STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 033-20933-000\$
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	CountyComanche
ACO-1 WELL HISTORY	1 . E
DESCRIPTION OF WELL AND LEASE	C - SW - NW - Sec. 26 Tup. 32s Rge. 18 XX W
Operator: License # 5050	2130 Feet from S/N (circle one) Line of Section
Name: Hummon Corporation	660 Feet from ENV (circle one) Line of Section
Address 950 N. Tyler	Footages Calculated from Nearest Outside Section Corner: NE, (SE), NW or SW (circle one)
Wighita W- (7212 22	Lease Name Acres Well # 1
City/State/Zip Wichita, Ks 67212-32	Field Name Nescatunga
Purchaser:	Producing Formation Marmaton Pawnee & Cherokee
Operator Contact Person: Kent Roberts	Etevation: Ground 2060' KB 2071'
Phone (310 773-2300	Total Depth 5980' PBTD 5800'
Contractor: Name: Duke Drilling Co. anc.	The state of the s
License: 5929 3757 99	Amount of Surface Pipe Set and Cemented at 652 Feet
Wellsite Geologist: Arden Ratzlaff	Hultiple Stage Cementing Coller Used? Yes _X No
Designate Type of Completion $09-23-1999$	Ef yes, show depth setFeet
New Well Re-Entry X Workover	If Alternate II completion, cement circulated from
Oil SWD SIOW Temp. Abd SIGW	feet depth to sx cmt.
X Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan Re-work, 10-5-99
If Workover/Reentry: Old Well Info as follows:	(Data must be collected from the Reserve Pit)
Operator: Hummon Corporation	320
	Chloride contentppm Fluid volume 320 _bbls
Well Name: Acres #/	Dewatering method used
Comp. Date 6-27-97 Old Total Depth 5980	Location of fluid disposal if hauled offsite:
Deepening X Re-perf. Conv. to Inj/SWD	Dahan II Danan
	Operator Name Peter H. Beren
Dual Completion Docket No.	Lease Name V.H.Koehn #12 License No. 3051
Other (SWD or Inj?) Docket No.	SW Quarter Sec. 28 Tup. 29 S Rng. 18 E(W)
B-4-99 Date of Date Reached TD Completion Date	County Kiowa Docket No. 5617
fart of workever.	booker no. 3017
	be filed with the Kansas Corporation Commission, 130 S. Market
 Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with th months). One copy of all wireline logs and geologist well 	spud date, recompletion, workover or conversion of a well. side two of this form will be held confidential for a period of e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS lls. Submit CP-111 form with all temporerily abandoned wells.
all requirements of the statutes, rules and regulations promulgated and the statements herein are complete and correct to the statements are statements.	ated to regulate the oil and gas industry have been fully complied he best of my knowledge.
A A A TON	
Signature 7 (lut 1) all (1)	K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached
itle <u>Lease Operations Manager</u> Date <u>9</u>	/22/99 C Wireline Log Received
subscribed and sworn to before me this $22^{\frac{1}{2}}$ day of $-S_{04}$	C Geologist Report Received
19 94.	Distribution
lotery Public Source Cocknan	KGS Plug Other
Pate Commission Expires 4-10-2003	(Specify)
SINE OF KANG	JOYCE COCHRAN
9 200	My Appt. Exp. 4-10-2003 Form ACO-1 (7-91)

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Operator Name	lummon Co	rporati	on	Lease	• Name	Acres	· { 	Well #	_
26 226	, 10	☐ East		Count	y	Comano	he		
Sec. 26 Twp. 32s	S Rge,⊥O	West ■				1			
NSTRUCTIONS: Show interval tested, tim	important tops	s and base o	of formati	ons penetra	ated.	Detail all	cores. Report	all drill	stem tests givin
ydrostatic pressures if more space is nee	, bottom hole t	emperature,	fluid rece	overy, and f	flow re	ates if gas	to surface duri	ng test.	Attach extra shee
rill Stem Tests Take (Attach Additiona		Yes	□ No	Ä	Log	Formatio	n (Top), Depth	and Datums	☐ Sample
Samples Sent to Geol	ogical Survey	☑ Yes ☐ No		Nam	_		Тор		Datum
ores Taken		`.	Yes No		Heebner Brown I		4262 4438		
lectric Log Run (Submit Copy.)		X Yes		Lan	sing roke	j e ag	4462 5064	2 1	-2391 -2993
ist All E.Logs Run:				Miss	siss derb	sippi look	5113 5510		-3040 -3439
CNL-CDL, DIL.	MOCRO,	SONIC		Vio			5602		-3531
			•	Sim		•	• • • • •		-3687
				Arb	uckl	.e	5930 5984		-3859 -3913
		CASI	IG RECORD				120=		
·	Report a	ll strings s	set-conduc		Ce, in		production, et	c.	
Purpose of String	Size Hole Drilled	Size Ca Set (lr		Weight Lbs./F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"		24#		652 '	Lite Class A	188	3%cc, 2%ge
Production	7 7/8"	5 1/3	2:	15.5#		5755 '	60/40ASC	1788	2%gel 10%s 5%KAL-Seal
	<u> </u>		<u>-</u>	·	}			<u> </u>	
	ADDITIONAL C	EMENTING/SQ	UEEZE REC	ORD			•	. `	·.
Purpose: Depth Top Bottom Typ			Type of Cement #Sacks Used			Type and Percent Additives			
Protect Casing								:	
Plug Back TD Plug Off Zone						· · · · · · · · · · · · · · · · · · ·	* * \$ * \$.	÷ 2=.	39-4
Shots Per Foot	PERFORATION Specify Footas	N RECORD - B ge of Each I			e		racture, Shot, Kind of Mater		ueeze Record Depth
4	5618-21					none	., .	*1	·
	CIBP @	5580							
2	5030-5040 & 5080-5083				6500 Ga	1 20%			
				· ·					
TUBING RECORD 2	Size 3/8	Set At 5544		Packer At 5544	t	Liner Run	☐ _{Yes} ☒	No	N-
Date of First, Resum 8/9/99	ed Production,	, SWD or Inj	. Produ	cing Method	XXF1	owing Deur	ping Gas L	ift 🗆 ot	her (Explain)
Estimated Production	Dil	Bbls.	Gas 20	Mcf	Water O	8bls.	Gas-Oil	Ratio	Gravity
Per 24 Hours	i				L				
isposition of Gas:	METHOD OF	COMPLETION		`		Pro	duction Interv	al	
	Used on 1			· _	Perf.		Comp. Comm		

