WELL COMPLETION OF WELL AND LEASE Operator Interns 7 . 5673	STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION	API NO. 15				
Description of Well and Lease Operator Element 5-573 name W_L. Kitchman, Jn.Ds. address P. P. R. ROX, 1801. 1, 452 S. Webb, 300d. City-State-Zip Kitchitch, K6n198 5257. Deparator Contract Present 4807. 1, 452 S. Webb, 300d. City-State-Zip Kitchitch, K6n198 5257. Pronoc (315)-985-3317. Pronoc (315)-985-3317. Contractor Element # 5829. name . Aldebaton, Dx1118 B. Cor., JnC. Elevation: Ground 1721. KB J1730. Elevation: Groun	WELL COMPLETION OR RECOMPLETION FORM	County Barber				
Operator Lorses #	,	SW SW NE Sec 4 Twp 31S Rge 14 We				
aname M. J. McKHNgam, LBC. address J. P. J. ROX 1801, 1931, 1932, S. Bebb Road City-State Zip McNitfe, Kansas S7207 City-State Zip McNitfe, Kansas S7207 Contractor license	Operator: license # 5673					
Operator Contract Person MayTie, I., K.££KBAD Producing Formation D&A	name W. L. Kirkman, Inc.					
Producing Formation D&A. Contractor (Icense # 5829 S829 S829	City/State/Zip Wichita, Kansas 67207	Lease Name Nittler Well# .l				
Contractor (icanse y _ \$227	Operator Contact Person Wayne L. Kirkman Phone (316)685-5372					
Wellate Geologist	Contractor: license #5829					
Pinne (316) 585-3372 Pinne (316) 585-3372 Designate Type of Completion New Well Re-Entry		·				
Designate Type of Completion New Well Re-Entry Workover						
Nen Well Re-Entry Workover 3360 33	PURCHASER None D & A					
New Well SWD	Designate Type of Completion					
Gas Inj Geleyed Comp. EX Dry Other (Core, Water Supply etc.) If OWWO: old well info as follows: Operator Well Amme Comp. Date Old Total Depth Section Date WELL HISTORY Drilling Method: Mud Rotary Air Rotary Cable 5-30-84 6-11-84 6-11-84 Source of Water Source of Water Date Reached TD Completion Date 4685 Orongo Source of Water Total Depth PBTD PBTD	X New Well Re-Entry Workover	3960				
□ Gas □ Inj □ Delayed Comp. SEX DDY □ Other (Core, Water Supply etc.) If OWWO: old well info as follows: Operator Well History Operator Well History Well History Drilling Method: ★ Mud Rotary □ Air Rotary □ Cable 5-30-84	□ SWD □ Temp Abd					
### OWNO: old well info as follows: Operator		2970				
WELL HISTORY Drilling Method: Mud Rotary Air Rotary Cable 5-30-84 6-11-84 6-11-84 Division of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Drivision of Water Resources Permit # Source of Water: Fi North From Southeast Corner a (Well) Fit. West From Southeast Corner a (Stream, Pond etc.). Fit We						
Comp. Date						
WELL HISTORY WELL HISTORY Drilling Method: WELL HISTORY WATER SUPPLY INFORMATION Source of Water: Sourd Date And 6-11-84. Completion Date A685. Total Depth PBTD Amount of Surface Pipe Set and Cemented at 933. Amount of Surface Pipe Set and Cemented at 933. Amount of Surface Pipe Set and Cemented at 933. Amount of Surface Pipe Set and Cemented at 933. Amount of Surface Pipe Set and Cemented at 933. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Surface Pipe Set and Cemented at 948. Water Supply Information on Submitted with the form Set of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submitt CP-11 form with all plugged wells. Submit CP-111 form with all temporarily shandoned wells. Water Supply Information on Submitted with the form. Set one 82-3-103 and		1320				
WELL HISTORY Drilling Method:	•					
WELL HISTORY Drilling Method:		330				
WELL HISTORY Drilling Method:	,	280 950 950 950 950 930 330 330 330				
Source of Water: 5-30-84	WELL DISTANCE					
Division of Water Resources Permit #						
Groundwater. Ft North From Southeast Corner a (Weil) Ft. West From Southeast Corner a (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (Stream, Pond etc.) Ft. West From Southeast Corner at (S	F 20 8/					
