CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

API NO. 15- 163-23,424-00-00

STATE CORPORATION COMMISSION OF KANSAS

OIL & GAS CONSERVATION DIVISION WELL COMPLETION FOR PORTION	
ACO-1 WELL HISTORY	90' North & 70' East of E
DESCRIPTION OF WELL AND LEASE	<u>C - N/2 - SW - SW</u> Sec. <u>32</u> Twp. <u>7S</u> Rge. <u>20</u> X W
Operator: License #	 <u>1080 ·</u> Feet from(S) N (circle one) Line of Section
Name: John O. Farmer, Inc.	Feet from E(W)(circle one) Line of Section
Address P.O. Box 352	Footages Calculated from Nearest Outside Section Corner:
	NE, SE NW or (SW)(circle one)
City/State/Zip Russell, KS 67665	Lease Name <u>Benoit "A"</u> Well # 1
Purchaser: NCRA	Field Name(wildcat)
•	Producing FormationLansing "F" & "E"
Operator Contact Person: John O. Farmer IV	,
Phone (785) 483-3144	Elevation: Ground
Contractor: Name: Discovery Drilling Co., Inc. KC	
Litterise. S1540	Amount of Surface Pipe Set and Cemented at Feet
Wellsite Geologist: Matt Dreiling	2004
YUY U	Multiple Stage Cementing Collar Used? X Yes No
Designate Type of Completion	Multiple Stage Cementing Collar Used? X Yes No 1539 Feet
X New Well Re-Entry Workover CUNTIDE	
	If Alternate II completion, cement circulated from1539
	feet depth to <u>surface</u> w/ <u>250</u> sx cmt.
Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc.)	Drilling Fluid Management Plan ALTIWHM
If Workover/Re-Entry: old well info. as follows:	(Data must be collected from the Reserve Pit) &-28-07
•	
Operator:	Chloride content <u>2,000</u> ppm Fluid volume <u>80</u> bbls
Well Name:	Dewatering method used <u>hauled free fluid</u>
Comp. DateOld Total Depth	
·	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	
Plug Back PBTD	Operator NameJohn O. Farmer, Inc.
Commingled Docket No	
Dual Completion Docket No	Lease Name Miller License No. 5135
Other (SWD or Inj?) Docket No.	
9.70.0/	<u>NW</u> Quarter Sec. <u>11</u> Twp. <u>10</u> S Rng. <u>21</u> E(W)
8-30-04 9-4-04 9-20-04	Onumber Davids No. D 27 477
Spud Date Date Reached TD Completion Date	County Graham Docket No. D-26,144
Room 2078, Wichita, Kansas 67202, within 120 days of the spuc	side two of this form will be held confidential for a period of see rule 82-3-107 for confidentiality in excess of 12 eport shall be atached with this form. ALL CEMENTING TICKETS
All requirements of the statutes, rules and regulations promulg with and the statements herein are complete and correct to the	gated to regulate the oil and gas industry have been fully complied best of my knowledge.
Signature John O. Farmer III Title President Date 11-4-04 Subscribed and sworn to before me this 4th day of November 20 04. Notary Public Margaret A. Schulte Date Commission Expires	KCC SWD/Rep NGPA NGPA Other
NOTARY PUBLIC - State of Kansas MARGARET A. SCHULTE May Appl. Exp. 1-22-05	RECEIVED Form ACO-1 (7-91) NOV 0 5 2004 KCC WICHITA

