

SIDE ONE

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

API NO. 15- 185-22,775-0000
County Stafford

SW NW SW Sec. 36 Twp. 22 Rge. 12 X East West
1650 Ft. North from Southeast Corner of Section
4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name DENNIS Well # 1
Field Name WC (Pleasant Grove South Rev)

Producing Formation _____
Elevation: Ground 1824' KB 1829'
Total Depth 3675' PBTD _____

Operator: License # 6039
Name: L. D. Drilling., Inc.
Address RR 1 Box 183 B
Great Bend, Kansas 67530
City/State/Zip _____

Purchaser: _____
Operator Contact Persons: L. D. Davis
Phone (316) 793-3051

Contractor: Name: L. D. Drilling, Inc.
License: 6039

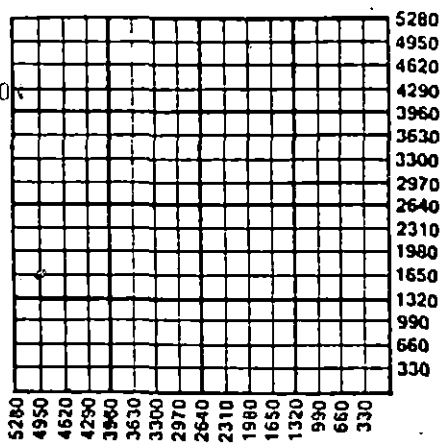
Wellsite Geologist: Kim Shoemaker

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
8-8-91 8-13-91
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 249' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 L. D. Davis L. D. Davis
Title President Date 8-14-91
Subscribed and sworn to before me this 14 day of August,
19 91.
Notary Public Bessie M. DeWerff
Date Commission Expires 5-20-93

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

NOTARY PUBLIC - State of Kansas
BESSIE M. DEWERFF
My Appt. Exp. 5-20-93

SIDE TWO

Operator Name L. D. Drilling, Inc. Lease Name Dennis Well # 1

Sec. 36 Twp. 22 Rge. 12 East West
 County Stafford

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 No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

DST #1 3593-3648
 TIMES: 20-20-20-20
 BLOW: 1st open: weak blow died in 10 min.
 2nd open: no blow
 REC: 10' Drilling Mud

IFFP: 50-50 FFP: 52-52
 ISIP: 72 FSIP: 56

Formation Description

Log Sample

Name	Top	Bottom
Anh	564'	- 583'
Heeb	3107'	(-1278)
B. LM	3247'	(-1418)
LKC	3271'	(-1442)
BKC	3517'	(-1688)
Ero Arb.	3591'	(-1762)
Arb.	3653'	(-1824)

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

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	12 1/4"	8-5/8"	28	249'	40-60 poz	165	2% gel, 3% cc

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Duality Completed Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC.

No 1921

Home Office P. O. Box 31

Russell, Kansas 67665

DRW

15.185.22775.0000

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
8-13-91	36	22	12	2:00 P.M.	3:30 P.M.		5:30 P.M.
Lease	Well No.	Location			County	State	
Dennis	#1	Hudson, 3E, 1/2S, E/side			Stafford	KS	

Contractor	L.D. Drlg.
Type Job	Rotary Plug
Hole Size	7 7/8"
Csg.	T.D. 3675'
Tbg. Size	Depth
Drill Pipe	4 1/2"
Tool	Depth 600'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner	Same
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.	
Charge To	L.D. Drilling
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>

EQUIPMENT

#	No.	Cementer	
Pumptrk	181		Tim Cary
		Helper	
#	No.	Cementer	
Pumptrk			
		Helper	
#	No.	Driver	
Bulktrk	101		Kent
Bulktrk		Driver	

CEMENT	
Amount Ordered	125 SKS 60/40 690 Gel,
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

DEPTH of Job

Reference:		
	Pumptrk Charge	
	Pumptrk Mileage	
1	8 3/8 Dryhole Plug	
	Sub Total	
	Tax	
	Total	

