## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 6528	API No. 15 - 033-21310-0000 UR G A
Name: R.J. Patrick Operating Company	County: Comanche County, Kansas
Address: PO Box 1157	SE SW NW Sec. 3 Twp. 32 S. R. 19 East West
City/State/Zip: Liberal, Kansas 67905-1157	
Purchaser:	1024   feet from E / (W) (circle one) Line of Section
Operator Contact Person: R.J. Patrick 1 JUN 19 2000	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 624-8483  CC WICHITA	(circle one) NE SE NW SW
Contractor: Name: Duke Drilling Co., Inc.	Lease Name: <u>Inez Bean</u> Well #: 3-3
License: 5929	Field Name: Wildcat
Wellsite Geologist: Marvin Harvey	Producing Formation: Dry Hole
Designate Type of Completion:	Elevation: Ground: 2101.8 Kelly Bushing: 2110.8
New Well Re-Entry Workover	Total Depth: 6035 Plug Back Total Depth:
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented atFeet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
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 645
Operator:	feet depth to surface w/ 550 sx cmt.
Well Name:	Drilling Fluid Management Plan P+A EH 7.31.02
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perl Conv. to Enhr./SWD	Chloride content 11000 ppm Fluid volume 700 bbls
Plug Back Plug Back Total Depth	Dewatering method used Hauled free water from top,
Commingled Docket No.	then evaporate.  Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name: KBM 017 & Gas
Other (SWD or Enhr.?) Docket No	Lease Name: Harmond SWD License No.: 5993
05-25-02 06-08-02 Plugged 06/10/02	
Spud Date or Date Reached TD Completion Date or Recompletion Date	dentel occ inp
Tiosomponent Bate	County: Comanche Docket No.: 22304
· · · · · · · · · · · · · · · · · · ·	
	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-
107 for confidentiality in excess of 12 months). One copy of all wireline logs a	and geologist well report shall be attached with this form. ALL CEMENTING
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	Submit CP-111 form with all temporarily abandoned wells.
Il requirements of the statutes, rules and regulations promulgated to regulat	e the oil and gas industry have been fully complied with and the statements
erein are complete and correct to the best of my knowledge.	[
A Halnik	KCC Office The ONLY

