DOT A 7 (CC)

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15-GONEDENTIAL -00 10-7-92
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	County CHEYENNE /
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	APP NW NE sec. 4 Twp. 3S Rge. 39 X West
Operator: License #	4620 Ft. North from Southeast Corner of Section
Name: HARVEST ENERGY COMPANY	$ u$ Ft. West from Southeast Corner of Section
Address P.O. BOX 620006	(NOTE: Locate well in section plat below.)
LITTLETON, CO 80162	Lease Name SHERLOCK Well # 2-4
City/State/Zip	Field Name BIRD CITY
Purchaser: WILLIAMS GAS MARKETING COMPANY	Producing Formation NIOBRARA (BEECHER ISLAND)
Operator Contact Person: ALAN L. NACKERUD	Elevation: Ground '3371 KB 3376
Phone (303) 972-8750	Total Depth 1356 PBTD 1354
Contractor: Name: CRANDALL DRILLING & TRENCHING,	INC. (4950)
License: 30480 Wellsite Geologist: ALAN L. NACKERUD	Q-20 - 9 1 4290 3960
Wellsite Geologist: ALAN L. NACKERUD PEC	EIVED 3630 3300 2970
V New Hell De Embrus Henkessen	2640
Oil SWD Temp. Abd. SEP 2 X Gas Inj Delayed Comp. Dry Other (Core, Water Supplements)	3 O 1991) 1980 IN
X Gas Inj Delayed Comp. Dry Other (Core, Water Supplemental)	ATION DIVISION 1320 990 660
Wich If OMANO: old well info as follows:	172, Kansas 330 A/T I
Operator:	5280 4950 4620 4290 3960 3960 3960 3960 1980 1980 1320 1320 330
Well Name:	Amount of Surface Pipe Set and Cemented at Feet
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used? Yes _X No
Drilling Method:XMud Rotary Air Rotary Cable	If yes, show depth setFeet
6/12/91 6/14/91 7/11/91	If Alternate II completion, cement circulated from
Spud Date	feet depth tow/sx cmt.
Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with	be held confidential for a period of 12 months if requested in -107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or
with and the statements herein are complete and correct to	ulgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Children	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached
Title OWNER Date	C Drillers Timelog Received
Subscribed and sworn to before me this And day of Seg.	Distribution
Notary Public Cheryl & Obbs	KCC SWD/Rep NGPA KGS Plug Other
Date Commission Expires	7, 1992 (Specify)

By Commission expin 8441 W. Bowles Ave.

Littleton, CO 80123

Market Commence

			, ,	SIDE TWO)			ve	*
Operator Name HAR	VEST ENER	RGY COMPAN	<u>M</u>	Lease I	Name _	SHERLO	OCK	Well #	2-4
Sec. 4 Twp. 39	5 Rge30	East West		County	<u> </u>	CHEYENNE	<u> </u>		
INSTRUCTIONS: Show interval tested, ti hydrostatic pressure if more space is nee	s, bottom h	ole temperatu	, flowing re, fluid re	and shir-in	Drace	Hirac Libath			
Drill Stem Tests Tak (Attach Additiona		Yes	⊠ _{No}				Formation Desc	cription	
Samples Sent to Geol	ogical Surv	vey 🗆 Yes	No No				🛛 Log	Sample	
Cores Taken		☐ _{Yes}	No No	Name			Тор	Bott	om
Electric Log Run (Submit Copy.)		⊠ _{Yes}	□ No	NIOBR	RARA		1248	_	
	Repoi		SING RECORD	X New L	Use		production, e		
Purpose of String	Size Ho	e Size	Casing (In O.D.)	Weight Lbs./Ft	T	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	9 7/	8 7		20		256	IDEAL	70	Additives
PRODUCTION	6 1/	4 4 1,	/2	9.5		1354	50/50POZ	75	2% GFL
Shots Per Foot		ATION RECORD potage of Eacl	n Interval	Perforated			Fracture, Shot d Kind of Mate		ueeze Record Depth
2	1248-50 	, 1254-56	, 1260-6	2, 1270-8	34		20/40 SAND 10/20 SAND CO2		SAME
TUBING RECORD	Size	Set	A+	Dl					
N/A				Packer At	j	Liner Run	☐ Yes 🖟	No	
Date of First Prod	uction Pro	ducing Method	Flowing	Pumping [☐ _{Ga}	s Lift 🗆	Other (Explain)	
Estimated Production	on Oil	Bbls.	Gas	Mcf	Water			l Ratio	Gravity
Disposition of Gas:			<u> </u>	91 ETHOD OF COM	PLETIC	ON .			Production Interval
Vented Solo	d Used	on Lease 3.)	-				Dually Complete		
		•	U Othe	er (Specify)		,		. 1	248-1284
							n.	,3	



PO. Box 4442 Houston, Texas 77210

CEMENTING LOG

6-14-91	District Oak		Ticket No <u>& Q S '</u>	70 3	CEMENT DATA: Spacer Type:	ERON CONFIDENTIL
pany <u>Hardest</u> o <i>Skrilad</i>	شرين في		Rig <i>Czandel i</i>	Ods .		fis/sk DensityPP(
my CLENERS			Well No. 2-1/ State 1/5		The second secon	
tion <u>4/X4×L×x</u>	5N: IE:	gin.	Field		LEAD Primo Time	
NG DATA	PIA EL S	jueeze 🗀		naka i li	22.66 Ants	Excess 30
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I ∠ type	We	igni <u>. 9.5</u>	Collar	andre da la col a	Amt. Sks Yield	Excess PP(
					WATER: Leadgals/sk Tail	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
g Depths Top		Bottom			Pump Trücks Used 4957	
				<u> </u>	Bulk Equip: 2 037	
Pipe Size:	Weight T.O.	•				
ACITY FACTORS	47			District Control	Float Equip Manufacturer AAAAA Shoe: Type Comment	Depth /3 49
	Linja <u>: 2016-3</u> Linja:	5. 4. 666	/Bbl: /Bbl	JAN 1994 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Float Type Latt Nouse La	Depth /229
Pipe BMs/	Lin fi.	Lin, ft.	/Bbl		Centralizers, Quantity 2 Plugs To Stage Collars	Birm'
	Lingti <u>.</u> Lingti <u>.</u>		/861 <u></u> /861	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Special Equip	
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7.00						
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AMIZPA TO		TOTAL FLUID	Pumped Per Time Period	RATE Bbls Mic		ARKS
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DISP. PRESS	PC		HICTO CONTRACTOR	and the bright	PSI BLEEDBACK	BBLS. THANK YOU