Handling	
Mileage	
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CONSERVATION DIVISION Wichita, Kansas	
Sub Total	
Total	

Remarks:

Mixed-50 skt at 600
 50 SKS AT 270
 10 SKS AT 40
 15 SKS in Rathole

Allied Cementing
 By Tim Dickson



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

15-185-22775-0000

ORIGINAL

BILLED ON TICKET NO. 185405

WELL DATA

FIELD _____ SEC. 36 TWP. 27 RNG. 12 COUNTY STAFFORD STATE TX

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		4.23	6 5/8	515	247	
LINER						
TUBING						
OPEN HOLE				247	50	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-8</u>	DATE <u>8-8</u>	DATE <u>8-8</u>	DATE <u>8-8</u>
TIME <u>12:00</u>	TIME <u>14:00</u>	TIME _____	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD	1	Hayco
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
4221 Huff	29240	25520
7551 GILES	4000	"
67184 Sweets	3046	"
	1061K	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API
 DISPL. FLUID _____ DENSITY _____ LB/GAL-API
 PROP. TYPE _____ SIZE _____ LB
 PROP. TYPE _____ SIZE _____ LB
 ACID TYPE _____ GAL _____ %
 ACID TYPE _____ GAL _____ %
 ACID TYPE _____ GAL _____ %
 SURFACTANT TYPE _____ GAL _____ IN
 NE AGENT TYPE _____ GAL _____ IN
 FLUID LOSS ADD. TYPE _____ GAL-LB _____ IN
 GELLING AGENT TYPE _____ GAL-LB _____ IN
 FRIC. RED. AGENT TYPE _____ GAL-LB _____ IN
 BREAKER TYPE _____ GAL-LB _____ IN
 BLOCKING AGENT TYPE _____ GAL-LB _____ IN
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT Cont
 DESCRIPTION OF JOB set 247' 8 5/8"
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Don Bep
 HALLIBURTON OPERATOR M. S. W. COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	165	702	40/100 B		27000/3700	126	14.15

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 15.1
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 3102
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM
 TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE
 FEET 10 REASON REQ

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CONSERVATION DIVISION Wichita, Kansas

CUSTOMER

CUSTOMER 10011111
LEASE
WELL NO.
JOB TYPE
DATE 8-8-91

HALLIBURTON SERVICES
JOB LOG

WELL NO. 1 LEASE DEONIS TICKET NO. 185405
 CUSTOMER L.A. DICKSON PAGE NO. 15-185-22775-0000
 JOB TYPE X2/KS DATE 8-8-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							called out
	1430							done
	1701							break pipe
	1707	6 1/2						start mixing cut
	1713	6 1/2	3702					finish mixing
	1714							close plug
	1715	5						start drill
	1718	5	52.3					plug down
	1719							close in
	1722							circulate 15 sks to pit
	1745							Job Complete
								Thank you
								JAMES
								SHAW
								SHAW

ORIGINAL

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CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER

**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

ORIGINAL
15-185-22775-0000

FORM 1908 R-7

ATTACH TO INVOICE & TICKET NO. 185405

DISTRICT GPBANKS

DATE 8-8-71

TO: **HALLIBURTON SERVICES** YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: L.D. DRIG TOL (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE DEWUIS SEC. 36 TWP. 22 RANGE 12
FIELD _____ COUNTY STATENS STATE K OWNED BY SABNE

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH _____ MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	4	26	8 7/8	13	249	
LINER						
TUBING						
OPEN HOLE				249	30	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Set 249' 6 7/8" 4/1655K 40/60 for 2760/3700

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, logation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
 - The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect, such as a tag, assembly, related and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in these Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - That because of the uncertainty of various well conditions and the necessity of relying on facts and subsurface data furnished by others, Halliburton is limited to guaranteeing the effectiveness of the products, supplies or materials, nor the results primary treatment or service, nor the accuracy of any chart, interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton'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 Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the gross negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract, except when such change or modification is made in writing by a duly authorized executive officer of Halliburton.