Notary Public: Jay Eerry

Date Commission Expires: 04-04-04

2002

Subscribed and sworn to before me this 17th day of June

NOTARY PUBLIC

NOTARY PUBLIC

STATE OF KANSAS

My Appt. Expires: 4-4-04

No Letter of Confidentiality Attached

Il Denied, Yes Date: Wireline Log Received

Geologist Report Received

\_\_\_ UIC Distribution

Operator Name:	R.J. Patric	k Operating Co	<u>mpany</u> ease	Name:	Inez Be	an	Well #:	3-3		
Sec. 3 Twp. 3	2 s. R. 19	East West	County	y:	Comanche C	ounty, Kan	sas			
INSTRUCTIONS: Sho tested, time tool open temperature, fluid reco Electric Wireline Logs:	and closed, flowing very, and flow rate	g and shut-in pressures s if gas to surface test,	s, whether sl , along with f	hut-in pr	essure' reached	static level, hyd	rostatic pressu	res, bottom hole		
*****				<del></del>		·				
Drill Stem Tests Taken X Yes No (Attach Additional Sheets)				<ul> <li>X Log Formation (Top), Depth and Datum</li> <li>Top</li> <li>Name Heebner Shale 4319¹</li> </ul>			Тор	Sample Datum		
Samples Sent to Geological Survey				Nan	Lansing	(-2208') (-2409')				
Cores Taken Yes No					(-2603')					
Electric Log Run		∏ Yes No	•		Stark	••	4822'	(-2711')		
(Submit Copy)					. Swope Po Marmaton		4827'	(-2716')		
List All E. Logs Run: De	uol Inducti	on Dual Damasi	+v_		Altamont F		4990' 5026'	(-2879') (-2915')		
Borehole Sonic					Pawnee	Olosity	5076'	(-2965')		
Log.	- 141010163	iscivity a aco	109130		Ft. Scott		5110'	(-2999')		
Lug.				Cherokee Shale Mississippi		Shale	5120'	(-3009') (-3093')		
						·	5204'			
			<del>.</del>	L	Viola		5908'	(-379 <u>7')</u>		
		CASING Report all strings set	3 RECORD -conductor, su	rface, into		lion, elc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacis Used	Type and Percent Additives		
Conductor	Conductor		48#		80 <b>'</b>					
Surface	12-1/4"	8-5/8"	23#		645 '	65/35 ClassA	450 100			
								!		
		ADDITIONA	L CEMENTIN	1G / SQL	JEEZE RECORD	)				
Purpose: Perforate	Depth Top Bottom			Used		Type and	Percent Additives			
Protect Casing Plug Back TD										
Plug Off Zone		·								
	PERFORATION RECORD - Bridge Plugs Set/Typ				4 1 5	1 Causasa Basas	4			
Shots Per Foot		N RECORD - Bridge Plu potage of Each Interval Pe			Acid, Fracture, Shot. Cement Squeeze Record (Amount and Kind of Material Used)  Depth					
	•									
TUBING RECORD	Size	Set At	Packer At		Liner Run	Yes No	<del></del>			
Date of First, Resumerd Pro	oduction, SWD or En	hr. Producing Met	_	Flowing	Pumpir	ig Gas Li	tt Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf	Water	<del>-</del>		Gas-Oil Ratio	Gravity		
Disposition of Gas	METHOD OF COMPLETION				Production Interval					
	_					· .				
Vented Sold (II vented, Sumit /	Used on Lease ( <i>CO-18.)</i>	Open Hole	Perf.		ually Comp.	Commingled _		<del></del>		

### 15-033-21310-0000

#### R. J. PATRICK OPERATING COMPANY

P.O. BOX 1157 LIBERAL, KANSAS 67905-1157

620-624-8483

#### DRILLING REPORT

RE:Inez Bean #3-3 N/2 Section 3-32S-19W Comanche County, Kansas



ORIGINA

- 04/11/02 Staked location 2310' FNL & 1024' FWL. Ground elevation 2102'.
- 04/15/02 Filed notice of intent to drill with Kansas Corporation Commission. Approved 04/16/02.
- 05/01/02 Leveling and making location for Duke Drilling Company Rig #4. Received permit for use of water well.
- 05/04/02 Weeder Rathole Drilling Company drilled 64' of 30" hole and set 64' of 20" conductor pipe and cemented.
- 05/11/02 Finished making location and started digging reserve pit.
- 05/13/02 Finished digging reserve pit ready for Drilling Rig Duke Rig #4.
- 05/26/02 Move in Duke Rig #4 and rig up. Spudded @ 6:30 p.m. Drilled 325' of 17 3/4" hole. Prepared to run 13 3/8" casing. Ran 180' and could not get pipe to go. Laid down 4 jts. of 13 3/8" casing. Depth 343'.
- O5/27/02 Tripped in hole w/12½" bit. Drilling 12½" surface hole to 644'. Conditioned hole and tripped out of hole w/12½" bit. Ran 14 jts (644') of 8 5/8" 24# casing. Cemented w/450 sks Pozmix 6% gel 3% CC and 1/4# Floseal. Tailed w/100 sks Class "H" w/2% gel and 3% CC. Plug down @ 6:45 p.m. O5/26/02 cement did circulate. Drilled out from under surface @ 3:00 a.m. Depth @ 7:00 a.m. O5/27/02 845'.
- 05/28/02 Drilling @ 1850' survey @ 1129' 1/2 degree.
- 05/29/02 Drilling @ 2630'
- 05/30/02 Drilling @ 3225'.
- 05/31/02 Drilling @ 3735'.
- 06/01/02 Drilling @ 4260'.
- 06/02/02 Drilling @ 4770'.
- 06/03/02 Depth 5050'. Running DST#1 5014' to 5050'.
- 06/04/02 Drilling @ 5194' Results of DST#1 Recovered 1130' of gas in pipe. 295' of gas cut mud and water and 185' of salt water. Shut-in pressure 1583.
- 06/05/02 Depth 5247' Running DST#2 5206' to 5247'. Results DST#2-recover 210' gas in pipe and 25' of drilling mud. Shut-in pressure 270#. Continue drilling operation.
- 06/06/02 Drilling @ 5356'. Ran DST#3, 5247' to 5268', ISIP 1385#. FSIP-1273#.

