STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 065-22786 0000	
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	county Graham	
DESCRIPTION OF WELL ORS GINAL	85'w_NENE_SW sec. 30 Twp. 9s Rge. 21w	x
perator: License # 6622 UNIGINAL	2310 Feet from S/N (circle one) Line of Section	
Name: JASON OIL COMPANY	3055 Feet from E/W (circle one) Line of Section	
Address P.O. Box 701	Footages Calculated from Nearest Outside Section Corner: NE. SE. NW or SW (circle one)	
Puggoll Vangag 67665 0701	Smith "D"	
City/State/Zip Russell, Kansas 67665-0701	Field Name Harrold West	
urchaser s	Producing Formation None	
perator Contact Person: J.L. Schoenberger	Elevation: Ground 2352 KB 2360	
Phone (<u>913</u>) 483–4204	Total Depth 3937 PBTD	
ontractor: Name: Discovery Drilling, Inc.	Amount of Surface Pipe Set and Cemented at 205.20	
License: 31548		
ellsite Geologist, Ron Nelson	Multiple Stage Cementing Collar Used? Yes X	
esignate Type of Completion	If yes, show depth set	Fe
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from	
OilSWDSIOWTemp. Abd.	feet depth to w/sx	CM.
X Dry Other (Core, WSW, Expl., Cathodic, etc)) Drilling Fluid Management Plan D&A 6~18-181k	
f Workover/Re-Entry: old well info as follows:	(Data Must be coffeeted from the Keserve Fit)	
Operator:	Chloride content 4,200 ppm Fluid volume 1500	_bb
Well Name:	Dewatering method usedEvaporation	
	-3	
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD	Operator Name	
Commingled Docket No Dual Completion Docket No	Lease NameLicense No	
Other (SWD or Inj?) Docket No.	Quarter Sec. Twp. SRng.	E/W
6/19/97 6/24/97 6/25/97 Spud Date	County Docket No.	
Derby Building, Widhita, Kansas 67202, within 120 days of Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information or 12 months if requested in writing and submitted with the months). One copy of <u>all</u> wireline logs and geologist well	li be filed with the Kansas Corporation Commission, 200 Color of the spud date, recompletion, workover or conversion of a we n side two of this form will be held confidential for a period he form (see rule 82-3-107 for confidentiality in excess of report shall be attached with this form. ALL CEMENTING TICKE ells. Submit CP-111 form with all temporarily abandoned well	ell do f1: ETS
all requirements of the statutes, rules and regulations promulith and the statements herein are complete and correct to t	ligated to regulate the oil and gas industry have been fully comp the best of my knowledge.	olie
ignature James & Schwenberge	K.C.C. OFFICE USE ONLY	
itte Owner Date 8-	F Letter of Confidentiality Attached	ļ
ubscribed and sworn to before me this 7th day of Augu		
otary Public Pred Wright for	Distribution KCC SWD/Rep NGPA	į I
FRED WEIGEL, JR.	KGS Plug Other (Specify)	
ate Commission Expires NOTARY PUBLIC STATE OF KANSAS		
My Appt. Exp. 7-/8-	13	

Form ACO-1 (7-91)

			SIDE TWO	,	•		¥ ,
Operator NameJASC	ON OIL CON	ЛĀ	Lease Name	Smi	"Ď"	Well #	3
		East	County	Graham			
sec. 30 Twp. 95	/ 1747	XI vest	-				
THETRUSTIANS AL		4 b 4 4 4	IAMA	ugn.	<i>i</i> ,		
INSTRUCTIONS: Show interval tested, tim	e tool open ar	nd closed, flowing :	and shut-in pres	sures, whet	her shut-in pre	ssure read	stem tests givin ched static level
hydrostatic pressure if more space is need	ı, böttem hala t	emperature, fluid re	covery, and flow	rates if ga	s to surface dur	ing test.	Attach extra shee
***************************************		p) 01 (0g.		Minister of the second			
Drill Stem Tests Take (Attach Additional		Yes No	Log	Formatio	n (Top), Depth	and Datums	
Samples Sent to Geals	ogical Survey	□ Yes ☒ No	Name		Top	1076	Datum
Cores Taken		☐ Yes ☒ No	Anhydrit Heebner	,e	1842 353 5	187 6 3539	+518 -1175
Electric Log Run		☐ yes ☑ No	Toronto		3561	3565	-1201
(Submit Copy.)		700	LKC		3575	3794	-1434
List All E.Logs Run:			Arbuckle	•	3913		-1553
			1				
			ļ				
			[
	CHAPTER CHAPTER TO THE CONTRACT OF THE CONTRAC	CASING RECORD		M-Middel MgCallyn-Camerona capped activity and secure	***************************************		Material Confession (Springer Confession Con
	Report al	l strings set-conduc	New 🖾 Us		production, et	c.	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1 / ₄	8 5/8	20	205.20	60/40Poz	140	2%Ge1&3%CC
				**************************************			<u> </u>
					-	 	1
İ.	<u> </u>	ADDITIONAL	CEHENTING/SQUEE	75 BECODO		<u> </u>	1
		7002112077	. CENERITING SAGEE	ZE RECORD			
Purpose:	Top Bottom	Type of Cement	#Sacks Used		Type and Percen	t Additive	•
Perforate Protect Casing							
Plug Back TD Plug Off Zone			***************************************				
rtug VII Zone ,	1		L				
	PERFORATION	RECORD - Bridge Plu	ine Set/Type	Acid	Fracture, Shot,	Canana	
Shots Per Foot		of Each Interval F		(Amount and	d Kind of Hater	ial Used)	Depth
				······································	**************************************		
					·		
	1		***************************************	Alteronica and anapalogue	*	······································	

