

077-21455-0000

ORIGINAL

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

Operator: License # 4706

Name: MESSENGER PETROLEUM, INC.

Address 525 S. Main

City/State/Zip Kingman, KS. 67068

Purchaser: CP ENERGY

Operator Contact Person: Jon F. Messenger

Phone (620) 532-5400

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: Jon F. Messenger

Designate Type of Completion

New Well  Re-Entry  Workover

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

If Workover:

Operator: \_\_\_\_\_

Well Name: KCC WICHITA

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. \_\_\_\_\_

4-30-03 5-6-03 7-16-03  
Spud Date. Date Reached TD Completion Date

API NO. 15-

County Harper

100'S NW NW NW Sec. 1 Twp. 31S Rge. 8 X <sup>E</sup> <sub>W</sub>

430 Feet from S/N (circle one) Line of Section

330 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 McIntyre Well # C-1

Field Name Spivey-Grabbs

Producing Formation Mississippian

Elevation: Ground 1645 KB 1654

Total Depth 4450 PBTD 4412

Amount of Surface Pipe Set and Cemented at 212'  Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 212'

feet depth to surface w/ 160 sx cmt.

Drilling Fluid Management Plan see 1st pg 9.4.03  
(Data must be collected from the Reserve Pit)

Chloride content 33,000 ppm Fluid volume 1600 bbls

Dewatering method used settlement

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name MESSENGER PETROLEUM, INC.

Lease Name Nicholas License No. 4706

NE Quarter Sec. 20 Twp. 30 S Rng. 8 E/W

County Kingman Docket No D-25,434

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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 Jon F. Messenger

Title President Date 7-30-03

Subscribed and sworn to before me this 30th day of July, 2003

Notary Public John M. Wood

Date Commission Expires 9-9-2006

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)

JOHN M. WOOD  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 9/9/2006

Operator Name: **MESSENGER PETROLEUM, INC.** Lease Name: **McIntyre** Well #: **C-1**

Sec. **1** Twp. **31** Sge. **8**  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 Compensated Porosity  
 Dual Induction

Log  Sample

Name	Top	Datum
Herington	1558	+96
Howard	2828	-1174
Heebner	3395	-1741
Lansing	3630	-1976
BKC	4134	-2480
Mississippi	4372	-2718
RTD/LTD	4450	-2796

**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	24	212	60/40Poz	160	3% CC
Production	7-7/8	4-1/2	10.5	4447	50/50Poz	125	2%gel, 2%CC
						8%Fla	302.1/4#CF, 5#CS

**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
2	Mississippi 4374-4382	1000 gal MCA	4374-4382
	8' w/2SPF		

**TUBING RECORD** Size: **2-3/8** Set At: **4388** Packer At: **-** Liner Run:  Yes  No

Date of (First) Resumed (Production) SWD or Inj. est. **September 2003** Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2	227	27	113,500:1	33

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** Mississippi 4374-4382

15-677-21455-0000

ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER 6214	
Date	4-30-03	Lease	McINTYRE	Well #	C-1
Customer ID		County	HAILPEN	State	Ks
MESSENGER PET. Co.		Depth	24'	Formation	
		Casing	8 5/8	Casing Depth	212'
		TD	215'	Shoe Joint	15' CO. NEW P&W
		Customer Representative	LANNY SALOGA	Treater	T. SESA
		Job Type	8 5/8 SURFACE	NEW	WELL

CHARGE

AFE Number	PO Number	Materials Received by	X <i>Lanny Saloga</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	160 SKS	60/40 P&Z	✓			
C-310	44 lbs	CALCIUM CHLORIDE	✓			
F-163	1 EA	8 5/8 WOODEN AUG	✓			
RECEIVED 8-20-03 AUG 20 2003 KCC WICHITA						
E-107	160 SKS	CEMENT SERV. CHARGE				
E-100	40 M <sup>2</sup>	UNITS /WAY MILES 40				
E-104	276 TM	TONS MILES				
R-200	1 EA	EA. 212' PUMP CHARGE				
DISCOUNTED PRICE =				2,290.53		
+ TAXES						

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383

TOTAL

**TREATMENT REPORT**



Customer ID	Date	
Customer	4-30-02	
Lease	Lease No.	Well #
McIntyre		C-1

Field Order #	Station	Casing	Depth	County	State
6214	Pratt	8 5/8	212'	HARPER	KS
Type Job	Formation	Legal Description			
8 5/8 SURFACE NEW WELL	TP=215'	7-315-8W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
8 5/8				160 SKS 60/40 P02				5 Min.
Depth	Depth	From	To	Pre Pad		Max		10 Min.
212'				2 1/2 GAL 3% C.I.				15 Min.
Volume	Volume	From	To	Pad		Min		
12.52				14.7 gal 1.25 FT <sup>3</sup>				
Max Press	Max Press	From	To	Frac		Avg		
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load
197								