  Recovered 70' of gas in pipe, 65' muddy water, 110' gas and oil cut mud.

  Tripped in hole w/bit and resumed drilling. Survey @ 5206' 1 degree.
- 06/07/02 Drilling @ 5695'.

ORIGINAL

#### R. J. PATRICK OPERATING COMPANY

P.O. BOX 1157 LIBERAL, KANSAS 67905-1157

620-624-8483

Drilling Report Inez Bean #3-3 Continued, page 2



06/08/02 Drilling @ 5940'.

06/09/02 Reached TD of 6035', Viola Formation. Ran electric logs. Made decision to plug well.

06/10/02 TD 6035'. Laid down drill pipe and put 50 sks cement @ 1000' - 50 sks @ 780' - 40 sks @ 250' - 10 sks @ 40' and 15 sks in Rat Hole. Completed @ 3:30 p.m. Cut off 8 5/8" @ 3' below ground level and welded cap on top. Released rig and rigged down and moved off location.

# E D E R ORIGINAL

P.O. BOX 1087 WOODWARD, OK 73802

SERVICES, INC.

PHONE (580) 256-9371 FAX (580) 256-6997

File Colom IV from I

I JUN 1 & BUNG

KCC WICHITA

SOLD TO:

R.J. PATRICK OPERATING CO. P.O. BOX 1157 LIBERAL, KS 67905-1157

SHIP TO:

R.J. PATRICK OPERATING CO. P.O. BOX 1157 LIBERAL, KS 67905-1157

CUSTOMER NO: **RJPATR** 

CUSTOMER P.O.

INVOICE NUMBER: 0024074-IN

INVOICE DATE: 05/04/2002

**TERMS DUE UPON RECEIPT** 

LEASE NAME: INE BEAN 3-3

RIG#:

WO#: W01256

AMOUNT

**INE BEAN 3-3** 

DRILLED 64' OF 30" CONDUCTOR HOLE

FURNISH 64' OF 20" CONDUCTOR PIPE

**FURNISHED GROUT** 

**TOTAL BID** 

\$3,600.00

INSURANCE SURCHARGE

**FUEL SURCHARGE** 

36.00 90.00



-100-221 (Ccom) + 633-001 (Ccom) TBEAN3D \$ 3762.34

RECEIVED MAY - 8.2002

Net Invoice: 3,726.00

Freight:

0.00

Sales Tax:

36.34

THANK YOU!!!!

