KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

XSubsequent on (tubing added)

Form ACO-1 September 1999

Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Noble Energy, Inc. Address: 1928 Broadway, suite 2200 City/State/Jip: Denver, CO 80202 Contractor Name: Local Services Inc., Viray, CO Commingled Docket No. Despending Re-pert Corv. to Enhr/SWD Commingled Docket No. Doiler (SWD or Enhr.?) Docket No. Doiler (SWD or Enhr.?) Docket No. Doiler (SWD or Enhr.?) Docket No. Dorielling Fluid Management Plan (Data must be collected from the Reserve Pt) Chloride content ppm Fluid volume bblis Dewatering method used Location of fluid disposal if hauled offsite: Ouarter Sec. Twp. S. R. Dest Dest December Sec. Docket No.: Despending Re-pert Corv. to Enhr/SwD Correct Name: Leas Name: Leas Name: Leas Name: L	Operator: License #	API No. 15 - 023-20842-0000
Address: 1625 Broadway, suite 2200 City/StateAr(2)p. Enewer, CO 60202 City/StateAr(2)p. Enewer, CO 60202 City/StateAr(2)p. Enewer, CO 60202 Departed Contract Person, **enviter Barnett* Operator Contact Person, **enviter Barnett* Operator Contact Person, **enviter Barnett* Operator Contract Person, **enviter Barnett* Operator Contractor: Nume. Excell Section Corner: (aucie ann.) NE SE NW Sub- Lease Nume. **Zweygardt* Well site Geologist: **none* Producing Formston: **Niobrara Section Corner: (aucie ann.) NE SE NW Sub- Lease Nume. **Zweygardt* Field Name: Cherry Creek Niobrara Gas Area Producing Formston: **Niobrara* Elevation: Ground. 3674* Kelly Bushing. 3683* Total Depth: 1747* Plug Back Total Depth: 1700* Amound of Surface Pipe Set and Cemented at 322; cmt wirt10 sx Feet Multiple Stage Camenting Collar Used? yes No. Well Name: Original Comp. Date: Original Total Depth: **Original Comp. Date: Original Total Depth: **Original Comp. Date: Original Total Depth: **Original Comp. Date: Original Comp. Dat		
Section Sect		
Purchaser: Kinder Morgan Contact Person: Jennite Barnett		050
Operator Contact Person:		4020
Phone: (303) 228-4235 Contractor: Name, Excell Services Inc., Way, CO License; 8273 Well #: 44-31 Well #: 44-31 License; 8273 Total Depth: Other Nobrara Gas Area Producing Formation: Niobrara Elevation: Ground: 3674' Kelly Bushing: 3683' Total Depth: 1747 Piug Back Total Cepth Goren Committee of Stage Cementaling Coller Used?		
Contractor: Name: Excell Services Inc., Way, CO Licenses: 2873 Wellstie Geologist: 9273 Wellstie Geologist: 9273 Wellstie Geologist: 9274 New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Oid Well Into as follows: Operator: Well Mame: Operator: Original Comp. Dete: On the Committed Docket No. Despening Re-perf. Com. to Enthr/SWD Plug Back Plug Back Total Depth: Despening Re-perf. Com. to Enthr/SWD Plug Back Other (SWD or Entr.?) Docket No. Docket N		
Wellsite Geologist. none Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Sigw Dry Other (Core, WSW, Expl., Cathodic, etc) Workover/Re-entry. Old Well Info as follows: Operator: Well Name: Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Total Depth: Despening Re-perf. Comv. to Entr/SWD Plug Back Comminiged Docket No. Other (SWD or Entr.?) Notary Public: Military Analyst Date: 3 Hall Original for a period of 12 months). Tricket's Must Be Attached and sworn to before me this B day of Matay Public: My Commission Expires 09/11/2010 MAR 1 9 2001		
Wellsite Geologist: none Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Oil SWD SIOW Temp. Abd. Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Designal Total Depth: 1747 Plug Back Total Depth: 1760' Multiple Stage Cementing Collar Used? Yes Multiple Stage Cementing Collar Used? If yes, show depth set Teet the Completion, cement circulated from test depth to will an agreement plan (Data must be collected from the Reserve Pit) Chloride content ppm Fluid volume bbis Dewatering method used Location of fluid disposal if hauled offsite: Operator Name: Dual Completion Docket No. Dual Completion Date or Recompletion Date or Recompletion Date Notary Public: Notary Public: Notary Public: Notary Public: Workower/Re-entry: Old Well Info as follows: Feet depth to will play a 322, cmt w/110 ax Feet Multiple Stage Cementing Collar Used? If Alti-Dig Vis Plug Back Total Depth: Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content ppm Fluid volume bbis Dewatering method used Location of fluid disposal if hauled offsite: Operator Name: Lease Name: License No: Decket No. Docket No. Operator Name: Lease Name: License No: Decket No. Docket No. Operator Name: Lease Name: License No: Decket No. Docket No.: Notary Public: Wireline Log Received Geologist Well report abule bat canched them (see an de 23-107 raphy. KAMSIS CORPORATION COM MAR 1 9 2000: MAR 1 9 2000: MAR 2 9 2000: MAR 2 9 2000: MAR 2 9 2000: MAR 3 9 2000: Marcommission Expires 09/11/2010		Field Name: Cherry Creek Niobrara Gas Area
Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Gas ENHB SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Into as follows: Operator: Well Name: Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Total Depth: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original		
New Well Re-Entry Workover		Elevation: Ground: 3674' Kelly Bushing: 3683'
Amount of Surface Pipe Set and Cemented at 322. cmt w/110 ax Feet Gas		
Multiple Stage Cementing Collar Used?	•	
Dry	Gas ENHR SIGW	
If Alternate II completion, cement circulated from		If yes, show depth setFeet
Operator:		If Alternate II completion, cement circulated from
Original Comp. Date:Original Total Depth:	Operator:	feet depth tow/sx cmt./
Original Comp. Date:Original Total Depth:	Well Name:	a · i
Plug Back Plug Back Total Depth Commingled Docket No. Dewatering method used Location of fluid disposal if hauled offsite: Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Docket	Original Comp. Date: Original Total Depth:	
Plug Back	Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Dual Completion Docket No. Docket No. Docket No. Other (SWD or Enhr.?) Docket No. Operator Name: License No.: S729/2008 5/31/2008 6/18/2008 Completion Date or Recompletion Date Date Reached TD Date Reached TD Completion Date or Recompletion Date Docket No.: Dock	Plug BackPlug Back Total Depth	.,
Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. 5/29/2008 5/31/2008 6/18/2008 Spud Date or Recompletion Date Ompletion Date or Recompletion Date 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 recomplete and correct to the best of my knowledge. Signature: OTARY KCC Office Use ONLY Letter of Confidentiality Received Wireline Log Received Geologist Report Received MANSAS CORPORATION COM MAR 1 9 2008	Commingled Docket No	
Other (SWD or Enhr.?) Docket No. Lease Name: License No.:	Dual Completion Docket No	Location of fluid disposal if flauled offsite.
Spud Date or Recompletion Date Date Reached TD	Other (SWD or Enhr.?) Docket No	- ''
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	5/29/2008 5/31/2008 6/18/2008	
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 require the pig and the statements industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. Signature: Signature: Date: Date: JUNE Detector Confidentiality Received Wireline Log Received Geologist Report Received UIC Distribution MAR 1 9 2006	Spud Date or Date Reached TD Completion Date or	
Notary Public:	Kansas 67202, within 120 days of the spud date, recompletion, world Information of side two of this form will be held confidential for a period 107 for confidentiality in excess of 12 months). One copy of all wireline in TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged with all requirements of the statutes, rules and regulations promulgated to reherein are complete and correct to the best of my knowledge. Signature: Title: Regulatory Analyst Date: January Analyst	Rover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. of 12 months if requested in writing and submitted with the form (see rule 82-3-logs and geologist well report shall be attached with this form. ALL CEMENTING wells. Submit CP-111 form with all temporarily abandoned wells. Souther the oil and has industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received
Date Commission Expires: My Commission Expires 09/11/2010	Notary Public: / / What When	UIC Distribution MAD 1 0 2000
	Date Commission Expires: My Commission Expires 09/11	12U IU