SIDE TWO Operator Name John O. Farmer, Inc. Lease Name Well # County Sec. <u>32</u> Twp. <u>7S</u> Rge. <u>20</u> INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log. لاً Sample Ĺχ.j Log Drill Stem Tests Taken Formation (Top), Depth and Datums LXJ Yes L No (Attach Additional Sheets.) Name Top Datum Anhydrite 1524 (+446)□ □ □ No Samples Sent to Geological Survey Topeka 29441 (-974)Heebner 150 نا (-1180)☐ Yes [X] No Cores Taken Toronto 13173 ع (-1203)Lansing/KC 31891 (-1219)LYJ Yes LJ No Electric Log Run Stark 33641 (-1394)(Submit Copy.) Base/KC 33901 (-1420)Arbuckle 34381 (-1468)List All E.Logs Run: I_T_D_ ن3500 (-1530)Dual Compensated Porosity Log Dual Induction Log Microresistivity Log CASING RECORD Used Report all strings set-conductor intermediate, production, etc. Purpose of String Size Hole Size Casing Weight Setting # Sacks Type and Percent Type of Drilled Set (In O.D.) Lbs./Ft. Depth Cement Used Additives Surface 12-1/4" 8-5/8" 23# 2121 3% CC, 2% gel 150 Common Production 7-7/8" 5-1/2" 14# 34971 2% gel, 500 gal. ASC 150 WFR-2, 3/4% CD-31 Port Collar— --- 1539 ---[⊥]60/40 Pozmix[⊥] [⊥]6% gel, 1/4# floseal ADDITIONAL CEMENTING/SQUEEZE RECORD 2 sks. sand Purpose: Depth Perforate Top Bottom Type of Cement #Sacks Used Type and Percent Additives Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Specify Footage of Each Interval Perforated Shots Per Foot (Amount and Kind of Material Used) Depth 4 SPF 3266-3277' OA 1000 gals. mud acid TUBING RECORD Size Set At Packer At Liner Run Yes X No 2-3/8" 34671 Date of First, Resumed Production, SWD or Inj. Producing Method October 2, 2004 Estimated Production Oil Bbls. Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours 20.56 30.82 38.6° Disposition of Gas: METHOD OF COMPLETION **Production Interval** Open Hole LXJ Perf. Dually Comp. Commingled ☐ Vented ☐ Sold ☐ Used on Lease 3266-3277' OA (If vented, submit ACO-18.) Other (Specify)



P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

KCC

NOV 0 4 2004

CONFIDENTIAL

DRILLER'S LOG

Operator: John O. Farmer, Inc.

PO Box 352

Russell, KS 67665

Lease: Benoit "A" # 1

Contractor: Discovery Drilling Co., Inc.

PO Box 763

Hays, KS 67601

Location: 90' N & 70' E of N/2 / SW / SW

Sec. 32/7S/20W Rooks Co., KS

Loggers Total Depth: 3500'

Rotary Total Depth: 3498'

Commenced: 8/30/2004

Casing: 8 5/8" @ 211.44' w/ 150 sks

5 1/2" @ 3497' w/ 150 sks (Port Collar @ 1538')

Elevation: 1962' GL / 1970' KB

Completed: 9/8/2004 Status: Oil Well

DEPTHS & FORMATIONS

(All from KB)

Surface, Sand & Shale	0'	Shale	1560'
Dakota Sand	556'	Shale & Lime	1933'
Shale	628'	Shale	2256'
Cedar Hill Sand	1025'	Shale & Lime	2780'
Red Bed Shale	1251'	Lime & Shale	3103'
Anhydrite	1524'	RTD	3498'
Base Anhydrite	1560'		
STATE OF KANSAS)	N 00		
COUNTY OF ELLIS) ss)		

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned yell

Thomas H. Alm

Subscribed and sworn to before me on

My Commission expires:

(Place stamp or seal below)

Notary Public

NOTARY PUBLIC - State of Kansas GLENNA S. My Appt. Exp.