**INVOICE** 

Invoice Total: 3,762.34

ALLIED CEMEN	ITING CO., INC.	09800
REMIT TO P.O. BOX 31	D.# 48-0727860 VED UKIUI SERVICE POINT: 1	IN/AL
RUSSELL, KANSAS 67665	KCC WICHITA SERVICE POINT: /	dee
DATE 5-25-72 3 TWP. RANGE CO	ALLED OUT ON LOCATION JOB START JOS PM 8,30 PM 6,00 PM	OB FINISH
LEASE Bean WELL# 3-3 LOCATION Colde	vater IN IN Comanche	TATE
OLD OR NEW (Circle one)		
CONTRACTOR Duke # 4	OWNER RJ Patrick	
TYPE OF JOB Surface HOLE SIZE 24 T.D. 644	CEMENT	
CASING SIZE 8 X X DEPTH 644	AMOUNT ORDERED 450 SX 653	5.6.4
TUBING SIZE DEPTH	36 ec - 4 Flo-seal 100:	x Alus
DRILL PIPE // DEPTH	A 3% cc 2% ge	
TOOL AFY Insert DEPTH 599 PRES. MAX 800 MINIMUM	COMMON A 100 @ 6.65	1650
MEAS. LINE SHOE JOINT 45	POZMIX@	
CEMENT LEFT IN CSG.	GEL @/0,00	20,00
PERFS.	CHLORIDE 8 @30.00	540,00
DISPLACEMENT 39 BBLS From # 0	Liteweight 450 @6,30 3	2835.0C
EQUIPMENT	Flo- seal 1/3# @ 1.40	158,20
PUMPTRUCK CEMENTER LISTIN Hart	@	
#368-265 HELPER STEVE DAVIS		1-> 1
BULK TRUCK	HANDLING 594 X45 (04)	653,40
#356 DRIVER Mark Haas	MILEAGE STI X 43 104 /	UQLAU
BULK TRUCK # 365 DRIVER Ed Repo	TOTAL \$	5940,80
REMARKS:	SERVICE	
A. KUMAKES.	SERVICE	
Live or RIM Accal Class	,	
Pipe on BIM Break Circ.	DEPTH OF JOB 644	
Pipe on BIM Break Circ.  Mix 450 sx 65:35-6 e 158 - 159 BNS  Mix 100 sx A 35 e 152 - 34 BBLS	PUMP TRUCK CHARGE 3-300	520,00
	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 _@	50,00 172,00
Mix 100 Sx A 3/2 @ 152# - 34 8815	PUMP TRUCK CHARGE 7-300 EXTRA FOOTAGE 344 @ 50 MILEAGE 45 @ 5.00	520,00 172,00 135,00
Mix 100 Sx A 3/2 @ 152# - 34 8815	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 _@	520,00 172,00 135,00 100,00 600,00
Mix 100 Sx A 3/2 @ 152# - 34 8815	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ 50 MILEAGE 45 @ 5.00 PLUG 8 00000	520,00 172,00 135,00 100,00 600,00
Mix 100 Sx A 3/2 @ 152# - 34 8815	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ 50 MILEAGE 45 @ 500 PLUG 8 7 7 P @ 100.00 Add, 7,000 \ \( \sigma \) \( \sigma	520,00 172,00 135,00 100,00 600,00
Mix 100 Sx A 3/2 @ 152# - 34 8815	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ 50 MILEAGE 45 @ 500 PLUG 8 7 7 P @ 100.00 Add, 7,000 \ \( \sigma \) \( \sigma	520,00 172,00 135,00 100,00 600,00
Mix 100 SX A 3'S e 15 2# - 34 BBLS  Release Plug Disp 39 BBLS Fresh H-c  Bump Plug 300# - 800#  Release Fress Float Held  Circulated Cement  CHARGE TO: R J Patrick	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE 45 @ .50 PLUG 5 TRP @ 100.00 Add, f, on a Ars & @ 100.00  TOTAL	527.00
Mix 100 SX A 3'S e 15 2# - 34 BBLS  Release Plug Disp 39 BBLS Fresh H-c  Bump Plug 300# - 800#  Release fress Flogt Held  Circulated Cement  CHARGE TO: R J Patrick  STREET P.O. Box UST	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ 50 MILEAGE 45 @ 500 PLUG 8 7 7 P @ 100.00 Add, 7,000 \ \( \sigma \) \( \sigma	520,00 172,00 135,00 100,00 600,00