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I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Don Dapp CUSTOMER

Dennis

15-185-22775-0000

ORIGINAL

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE _____
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000	24		
1	27	3	
	30	3	
	34	+	
	37	3	
5	40 1/2	3 1/2	
	44	3 1/2	
	46 1/2	2 1/2	
	48 1/2	2	
	50	1 1/2	
3010	51	1	
	52	1	
	53 1/2	1 1/2	
	55	1 1/2	
	56	1	
15	57	1	
	58	1	
	59	1	CONN
	2:00	5	
	6	1	
3020	7 1/2	1 1/2	
	9	1 1/2	
	10	1	
	12	2	
	13	1	
25	14 1/2	1 1/2	
	16	1 1/2	
	17	1	
	18	1	
	19	1	
3030	20 1/2	1 1/2	
	21 1/2	1	
	23	1 1/2	
	24	1	
	24 1/2	1/2	
35	25	1/2	29 vis 9 wt 14 wt
	26	1	8000 ch 1 wt 115/PH
	27	1	
	28	1	
	29	1	
3040	30 1/2	1 1/2	
	32	1 1/2	
	35	3	
	38	3	
	41	3	
45	43	2	
	45	2	
	47	2	
	49	2	CONN
	52 1/2		
3050	58	1	

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DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	58		
51	58	2	
	02	2	
	6	4	
	9	3	
55	12	3	
	15	3	
	19	2	
	23	4	
	25	2	
3060	29	4	
	34	4	
	38	4	
	41	3	
	44	3	
65	47	3	
	50	3	
	52	2	
	55	3	
	58	3	
3070	1:00	2	
	3	3	
	6	3	
	9	3	
	13	4	
75	16	3	
	19	3	
	22	3	
	25	3	
	26	28	CONN
3080	32	4	
	35	3	
	38	3	
	42	4	
	45	3	
85	47	2	
	50	3	
	52	2	
	54	2	
	57	3	
3090	59	2	
	5:02	3	
	5:11	2	
	6	2	
	9	3	
95	11	2	
	14	15	
	16	2	
	19	3	
	21	2	
3100	23	2	

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE _____
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	23	3	
	26	3	
	29	3	
	32	3	
	35	3	
5	39	4	
	42	3	
	45	3	
	47	2	CONN
	5/33	2	
3110	54	1	
	55	1	
	56 1/2	1 1/2	
	6:00 1/2	4	
	4	4	
15	8	4	
	11	3	
	13	2	
	16	3	
	18	2	
3120	21	3	
	23	2	
	26	3	
	28	2	
	30	2	
25	33	3	
	36	3	
	38	2	
	42	4	
	45	3	
3130	47	2	
	48	1	
	50	2	
	52	2	
	54	2	
25	56	2	
	59	3	
	7:02	3	
	64	2	
	8/10	2	
3140	13	3	
	15	2	
	17	2	
	19	2	
	21	2	
45	24	3	
	27	3	
	29	2	
	30	1	
	32	2	
	34	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	34	3	
51	37	3	
	39	2	
	41	2	1115 213 407 9-3
	44	3	121 12 cc
55	47	2	
	49	2	
	52	3	
	54	2	
	57	3	
3160	59	2	
	8:01	2	
	3	2	
	5	2	
	7	2	
65	9	2	
	12	3	
	14	2	
	16	2	
	18	2	
3170	20	2	
	23/25	2	
	27	2	
	29	2	
	32	3	
25	34	2	
	36	2	
	38	2	
	40	2	
	42	2	
3180	44	2	
	46	2	
	48	2	
	50	2	
	52	2	
85	55	3	
	58	3	
	9:00	2	
	2	2	
	4	2	
3190	6	1	
	7	2	
	9	2	
	11	2	
	12	1	
95	14	2	
	16	2	
	18	2	
	19	1	
	20	1	
3200	22	2	