Operator Name: No	ble Energy, Inc.				Lease Name:	Zweygardt		_ Well #:	31	
Sec. 31 Twp.		East	✓ West		County: Chey	enne				
tested, time tool ope temperature, fluid re	Show important tops en and closed, flowin ecovery, and flow rate gs surveyed. Attach	g and shutes if gas to	in pressures, surface test, a	whe long	ther shut-in pr with final cha	essure reached	static level, hydro	static pressu	ıres, bottoı	n hole
Drill Stem Tests Taken						.og Format	ion (Top), Depth a	n (Top), Depth and Datum		Sample
Samples Sent to Ge	ological Survey	☐ Ye	Yes 🗹 No		Nan Nich	ne Irara		Top 1510'		Datum
Cores Taken ☐ Electric Log Run (Submit Copy)			es No es No		1					
List All E. Logs Run:	:		•		1					
	o (Array Induct), CBL/GR/CC	L	CASING	REC	. —	ew Used	ction, etc.			
Purpose of String	Size Hole	Size	Casing		Weight	Setting	Type of	# Sacks Type and Perc		
Surface	9 7/8"	Set (In O.D.)		17	Lbs./Ft.	Depth 322'	50/50 POZ	Used 110 sx	Additives 3% CaCl25% Flo-ce	
Production	6 1/4"	4 1/2"		11.	6 Lbs./Ft.	1743'	Lead, Type III	42 sx	12% get, 2% (CaCI, .25% Polyfial
					 		Tail, Type III	56 sx	2% Gel,	1% CFL-80
		1	ADDITIONAL	CEN	MENTING / SQ	JEEZE RECORD)			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Туре	of Cement	-	#Sacks Used		Type and Po	ercent Additive	s	
Shots Per Foot			O - Bridge Plug			Acid, Fra	cture, Shot, Cement	Squeeze Reco	rd	
T	Specify Footage of Each Interval Perforated					(Amount and Kind of Material Used) Depth				
3 spf	Perf Niobrara inter			nha		Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 25% CO2 foamed gel pad; 32,534 gals 25% CO2 foamed			<u> </u>	
	(38', 3spf, 114 holes) .41" EHD, 120 degree phas				136	gel carrying 100,520 lbs 16/30 sand. ATP-624 psi; ATR-16.4 bpm.				
				-						
				. 1						
TUBING RECORD	Size 2-3/8 "	Set At 1,566'			acker At /a	Liner Run	Yes ☑ No			-
Date of First, Resumer 7/1/2008	d Production, SWD or E	nhr.	Producing Meth	od	Flowing) Pumpir	ng Gas Lift	Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbis.		Vicf	Wate 0	er B		as-Oil Ratio		Gravity
Disposition of Gas	n of Gas METHOD OF COMPLETION					0 0 Production Interval				
Vented ✓ Sold (If vented, Su	Used on Lease	[Open Hole	. –		tually Comp.	Commingled			