

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 03277  
Name Stratco, Inc.  
Address P. O. Box 3637  
City/State/Zip Edmond, OK 73083

Purchaser K. N. Marketing, Inc.  
(To Be Connected)

Operator Contact Person Louis Boyce  
Phone 405-348-6829

Contractor: License # 5107  
Name H-30 Drilling, Inc.

Wellsite Geologist A. O. K.  
Phone 316-672-7531

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWNED: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
2-28-89 3-2-89 6-15-89  
Spud Date Date Reached TD Completion Date  
3001' 2787  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 312 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1628 feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name Allied Cementing Co.  
Invoice # 53572  
AIR Not Confirmed

API NO. 15-075-20,416-0000

County Hamilton  
Apprx.

C - NE Sec 19 Twp 24S Rge 4E East  
X West

4110 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

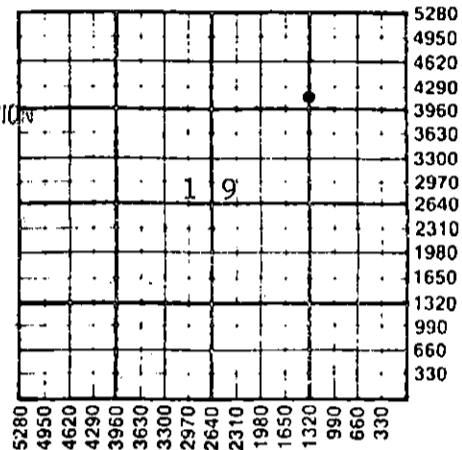
Lease Name Inge Well # 1

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3325 KB 3336

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
OCT 11 1989  
CONSERVATION DIVISION  
Wichita, Kansas  
10-11-89

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T-89-089

Groundwater...Ft North from Southeast Corner  
(Well) ...Ft West from Southeast Corner of  
Sec Twp Rge East West  
 Surface Water...Ft North from Southeast Corner  
(Stream, pond etc)...Ft West from Southeast Corner  
Sec 24 Twp 24 Rge 41 East X West  
 Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 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 and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]  
Title President Date 10-9-89

Subscribed and sworn to before me this 9th day of October 1989.  
Notary Public Mary A. Slusker  
Date Commission Expires January 30, 1993

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
CL Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

XPI

ORIGINAL

SIDE TWO

Operator Name Stratco, Inc. Lease Name TUGS Well # 1

Sec. 19 Twp. 24S Rge. 41W East West County Hamilton

WELL LOG

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.

Drill Stem Tests Taken [ ] Yes [X] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [ ] Log [X] Sample

Table with 3 columns: Name, Top, Bottom. Rows include Sand and Shale, Sand, Shale and Red Bed, Red Bed, Sand, Red Bed and Shale, Shale and Lime, and Rotary Total Depth.

Handwritten notes or scribbles.

CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data section. Includes details on casing size, perforation shots, tubing size, and estimated production per 24 hours.

METHOD OF COMPLETION

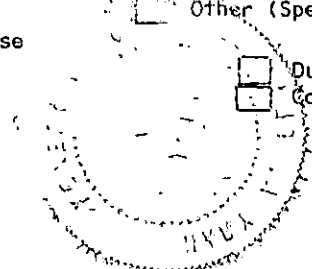
Production Interval Winfield

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [X] Perforation [ ] Other (Specify)

2298 & 2308

Dually Completed Gommigled

WOPL Connection



15-075-20416-0000

OR 30 Dale Co 11 RIG NO. 11

CONTRACTOR'S TOOL PUSHER  
 John Sellers  
 PUMP MANUFACTURER  
 NAT'L C-350 15

FIELD OR DIST. COUNTY STATE

WIRE LINE RECORD DEEL NO.  
 SIZE 1 1/8 INCH LINES 8 FT. SLIPPED 60  
 FT. CUT OFF 60 PRESENT LENGTH 60

LAST CASING TUBING OR LINER  
 SIZE MAKE WT. & QTY. NO. JOINTS FEET REL. TO C.C. NO. SET AT  
 8 3/8 NEW 2 1/4 8 300 12 312

TONAL OR TRIPS SINCE LAST CUT  
 CUMULATIVE TONAL OR TRIPS

DRILLING CREW PAYROLL DATA  
 DATE 3-28-89  
 WELL NAME & NO. Range #1  
 COMPANY STATES U  
 TOOL PUSHER [Signature] RIG NO. 11

