

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 31609
Name: Priority Oil & Gas LLC
Address: PO Box 27798
City/State/Zip: Denver, CO 80227-0798
Purchaser: Midwest United Energy
Operator Contact Person: Jessica Trevino
Phone: (303) 296-3435
Contractor: Name: Stewart Brothers Drilling
License: 32765
Wellsite Geologist: none ✓
Designate Type of Completion: S-1-2001
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
5/23/01 5/24/01 7/16/01
Spud Date or 5/23/01 Date Reached TD 5/24/01 Completion Date or
Recompletion Date 7/16/01 Recompletion Date

API No. 15 - 023-20408-0000
County: Cheyenne
W/2 SW SW Sec. 10 Twp. 4 S. R. 40 East West
672 feet from (S) / N (circle one) Line of Section
379 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Harkins Well #: 1-10
Field Name: Cherry Creek
Producing Formation: Beecher Island/Niobrara
Elevation: Ground: 3474 Kelly Bushing: 3479
Total Depth: 1427 Plug Back Total Depth: 1371
Amount of Surface Pipe Set and Cemented at 319 ✓ Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from N/A
feet depth to _____ w/ _____ sx cmt.

CONSERVATION DIVISION
WICHITA, KS
AUG 01 2001

Drilling Fluid Management Plan APC 1 B.H. 4-30-02
(Data must be collected from the Reserve Pit)
Chloride content 14200 ppm Fluid volume 608 bbls
Dewatering method used Evaporate
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: Amy Dickman
Title: Admin Asst Date: 7/20/01
Subscribed and sworn to before me this 20th day of July
2001
Notary Public: Jen S. [Signature]
Date Commission Expires: 3-29-05

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

KCC

X

ORIGINAL

Operator Name: Priority Oil & Gas LLC Lease Name: Harkins Well #: 1-10
 Sec. 10 Twp. 4 S. R. 40 East West County: Cheyenne

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

CNL-Density
 Induction-SP-GR
 Cement Bond

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Niobrara

Beecher Island 1238' 2241 msl

KANSAS COMMISSION
 AUG 01 2001

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	9 7/8 in	7 in	24 #	319	Reg	90	3%cc, 1/4#sk flocele
Production	7 7/8 in	4 1/2 in	10.5 #	1413	50/50 Pozmix	100	2% gel, 10% salt

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
		Amount	Kind	Material	Used	
1	1243-1268	500 gal, 7.5% HCl, CO2 foam frac w/				1243-
		77,170	20/40	25,060	12/20	1278
2	1268-1278					

TUBING RECORD		Size	Set At	Packer At	Liner Run
none					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
			<input checked="" type="checkbox"/> Flowing <input 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

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

16/ 22
505 287 7660

ORIGINAL Ticket

DELIVERY TICKET
ST. FRANCIS SAND AND
Redi-Mix
P. O. Box 281 ST. FRANCIS, KS 67756
REDI-MIX CONCRETE
EXCAVATING
Phone 332-3123
No. 009079

Date: 5-24-01

PROJECT: JS. 467
SOLD TO: Stewart Bros drilling
ADDRESS: Hartins 1-10

Time Loaded
Time Delivered
Time Released
Time Returned

It is agreed that free unloading time shall be 15 minutes for each first cubic yard and 10 minutes for each yard thereafter. A charge of \$1.00 for each 10 minutes excess time will be made.
Delivery inside curb line made only at risk of purchaser.
No damage claims considered without proof of driver negligence.

Rec'd by: Joe Sarsely

Truck No.	Driver	Quantity	Price	Amount
		9 yd	75 ⁰⁰ / ₁₀₀	675 00
Mix	Slump S - M - D	Total Miles 3	Mileage	6 30
Added Water Reduces Strength & durability				
Gals Added Authorized By				
				681 30
Cash	Charge	Sales Tax		47 01
				Total 728 31

7-19-01; 4:05PM; Stewart Brothers

RECEIVED
STATE CORPORATION COMMISSION

AUG 01 2001

CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

DELIVERY TICKET

Ticket

ST. FRANCIS SAND

No. 009083

AND

Redi-Mix

P. O. Box 281 ST. FRANCIS, KS. 67756

REDI-MIX CONCRETE
EXCAVATING

Phone--
332-3123

Date 5-25-01

RECEIVED
STATE CORPORATION COMMISSION

AUG 01 2001

CONSERVATION DIVISION
WICHITA, KANSAS

PROJECT 1-30 Harkins

SOLD TO Priority Oil & Gas

ADDRESS:

Time Loaded
Time Delivered
Time Released
Time Returned

It is agreed that free unloading time shall be 15 minutes for each first cubic yard and 10 minutes for each yard thereafter. A charge of \$1.00 for each 10 minutes excess time will be made.
Delivery inside curb ~~loading~~ only at risk of purchaser.
No damage claims considered without purchaser's negligence.