Customer Representative	Station Manager	Treater
LANNY SALOGA	D. AUTRY	T. SEBA

Service Units	114	35	57	32	75
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
13:00					RECEIVED
					COLLECTOR
					AUG 20 2009
					8-20-03
					KCC WICHITA
15:15					ON LOC W/ TRK'S & SAFETY MTG.
16:30					RUN SET'S 8 5/8 24" CSG NEW
					START CSG
16:37					CSG ON BOTTOM
16:45					HOOK UP TO CSG
					BREAK CIRC W/ 5%G
					START PUMPING
			10	6	
					STAG MIX & Pump 160SKS 60/40 P02 & 14.7 gal
			35.62	6	SHUT DOWN & RELEASE PLUG
					START DISP
17:02	100		12.5		SHUT DOWN
17:04	150				CLOSE VALVE ON CSG.
					GOOD CIRC THRU JO3
					CIRC OUT TO COLLAR
					LET SET 15 MIN
					CMT IN COLLAR ✓
					JOB COMPLETE
					THANKS TOJD

15-077-21455-0000

**TREATMENT REPORT**

**ORIGINAL**



Customer ID	Date
Customer Messenger Pet	5-7-03
Lease McIntire	Lease No.
	Well # C-1

Field Order # 6087	Station Pratt KS	Casing 4 1/2	Depth 4447	County Harder	State KS
Type Job Long String New Well			Formation	Legal Description 1-313-8w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 12.5% H <sub>2</sub> O 50-50 per 2% Gel 1/4 P.F.	RATE	PRESS	ISIP
Depth 4416	Depth PBTD	From	To	Pre Pad 2% 200 5 #/100 ft, 2% FLA-322	Max		5 Min.
Volume 70.2	Volume	From	To	Pad 1.51 13.8 ppq	Min		10 Min.
Max Press 2000	Max Press	From	To	Flow 33.6 Bbl. 5C	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packoff Depth	From	To	Flush 750 gal. m.f.	Gas Volume		Total Load

Customer Representative Jon Messenger	Station Manager Dave Autry	Treater D. Scott
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Service Units	106	35	57	32	25
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2300					On loc w/ Talk. Safety mtg
					RECEIVED
					6.5 on Bottom ISFV w/ Fill Top S. J.
					Pen. 2-5-7-11
					Msg on Bottom Drop Balla Perc w/ R. J.
					AUG 20 2003 8-28-03 KCC WICHITA
0417	250		15	5	H <sub>2</sub> O Spacer 2 1/2 H <sub>2</sub> O
0421	250		18	5	St mid Flush
0424	250		5	5	H <sub>2</sub> O Spacer
0425	300		33.6	5.5	mix amt 2 13.8 ppq 125 sk.
0435			10	5	Chose Ina Wash Pumping line
0437	100			7	Release Plug + St Disp w/ H <sub>2</sub> O
0443	350			6.5	Lifting amt 50 Bbl. Disp out
0448	1300		70.2	6	Plug Down psi Test Psg
0450	6				Release ps. Hold
					Recip Psg Thru Job
					Good Perc. ✓
					Plug R. H. + M. H. 125 sk 60-4000
					Job Complete
					Thank you Scotty

15-077-21455-0000 ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER 6087	
Date	3-7-03	Lease	Mc Intire	Well #	C-1
Customer ID		County	Harper	State	KS
		Depth		Formation	TP=4447' 10.5' of 31.44
		Casing	4 1/2	Casing Depth	4447'
				TD	4450'
		Customer Representative	Jon Messenger	Treater	D. Scott

CHARGE

AFE Number	PO Number	Materials Received by	X Jon J. Messer
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 sk.	50-50 pot Common				
D203	25 sk.	60-40 pot Common				
C310	214 lb.	Calcium Chloride				
C194	32 lb.	Pell Flake				
C320	214 lb.	Pmt Gel				
C195	86 lb.	FLA-322				
C243	11 lb.	Defoamer				
C311	625 lb.	Cal Set				
C141	2 gal	CC-1				
C302	750 gal	mud Flush				
E190	1 ea	Guide Shoe 4 1/2"				
F230	1 ea	ISFV w/Fill "				
F142	1 ea	Top Swiper Plug "				
F100	4 ea	Centralizers "				
E107	130 ski	Pmt Serv Chg				
E100	1 ea	UNITS 1 way MILES 40				
E104	258 tm	TONS 1 way MILES 40				
R209	1 ea	EA. 4001-4500 PUMP CHARGE				
R201	1 ea	Pmt Head Rental				
Discounted Price =				4136.93		