BT RECORD MUD RECORD

TIME WEIGHT PRESSURE GRADIENT VISC.-SEC. PV/TP CELLS WL-CC'S pH SOLIDS %

MUD & CHEMICALS ADDED  
 TYPE AMT. TYPE AMT.  
 Feb 20 Same 1

FOOTAGE FROM TO DR. D. RL-R CORE-C FORMATION (SHOW CORE RECOVERY) ROTARY RPM WT. ON BIT 1000# PUMP PRESS PUMP NO. LINER SIZE S.P.M. LINER SIZE S.P.M. METHOD RUN

DEVIATION RECORD DEPTH DEV. DIRECTION DEPTH DEV. DIRECTION DEPTH DEV. DIRECTION

TIME LOG FROM TO ELAPSED TIME CODE NO. DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS  
 7:00 3:00 8 1 Rig ops permit Spud cement

MORNING TOUR P.M. A.M.

CREW SOC. SEC. NO. NAME HRS.  
 DRILLER Felix Cunningham 8 245 RT  
 DRKMAN Steve Escobedo 8  
 MTRMAN  
 FIREMAN  
 FLRMAN  
 FLRMAN  
 FLRMAN  
 TRAINEE

RECEIVED STATE CORPORATION COMMISSIONS  
 NO ACC. JUL 1 1989  
 CONSERVATION DIVISION  
 WITHINIA, CALIFAS

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

BT RECORD MUD RECORD

TIME WEIGHT PRESSURE GRADIENT VISC.-SEC. PV/TP CELLS WL-CC'S pH SOLIDS %

MUD & CHEMICALS ADDED  
 TYPE AMT. TYPE AMT.  
 12/14  
 REED HP/2.1  
 13 23.13  
 40  
 15

FOOTAGE FROM TO DR. D. RL-R CORE-C FORMATION (SHOW CORE RECOVERY) ROTARY RPM WT. ON BIT 1000# PUMP PRESS PUMP NO. LINER SIZE S.P.M. LINER SIZE S.P.M. METHOD RUN

DEVIATION RECORD DEPTH DEV. DIRECTION DEPTH DEV. DIRECTION DEPTH DEV. DIRECTION

TIME LOG FROM TO ELAPSED TIME CODE NO. DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS  
 7:00 12:00 5 1 RIG UP  
 12:00 3:00 3 2 DRIG W/ 1/4 HR. CORE + 1/4 HR. T.O.H. Fuel 25

DAY TOUR P.M. A.M.

CREW SOC. SEC. NO. NAME HRS.  
 DRILLER FELIX LOYA 8 140 MR  
 DRKMAN MARIO MORENO 8  
 MTRMAN JOSE A. JURADO 8  
 FIREMAN FIREMAN MORENO 8  
 FLRMAN  
 FLRMAN  
 FLRMAN  
 WELDER DENNIS WARD 8 30 RT  
 NO/ACC.

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

BT RECORD MUD RECORD

TIME WEIGHT PRESSURE GRADIENT VISC.-SEC. PV/TP CELLS WL-CC'S pH SOLIDS %

MUD & CHEMICALS ADDED  
 TYPE AMT. TYPE AMT.

FOOTAGE FROM TO DR. D. RL-R CORE-C FORMATION (SHOW CORE RECOVERY) ROTARY RPM WT. ON BIT 1000# PUMP PRESS PUMP NO. LINER SIZE S.P.M. LINER SIZE S.P.M. METHOD RUN

DEVIATION RECORD DEPTH DEV. DIRECTION DEPTH DEV. DIRECTION DEPTH DEV. DIRECTION

TIME LOG FROM TO ELAPSED TIME CODE NO. DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS  
 3:00 4:30 1 1/2 Run 8 3/8 csg.  
 4:30 5:00 1/2 Core + cement  
 5:00 11:00 6 WOC Cut 60' Delg Line

EVENING TOUR 300 P.M. 11:00 P.M.