PAID
BY [Signature]

Rec'd by [Signature]

Truck No.	Driver	Quantity	Price	Amount
		1000	750	750.00
Mix	Slump	Total Miles	Mileage	
	S - M - D	4	210	840
Added Water Reduces Strength & durability				
Gals Added	Authorized By			50.00
				808.40
Cash	Charge	Sales Tax		55.78
		Total		864.18

DAILY DRILLING REPORT

NIOBARRA DEVELOPMENT WELL

WELL NAME 120 HARKINS	24 HR PROGS 295	TMD 300	TVD 300	REP# 1	DATE 5-24-01
SUPERVISOR Walt Smith	TRK. NAME & # Stewart 51	FIELD NAME Sherry Cr	AUTH ID 1550	DAILY TANK \$	CUM TANK \$
CURRENT STATUS Drilling Surface hole	24 HR FORECAST Run & cmt surf drill to TR Log run csg		DAILY INT \$	CUM INT \$	DAILY TOTAL \$ 10,365
LITHOLOGY Sd, shale & chalk	LAST CASING IN @ - FT	NEXT CASING IN @ 319	AFE #	CUM COST \$ 10,365	AUTH COST \$

MUD DATA		ADDITIVES	QTY	BIT RUN DATA				PUMP DATA	
OBENS (psi)	8.9	Gel	34	BIT #	1	BIT #	1	STROKE	5 1/2
VIS	47	Soda Ash	2	SIZE (in)	9 7/8	DEPTH IN	5	LINER	10
WL- API	NC	Drispac	2	MFR	-	DEPTH OUT	-	SPM	7282
WT		Polymer	1	TYPE	-	WOB min/max	2.10	OUTPUT (psi)	395
		PetroLube	1	SERIAL #	-	RPM	60.90	PRESS (psi)	225
		Surf drill	1	RETS 12/3	181818				

FROM	TO	HOURS	OPERATIONS SUMMARY
1200	1230	1/2	Move Equipment Not by Bruce Brayse, FCC, 5-17-01, 1645
1230	2145	9 1/2	Rig Repair - Transmission
2145	2245	1	Move Equipment
2245	0100	2 1/4	Rig Up
0100	0300	2	Mix mud - Build Volume
0300	0700	4	Drilling 5-300
			Rig 9 7/8 hole 8850
			Dig Pits 200
			Rd & Loc 200
			Water Source 250
			handle csg 200
			PLT 565
			Kevin 100
			10365

24 HR SUMMARY
MIRV, Rig Repair, drill surf hole

IN LIEU OF SURFACE CEMENT TICKET
- OK'ed by DAVE WILLIAMS

DAILY DRILLING REPORT
NIOBRARA DEVELOPMENT WELL

24 HR PROG 1127		TIME 1427	TIME 1427	REP# 2	DATE 5-25-01
SUPERVISOR Walt Smith		RIG NAME & # Stewart 51	FIELD NAME Cherry Cr	DEPTH 1550	DAILY TANK \$
CURRENT STATUS Circulating @ 1427' KB TD		DAILY INT \$		CUM TANK \$	
24 HR FORECAST Log, Run & Int Prod on Yokose rig		DAILY TOTAL \$ 14851		CUM COST \$ 25216	
LITHOLOGY Shale, Chalk		LAST CASING 7" IN @ 319' FT	NEXT CASING 7 1/2" IN @ 1413'	AFE # -	CUM INTANG \$

MUD DATA		ADDITIVES		EXIT RUN DATA		PUMP DATA		
WEIGHT (ppg)	8.7	KCL	126	BIT #	1	2	STROKE	5 1/2
VISC (sec/cp)	40	Starch	50	SIZE (in)	9 7/8	6 1/4	DEPTH IN	5 325
WL - API	4.0	Driscoll	4	WFR	-	Moqab	DEPTH OUT	325 1427
PH	-	Rings out	2	TYPE	-	Drag	WOB	395
		Soda Ash	1	SERIAL #	-	-	min/max	2.10 5.12
		Surf drill	1	NETS 1/2/3	18	18	RPM	60.95 75.05
		Petrolube	1				min/max	2.25

FROM	TO	DEPTH	OPERATIONS SUMMARY
0700	0730	1/2	Drilling 300 - 325' KB Shale @ 175' KB
0730	0815	3/4	Circulate @ 325' KB
0815	1000	1 3/4	Trip out - Trip in - Wiper Trip
1000	1030	1/2	Circulate @ 325' KB
1030	1100	1/2	TOOLS
1100	1115	1/4	Rig up to run casing
1115	1315	2	RAN 11 H ₂ S (314.53') 7" 17# H-40 8rd STC open-ended casing w/1 centralizer landed @ 319' KB.
1315	1330	1/4	Circulate casing @ 319' KB
1330	1400	1/2	Pump 7 Bbl fresh water pretlush, 90 SX regular w/ 3% ec premixed @ 15.3 PPT, displaced w/ 11.5 Bbl mud. Circulate 2 Bbl cement to surface Cement in place @ 14:00
1400	2200	8	WOC
2200	0615	8 1/4	Drilling 325 to 1427' KB
0615	0700	3/4	Circulate @ 1427' KB
			Rig 9 7/8 hole 150
			Rig 6 1/4 hole 14326
			Rig haul water 375
			14851