Groundwater		Division of Water Resources Permit #				
Well Sec Twp Rge	Spud Date Date Reached 10 Completion Date	Groundwater Ft North From Southeast Corner a				
Sec Twp Rige East West Sec Twp Rige East West Surface Sec Twp Rige East West Surface Sec Twp Rige East West Surface Sec Twp Rige East Surface Sec Twp Rige East Surface Sec Twp Rige East Surface Sec Sec Twp Rige East Surface Sec Twp Right Two Righ	4685					
Stream, Pond etc.). File west From Southeast Corner as Corner and Multiple Stage Cementing Collar Used? Yes No Sec 4 Twp 31S Rge 14 East West	Total Depth PBTD	1				
Stream, Pondetc.	Amount of Surface Pine Set and Comented at 933 test	X Surface Water Falls South From South and South				
Multiple Stage Cementing Collar Used?	Amount of Surface ripe Set and Gemented at					
Instruction Seed depth to	Multiple Stage Cementing Collar Used? Yes No	/ 010 1/				
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission 280 Cylorado Derby Building Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply IECL CORPORATION COMMISSION 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. SEP 1 1 98-4 9-11-84 One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. CONSERVATION DIVISION 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. K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received Distribution K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received Distribution K.C.C. OFFICE USE ONLY C SWD/Rep NGPA NGPA		l ·				
INSTRUCTIONS: This form shall be completed in duplicate and filled with the Kansas Corporation Commission 200 Colorado Derby Building Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply RECEPTOR COMMISSION STATE CORPORATION COMMISSION STATE CORPORATION COMMISSION OF CONTINUES OF THE CORPORATION COMMISSION STATE CORPORATION DIVISION WITCHIS, Assessing the state of the statutes, rules, and regulations promulgeted 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. K.C.C. OFFICE USE ONLY	If alternate 2 completion, cement circulated					
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission 240 (Colorado Derby Building Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply HEUEVED (Commission Commission Com	trom feet depth to w/ SX cmt					
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Signature Wayno L. Kirkman K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Drillers Timelog Received Distribution V/KCC SWD/Rep NGPA V/KGS Plug Other Ot	All requirements of the statutes, rules, and regulations promulgated to regula herein are complete and correct to the best of my knowledge	Wichita, Kansas Ite the oil and gas industry have been fully complied with and the statements				
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Wayne L. Kirkman Title President Date 9-6-84 Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Subscribed and sworn to before me this . 6th. day of . September. 19 .84. Form ACO-1 (7-84)		F : Letter of Confidentiality Attached				
Title President Date 9-6-84 VKCC SWD/Rep NGPA WKGS Plug Other (Specify) Notary Public KATIKatiki Cenucia National Author September 19.84 (Specify) Page Commission Express Nation 1987 Form ACO-1 (7-84)	Wayne L. Kirkman	C Drillers Timelog Received				
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Notary Public KATIKatini Geoutin Quinn at the September 1987 Pate Commission Expires March 20, 1987 Form ACO-1 (7-84)	Date .	SWD/Rep NGPA				
Notary Public KATHKath Leaven Ouinn alle Julian Date Commission Expires Marcil 20, 1987 Form ACO-1 (7-84)	Subscribed and sworn to before me this6.th. day of September	C: 1984 V KGS [] Plug [Other				
Date Commission Expires March 20, 1987 Form ACO-1 (7-84)	Notary Public KATHKatth Ceauth Quinn	Juni 7				
	Date Commission Expires 17 Mar CH 120 . 1987	Form ACO-1 (7-84)				