CREW SOC. SEC. NO. NAME HRS.  
 DRILLER John Farrand 8 30 RT  
 DRKMAN Walt Standifer 8  
 MTRMAN Hector Moreno 8  
 FIREMAN Dennis Ward 8  
 FLRMAN  
 FLRMAN  
 FLRMAN  
 TRAINEE

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

ORIGINAL

15.075-20416-0000

RIG NO. 11  
 1-30 Day Co.  
 OF CONTRACTOR'S TOOL PUSHER  
 PUMP MANUFACTURER: *Walter*  
 TYPE: C-250  
 STROKE LENGTH: 15"

FIELD OR DIST. *Hamilton* COUNTY *Hamilton* STATE *Kansas*  
 WIRE LINE RECORD REEL NO.  
 SIZE 8 7/8 MAKE *25 KCS* NO. JOINTS FEET RIB. TO CSC. NO. SET AT  
 FT. CUT OFF PRESENT LENGTH  
 TOM. IN. OR TRIPS SINCE LAST CUT  
 CLIMB. TYPE TOM. IN. OR TRIPS

DRILLING CREW PAYROLL DATA  
 DATE 3-1-89  
 WELL NAME & NO. *Jorge #1*  
 COMPANY *Stratos Inc.*  
 TOOL PUSHER RIG NO. 11

MUD RECORD

TIME	WT.	PR.	GR.	W.C.	PH.	S.
7:40	H					
STC	2					
EDS						
KK560						
12						
12 P						
326						
3/4						
MUD & CHEMICALS ADDED						
TYPE	AMT.	TYPE	AMT.			
Sol	25					
S.H.	1					

FOOTAGE

FROM	TO	DR. D. IN. R. CORE. C.	CODE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000*	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
326	870			Sand-Clay-Redbed	80	100	1000	6	60			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
11:00	12:30	1 1/2	12	W.O.C. & T.H.
12:30	1:15	3/4	22	Daily plate connect.
1:15	2:00	5/4	2	Daily formation 2 1/2 Hr. Conn

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DRILLER *Cunningham*

MORNING TOUR 11:00 P.M. 7:00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>J.E. Cunningham</i>	8 345 RT
DRSMAN		<i>Steve...</i>	8
MTRMAN		<i>Manuel Oliver</i>	8
FIREMAN	514-82-9170	<i>Madison...</i>	8
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
TRAINER			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR A.M. P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>FELIX LOYA</i>	8 140 MAT
DRSMAN		<i>MARIO MORENO</i>	8
MTRMAN		<i>JOSE A. MURADO</i>	8
FIREMAN		<i>FILIPON MORENO</i>	8
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
WELDER		<i>PENNIS WART</i>	8 30 RT

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

MUD RECORD

TIME	WT.	PR.	GR.	W.C.	PH.	S.
7:18						
STC						
EDS						
KK5120						
12						
12:13						
326						
9/4						
MUD & CHEMICALS ADDED						
TYPE	AMT.	TYPE	AMT.			
Hulls	10					

FOOTAGE

FROM	TO	DR. D. IN. R. CORE. C.	CODE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000*	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
870	1210	D		Red Bed	90	40	1200	6	60			
1210	1490	D		SAND	90	20	1200	6	60			
1490	1590	D		Red Bed + shale	90	45	1100	6	60			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7:00	7:15	1/4	7	SERV. RIG
7:05	8:45	1 1/2	2	DRIG W/ 1 1/2 Hr. Conn
8:45	9:00	1/4	23	DRL. Mousse Hole
9:00	3:00	6	2	DRIG.

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DRILLER *Loya*

DAY TOUR A.M. P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>FELIX LOYA</i>	8 140 MAT
DRSMAN		<i>MARIO MORENO</i>	8
MTRMAN		<i>JOSE A. MURADO</i>	8
FIREMAN		<i>FILIPON MORENO</i>	8
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
WELDER		<i>PENNIS WART</i>	8 30 RT

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

MUD RECORD

TIME	WT.	PR.	GR.	W.C.	PH.	S.
7:48	300			1000		
7:48	9.8			96		
STC	32			31		
EDS	RR					
5720	KK1024					
12						
12:13	13.3					
1716						
326	1716					
1590						
MUD & CHEMICALS ADDED						
TYPE	AMT.	TYPE	AMT.			
12	1/2	Col	15			

FOOTAGE

FROM	TO	DR. D. IN. R. CORE. C.	CODE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000*	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
1590	1716	D		sh. 2m	90	45	1200	6	60			
1716	1850	D		sh. 2m	80	40	1100	6	60			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1716								

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
3:00	6:13	3 1/4	2	Drlg 1/2 Conn Set # 1.2
6:13	8:45	2 3/4	6	Setdown TOH Chang Valve Pump Set Suse.
8:45	9:15	1/2		Wash Bottom Clean
9:15	11:00	1 3/4	2	Drlg 1/2 Conn