Mix 100 SX A 3'S e 15 2# - 34 BBLS  Release Plug Disp 39 BBLS Fresh H-c  Bump Plug 300# - 800#  Release Fress Float Held  Circulated Cement  CHARGE TO: R J Patrick	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	520,00 172,00 135,00 100,00 600,00
Mix 100 SX A 3'S e 15 2# - 34 BBLS  Release Plug Disp 39 BBLS Fresh H-c  Bump Plug 300# - 800#  Release fress Flogt Held  Circulated Cement  CHARGE TO: R J Patrick  STREET P.O. Box UST	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ 55 MILEAGE 45 @ 500 PLUG 8 7 7 R P @ 100.00 Add 7,000 A CS @ 100.00  TOTAL 6  FLOAT EQUIPMENT  @	
Mix 100 SX A 3'S e 15 2# - 34 BBLS  Release Plug Disp 39 BBLS Fresh H-c  Bump Plug 300# - 800#  Release fress Flogt Held  Circulated Cement  CHARGE TO: R J Patrick  STREET P.O. Box UST	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @	
Mix 100 SX A 36 E 15 2# — 34 BBLS  Release Plug 300#—800#  Release Freks Frat Held  Circulated Cement  CHARGE TO: R J Patrick  STREET P.O. BOX UST  CITY CITY CITY CITY STATE RANSAS ZIP67905	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ 55 MILEAGE 45 @ 500 PLUG 8 7 7 R P @ 100.00 Add 7,000 A CS @ 100.00  TOTAL 6  FLOAT EQUIPMENT  @	
Mix 100 SX A 36 E 15 2 BBLS Fresh HC  Release Plug 300 = 800 f  Release Fress Float Held  Circulated Cement  CHARGE TO: Po. Box UST  CITY CTREEN STATE RANSAS ZIP67905  To Allied Cementing Co., Inc.	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  To Allied Cementing Co., Inc.  You are hereby requested to rent cementing equipment	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  To Allied Cementer and helper to assist owner or  Six 100 sx A 3k e 15 2# — 34 8815  Release Plug Disp 39 Bills Fresh Help Release fress Frat Help Release fresh Fresh	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  To Allied Cementing Co., Inc.  You are hereby requested to rent cementing equipment	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  STREET  To Allied Cementing Co., Inc.  You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  STREET PO. Boy UST  CITY GERRAL STATE KANSAS ZIP67905  To Allied Cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  STREET  To Allied Cementing Co., Inc.  You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  CHARGE TO:  CITY CERESIC STATE KANSAS ZIP67908  To Allied Cementing Co., Inc.  You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	
CHARGE TO:  STREET  To Allied Cementing Co., Inc.  You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND	PUMP TRUCK CHARGE 3-300 EXTRA FOOTAGE 344 @ .50 MILEAGE	