L.	TO CONTRACT OF THE PROPERTY OF						
TUBING RECORD	Size	Set At	Packer At	Liner Run	□ _{Y•s} □	N -	
Date of First, Resum	ad Draduation	SUD on I-1				NO .	
Resum		The or inj. Produ	icing Method Flo	owing Claum	ping Gas Li	ft 🗆 oth	ier (Explain)
Estimated Production Per 24 Hours	oit	Bbls. Gas	Hcf Water	Bbls.	····	Ratio	
isposition of Gas:		MET	THOD OF COMPLETIO	N		Dı	roduction Interval
Vented Sold	Used on Le		Hote Perf.	□ Dually	Comp. Commi		tufal.Agf
		Other	(Specify)				

LLIED CEMENTING CO., INC. 54

	O. B RUSSI	OX 31 ELL, KA	NSAS 67	665		SER	VICE POINT:	4/
	ATE 6-19-97	SEC	TWP.	RANGE	CALLED OUT	ONLOCATION CONTRACTOR	JOB START	JOB FINISH
<i>;</i>			U - 3	0	^		COUNTY	STATE
	OLD OR TEN (Cir	WELL#		LOCATION	e + KeD LINA		G RAHAM	MXXSA5
	CONTRACTOR TYPE OF JOB	1	COURRY 1CF	DRIG RigH	2 OWNER	? N 	CEMENT	
	HOLE SIZE /2	4	T.1					
	CASING SIZE 8	78		PTH 205'	_ AMOUNT ORI	DERED 140		226rel
	TUBING SIZE DRILL PIPE			EPTH			>0 CC	
	TOOL			PTH				
	PRES. MAX			NIMUM	COMMON	84	@ 670	512 40
	MEAS. LINE		SH	IOE JOINT	POZMIX	56	@ 3-1 <u>s</u>	176 40
	CEMENT LEFT IN	CSG.		y hot	GBL	3	@ 950	78 S
	PERFS.	· · · · · ·	13	4/000	_ CHLORIDE	4	_@ <u>28°=</u> _	112 ∞
		EQU	UIPMENT	1			_@ _@	***************************************
	PUMP TRUCK C	EMENT	ER A	h			@	
	1 454	IELPER.					@ <u>7</u> &_	₩7 [®]
	BULK TRUCK		0		 HANDLING MILEAGE 	ALCE ITE	1 - Tal	263.55
		DRIVER	Deal		_ MULCAGE	12/2/110	<u> </u>	<u></u>
	BULK TRUCK # I	RIVER			~		TOTAL	12395
	·	RE	MARKS:			SERVI	C C	
•	$-\sqrt{2}$		-/	0.00 1150	_ DEPTH OF JOH			
	_ Cem	ca /		KCULATED	_ PUMP TRUCK	COPY AND ADDRESS OF THE PARTY O		44500
			٠.	ż	_ EXTRA FOOTA MILEAGE	(D)	_@ @	13345
						& WOODEN		4500
				HANK'S)	@	
	4			/M-1-			@	
	CHARGE TO:	Asem (Dir C	OMPANY	•		TOTAL	123 as
	CITY RUSS	ST	701 ATB	21P_L7665	<u> </u>	FLOAT EQU	-	
	1	_	1:	1.	The second secon		-@	
			•				_@	
	•			*	***************************************	· · · · · · · · · · · · · · · · · · ·	_@	
				• • •			.@	
٠			\$	· ·			TOTAL	
					*	•		_
	To Allied Cementi	ng Co.,	Inc.	`	TAX			
	and furnish asiasa	quested f	o rent cer	menting equipment	TOTAL CHARG			
	and furnish cemen	ncrand f	lieted '7	assist owner or he above work was	DISCOUNT		—— IF PAII	O IN 30 DAYS
	done to satisfaction				,; ·			
100 m	contractor. I have	read & i	understan	d the "TERMS AND) ,			
	CONDITIONS" II	sted on t	he jeves	e side.		4		•
			\mathcal{N}		•			
٠.	SIGNATURE	MW.	MY		•			