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 3:00 P.M. 11:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>John...</i>	8 30 RT
DRSMAN		<i>Walt...</i>	8
MTRMAN		<i>Hector...</i>	8
FIREMAN		<i>Deanis...</i>	8
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
TRAINER			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

30 Dale Co.  
CONTRACTOR'S TOOL PUSHER  
Ben Schlemmer  
PUMP MANUFACTURER  
National  
TYPE C-250  
STROKE LENGTH 15"

FIELD OR DIST.	COUNTY	STATE	WIRE LINE RECORD	REEL NO.
	Hamilton	Kansas		
LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS
	8 7/8	new	24 lbs	
			FEET	RUN TO ESC. NO.
			317	
			SEY AT	
			FT. CUT OFF	PRESENT LENGTH
			TON. M. OR TRIPS SINCE LAST CUT	
			CUMULATIVE TON. M. OR TRIPS	

DRILLING CREW PAYROLL DATA  
DATE 3-2-29  
WELL NAME & NO. Inge #1  
COMPANY Stratton Inc.  
TOOL PUSHER RIG NO. 11

RECORD

MUD RECORD

TIME	11:30	3:00	6:00
WEIGHT	9.1	9.0	8.9
PRESSURE GRADIENT			
VISC-SEC	30	36	32
PL/YP			
GELS			
WL-CC'S			
pH			
SOLIDS %			
LCM	0	0	0
MUD & CHEMICALS ADDED			
TYPE	AMT.	TYPE	AMT.
Med	27		
S. Ash	0		
Line	2		

MORNING TOUR 11:00 P.M. 7:00 A.M.

FOOTAGE

FROM	TO	DR. D. IN. R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO.	PUMP NO.	METHOD RUN
1850	2290			Sph-Lime	85	40	1000	6"	60	
2290	2340				85	40	800	6"	52	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
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TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
11:00	7:00	8	2	Propose 5' 70' Fuel 57" Daily w/ 1 1/4 hr Conn Reg. CK 1/4 - Jet #1 = 1/2 hr

DRILLER Lanningham

MORNING TOUR 11:00 P.M. 7:00 A.M.

CREW	SOC. SEC. NO.	NAME	MRS.
DRILLER		F.E. Lanningham	8 245 RT
DRYMAN		Steve Swinburner	8
MTRMAN		Manuel Olivas	8
FIREMAN		Emilio Sanchez	8
FLRMAN			
FLRMAN			
FLRMAN			
TRAINEE		Manuel Olivas got bit too, Left bit broke, putting D.P. in more holes	

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

RECORD

MUD RECORD

TIME	7:30	11:00	2:30
WEIGHT	9.3	9.4	9.5
PRESSURE GRADIENT			
VISC-SEC	32	33	37
PL/YP			
GELS			
WL-CC'S			
pH			
SOLIDS %			
LCM	0	3#	2#
MUD & CHEMICALS ADDED			
TYPE	AMT.	TYPE	AMT.
5.6L	40		
starch	30		
pres	1		
WALS	10		

DAY TOUR

FOOTAGE

FROM	TO	DR. D. IN. R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO.	PUMP NO.	METHOD RUN
2340	2736		D	SHALE-LIME	90	40	800	6"	52	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
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TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7:00	7:15	14	7	SERV. RIG
7:15	3:00	7:44	2	DRLG. w/ 1/4 hr. NET 9 3/4 hr. conn

DRILLER Lanningham

DAY TOUR

CREW	SOC. SEC. NO.	NAME	MRS.
DRILLER		Felix Loya	8 140 NO
DRYMAN		MARIO MORENO	8
MTRMAN		JOSE A. HERRERO	8
FIREMAN		FILEMON MORENO	8
FLRMAN			
FLRMAN			
FLRMAN			
TRAINEE			

NO/ACC

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

RECORD

MUD RECORD

TIME	3:00	8:00	10:00
WEIGHT	9.5	9.5	9.9
PRESSURE GRADIENT			
VISC-SEC	35	36	42
PL/YP			
GELS			
WL-CC'S			
pH			
SOLIDS %			
LCM	1	4#	4#
MUD & CHEMICALS ADDED			
TYPE	AMT.	TYPE	AMT.
Gel	40		
Hull	20		
STR	8		

EVENING TOUR

FOOTAGE

FROM	TO	DR. D. IN. R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	PUMP NO.	PUMP NO.	METHOD RUN
2736	3000			sh-Lm	90	40	800	6"	52	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
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TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
3:00	10:15	7:14	2	Drlg w 1/4 hr Conn 74 Jet
10:15	11:00	44	5	Circ for log

DRILLER Loya

EVENING TOUR 3:00 P.M. 11:00 P.M.

