MARCAS CAM LAGRICH COMMISSION

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM CONSCINCTION DIVISION WELL HISTORY - DESCRIPTION OF WELL & LEASE CHITA, KE



Operator: License # 30555	API No. 15 - 121 27812 - 00 - 00
Name: John Herrick	County: Miami
Address: 225 Megan Lane	NW - NW- SE NEsec. 30 Twp. 17 S. R. 22 X East West
City/State/Zip: Ottawa, KS 66067	feet from S / N (circle one) Line of Section
Purchaser: Crude Marketing	1220 feet from / W (circle one) Line of Section
Operator Contact Person: John Herrick	Footages Calculated from Nearest Outside Section Corner:
Phone: (_785_)242-6423	(circle one) NE SE NW SW
Contractor: Name: Glaze Drilling	Lease Name: Lowe Well #: 14
License: 5885	Field Name: Pabla/Rantoul
Wellsite Geologist: none	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: n/a Kelly Bushing: n/a
XX New Well Re-Entry Workover	Total Depth: 598 Plug Back Total Depth:
XX Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ALT#2 KJR 6/8/ (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content n/a ppm Fluid volume n/a bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
5 (1) (0)	Lease Name: License No.:
5/4/04 5/6/04 5/6/04 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	QuarterSecTwpS. REastWest County:Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	
herein are complete and correct to the best of my knowledge. Signature: Title: Partner Date: 5/27/04 Subscribed and sworn to before me this 27 day of May 20_04 . Notary Public: A Color of	KCC Office Use ONLY Confidentiality Received Denied, Yes Date: Wireline Log Received UIC Distribution
Date Commission Expires: 0 / / 09	

Operator Name:	John Herri	ck	Lease	e Name:_	Lowe		Well #:	14
Sec. 30 / wp /				y:	3.66			
INSTRUCTIONS: Short tested, time tool open a temperature, fluid record Electric Wireline Logs s	and closed, flowing very, and flow rates	and shut-in pressures if gas to surface test,	, whether s along with	hut-in pre	ssure reached s	static level, hydros	tatic pressure	es, bottom hole
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes XXNo		X Le	og Formatic	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolo	ogical Survey	Yes XXNo		Nam	е		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes XXNo Yes ☐ No			ase of Her	tha		235
List All E. Logs Run:				1	eru Sand quirrel Sa)	nd		370 - 393 531 - 540 598
Gamn	na rą⊈/neutr	on log						330
		CASING Report all strings set	RECORD	Ne		on, etc.		-
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	6 Î 1/2	6 1/4			20	portland	5	
production	6"2-7/8	-6" 27g"			593	50/50 poz	109	
		ADDITIONA	L CEMENT	ING / SQL	JEEZE RECORD		20-11 May - 4 to the property of the second	
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	#Sack	s Used		Type and Pe	rcent Additives	5
Plug Off Zone		2	***************************************				,	Virginia liberteendaminin maana saa eega qaa saa aa aa aa
Shots Per Foot	PERFORATIO Specify Fr	N RECORD - Bridge Plu potage of Each Interval Pe	igs Set/Type)		ture, Shot, Cement S		
2	372-	*			(Amount and Kind of Material Used) Depth Spot acid on perforations			
533-540					frac both zones with 30 sacks of			
					sand and gelled water			
TUBING RECORD	Size	Set At 545	Packer	At	Liner Run	Yes X No		,
Date of First, Resumerd F			thod					1
	on completion			Flowing	y XX Pumpin	g Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf	Wate	r Bb	ls. Ga	s-Oil Ratio	Gravity 27
Disposition of Gas	METHOD OF CO	MPLETION			Production Interv	al		
Vented Sold (If vented, Subm	Used on Lease nit ACO-18.)	Open Hole Other (Spec		f. D	ually Comp.	Commingled		

CONSOLIDATED OIL WELL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

KANSAS CU.

SISSION

TICKET NUMBER 29079
LOCATION Staws, Is.

CONSERVATION DIVISION
TREATMENT/REPORT

ORIGINAL

TRUCK DRIVER TRUCK DRIVER TRUCK DRIVER TRUCK DRIVER TRUCK DRIVER
SECTION TOWNSHIP BANGE COUNTY OUSTOMER STATE STATE STATE STATE STATE COUNTY STATE SUPPOSE
SECTION TOWNSHIP BANGE COUNTY CUSTOMER SCATTOR STATE SANDING STATE SANDING STATE SANDING STATE SANDING SANDING
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TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials; customer agrees to the following terms and conditions:

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.

"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.
- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.
- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.

R.S GLAZE DRILLING COMPANY

22139S. VICTORY RD. SPRING HILL,KS.66083 PHONE: (913) 592-2033

EMAIL: GLAZEDRILLING2AOL.COM

WELL LOG

RECEIVED KANSAS CORPORATION COMMISSION

LOWE 14 @

JUN 0 1 2004

CONSERVATION DIVISION WIGHTA, FIS

30 16 18 15 4 1 2 35 18 9 28 3 2 3 2 3 2 3 2 3 2 3 2	SURFACE SHALE LIME SHALE LIME SHALE RED BED SHALE LIME SHALE LIME SHALE	30 46 64 89 93 94 96 131 149 158 186 189 191 194 217 220 222	WINTER SET
4	LIME	226	
4	SHALE	230	
5	LIME	235	HERTHA
15	SHALE	250	
10	SHALE SANDY		V.
104	SHALE	364	
1	RED BED	365	
4	SHALE	369	
1	LIME SANDY	370	
4	SAND	374	BROWN SHOW
1	LIME SANDY	375	
2 2 2 3	SAND	377	BROWN SHOW
2	LIME SANDY	379	
2	SHALE SDY	381	
3	SAND	384	BROWN
1	LIME	385	
5	SANDY LIME	390	BROWN SOFT SHOW
3	SDY SHALE	393	BROWN SHOW
8	LIME	401	
8	SHALE	402	
O	LIME	410	

JUN 0 1 2004

CONSERVATION DIVISION WICHITA, KS

PAGE 2

	40	SHALE	450	
	8	LIME	458	
	13	SHALE	471	
	3	LIME	474	
	1	SHALE	475	
	1	BLK SLATE	476	
	37	SHALE	513	
1	2	LIME	515	
4	4	SHALE	519	
	5	LIME	524	
	2	shale	526	,
	5	LT SHALE	531	
	5	SAND	536	OIL SHOW
1	2	SHALE SANDY	538	
1	2	SAND	540	OIL SHOW
	58	SHALE	598	TD