RECEIVED

NOV 0 5 2004

KCC WICHITA

ALLIED CEMENTING CO., INC. 16058

Federal Tax REMIT TO P.O. BOX 31	I.D.#	SERV	/ICE POINT:		MAR
RUSSELL, KANSAS 67665	• .		7		
DATE 8-30-04 SEC. TWP. RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	
LEASE BELOT WELL# / LOCATION James	1R N TO 2	24 AGWY	CRAHAM	STATE	_
OLD OR (Circle one)	EZU				KCC
CONTRACTOR DESCOUTE F	OWNER				
TYPE OF JOB SURFACE HOLE SIZE /Z4 T.D. Z/Z	CEMENT				NOV 0 4 2004
CASING SIZE SE DEPTH Z/Z		DERED	o com =	% cc	CONFIDENTIAL
TUBING SIZE DEPTH				.% LEL	. OOM IDENTIFIED
DRILL PIPE DEPTH TOOL DEPTH					•
PRES. MAX MINIMUM	COMMON	150	@ 7 % 5	117750	
MEAS. LINE SHOE JOINT	POZMIX		@		
CEMENT LEFT IN CSG. /O-/5	GEL	<u>3</u>	@ // @ @ 33 9	33 00	
PERFS. DISPLACEMENT 12/2 BBL	CHLORIDE ASC			/45 °	
EQUIPMENT					•
			_@		
PUMP TRUCK CEMENTER MARK		·····	_@ 		
# 366 HELPER SAMME BULK TRUCK			@		
# ZZZ DRIVER Zufus			_@		· ·
BULK TRUCK			_@		
# DRIVER	HANDLING_	/58	@ /35	Z/330	•
	MILEAGE	54/51	GMILE	48/ 90	•
REMARKS:		,	TOTAL	207070	
BEMENT CIRC	1	SERVI	CE .		Tr.
	DEPTH OF JO	D			
		CHARGE		570°°	
	EXTRA FOOT			24400	•
	MILEAGE	<u> </u>	@ 4/67	<u> 244 = </u> 55%	
	<u> </u>	272			
			@		•
CHARGE TO: JOHAL O. FARMER.				A	
STREET			· TOTAL	8692	•
CITYSTATEZIP	1	PLUG & FLOAT	EOUPMEN	ır	
	MANIFOLD_				
The Allfred Connecting Control			_@ _@		
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			TOTAL	·	
contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.	TAX				
COLVERTIONS Instead on the levelse state.	TOTAL CHAR	GE			
	DISCOUNT -		п.тм	71 70 DUID	REC-
SIGNATURE					RECEIVED NOV 0 5 2004 KCC WICHITA
		PRINTE	D NAME		NOV DE -
					KCO 2004
	•		•		WICH.
					" " L M I ~

Federal Tax EMIT TO P.O. BOX 31	SERVICE POINT:	Ma
RUSSELL, KANSAS 67665	9-5-04 Russell	
ATE 9-4-04 32 TWP. RANGE 20	CALLED OUT ON LOCATION JOB START JOB FIN	SAM
EASE BENIOT WELL # A-1 LOCATION DAN	AR IN TO 24 HUYCOUNTY STATE	945
LD OR (NEW) (Circle one)	/8 E	
ONTRACTOR DISCOVERY RIGHT	OWNER 4 -	
YPE OF JOB OLE SIZE 778 T.D. 3498	CEMENT Just 150 als	
ASING SIZE 512 DEPTH 3499	AMOUNT ORDERED 175 SK ASC 22	gel KCC
UBING SIZE DEPTH RILL PIPE DEPTH	3/4 OF 10 CD-31 - DEFOAMERS	
OOL AFU INSERT DEPTH 3476		NOV 0 4 20
RES. MAX 900# MINIMUM REAS. LINE SHOE JOINT 21, 28	POZMIX @	CONFIDENTI
EMENT LEFT IN CSG. 21.28	GEL 3 @ <u>1122</u> 33	<u>&</u>
ERFS. ISPLACEMENT 85 BBL	CHLORIDE@	5.00
EQUIPMENT	CD-31 123 @ 55 67	454
,	DETAINER 44 @ 525 23	
366 HELPER SHAMO		
ULK TRUCK		 . :
ULK TRÚCK DRIVER RAIG	@	
DRIVER	@ 135 2W	200
/ DEMANAGE	MILEAGE 54/5k/mile 54	240
REMARKS: 201 447 JT. (1540)	* TOTAL	8.70
	SERVICE	
MUHI MESD.	DEPTH OF JOB	
Fako Caulia	PUMP TRUCK CHARGE	م ا
5 sk@ Rat Hole.	EXTRA FOOTAGE @ @	42
THANKS	MANIFOLD@	
-P 10 -	ROTATING HEAD®) <u>ee</u>
HARGE TO: JOHN U. FARMER	J.	A C9
TREET	TOTAL	4-
TTYSTATEZIP	5 名 C S G PLUG & FLOAT EQUIPMENT	
Blo	PORT Collar 1750	<u>. 22</u>
FAXED!	Guide Shoe @ 150 TNSERT @ 235	<u>e</u>
o Allied Cementing Co., Inc.	D-Cent @ 50 35	2 = -
ou are hereby requested to rent cementing equipment	3-85K, @ 128 384 20-ROTATING @ 45 90	2
d furnish cementer and helper to assist owner or outractor to do work as is listed. The above work was	SCRATOREKS	
one to satisfaction and supervision of owner agent or	(100') TOTAL 376	3 -
ontractor. I have read & understand the "TERMS AND ONDITIONS" listed on the reverse side.	TAX	
	TOTAL CHARGE	
	DISCOUNT IF PAID IN 30 E	RECEIVED NOV 0 5 2004 KCC WICHITA
GNATURE Ann Weenhos		CELVED
GIVALUKE WWW WILLIAM WAS A STATE OF THE STAT	PRINTED NAME	WOY 05 200

ALLIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SER	VICE POINT:Russ	ا ا ا
DATE 9-12-04 SEC. TWP. RANGE C	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE BONG! T WELL# LOCATION Damas	•		COUNTY	STATE
OLD OR NEW (Circle one)				
CONTRACTOR WESTERN WELL SERVICE	OWNER		_ 	
TYPE OF JOB PORT Caller (CIRC, Cement)	CWINER	2	50sx)	
HOLE SIZE T.D.	CEMENT (USEV_		. سا
CASING SIZE 5 1/2" DEPTH	AMOUNT ORD	ERED	USK 14	0 62901
TUBING SIZE 2" DEPTH	25K SanD	·	YA + FIOKS	e _A L
DRILL PIPE DEPTH			TPER	_SK/
TOOL PORT COLOR @ DEPTH 1539	CONDION	150		117750
PRES. MAX 760 # MINIMUM MEAS. LINE SHOE JOINT	COMMON		- 40	4/000
CEMENT LEFT IN CSG.	POZMIX	15	@ <u>//</u>	1650
PERFS.	CHLORIDE			
DISPLACEMENT	ASC		@	
EQUIPMENT				
	SAU		@ 75°	/5∞
PUMP TRUCK CEMENTER Skew			_@	·
# 221 HELPER Shane		 	@	
BULK TRUCK		·	@	
# 378 DRIVER CRAIG	· · · · · · · · · · · · · · · · · · ·		_	
BULK TRUCK		<u> </u>	_	-
# DRIVER	HANDLING	373		5035E
,	MILEAGE	59/5/	/MILE	124955
REMARKS:		/	, TOTAL	352040
BRIDGE Pluge 2601' Test Tooks @ 700	#CHrD)			***************************************
		SERVI	CE	
SPOT ASKSONDICAS 40° CAMPUT 10				
SPOT 2 SESAND @ 2540'. CAME UP TO 1539' & OPENED PORT COLLEGE GOT GOOD				
ISS OF OFFICE PORT COLLEGE, GOT GOOD LIKE, AROUND ANNULAS, MIXED 250 SK	DEPTH OF JOB			
1539 O PRIVED FORT COLLAR, GOT GOOD THE AROUND ANNULAS MIXED 250 SK CEMMENT & CEMMENT CIRCLE TO SURTACE	PUMP TRUCK	CHARGE		700 <u>°</u>
1539 O PRIVED FORT COLLEGE, GOT GOOD THE AROUND ANNULAS MIXED 250 SK CEMMIT & CEMMIT CIRCL TO SURFACE CLOSED PORT COLLEGE WAShED	PUMP TRUCK (EXTRA FOOTA	CHARGE	@	
1539 O PRIVED FORT COLLAR, GOT GOOD IRC. AROUND ANNULAS. MIXED 250 SK COMMENT & COMMENT CIRCL TO SURFACE CLOSED FORT COLLAR, WAShED TUBING CLEAN, RAN DOWN & WASH	PUMP TRUCK EXTRA FOOTA MILEAGE	CHARGE GE	_@	700°
1539 O PRIVED FORT COLLAR, GOT GOOD IRC. AROUND ANNULAS. MIXED 250 SK COMMENT & COMMENT CIRCL TO SURFACE CLOSED FORT COLLAR, WAShED TUBING CLEAN, RAN DOWN & WASHE SAND OFF BRIDGE Plug.	PUMP TRUCK (EXTRA FOOTA	CHARGE GE	@ @ /<u>œ</u> @	
1539 O PRIVED FORT COLLAR, GOT GOOD IRC. AROUND ANNULAS. MIXED 250 SK COMMENT & COMMENT CIRCL TO SURFACE CLOSED FORT COLLAR, WAShED TUBING CLEAN, RAN DOWN & WASH	PUMP TRUCK EXTRA FOOTA MILEAGE	CHARGE GE	_@	•
1539 O PRIVED FORT COLLER, GOT GOOD LIRE. AROUND ANNULAS MIXED 250 SK CEMMIT & CEMMIT CIRC. TO SURTHER CLOSED FORT COLLOR, WASHED TUBING CLEAN, RAN DOWN & WASH SAND OFF BRIDGE Plug.	PUMP TRUCK EXTRA FOOTA MILEAGE	CHARGE GE	@ @ /<u>œ</u> @	
1539 O PRIVED FORT COLLAR, GOT GOOD IRC. AROUND ANNULAS. MIXED 250 SK COMMENT & COMMENT CIRCL TO SURFACE CLOSED FORT COLLAR, WAShED TUBING CLEAN, RAN DOWN & WASHE SAND OFF BRIDGE Plug.	PUMP TRUCK EXTRA FOOTA MILEAGE	CHARGE GE	@@ @@ @ @	268 **