LLIED CEMENTING CO., INC. 5490

يز.O. BOX 31		SER	VICE POINT:	
RUSSELL, KANSAS 67665	•		18455	<u>u/</u>
, p**				7.60.50.00.00
ATE 6-19-97 SEC TWP. RANGE	CALLED OUT SOO!M	ONLOCATION 6 30 PM	JOB START	JOB FINISH
	Α	10.3000	COUNTY	STATE
EASES TH WELL # D-3 LOCATION BOGGE	+ KED LIN	e Jct	GRAHAM	MAKSAS.
OLD OBOSED (Circle one)	Yow Y	- 11		•
	20 /	24		
CONTRACTOR WISCOURED LEG NOT	2 OWNER	*****	~	
YPE OF JOB SURFACE			CEMENT	
IOLE SIZE 12 4 T.D. 210			lox	
CASING SIZE 8 7 20# DEPTH 205'	AMOUNT OR	DERED 140	SK 190	2960 (
TUBING SIZE DEPTH			Sce	
DRILL PIPE DEPTH		·	-	
rool <u>Depth</u>				
PRES. MAX MINIMUM	COMMON	88	_ <u>@~₹₹5</u>	512 40
MEAS. LINE SHOE JOINT	POZMIX	<u> 56 </u>	_@_ 37 2_	17640
PARNTI PET IN COC	GEL	3	@ 950	28 52
PERFS. 124 BBL	CHLORIDE_	4	@ 28~	775 ≈
10,17				
EQUIPMENT				
we Known nowice not	A		@	
UMPTRUCK CEMENTER			_@	
177 HELPERALIA			_ @	
IULK TRUCK	HANDLING		<u>_ </u>	_147 ∞
DRIVER BOX	MILEAGE	98/20 / W	ملان	S63.55
DLK TRUCK		, ,		- 5-
DRIVER			TOTAL	123950
JAI VAN				
REMARKS:		SERV	ICE	
\sim	DEPTH OF JO			
C'emen T. CIRCULATED		K CHARGE		44592
NA American	EXTRA FOO	rage	@	
; <u>j</u>	MILEAGE_	47	_@_ <u>285</u>	13395
- Carrie	PLUG/~8	& MODDEN		<u>. 45°</u>
THANKS	. ~		_@ <i></i>	
			@	
				5.6
T 0 0			TOTA	123°5
CHARGE TO: ASOM ()IL COMPANY				
TREET Box 701		FLOAT EQ	TESTA CENTAL	
	•	FLUAI EQI	ar warin i	
CITY KUNDELL STATE CONSUM ZIP 6765				
1			_@	
			@	
	,—————			-
		Non-termination of the second	@	
			_ @	
			TOTAL	·
•				
	ምል ነታ			
To Allied Cementing Co., Inc.			_	
You are hereby requested to rent cementing equipment	TOTAL CHAI	RGE		······································
and furnish cementer and helper to assist owner or		THE RESERVE AND ADDRESS OF THE PERSON OF THE	part and t	10 101 00 to 144
contractor to do work as is listed. The above work was	NISCOUNT -	A RATE OF THE PARTY OF THE PART	II' PA	ID IN 30 DAYS
done to satisfaction and supervision of owner agent or	. •			
contractor. I have read & understand the "TERMS AND				
CONDITIONS" listed on the reverse side.				
10				
SIGNATURE _/ DW. HL				
		•		



ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31 RUSSELL, KANSAS 67665

Federal Tax I.D.# 48-0727860

785 483 7479

TO:	Jason Cil Company .	INVOICE NO	K398
	P. O. Pox 701	PURCHASE ORDER 1	10
	Suescil, 88 67665	LEASE NAME	mith r-3
			<u> </u>
s	ERVICE AND MATERIALS AS FOLLOWS:		
	Common 84 sks 0\$6.10 Pozmix 56 sks 8\$3.15	\$51 3. 40 176.40 29.50 112.00	\$ 029 .30
	Randling 140 ssk 0\$1.05 Mileage (47) 0\$.04¢ per sk per mi Surface Mi 0\$2.65 pmp trk chg I plug	147.00 263.20 445.00 133.95 45.00	1,034.15
		Total	#1,863. # 5
will be a Paid W	unt CURRENT a nt of \$ Allowed ONLY if //thin 30 Days from f Invoice. Thank You!		