CEMEN	ITING CO.,	INC.	,		CE	MENTING LOG STAGE NO.  JUN 19 2002
Date 526	- - 02 Distri	Made	I Jac T	icket No. <u>898</u>	/A A	CEMENT DATA: ODICINIA
Company 1	T Pelin	ck(	,	io Buke	1.1	Spacer Type: UNIVAL KCCWCHIA  Amt Sks Yield ft 3/sk Density PPO
Lease	102 K	ean		Vell No		
County	DManc	lie		tate 75		·
Location Col	Junter-	21/3		eld <b>3</b> -3.)	5-19WI	LEAD: Pump Time hrs. Type 574 5740
CASING DATA:	DT	Ä □ Squ	ieeze 🏻	<del></del>		Amt. 130 Sks Yield 198 ft <sup>3</sup> /sk Density 1318 PPC
//	/ Intermediat		ction 🗆			TAIL: Pump Time hrs. Type
Surface [3]			ght <u>23</u>	Collar		3630
Size	Туре	vveit	9111 <u>- 1-2-1</u>	Collar		Amt. OO Sks Yield 37 ft <sup>3</sup> /sk Density 52 PPG
					····· \	WATER: Lead gals/sk Tail gals/sk Total Bbls
<del></del>				- /(11/2		27V-1/5 2/2 10 / 10
Casing Depths: To	op		Bottom			Pump Trucks Used 368 5065 SPER 1/2VIS Bulk Equip. 356 Acr K Heas
Drill Pipe: Size	14 1	Weight	// //	Collars	<del></del> -	
Open Hole; Size		T.D. (C	京 <b>学</b> ,ft. F	P.B. to		Float Equip: Manufacturer
CAPACITY FACTO		Mila		م سب و	<b>25</b>	Shoe: Type Cycls Cattery Depth Depth
Casing:	Bbls/Lin. ft	10540	Lin. ft./B	15.6.		Float: Type
Open Holes:	Bbls/Lin. ft		Lin. ft./B	lbl		Centralizers: Quantity Plugs Top LINET Btm
Orill Pipe:	Bbls/Lin. ft		Lin. ft./B	bl	5	Stage Collars
Annulus:	Bbls/Lin. ft	1/2735	Lin. ft./B	b. 13.6	s	Special Equip.
	Bbls/Lin. ft		Lin. ft./B			Disp. Fluid Type 1951 110 Amt. 39 Bbls. Weight 854 PPC
Perforations: F	rom	ft. to	-	ft. Amt		Mud Type
COMPANY REPR	ESENTATIVE	RJA	block		<del></del>	CEMENTER LISTIN ACTIT
TIME	PRECCII	BEC DCI	ELLI	IID DI IMPED I	DATA	<del></del>
TIME	PRESSU	,		ID PUMPED I		REMARKS
TIME AMÉPM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	FLU TOTAL FLUID	Pumped Per Time Period	DATA RATE Bbls Min.	REMARKS
15.00	DRILL PIPE	,	TOTAL	<del>,</del>	RATE	PiDE on BTM DOO Bull
АМЙРИ)	DRILL PIPE CASING	,	TOTAL	<del>,</del>	RATE Bbls Min.	Dide on BTM Brop Bull
15.00	DRILL PIPE	,	TOTAL	<del>,</del>	RATE	Dise on BTM Drop Bull Bright Circ 450 5x 65:35:6 = 30/000 4
АМЙРИ)	DRILL PIPE CASING	,	TOTAL	<del>,</del>	RATE Bbls Min.	1. De on BTM Doop Ball  1. Stock Circ  M. x 2/50 5x 63.35/6 - 30/000 +  14# Flo-Seal @ 10,8#
АМЙРИ)	DRILL PIPE CASING	,	TOTAL	<del>,</del>	RATE Bbls Min.	Dide on BTM DOOD Ball  Hologh Circ  Mix 2/50 5x 65-35-16-30-10-cc +-  19# Flo-Seal @ 12,8##  Mix 190 5x A 350 5c 36 gel 10 15-1
АМЙРИ)	DRILL PIPE CASING	,	TOTAL	<del>,</del>	RATE Bbls Min.	1. De on BTM Doop Ball  1. Stock Circ  M. x 2/50 5x 63.35/6 - 30/000 +  14# Flo-Seal @ 10,8#
АМЙРИ)	DRILL PIPE CASING	,	TOTAL	<del>,</del>	RATE Bbls Min.	Dide on BTM DOOD Ball  Hologh Circ  Mix 2/50 5x 65-35-16-30-10-cc +-  19# Flo-Seal @ 12,8##  Mix 190 5x A 350 5c 36 gel 10 15-1
АМЙРИ)	DRILL PIPE CASING	,	TOTAL	<del>,</del>	RATE Bbls Min.	A, De on BTM Drop Ball  Bolego Circ  M: x 150 5x 65.35/6 = 30/0 cc 4-  15# Flo-seal @ 15.89  A: x 100 5x 1 = 36 cc 3% gel @ 155  Release Plug  Start Displ  Show Rate @ 25 RBLS
АМЙРИ)	DRILL PIPE CASING	,	TOTAL FLUID	<del>,</del>	RATE Bbls Min.	Di De on BTM Doop Ball  Boligh Circ  Mix 1/50 5x 65.35/6 = 30/0 cc +  19# Flo-seal @ 10,874  Aix 100 5x 1 = 50 cc 20/0 gel in 15=1  Release Plug  Start Displ  Slow Rate e 25 ABL-5  35 BD 5. 5/0 m Fole
АМЙРМ)	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Doop Ball  Boligh Circ  Mix 1/50 5x 65.35/6 = 30/0 cc +  19# Flo-seal @ 10,874  Aix 100 5x 1 = 50 cc 20/0 gel in 15=1  Release Plug  Start Displ  Slow Rate e 25 ABL-5  35 BD 5. 5/0 m Fole
АМЙРМ)	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	<del>,</del>	RATE Bbls Min.	Dide on BTM Doop Ball  Holeak Circ  Mix 2/50 5x 63:35/6 = 30/0 cc +  Ji Flo-seal & D. 822  Aix 100 5x A = 30 cc 20/0 gel 10 155  Pelease Plug  Start Disp  Slow Rate & 25 BBL-S  35 BBL & Slow Fole  Bumo Plug & 39 PRLS