1539 O PENNED PORT CONTRA, GOT GOOD THE AROUND ANNUAS MIXED 250 SK COMMIT & COMMIT CIRC TO SURTHER CLOSED PORT CONDR, WAShED TUBING CLEAN, RAN DOWN & WASH SAND OFF BRIDGE Plug THANKS CHARGE TO: JOHN O. FARMER	PUMP TRUCK EXTRA FOOTA MILEAGE	CHARGE GE	@@ @@ @ @	
THAINS CHARGE TO: JOHN O. FARMER STREET OF PORT COLLEGE THAINS THAINS THAINS THAINS THAINS TREET	PUMP TRUCK OF EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE	@@ @@ @ @ TOTAL	268°°
1539 O PRIVED FORT COLLER, GOT GOOD LIRE. AROUND ANNULAS MIXED 250 SK CEMMIT & CEMMIT CIRC. TO SURTHER CLOSED FORT COLLOR, WASHED TUBING CLEAN, RAN DOWN & WASH SAND OFF BRIDGE Plug.	PUMP TRUCK OF EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE	@@ @@ @ @ TOTAL	268 <u>≈</u>
THAINS CHARGE TO: JOHN O. FARMER STREET OF PORT COLLEGE THAINS THAINS THAINS THAINS THAINS TREET	PUMP TRUCK OF EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE	@@ @@ @ @ 	268 <u>≈</u>
THAINS CHARGE TO: JOHN O. FARMER STREET OF PORT COLLEGE THAINS THAINS THAINS THAINS THAINS TREET	PUMP TRUCK OF EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE	@@ @@ @@ TOTAL	268°°
THAINS CHARGE TO: JOHN O. FARMER STREET OF PORT COLLEGE THAINS THAINS THAINS THAINS THAINS TREET	PUMP TRUCK OF EXTRA FOOTA MILEAGE MANIFOLD	CHARGE GE	@@ @@ TOTAL TEQUIPMEN	268 <u>°°</u> 968°°
1539 O PRIVED FORT COLLAR, GOT GOOD IRE. AROUND ANNULAS. MIXED 250-SK COMMIT & COMMIT CIRC. TO SURFACE CLOSED FORT COLLAR, WASHED TOBING CLEAN, RAN DOWN & WASH SAND OFF BRIDGE Plug. THAINKS CHARGE TO: JOHN O. FARMER STREET CITY	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGEGE	TOTAL TEQUIPMEN a a a a a a a a a a a a	. 408≈ . 208≈
TO Allied Cementing Co., Inc.	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGEGE	TOTAL TEQUIPMEN	. 408≈ . 408≈
THAINS CHARGE TO: JOHN O. FARMER STREET OF PORT COLLEGE THAINS THAINS THAINS THAINS THAINS TREET	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGEGE	TOTAL TEQUIPMEN	. 408≈ . 208≈
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	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGEGE	@	268 [∞] 968 [∞]
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	PUMP TRUCK (EXTRA FOOTA MILEAGE	CHARGEGE	@	. 408≈ . 408≈
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 EXTRA FOOTA MILEAGE MANIFOLD P)	CHARGEGE	@	268 [∞] 968 [∞]
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 EXTRA FOOTA MILEAGE MANIFOLD P)	CHARGE	@	268 [∞] 968 [∞]
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 EXTRA FOOTA MILEAGE MANIFOLD P)	CHARGE	@	268 [∞] 968 [∞]
TO Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment	PUMP TRUCK EXTRA FOOTAMILEAGE	CHARGE	TOTAL TEQUIPMEN @ @ @ TOTAL TOTAL	268°° 968°°
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 EXTRA FOOTAMILEAGE	CHARGE	TOTAL TEQUIPMEN @ @ @ TOTAL TOTAL	268 [∞] . 968 [∞]

KCC NOV 0 4 2004 CONFIDENTIAL

RECEIVED

NOV 0 5 2004

KCC WICHITA

PRINTED NAME