LLIED CEMENTING CO., INC. 8145

. ₹Ö. BOX 31	SERVICE POINT:
RUSSELL, KANSAS 67665	· K
, sa mana a m	
DATE 6-75-97 SEC. TWP'S RANGE CA	LLED OUT ON LOCATION JOB START JOB FINISH, W.
DATE 10-25-97 30 9 21	
LEASE WALLES LOCATION PROMOTE	Station 5 of Paler Gusham V
OLD OR VEW (Circle one) 17 2 W	ž N
CONTRACTOR DISCOURSE # Z	OWNED
COMMITTEE STATE OF THE STATE OF	OWNER
TYPE OF JOB	CEMENT
HOLE SIZE T.D.	AMOUNT ORDERED ZIS 60/40 6% SAC
CASING SIZE DEPTH	MILL PLY Sect
TUBING SIZE DEPTH DRILL PIPE 4'Z DEPTH 3875	77.10 /200 31.00
TOOL DEPTH	COMMON 129 @ 610 786,90
PRES. MAX MINIMUM	COMMON
MEAS, LINE SHOE JOINT	102/11/1
CEMENT LEFT IN CSG.	
PERFS.	100 1 100 100 100 100 100 100 100 100 1
DISPLACEMENT	
, EQUIPMENT	<u> </u>
PUMPTRUCK CEMENTER VYALA	
# 153 HELPER Paul	HANDLING @ /05 225,/3
BULK TRUCK	HANDLING @ 105 223,73 MILEAGE 470 04 404.20
# Z13 DRIVER Davis	MILEAGE 77%
BULK TRUCK	145117
# DRIVER	TOTAL _/85433
,	
DEMARKS.	SERVICE
REMARKS:	SERVICE
20 5/ € 3875	DEPTH OF JOB
20 5/ 8 3875 20 5/ 8 1860	DEPTH OF JOB
20 5/ 8 3875 20 5/ 8 1860 100 5/ 8 1080	DEPTH OF JOB PUMP TRUCK CHARGE 5500 EXTRA FOOTAGE @
20 5/ 8 3875 20 5/ 8 1860 100 5/ 8 1080 40 5/ 6 255	DEPTH OF JOB
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & ZSS 10 SY & 40	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 47.0 285 /33.95 PLUG
20 5/ 6 3875 20 5/ 6 1860 100 5/ 6 1080 40 5/ 6 255 10 5/ 6 40 10 5/ 6 40	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 47.0 285 /33.95 PLUG
20 5/ & 3875 20 5/ & 1860 100 5/ & 1080 40 5/ & 255 10 5/ & 40 10 5/ & 40	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 47.0 285 /33.95 PLUG
20 5/ 6 3875 20 5/ 6 1860 100 5/ 6 1080 40 5/ 6 255 10 5/ 6 40 10 5/ 6 40	DEPTH OF JOB
20 54 & 3875 20 54 & 1860 100 54 & 1080 40 54 & 755 10 54 & 410 10 54 & 700 manhole	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 47.0 285 /33.95 PLUG
20 5/ 6 3875 20 5/ 6 1860 100 5/ 6 1080 40 5/ 6 255 10 5/ 6 40 10 5/ 6 40	DEPTH OF JOB
20 5/ 6 3875 20 5/ 6 1860 100 5/ 6 1080 40 5/ 6 265 10 5/ 6 40 10 5/ 6 40 16 5/ 6 40 CHARGE TO: James Dil Co	DEPTH OF JOB
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & 255 10 SY & 40 10 SY & Man like 16 SY & Rothale CHARGE TO: June Dil Co	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG PLUG TOTAL 68395
20 5/ 6 3875 20 5/ 6 1860 100 5/ 6 1080 40 5/ 6 265 10 5/ 6 40 10 5/ 6 40 16 5/ 6 40 CHARGE TO: James Dil Co	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG TOTAL BASS FLOAT EQUIPMENT
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & 255 10 SY & 40 10 SY & Man like 16 SY & Rothale CHARGE TO: June Dil Co	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG 285 /33.95 PLUG 285 /33.95 TOTAL 683.95 FLOAT EQUIPMENT