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15-077-21455-0000

**TREATMENT REPORT**



Customer ID	Date	<b>ORIGINAL</b>			
Customer <i>Messenger Pet</i>	<i>5-7-03</i>				
Lease <i>Mc Intire</i>	Lease No.	Well # <i>C-1</i>			
Order # <i>287</i>	Station <i>Pratt KS</i>	Casing <i>4 1/2</i>	Depth <i>4447</i>	County <i>Harper</i>	State <i>KS</i>
Job <i>Long String New Well</i>	Formation	Legal Description <i>13 1/2 - 8w</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <i>416</i>	<i>PBTD</i>	From	To	<i>2.5 sk 50-50 por 2%</i>	<i>6el 44LF</i>		5 Min.
Volume <i>70.2</i>		From	To	<i>2% 00 5 # 10/101</i>	<i>8% FLA-322</i>		10 Min.
Max Press <i>2000</i>	Max Press	From	To	<i>1.51 #3 13.8 ppg</i>			15 Min.
Well Connection	Annulus Vol.	From	To	<i>33.6 Bbli 5L</i>			HHP Used
Rug Depth	Packer Depth	From	To	Flush <i>750 gal. m.f.</i>			Annulus Pressure
							Gas Volume
							Total Load

Customer Representative <i>Jon Messenger</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>			
Service Units	<i>106</i>	<i>35</i>	<i>57</i>	<i>32</i>	<i>95</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2300</i>					<b>RECEIVED</b> <i>On Loc w/ Trki Safety mtg</i>
					<i>6.5 on Bottom ISFV w/ Fill Top 5.5</i>
					<i>8-20-03</i>
					<b>KCC WICHITA</b> <i>Cent. 2-5-7-11</i>
					<i>1sg on Bottom Drop Ball Circ w/ Rig</i>
<i>0417</i>	<i>250</i>		<i>15</i>	<i>5</i>	<i>H2O Spacer 2% KCL</i>
<i>0421</i>	<i>250</i>		<i>18</i>	<i>5</i>	<i>St mud Flush</i>
<i>0424</i>	<i>250</i>		<i>5</i>	<i>5</i>	<i>H2O Spacer</i>
<i>0425</i>	<i>300</i>		<i>33.6</i>	<i>5.5</i>	<i>mix cmf 2/13.8 ppg 125 sk</i>
<i>0435</i>			<i>10</i>	<i>5</i>	<i>Chose In + Wash Pumpaline</i>
<i>0437</i>	<i>100</i>			<i>7</i>	<i>Release Plug + St Disp w/ H2O</i>
<i>0445</i>	<i>350</i>			<i>6.5</i>	<i>Lifting cmf 50 Bbli Disp out</i>
<i>0448</i>	<i>1300</i>		<i>70.2</i>	<i>0</i>	<i>Plug Down a psi Test Csg</i>
<i>0450</i>	<i>0</i>				<i>Release psi Held</i>
					<i>Recip Csg Thru Job</i>
					<i>Good Circ.</i>
					<i>Plug R.H. M.H. w/ 25 sk 60-40 por</i>
					<b>Job Complete</b>
					<b>Thank you Scotty</b>

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INVOICE NO.	Subject to Correction			<b>FIELD ORDER</b>	6087
Date 3-7-03	Lease McIntire	Well # C-1	Legal 1-31s-8w	Customer ID	County Harper
Customer ID	Depth 4 1/2	Formation TP=4447' 10.5ppf	Shoe Joint 31.44	State KS	Station Pratt KS
Messenger Pet Inc	Casing 4 1/2	Casing Depth 4447'	TD 4450	Job Type LongString New Well	
	Customer Representative Jon Messenger	Treater D. Scott			

AFE Number	PO Number	Materials Received by X per J. W. [Signature]
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 ski	50-50 2oz Common	✓			
D203	25 ski	60-40 2oz Common	✓			
C310	214 Lb	Calcium Chloride	✓			
C194	32 Lb	Cell Flake	✓			
C320	214 Lb	Cmt Gel	✓			
C195	86 Lb	FLA-322	✓			
C243	11 Lb	Defoamer	✓			
C311	625 Lb	Cal Set	✓			
C141	2 gal	CC-1	✓			
C302	750 gal	mud Flush	✓			
E190	1 ca	Guide Shoe 4 1/2	✓			
F230	1 ca	ISFV w/Fill	✓			
F142	1 ca	Top Swiper Plug "	✓			
F100	4 ca	Centralizer "	✓			
E107	130 ski	Cmt Serv Chg				
F100	1 ca	UNITS 1 way MILES 40				
E104	258 tm	TONS 1 way MILES 40				
R209	1 ca	EA. 4001-4500 UMP CHARGE				
R201	1 ca	Cmt Head Rental				
Discounted Price =				4136.93		

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