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RECEIVED KANSAS CORP COMM

ACRES #1 SW NW 26 -32S-18W COMANCHE CO., KS

1999 OCT -5 ₱ 12: 16

8/4/99 RU Clarke Well Service. TOH and lay down in singles, 154 – 3/4" rods, 54 – 7/8" rods, 2 - 4' rod subs. TOH w/ 178 jts 2 3/8" tubing, 1 – 4' pup jt. Sub had dime size hole 1' from top of sub. RU Log-Tech, set 10K CIBP @ 5580'. TIH w/ Model R packer on tubing. SDON.

8/5/99 TIH w/ remainder of tubing to 5096'. RU Acid Services, circ hole w/ 120 bbl treated water. Pull packer to 4982'. RU Log-Tech, Perforate Pawnee 5030' - 5040' w/ 2 SPF 1 11/16" Innovator. Lower packer to 5040', spot acid on perfs, pull and set packer at 4982'. Treat w/ 1000 gal 20% MCA and 30 ball sealers. Stage acid to 2450 psi, broke and treat at 3 BPM, 1750 psi, balled off perfs, surge perfs and finish treating at 3 BPM, 1700 psi. Total load 50 bbl.

ISIP 1250 psi 5 min 1000 psi 10 min 875 psi

RU swab, made 4 pulls to 2200' and KO well to tank. 1st 2 hrs recovered 28 bbl, next 2 hrs recovered 5 bbl. SI to make wellhead connections. 30 minute SITP 500 psi. Opened well and flow to tank w/ strong blow gas and good mist of fluid. Left well flow to tank overnite. SDON.

8/6/99 Had weak blow gas to tank, no fluid recovered. 17 BLTR. Ran swab, recovered 75' fluid. RU Acid Services to treat w/ 4500 gal 20% gel acid. Pump 1500 gal acid, 4.2 BPM @ 2200 psi, 1000 gal 30# linear gel pad, 4.2 BPM @ 2200 psi, 1500 gal acid, 4.2 to 5.3 BPM @ 2200 psi, 1000 gal linear gel pad, 4.3 BPM @ 2300 psi, 1500 gal acid, 5 BPM @ 2300 psi, flush @ 5 BPM, 2300 psi. Total Load 196 Bbl.

ISIP 1250 psi 5 min 1100 psi 15 min 1000 psi 30 min 900 psi

Open to tank, flow 54 bbl in 2 ½ hrs, ran swab fluid @ 1400' FS, swab 1 hr and KO to tank, recovered 24 bbl. Flow 18 bbl next hr, FTP 50 psi.

6:00 pm Flow back total of 116 bbl. Left well flow to tank, 30 – 70 psi FTP, 24/64" choke. **9:00 pm** FTP 110 psi, 24/64" choke, recovered 11 bbl last 3 hrs. Recovered 130 bbl total. 66 BLTR

8/7/99 8:00 am FTP 110 psi, 24/64" choke, 21 BLR in 11 hrs. 45 BLTR. Put well on line @ 9:00 am. Rate 270 mcf, 220 psi line pressure, 220 FTP.

8/9/99 Sold 238 mcf, FTP 220 psi same as line pressure. Blew down to tank, recovered some condensate and 4% oil. Kill well w/ 20 bbl KCL water. RU Log-Tech, perforate Cherokee Lime 5080-5083' w/ 1 11/16" innovator, 3 SPF. Release packer to lower, well KO thru tubing, Kill well again w/ 20 bbl. Ran 3 jts, let packer swing @ 5080', spot acid on perfs, pull and set packer @ 5054'. Treat w/ 1000 gal 20% MCA @ 3 BPM, 350 psi. Increase rate to 4 BPM, 1100 psi. 48 Bbl total load. ISIP on vac.

Pull and set packer @ 4985'. Ran swab, fluid down 800' from surface, KO to tank on 2nd pull, flow to tank for 3 hrs. recovered 60.04 bbl. SI to install choke, 15 minute SITP 350 psi. Flow on ¾" choke, FTP 35 psi from 4:00 pm to 9:00 pm. Recovered total of 98.32 bbl for the day, last 3 hrs average 3.48 BPH. Put down sales line @ 10:00 pm, rate 340 mcfd FTP 250 psi. Final Report.