470044		52276-7649		40074	

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Peripac Balls	Qty.	
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
TIME	0430	0730		0

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	USED	15.5	5.5	KR	
Liner					
Tbg/D.P.	USED	2 7/8	2 7/8	KR	4856
Open Hole					SHOTS/FT.
Perforations	9955-4958				

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				SQUEEZE
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED	Avail	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIONS	YIELD (LBS/GAL)
25		Micro Mat	SKS	6% HALAD 322	1320 12#
25		Premium	BULK	6% HALAD 322	1,066 16.4

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bknd:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal (8)
Start Inc Instant	5 Min	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	53 47

THE INFORMATION STATED HEREIN IS CORRECT

JOB LOG 4259-5

REGION North America	NW/COUNTRY Mid Cont	BOA / STATE Mid Cont	COUNTY Meade
MBU ID / EMP # 420105 G2098	EMPLOYEE NAME JASON NICHOLAS	PSL DEPARTMENT Lib. Tools	
LOCATION LIBERAL KS	COMPANY MCCOY	CUSTOMER REP / PHONE HANSON 277-1251	
TICKET AMOUNT	WELL TYPE 01	API / UWI #	JOB PURPOSE CODE 195
WELL LOCATION EJWS 1-16	DEPARTMENT CEMENT	SEC / TWP / RANG 16-345-28W	

HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)	HES EMP NAME/EMP#(EXPOSURE HOURS) (HRS)
JASON NICHOLAS G2098	MELVIN FOX E0483	STAN TEBROD H4811	JEFF FOOST G9715

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	DUMPS T C	PRESS. (PSI) Top Cap	JOB DESCRIPTION / REMARKS
	7:30					Called out on loca. wait on H2O Stand Job
	9:35	2.0	8	X	800	Load + Pressure Annl.
	9:46	.7	10		1500	Breakdown
	10:30	1	10	X	1500	Mix + Pump
	11:00	-	-	-	-	WASH LINES
	11:03	1.3	0	X	1100	Disp w/ H2O
	11:20	1.0	21	X	1300	Cont on Perf
		1.0			1310	1 Bbl out
		1.0			1312	2 "
		.5			1325	3 "
					1440	4 "
					2780	5 " All Metrex out
	11:31				2500	6 " Cls on Perf
	11:36	3	0		Open 800	Red. out.
	11:50	3	30		Open 500	Shut down.
	11:54					Pull 10 Stds 600' = 4246'
	12:05	1	2%		500	Pressure Annl.
	12:07	1	1		2500	Pressure Tub - CK, Sq.
	12:15				1500	Break + Close.

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