Operator Name .W. L. Kirkman, Inc.	Lease N	SIDE TWO		☐ East SEC . 4 TWP315 RGE14
		WELL LO)G	. •
giving interval tested, time tool open a	nd closed, fi ble temperat	lowing and sh ure, fluid reco	ut-in pressures	d. Detail all cores. Report all drill stem tests by whether shut-in pressure reached static rates if gas to surface during test. Attach
Drill Stem Tests Taken	∑ Yes	□ No		Formation Description

Drill Stem Tests Samples Sent to	ı aken Geological Survey	xx Yes	□ No			Log [Sample
Cores Taken		☐ Yes	ÇkNo	Na	me		Top Bottom
IF" 75-75 HYD: 1077-	3-2163) Winf ISIP: 808 1055 BHT: ud, chloride	FF: 108- 96°	anda 15-30 108 FSI	0-15-30 P: 765 He Wa	rington baunsee poria		2025 2845 3076
	1355 BHT:	F: 54 FSI	30-15-15 P: 54	La Ba Ma Si	ebner Shalw nsing use Kansas C quoketa mpson Shale	City	3666 3862 4270 4412 4544
IF: 86-86 HYD: 1463-	1-3094) Empo ISIP: 916 1452 BHT: gas in pipe,	FF: 108- 105°F	-108 FSI	P: 711 Ar	mpson Sand buckle		4559 4646
IF: 476-50 HYD: 1874-	7-3828) Lowe 08 ISIP: I 1874 BHT: mud, 180' wa	280 FF: 6	515-626	FSIP: 1280			
IF: 78-177 HYD: 1915-		544 FF: 21 112°F	16-275 F	OSIP: 1464			
DST #6 (442 IF: 39-39 HYD: 2157- REC: 60' r	-2117 BHT:		-30-60 39 FSIP:	275			
IF: 78-190		474 FF: 28	85-393 F			orides)	
Purpose of string	Rep	ort all strings set - c	conductor, surf.	ace, 'ntermediate, 	production, etc. type of	# sacks	type and percent
	drilled	set (in O.D.)	lbs/ft.	depth	cement	used	additives
Surface	. 12½	8.5/8	24	933	Class A	300	2% gel, 3% (
	1						
shots per foot	PERFORATION 6 specify footage of 6		ated	Acid,	Fracture, Shot, (amount and kin	-	
			• • • • • • • • • • • • • • • • • • • •				
			· · · · · · · · · · · · · · · · · · ·			. 	
							<u></u>
TUBING RECORD	size	set at	packer at		Liner Run	☐ Yes ☐] No
Date of First Production	Producing	method	ng 🗌 pump	oing □ gaslift	Other (ex	plain)	
Estimated Production	Oil		Gas	Water	Gas	- Oil Ratio	Gravity
Per 24 Hours	7	Rhie	MCF		Bbis	CFPB	
		Bbls		COMPLETION	BUIS		UCTION INTERVAL-
Disposition of gas:] vented		open hole	perforation			•
_	sold		other (specify)				
Ł	used on lease		<u></u> □Dually C		•		Negaritaria
			☐Commin	gled	4.		es.

15-007-21832-0000

ALDEBARAN

453 SOUTH WEBB ROAD P.O. BOX 18611 WICHITA, KANSAS 67207 (316) 685-5372

WELL LOG

ALING CO.		WELL LOCATION: SW SW NE, SEC. 4-				
		31S-14W, BAR	BER COUNTY, KS.			
OPERATOR: W.L. KIRKMAN, INC.		COMMENCED: 5-30-84				
CONTRACTOR: ALDEBARAN DRILLING CO., INC.		COMPLETED: 6-	11-84			
		175 saes 6 CASING RECORD:	0-40 poz 2% gel 3% cc.			
		<u>8 5/8" set</u>	at 933'			
FORMATION:	FROM:	то:	_			
Red Bed	0	1334				
Lime - Shale	13341	2795'				
Indian Cave - Wabannsee	2795'	2881'				
Lime - Shale	2881'	3094'				
Emporia	3094'	30941				
Lime - Shale	30941	37761				
Douglas - Lower	3776'	3828'	PEOP			
Lime - Shale	3828'	4577'	STATE CORPORATION			
Simpson Sand	4577'	4617'	COMMISSION COMMISSION			
Shale - Lime	4617'	4685'	JUN 1 4 1981			
STATE OF KANSAS) SS: COUNTY OF SEDGWICK)	÷,		ndi nansas			
I CERTIFY THAT THIS IS A TRUE AND CORRECT	COPY OF THE DR	ILLER'S LOG ON THE	WELL DRILLED			
SW SW NE, SEC. 4-31S-14W, BARBER COUNTY, KANSAS		то	TO THE BEST OF MY			
KNOWLEDGE AND BELIEF.						
		ALDEBARAN DRILLII				
·		///0/	WAYNE L. KIRKMAI PRESIDENT			

MY APP STATE BUTTARY PUBLIC STATE BUTTARY PUBLIC Sedgwick County, Kamas My Appt. Exp.3-20-87

MARCH 20, 1987

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12TH DAY OF JUNE, 1984

Kathleen S. Juinn KATHLEEN G. QUINN NOTARY PUBLIC

WELL NAME: NITTLER #1