CREW	SOC. SEC. NO.	NAME	MRS.
DRILLER		John Farrand	8 500 RT
DRYMAN		Walt Standifer	8
MTRMAN		Hector Moreno	8
FIREMAN		Dennis Ward	8
FLRMAN			
FLRMAN			
FLRMAN			
TRAINEE			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

30° Dels Co  
CONTRACTOR'S TOOL PUSHER  
Schlumberger  
PUMP MANUFACTURER  
TYPE C-250  
STROKE LENGTH 15

FIELD OR DIST.	COUNTY	STATE	WIRE LINE RECORD	REEL NO.
	Hamilton	Kansas	NO. LINES	
SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET
			RKLS TO CSG. NO.	SET AT
LAST CASING TUBING OR LINER			FT. CUT OFF	PRESENT LENGTH
			TON MI. OR TRIPS SINCE LAST CUT	
			CUMULATIVE TON MI. OR TRIPS	

DRILLING CREW PAYROLL DATA  
DATE 3-3-89  
WELL NAME & NO. Stage #1  
COMPANY Strater Inc.  
TOOL PUSHER RIG NO. 11

MUD RECORD	
TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS	
WL -CC'S	
pH	
SOLIDS %	
MUD & CHEMICALS ADDED	
TYPE	AMT.
TYPE	AMT.

FOOTAGE		DR. D. R.M.-R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN	
FROM	TO												
3000'	T.O.			Logging Depth									
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3000				1/2°									
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO			Strap 3003.58									
11:00	11:45	3/4	5	Circ. to Log. 3002.97									
11:45	1:30	1 3/4	6	Survey of Path. Strap pipe. Cal Short									
1:30	2:15	3/4	21	DRAIN Kelly base - Rig up loggers.									
2:15	7:00	4 3/4	11	Logging									
changed oil, oil filters & fuel filters on pump mtr. Fuel = 46 PROPANOL													
Shad Co Time DRILLER Birmingham													

MORNING TOUR			
	11:00	P.M.	2:00
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		F. E. Birmingham	8
DRKMAN		Steve Eisenbauer	8 245 RT.
WTRMAN		Fredrick Sanchez	8
FIREMAN	447 84 3899	Guadalupe Barandeg	8
FLRMAN			
FLRMAN			
FLRMAN			
TRAINEE		NO ACC	
NO ACC			
RECEIVED OPERATIONAL COMMISSION 11 1989			
WAITING DIVISION			
NO. OF DAYS SINCE LAST LOST TIME ACCIDENT			

MUD RECORD	
TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS	
WL -CC'S	
pH	
SOLIDS %	
MUD & CHEMICALS ADDED	
TYPE	AMT.
TYPE	AMT.

FOOTAGE		DR. D. R.M.-R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN	
FROM	TO												
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO			Log									
7:00	9:45		11	T.P.H.									
9:45	11:30	1 3/4	6	C.I.R.C.									
11:30	12:45	1 1/4	5	LAY DOWN PIPE & D.C.									
12:45	2:45	2		RIG DOWN B.O.P.									
2:45	3:00	1/4											
Shad Co Time DRILLER Loya													

DAY TOUR			
		A.M.	
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		FELIX LOYA	8 140 ART
DRKMAN		MARIO MORENO	8
WTRMAN		ROSE A. HURADO	8
FIREMAN		ELEMAN MORENO	8
FLRMAN			
FLRMAN			
FLRMAN			
TRAINEE		NO/ACC	
NO/ACC			
NO. OF DAYS SINCE LAST LOST TIME ACCIDENT			

MUD RECORD	
TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS	
WL -CC'S	
pH	
SOLIDS %	
MUD & CHEMICALS ADDED	
TYPE	AMT.
TYPE	AMT.

FOOTAGE		DR. D. R.M.-R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN	
FROM	TO												
DEVIATION RECORD		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
FROM	TO			Rig Released @ 11:00 AM									
3:00	7:30			Rig up + Run CSG.									
7:30				Rig up to Cement + Cement									
				Nipple Down SET SLIPS									
A. O.													