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200	22	1	
	26	2	
	28	1	
	30	1	
5	32	2	
	34	2	
	36	2	
	38	2	
	40	2	
3210	41	4	
	46	2	
	48	2	
	49	1	
	51	2	
15	53	2	
	55	2	
	57	2	
	59	2	
	10:00	1	
3220	2	2	
	4	2	
	6	2	
	8	2	
	10	2	
25	12	2	
	14	2	
	16	2	
	17	1	
	18	1	
3230	20	2	
	22	2	
	23	1	
	24	1	
	27/29	2	
35	30	1	
	32	2	
	33	1	
	35	2	
	37	2	
3240	38	1	
	40	2	
	41	1	
	43	2	
	45	2	
75	46 1/2	1 1/2	
	48	1 1/2	
	50	2	
	53 1/2	3 1/2	
	57	3 1/2	
3250	11:01	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3250	11:01	5	vis 42 wt 9" w/ 13 1/4 105 cm 100 ft
57	6	5	
	11	5	
	15 1/2	4 1/2	
	20	4 1/2	
55	24 1/2	4 1/2	
	27 1/2	3	
	30 1/2	3	
	33 1/2	3	
	37	3 1/2	
3260	40 1/2	3 1/2	
	43	2 1/2	
	46	3	
	49	3	
	51	2	CONN
65	10:04/7	3	
	9	2	
	11	2	
	13	2	
	14 1/2	1 1/2	
3270	16	1 1/2	
	18 1/2	2 1/2	
	21	2 1/2	
	24	3	
	27	3	
75	30	3	
	33	3	
	36 1/2	3 1/2	
	39 1/2	3	
	43	3 1/2	
3280	46 1/2	3 1/2	
	50	3 1/2	
	53 1/2	3 1/2	
	56 1/2	3	
	59 1/2	3	
85	1:03	3 1/2	
	6	3	
	10	4	
	13	3	
	17	4	
3290	20	3	
	24	4	
	27	3	
	30	3	
	34	4	
95	38	4	CONN
	43/46	3	
	50	4	
	54	4	
	58	4	
3300	2:02	4	

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE _____
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300	2:02		
1	5	3	
	9	4	
	12	3	
	15½	3½	
5	19	3½	
	23	4	
	27	4	
	32	5	
	36	4	
10	41	5	
	44½	3½	
	48	3½	
	51	3	
	52½	1½	
15	56	3½	
	59	3	
	3:02	3	
	6	4	
	9	3	
20	12½	3½	
	16	3½	
	20	4	
	24	4	
	29	5	
25	34	5	
	38½	4½	
	42½	4	CONN
	47½/50½	3	
	54½	4	
30	58	3½	
	4:02	4	
	6½	4½	
	10½	4	
	14	3½	
35	18	4	
	22	4	
	24½	2½	
	27½	3	
	31	3½	
40	34½	3½	
	38	3½	
	40	2	
	41½	1½	
	43½	2	
45	44½	1½	
	46	1½	
	49	3	
	52½	3½	
	56	3½	
50	59½	3½	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
50	59½	4	
	5:03½	4½	
	8	4½	
	12	4	
	15	3	
55	18½	3½	
	22	3½	
	26	4	
	30	4	CONN
	31/37½	3½	
60	40	2½	
	43	3	vis 48 wt 9" w. 11B p. 11.0.0.0
	45½	2½	
	49½	4	
	53½	4	
65	57½	4	
	6:01½	4	
	5½	4	
	9½	4	
	13½	4	
70	17½	4	
	20½	3	
	24	3½	
	27½	3½	
	31½	4	
75	34	3½	
	38	4	
	42	4	
	45	3	
	48½	3½	
80	52	3½	
	55	3	
	57½	2½	
	7:00	2½	
	3	3	
85	6	3	
	9	3	
	12	3	
	16	4	CONN
	18/31	3	
90	37	3	
	37	3	
	40	3	
	44	4	
	47	3	
95	50	3	
	54	4	
	58	4	
	6:00	4	
	6	4	
3:400	10	4	