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & 255 10 SY & 40 10 SY & Man like 16 SY & Rothale CHARGE TO: June Dil Co	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE FLUG TOTAL FLOAT EQUIPMENT PUMP TRUCK CHARGE TOTAL B 395
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & ZGG 10 SY & 410 10 SY & 410 15 SY & Warneline CHARGE TO: June Dil Co STREET BOX 701 CITY Russell STATE Kan ZIP 67665	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE FLOAT EQUIPMENT FLOAT EQUIPMENT
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & 255 10 SY & 40 10 SY & Man like 16 SY & Rothale CHARGE TO: June Dil Co	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE FLOAT EQUIPMENT FLOAT EQUIPMENT ### Company of the c
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & 265 10 SY & 40 10 SY & 40 10 SY & Warning CHARGE TO: June Dil Co STREET BOX 701 CITY Russell STATE Kan ZIP (7665	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE FLOAT EQUIPMENT FLOAT EQUIPMENT
ZO 5/ & 3875 ZO 5/ & 1860 10 5/ & 1860 40 5/ & 265 10 5/ & 40 10 5/ & 40 10 5/ & 40 CHARGE TO: John Dil Co STREET BOX 70/ CITY Russell STATE Kan ZIP 67665 To Allied Cementing Co., Inc.	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE FLOAT EQUIPMENT FLOAT EQUIPMENT ### Company of the c
ZO SY & 3875 ZO SY & 1860 ID SY & 1080 ID SY & 265 ID	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE FLOAT EQUIPMENT FLOAT EQUIPMENT ### Company of the c
ZO SY & 3875 ZO SY & 1860 DO SY & 1080 40 SY & ZGS DO SY & LIO CHARGE TO: LOS DO LOS STREET BOX 70/ CITY Russell state Kan ZIP 67665 To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG TOTAL FLOAT EQUIPMENT FLOAT EQUIPMENT ##################################
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & ZGG 10 SY & LIO 1	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILBAGE PLUG TOTAL BASS FLOAT EQUIPMENT FLOAT EQUIPMENT TOTAL TOTAL TOTAL TOTAL
ZO SY & 3875 ZO SY & 1860 10 SY & 1080 10 SY & 265 10 SY & 410 10 SY & 265 10	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG TOTAL FLOAT EQUIPMENT FLOAT EQUIPMENT ##################################
ZO SY & 3875 ZO SY & 1080 100 SY & 1080 40 SY & ZGG 10 SY & LIO 1	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG FLOAT EQUIPMENT FLOAT EQUIPMENT TOTAL TAX
ZO SY & 3875 ZO SY & 1860 100 SY & 1080 40 SY & 265 10 SY & 410 1	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MILEAGE TOTAL B TOTAL TOTAL TAX TOTAL CHARGE
ZO SY & 3875 ZO SY & 1080 100 SY & 1080 40 SY & ZGG 10 SY & LIO 1	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG FLOAT EQUIPMENT FLOAT EQUIPMENT TOTAL TAX
ZO SY & 3875 ZO SY & 1080 100 SY & 1080 40 SY & ZGG 10 SY & 410 10 SY & YOURSELVE CHARGE TO: Low Dil Co STREET BOX 70/ CITY Russel/ STATE Kan zip 67665 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	DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MILEAGE TOTAL B TOTAL TOTAL TAX TOTAL CHARGE