EVENING TOUR			
	3:00	P.M.	11:00
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		John Ferrand	8 300 RT.
DRKMAN		Walt Standifer	8
WTRMAN		Hector Moreno	8
FIREMAN		Dennis Ward	8
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			
TRAINEE			
NO. OF DAYS SINCE LAST LOST TIME ACCIDENT			

913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas 15.075-26416-0000

ORIGINAL  
 Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 4682

Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	3.3.89	Sec.	19	Twp.	24	Range	41	Called Out	12:15 PM	On Location	4:20 PM	Job Start	8:15 AM	Finish	8:45 AM	
Lease	<i>Since</i>	Well No. #		Location				<i>Syracuse 45, 6W, 2N, 1/4NE</i>	City	<i>Hamilton</i>	State	<i>Kansas</i>				
Contractor	<i>H-30 Drilling</i>							Owner	<i>Same</i>							
Type Job	<i>2-Stage - Bottom</i>							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 listed.								
Hole Size	<i>7 7/8</i>	T.D.	<i>3000</i>													
Csg.	<i>4 1/2</i>	Depth	<i>2436' 3000</i>													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool	<i>Baker 2 stage tool</i>							Depth	<i>1609' 1628'</i>							
Cement Left in Csg.		Shoe Joint	<i>39.20</i>													
Press. Max.	<i>1000#</i>	Minimum	<i>150#</i>													
Meas Line	<i>No.</i>	Displace	<i>1.00</i>													
Perf.																

*New City* EQUIPMENT

No.	Cementor	<i>Ben</i>
Pumptrk <i>158</i>	Helper	
No.	Cementor	<i>A.D.</i>
Pumptrk	Helper	<i>Quane</i>
	Driver	<i>Don</i>
Bulktrk <i>69</i>	Driver	<i>Bud</i>
Bulktrk <i>199</i>		

DEPTH of Job

Reference:	<i>Pump, tag, charge</i>	<i>838.00</i>
	<i>Mileage</i>	<i>100.00</i>
	<i>Plus</i>	<i>31.00</i>
	Sub Total	
	Tax	
	Total	<i>969.00</i>

Remarks: *Float did hold*

CEMENT

Amount Ordered	<i>100 ax ASC 75 Lite</i>	
Consisting of	<i>WFRT 3/4 of 1% cemat</i>	
Common	<i>100 ASC</i>	<i>2.00 700.00</i>
Box-Mix	<i>75 Lite</i>	<i>4.00 300.00</i>
Gel.		
Chloride		
Quickset		
	<i>WFRT &amp; Cemat</i>	<i>N/C</i>
	Sales Tax	
Handling	<i>1.75</i>	<i>.90 157.50</i>
Mileage	<i>100</i>	<i>525.00</i>
	TOTAL \$	<i>7289.50</i> Sub Total
	LESS Disc	<i>-1457.90</i>
		<i>5831.60</i> Total
Floating Equipment		
	<i>Packer shoe</i>	<i>- 1124.00</i>
	<i>AFU Drupent</i>	<i>- 161.00</i>
	<i>12-cable scratchers</i>	<i>- 240.00</i>
	<i>Bucket</i>	<i>- 108.00</i>
	<i>Centralizers - used 5</i>	<i>- 205.00</i>
	<i>Baker DV 2 stage tool</i>	<i>- 2800.00</i>
		<i>\$ 4638.00</i>

RECEIVED  
 STATE CORPORATION COMMISSION  
 NOV - 1 1989  
 CONSERVATION DIVISION  
 Wichita, Kansas

Thank You  
 (1682.50 / 984) x 321 = 548.86  
 Council Grove CG

TELEPHONE: AREA CODE 476 883-2027

ALUMED CEMENTING COMPANY, INC. 15-075-20416-0000

P. O. BOX 31

RUSSELL, KANSAS 67865

ORIGINAL

TO: Strata Inc.
P. O. Box 3637
Edmond, Ok. 73083

INVOICE NO. 53572
TICKET NO.
LEASE NAME Inge #1
DATE March 3, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Table with 3 columns: Description, Amount, and Total. Items include ASC 100 sks, Lite wt 75 sks, Handling 175 sks, Mileage (100), Two stage bottom, Mi @ \$1.00 pmp. trk., 1 plug, 1 packer shoe, 1 AFU, 12 c. scratchers, 1 basket, 5 cent., Baker 2 stage tool, and Float held.

Handwritten notes: OK, C.G. 548.86, 74682

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

RECEIVED STATE CORPORATION COMMISSION

NOV - 1 1989

CONSERVATION DIVISION Wichita, Kansas