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
5400	8:10		
1	12	2	Vis 52 WT. B. 9
	14	2	WL 11.3 5000 GAL
	16	2	11.0 PH
	18	2	
5	19	1	
	22	3	
	24	2	
	27	3	
	29	2	
10	32	3	
	35	3	
	38	3	
	40	2	
	43	3	
15	46	3	
	9-	2-	
	52-	3	
	55	2-	
	59/01	2	
20	3-	2-	
	6	2-	
	9	3	
	12	3	
	15	3	
25	8-	3-	
	21	2-	
	4-	3-	
	8	3-	
	32	4	
30	5-	3-	
	39	3-	
	44	5	
	47-	3-	
	50-	3	
35	2-	2-	
	5	2-	
	6-	1-	
	8	1-	
	10:00-	2-	
40	3-	3	
	6	2-	
	9	3	
	11	2	
	13	2	
45	15	2	
	17	2	
	18-	1-	
	21	2-	
	24	3	
50	27	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
50	31	2	
	35	3	
	39	3	
	41-	2-	
55	4	2-	
	7	3	
	50	2-	
	3	3	
	6-	3-	
60	1:00	3-	
	2-	2-	
	4-	2-	
	6-	2-	
	8	1-	47 VLS
65	10	2	2' + 11'
	11	1	115' well
	12	1	5,000 GAL
	14	2	
	15	1	
70	-	4-	
	15:1	2	
	22	3	CFS 30-60
	12:36/38	2	
	40-	2-	
75	43	2-	
	46	3	
	48-	2-	
	51	2-	
	54	3	
80	57	3	
	1:00	3	(cont)
	4/6-	2-	
	9-	3	
	13	3-	
85	16	3	
	19	3	
	22	3	
	25-	3-	
	29	3-	
90	32-	3-	
	36	3-	
	40	4	
	43-	3-	
	47	3-	
95	50	3	
	53	3	
	56	3	
	58-	2-	
	2:01-	3	
3500	5	3-	

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3500 1	2:05		
	7-	2-	18 Vis 9.2 WT
	10	2-	11.5 WL
	12-	2-	
	15-	3	
5	19	3-	
	22	3	
	24	2	
	27-	3-	
	30-	3	
10	33	2-	
	36	3	
	39	3	conn
	43/6	3	
	47	3	
15	53	4	
	57	4	
	3:01	4	
	04	3	
	8	4	
20	.11	3	
	14	3	
	18	4	
	21	3	
	24	3	
25	28	4	
	32	4	
	35	3	
	37	2	
	39	2	
30	41	2	
	42	2	
	44	2	
	46	2	
	50	4	
35	54	4	
	58	4	
	4:01	3	
	41	3	
	6	2	
40	8	2	
	12	4	
	16	4	
	20	4	
	24	4	conn
45	30/10	3	
	37	4	
	41	4	
	44	3	
	46	4	
	53	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3500 51	53/56	3	
	59	3	
	5:02	3	
	05	3	
55	8	3	
	11	3	
	14	3	
	18	4	
	21	3	
60	25	4	
	29	4	
	33	4	
	37	4	
	41	4	
65	45	4	
	49	4	
	53	4	
	57	4	
	6:01	3	WL 52. WT 9.4
70	5	4	10L 10 CC
	9	4	
	13	4	Short trip
	16	3	30 stands
	19	3	if you
75	22	3	short trip
	25/18	3	
	31	3	
	35	4	
	39	4	
80	43	4	
	46	3	
	49	3	
	53	4	
	56	3	
85	7:00	4	
	4	4	
	8	4	
	12	4	
	16	4	
90	20	4	
	24	4	
	27	3	
	30	3	
	33	3	
95	35	2	
	38	3	
	41	3	
	44	3	
	48	4	
3600	51	3	