АМЙРИ)	DRILL PIPE CASING	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Dood Ball  Horak Circ  Mix 2/50 5x 63:35/6: 30/000 to  Pelease Plug @ 39 BBLS  Release Hug @ 39 BBLS  Release Hiess III
АМЙРМ)	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙРМ)	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Doop Ball  Bright Circ  Mix 1/50 5x 65:35/6=30/000 4-  Mix 100 5x 1 576 00 20/090/10 15-  Pelease Plug  Start Displ  Slow Rate e 35 BBLS  Release Tress  Pelfase Tress
АМЙ PM	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙ PM	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙРМ)	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙ PM	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙ PM	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙ PM	DRILL PIPE CASING  SOO  300	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Dide on BTM Dood Ball  Horak Circ  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 13:35/6 - 30/000 to  Mix 1/50 5x 1 3:35/6 - 30/000 to  Pelease Plug  Start Diso  Slow Rate e 25 ABLS  Sound Plug @ 39 BBLS  Pelease Itress  Pelease Itress
АМЙРМ)	DRILL PIPE CASING  SOO  SOO  SOO	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Doop Ball  Horack Circ  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 1 3:35/6-30/000 to  Mix 1/50 5x 1 3:50 cc 3% get in 15-3  Pelease Plug  Start Disp  Stout Rate e 25 ABL-2  35 ABJ s. Stow to le  Bump Plug @ 39 ABLS  Pelease Itress  Pelease Itress
АМЙРМ)	DRILL PIPE CASING  SOO  SOO  SOO	,	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	A, De on BTM Drop Ball  Progle Circ  M: x 2/50 5x 63:35:6: 30/000 4-  11 = Flo-Seal @ D. 822  A: x 100 5x A = 70 00 00 00 15-  Pelease Plug  Start Disp  Show Rate @ 25 ABLS  Somp Plug @ 39 BRLS  Pelease Hress  Pelease Heby
АМЙРМ)	DRILL PIPE CASING  SOO  SOO  SOO	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	A, De on BTM Drop Ball  Progle Circ  M: x 2/50 5x 63:35:6: 30/000 4-  11 = Flo-Seal @ D. 822  A: x 100 5x A = 70 00 00 00 15-  Pelease Plug  Start Disp  Show Rate @ 25 ABLS  Somp Plug @ 39 BRLS  Pelease Hress  Pelease Heby
АМЙРМ)	DRILL PIPE CASING  SOO  SOO  SOO	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Doop Ball  Horack Circ  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 1 3:35/6-30/000 to  Mix 1/50 5x 1 3:50 cc 3% get in 15-3  Pelease Plug  Start Disp  Stout Rate e 25 ABL-2  35 ABJ s. Stow to le  Bump Plug @ 39 ABLS  Pelease Itress  Pelease Itress
АМЙРМ)	DRILL PIPE CASING  SOO  SOO  SOO	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Doop Ball  Horack Circ  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 1 3:35/6-30/000 to  Mix 1/50 5x 1 3:50 cc 3% get in 15-3  Pelease Plug  Start Disp  Stout Rate e 25 ABL-2  35 ABJ s. Stow to le  Bump Plug @ 39 ABLS  Pelease Itress  Pelease Itress
АМЙРМ)	DRILL PIPE CASING  SOO  SOO  SOO	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	Di De on BTM Doop Ball  Horack Circ  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 13:35/6-30/000 to  Mix 1/50 5x 1 3:35/6-30/000 to  Mix 1/50 5x 1 3:50 cc 3% get in 15-3  Pelease Plug  Start Disp  Stout Rate e 25 ABL-2  35 ABJ s. Stow to le  Bump Plug @ 39 ABLS  Pelease Itress  Pelease Itress
АМ (РМ)	DRILL PIPE CASING  SOO  SOO  SOO	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	A, De on BTM Drop Bull  Proper Circ  M: x 2/50 5x 63:35:6=300cc 4-  15

Taylor Printing, Inc., Pratt, KS

THANK YOU

ALLIED CEMENTING CO., INC. 7828

Federal	Tax	I.D.#	48-0	)72	78	60	W	

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CITYSTATEZIP		·		
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The Allied Consenting Continue			@	
To Allied Cementing Co., Inc.				
You are hereby requested to rent cementing equipment	•		TOTAL	
and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or		-0-		
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