24 HR SUMMARY
Drill surf, run & int surf casing, WOC, drill to TD, Circulate

DAILY DRILLING REPORT
NIOBARRA DEVELOPMENT WELL

NAME 10 Harkins	24 HR PROG -0-	TMD 1427	TVD 1427	REPT # 3	DATE 5-26-01
DRIVICOR Walt Smith	RIG NAME & # Stewart 51	FIELD NAME Cherry Cr	AUTH ID 1550	DAILY TANG \$	CUM TANG \$
CURRENT STATUS WOL Production Casing	24 HR FORECAST WOL			DAILY INT \$	CUM INTANG \$
LITHOLOGY	LAST CASING 4 1/2 IN @ 1413 FT	NEXT CASING		DAILY TOTAL \$ 15017	CUM COST \$ 40,237
				AFE #	AUTH COST \$

MUD DATA				ADDITIVES				BIT RUN DATA				SUMMARY DATA							
DENS (PPG)	VIS (sec/cp)	WL-API	PH	QTY	CONC	QTY	CONC	BIT #	SIZE (in)	MFR	TYPE	SERIAL #	DATE	STROKE	LINER	SPM	OUTPUT (KWH)	PRESS (PSI)	

FROM	TO	HOURS	OPERATIONS SUMMARY
0700	0715	1/4	Circulate @ 1427' KB
0715	0745	1/2	Shut Trip 1427-1082
0745	0830	3/4	Circulate @ 1427' KB
0830	1400	5 1/2	Wait on Schlumberger - Circ @ 1427' KB
1400	1600	2	Log down drill string
1600	1730	1 1/2	Wait on Schlumberger
1730	1930	2	Schlumberger ran E-Logs: DIL 1419-318, CNL/FDC 1397-450, Logger TD 1427' KB. Boecher Island 1240-1278, Ave Res 3 1/2, min 3, max 4 1/2 Ave XO 1240-1268 2 1/2, 1268-1278 2 1/2.
1930	2000	1/2	Rig Up to run Prod Csg
2000	2200	2	Ran SS Float Shoe (1.42') on 34 JTs (1407.67') New 4 1/2 10 ⁵ J-55 8rd STC Casing. Total 1409.09' Set @ 1413' KB PBTID 1371' KB
2200	2230	1/2	Circulate Casing @ 1413' KB
2230	2300	1/2	Pump 10 Bar fresh water preflush, 100 SK regular premixed @ 15.3 PPG, Wash out lines, displace latch down plug to a shut off w/ 21.8 Bar

24 HR SUMMARY
 Wait on Schlumberger, log, run & cmt Prod Csg, hAng Casing, release rig

DAILY DRILLING REPORT

NIOBRARA DEVELOPMENT WELL

NAME 1-10 Harkins	24 HR PROG	TMD 1427	TVD 1427	REPT # 3 Cont'd	DATE 5-26-05
SUPERVISOR Walt Smith	RIG NAME & # Howard 51	FIELD NAME Cherry Cr	AUTH ID 1550	DAILY TANG \$	CUM TANG \$
CURRENT STATUS				DAILY INT \$	CUM INTANG \$
24 HR FORECAST				DAILY TOTAL \$	CUM COST \$
LITHOLOGY	LAST CASING IN @ FT	NEXT CASING IN @ FT		AFE #	AUTH COST \$

MUD DATA		ADDITIVES	QTY	BIT RUN DATA				PUMP DATA	
DENS (ppg)				BIT #				STROKE	
VIS (sec/qt)				SIZE (in)		DEPTH IN		LINER	
WL- API				MFR		DEPTH OUT		SPM	
pH				TYPE		WOB min/max	1 1	OUTPUT (ppm)	
				SERIAL #		RPM min/max	1 1	PRESS (psi)	
				JETS 1/23					

FROM	TO	HOURS	OPERATIONS SUMMARY
			Fresh water. Good circulation while cementing. Plug down @ 23:00 Float held - OK
2300	2330	1/2	Hang casing w/ 12,500#. Flange w/ wellhead. Rig Released @ 23:30
2330	-	-	Rigging Down
			Rig Daywork 9m 2475
			Schlumberger 4000
			Wellhead 575
			Float Equip 775
			Handle Csg 200
			Casing 5462
			Cement 865
			PCI 565
			Net 100
			15017