STATE CORPORATION COMMISSION OF KANSAS OIL & CAS CONSERVATION DIVISION WELL COMPLETION FORM

Date Commission Expires _

ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	SW_ SW_ NE_NW Sec. 11 Twp. 32S Rge. 42 XX W
Operator: License # 30915	4060 Feet from (S/W) (circle one) Line of Section
Name: Richfield Gas Storage Sy	stem 3860 Feet from (E)W (circle one) Line of Section
Address 4200 E. Skelly Dr.	 Footages Calculated from Nearest Outside Section Corner: NE, (SE) NW or SW (circle one)
Suite 1000	
City/State/Zip Tulsa, OK 74135	Lease Name Jackson Well # 2-11
Purchaser:	Field Name Richfield West
Operator Contact Person: Robert L. Hul	Producing Formation <u>Morrow</u>
Phone (918) 747-7000	Elevation: Ground 3472 KB 3483
Contractor: Name: Well Tech	Total Depth 5400 PBTD 5200
License: Unknown	Amount of Surface Pipe Set and Cemented at 1665 Feet
	Multiple Stage Cementing Collar Used? YesX No
Wellsite Seologist: Harold Frauli	 If yes, show depth set Feet
Designate Type of Completion	
OilSWDSIOWTGGasENHRSIGWDryX Other (Core, WSW. Expl., C. Gas Storage If Workover/Re-Entry: old well info as follows:	athodic, etc) Prilling Fluid Management Plan (Data must be collected from the Roserve Pit)
Operator: Hawkins Oil & Gas	Chloride contentppm Fluid volumebbls
Well Mame: Jackson #2-11	Dewatering mathod used
Comp. Date $\frac{4/7/87}{}$ Old Total Depth	5400 Location of fluid disposal if hauled offsite:
Deepening X Re-perf. Conv. to	Operator Name
X Other (SWD or Ini?) Docket No.	Quarter SecTwpS RngE/W
1/28/87 2/4/87 4/7/8	27
Spud Date Date Reached TD Completi	on Date County Docket No
Derby Building, Wichita, Kansas 67202, with Rule 82-3-130, 82-3-106 and 82-3-107 apply. In 12 months if requested in writing and submitmenths). One copy of all wireline logs and generated by the submit CP-4 form with all	his form shall be filed with the Kansas Corporation Commission, 200 Colorado in 120 days of the spud date, recompletion, workover or conversion of a well. Information on side two of this form will be held confidential for a period of ted with the form (see rule 82-3-107 for confidentiality in excess of 12 plogist well report shall be attached with this form. ALL CEMENTING TICKETS plugged wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulation with and the statements herein are complete and	ations promulgated to regulate the oil and gas industry have been fully complied correct to the best of my knowledge.
Signature Aful h. Afull	K.C.C. OFFICE USE ONLY
Title Vice President, Operations Subscribed and sworn to before me this 13th d	Date 8/11/93 F Letter of Confidentiality Attached C Wireline Log Received
Subscribed and sworn to before me this $\frac{1377}{4}$ d.	ay of <u>August</u> . C Geologist Report Received AUG 1 6 1993

API NO. 15- 129-20843 00 0/

Morton

County

Distribution SWD/Rep

Plug

MGPA

__Other (Specify)

perator Name <u>Ric</u>	hfield Gas	Storage	Lease Name	<u> Jackson</u>		Well #	2-11	
- 1	10 - 10	☐ East	County	Morton				
oc. <u>11</u> Twp. <u>32</u>	S Rge. 42	X. Yest						
nterval tested, ti	me tool open ar es, bottom hole 1	and base of format nd closed, flowing maperature, fluid r py of log.	and shut-in pres	ssures, wheth	er shut-in pre	ssure res	ched static leve	
rill Stem Tests Tai (Attach Additiona		☐ Yes □ No	X Log	Formation	n (Tap), Depth	and Datums	Sample	
amples Sent to Gool	logical Survey	☐ Yes ☒ No	Name Marmaton		тор 4204	r	Datum -721'	
ores Taken		C Yes KK No	Morrow Chester		4642 4997		-1159' -1514	
lectric Log Run (Submit Copy.)		☑ Yes □·No	St. Louis	S	5158		-1675'	
ist All E.Logs Run:	:		 					
	Report al	CASING RECOR	ייי עפא ייי		production, et	c.		
Purpose of String	Size Hole	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks	Type and Percent Additives	
Surface	12-1/4	9-5/ <u>8"</u>	36	1665	Lite +"C"	350+150	 	
Production .	7-7/8"	4-1/2"	10.5&11.6	5395	"H"	j 535 	5% CaCl2	
		ADDITION	AL CEMENTING/SQUE	EZE RECORD	_			
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone			<u> </u>	[_			
Shots Per Foot	<u>.</u>	r RECORD - Bridge P e of Each Interval		:	Acid, Fracture, Shot, Cement Squeeze Record punt and Kind of Haterial Used) Depth			
2 ·	Morrow Keyes, 5083!-88!			500 gal 7 1/2% FE acid				
2	Morrow Keyes, 5060'-72'			1000 gal 7 1/2% FE acid				
8	Morrow G-2, 4994'-5006'			2000 gal 15% FE acid				
TUBING RECORD	Size 2 3/8"	Set At 5030'	Packer At 5030'	Liner Run	☐ _{Yes} ☑	No		
Date of First, Resi	umed Production,	SWD or Inj. Pro	ducing Method	lowing Pu	mping Gas L	ift Dot	her (Explain)	
Estimated Production Per 24 Hours	on Gil	Bbls. Gas	Mcf Wate	r Bbis.	Gas-Oil	Ratio	Gravity	
disposition of Gas:			NETHOD OF COMPLET	ICM —		, ,	Production Interva	
Vented Sole		.ease	n Hole 🗵 Perf.	🛚 Dually	Comp. 🗆 Comm	ingled _	5060'-88'	
(IT Vented, s	ubmit ACO-18.)	C Oth	er (Specify)			_	4994'-5006'	