ALLIED CEMENTING COMPANY, INC.

	r. 🗘	, D.	10 VI		- 4
4	المنتشعان والمستعدد	diam.	والدنانين .	1212	46
RUS	SELL	KΆΝ	ISAST	l7845	44
(Oxid)		Niew,	19 Page 18	Second Sec.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

TO:	Jason Cil Company		5453		
10.	P. O. Box 701	PURCHASE ORDER NO.			
•	Russell, KS 67605	LEASE NAME	mith 0 #3		
		DATE	5-97		
5	ERVICE AND MATERIALS AS FOLLOWS:				
	Common 129 ask 056.10 Pozmix 86 sks 053.15 Gel 11 sks 039.50 Ploseal 54# 0\$1.15	\$786.90 270.90 104.50 62.10	\$1,224.40		
	Handling 215 sks 9\$1.05 Mileage (47) 9\$.04¢ per sk per mi Pump TRuck Hi 0\$2.85 pmp trk chg	225.75 404.20 550.00 133.95	1,313.90		
		Tbbal	\$2,538.30		
will be Paid V	ount CURBENT a int of \$ Allowed ONLY if within 30 Days from Invoice. Thank You!				

All Prices Are Net, Payable 30 Days Following Date of Invoice. 14% Charged Thereafter.

ARROW TESTING COMPANY

P. O. BOX 1051

GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA 15-065-22786

Well Name	Smith "D"	ORIGINAL	Test No.	1
Well Number	3	OKIOIIIAL	Zone Tested	KC
Company	Jason Oil Co		Date	6/23/97
Comp. Rep.	R Nelson		Tester	Don Fabricius
Contractor	Discovery Drlg		Ticket No.	3267
Location	30-9-21		Elevation	

Recorder No. 3088 Depth 3590						
Initial Hydro Mud Press	1706		Initial Hydro Mud Pres	·e	1798	**************************************
Initial Hydro Mud Press	35		_Initial Chut in Proce		35	***************************************
Initial Shut-in Press.	23-23		_mitial Shut-in Fress		35-35	
Initial Flow Press.	00					
Final Flow Press.			_Final Flow Press			
Final Shut-in Press.			_Final Shut-in Press			
Final Hydro Mud Press	1796		Final Hydro Mud Press	·	1798	
Temperature			_Tool Open Before I. S.	ı. <u>15</u>		Mins.
Mud Weight 9.1						
Fluid Loss10			_Flow Period	5		Mins.
Interval Tested	3565-98		_Final Shut-in			Mins.
Top Packer Depth	3560		_Surface Choke Size_	1		**************************************
Bottom Packer Depth	3565		Bottom Choke Size	3/4		
Total Depth	3598		_Main Hole Size	7 7/8		,
Drill Pipe Size 4 1/2 X H	1_ _{Wt.} _16.60		_Rubber Size	6 3/4	up=***	
Drill Collar I. D.	Ft. Run			,,	**************************************	
Recovery—Total Feet	1 11 11 11 11 11 11 11 11 11 11 11 11 1					
Recovered 1 Fee	et Of	Muddy (oil			
RecoveredFee						
RecoveredFee	et Of					
RecoveredFee	et Of					
Remarks Very weak bl	ow dead in 5	min flus	sh tool			
on second or	oen no blow					

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, or whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

Ву	1

TESTING COMPANY ARROW GREAT BEND, KANSAS 67530

P. O. BOX 1051

DRILL-STEM TEST DATA

15-065-22786

Clock Pange 12

Well Name	Smith "D"	ORIGINAL	Test No.	2
Well Number	3	UNIONITIA	Zone Tested	Arb
Company	Jason Oil Co		Date	6/24/97
Comp. Rep.	R Nelson		Tester	Don Fabricius
Contractor	Discovery Drlg		Ticket No.	3268
Location	30-9-21		Elevation	

Recorder No3088	_Clock Range_12	Recorder No. 4377	Clock Range	12
Depth3912		Depth <u>3916</u>		
Initial Hydro Mud Press	2015	_Initial Hydro Mud Press.	2015	
Initial Shut-in Press.	1117	_Initial Shut-in Press	1123	
Initial Flow Press.	70-82	_Initial Flow Press	70-82	
Final Flow Press.	105-117	_Final Flow Press	105-117	
Final Shut-in Press.	1105	_Final Shut-in Press	1107	
Final Hydro Mud Press	2015	_ Final Hydro Mud Press	2015	
Temperature		_Tool Open Before I. S. I.	45	Mins.
Mud Weight 9.4	Viscosity46	Initial Shut-in	45	Mins.
Fluid Loss8.8		Flow Period	45	Mins.
Interval Tested	3868-3920	Final Shut-in	45	Mins.
		Surface Choke Size		
		Bottom Choke Size		
Total Depth	3920	Main Hole Size7	7 7/8	
Drill Pipe Size 4 1/2 X F	1_ _{Wt.} _16.60	Rubber Size6	3/4	
Drill Collar I. D.	Ft. Run			
Recovery—Total Feet				
Recovered 140 Fee	et Of Mud w	ith a few specks of oil		
RecoveredFee	et Of			
RecoveredFee	et Of			
RecoveredFee	et Of			
Remarks Weak building to fair blow thru-test				
Trout ballaling to fall blow that tool				

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

Ву	<u></u>
-	Ocumen Observe on his Agent

