FORM MUST BE TYPED **ORIGINAL** SIDE ONE **CONFIDENTIAL**

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

Operator: License # 3581

Name: Red Oak Energy, Inc.

Address 200 W. Douglas, Suite 510

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Kevin C. Davis

Phone (316) 265-9925

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: _____ RELEASED

Designate Type of completion
X New Well __ Re-Entry __ Workover JAN 29 1999

__ Oil __ SWD __ SIOW __ Temp. Abd.
__ Gas __ ENHR __ SIGW FROM CONFIDENTIAL
X Dry __ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____ RECEIVED KANSAS CORPORATION COMMISSION

Well Name: _____

Comp. Date _____ Old Total Depth _____ DEC 16 1997

__ Deepening __ Re-perf. __ Conv. to Inj/SWD 12-16-97
__ Plug Back _____ PBTD CONSERVATION DIVISION
__ Commingled Docket No. _____ WICHITA, KS
__ Dual Completion Docket No. _____
__ Other (SWD or Inj?) Docket No. _____

10-23-97 Spud Date | 11-05-97 Date Reached TD | 11-06-97 Completion Date

API NO. 15- 199-202560000

County Wallace

E

__-__-__-__ Sec. 8 Twp. 15S Rge. 41 X W

330 Feet from (S) N (circle one) Line of Section

2336 Feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)

Lease Name Okeson Well # 1-8

Field Name _____

Producing Formation _____

Elevation: Ground 3815 KB _____

Total Depth 5250' PBTD _____

Amount of Surface Pipe Set and Cemented at 390 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.

Drilling Fluid Management Plan P+A, 9-24-98 KR.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume ____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: KCC

Operator Name _____ DEC 1 2

Lease Name _____ License No. _____ CONFIDENTIAL

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 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.

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 Kevin C. Davis

Title Pres. Date 12-16-97

Subscribed and sworn to before me this 16th day of December 1997.

Notary Public Victoria Davis

Date Commission Expires October 21, 2001

VICTORIA DAVIS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10/21/2001

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC __ SWD/Rep __ NGPA
__ KGS __ Plug __ Other
(Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator name Red Oak Energy, Inc. Lease Name Okeson Well # 1-8

Sec. 8 Twp. 15S Rge. 41 ☐ East ■ West County Wallace

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 (Attach Additional Sheets.)	☐ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☐ No
Cores Taken	☐ Yes	☐ No
Electric Log Run (Submit Copy.)	☒ Yes	☐ No

List All E.Logs Run:
Dual Induction Log,
Comp. Density Neutron Log.

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
B-Anhydrite	2815	
Lansing	4256	
Cherokee	4774	
Morrow shale	5010	
U Morrow sand	5030	
Miss		
RTD		

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	12¼"	8⅝"		390'	60/40 Poz, 3% CC, 2& gel	275	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _Perforate _Protect Csg _Plug Back TD _Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type 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, Resumed Production, SWD or Inj. D&A	Producing Method _Flowing _Pumping _Gas Lift _Other		
Estimated Production Per 24 Hours	Oil Bbls N-A	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____ _____

ALLIED CEMENTING CO., INC. 8569

Federal Tax I.D.# 15-199-20256-00-00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Oakley

DATE 11-6-97	SEC. 8	TWP. 15s	RANGE 41w	CALLED OUT	ON LOCATION 4:30AM	JOB START 6:30AM	JOB FINISH 10:15AM
LEASE Okeson	WELL # 1-8	LOCATION Sharon Springs 8w 8s				COUNTY Wallace	STATE KS
OLD OR (NEW) (Circle one)							

RELEASED

JAN 29 1998

FROM CONFIDENTIAL

CONTRACTOR Murfin Drlg Rig 14
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 5250'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH 2800'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

CONFIDENTIAL

OWNER Same

CEMENT

AMOUNT ORDERED 200 sks 60/40 6% Gel 1/4# Flo Seal

EQUIPMENT

PUMP TRUCK # 191 CEMENTER Dean
HELPER Jeff
BULK TRUCK # 212 DRIVER Rick
BULK TRUCK # DRIVER

DEC 12

COMMON	120 sks	@ 7.55	906.00
POZMIX	80 sks	@ 3.75	260.00
GEL	10 sks	@ 9.50	95.00
CHLORIDE		@	
Flo-Seal	50#	@ 1.15	57.50
		@	
		@	
		@	
		@	
HANDLING	200 sks	@ 1.05	210.00
MILEAGE	4¢ per sk/mile		584.00

KANSAS CORPORATION COMMISSION

DEC 16 1997

CONSERVATION DIVISION
WICHITA, KS

TOTAL 2,112.50

REMARKS: CONFIDENTIAL

1st Plug @ 2800' 25 sks
2nd Plug @ 1750' 100 sks
3rd Plug @ 420' 40 sks
4th Plug @ 40' 10 sks w/Plug
15 sks in Rat Hole
10 sks in Mouse Hole
Thank you

SERVICE

DEPTH OF JOB 2800'
PUMP TRUCK CHARGE 580.00
EXTRA FOOTAGE @
MILEAGE 93 miles @ 2.85 265.05
PLUG Dry @ 23.00
@
@

TOTAL 811.05

CHARGE TO: Red Oak Energy
STREET 200 W. Douglas # 510
CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

@
@
@
@
@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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.

SIGNATURE

James Renner
PRINTED NAME

ALLIED CEMENTING CO., INC. 9883

RECEIVED
KANSAS CORPORATION COMMISSION
Federal Tax I.D.# :D 15-199-20256-00-00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

DEC 16 1997

JAN 29 1998

SERVICE POINT: OAKLEY

				C.T.	C.T.	C.T.	
DATE 10-23-97	SEC. 8	TWP. 15S	RANGE 41W	CALLED OUT 8:45 PM	ON LOCATION	JOB START 9:45 PM	JOB FINISH 10:15 PM
LEASE OBESON	WELL # 1-8	LOCATION SHARON SPRINGS 8W-9S-E into				COUNTY WALLACE	STATE KS
OLD OR NEW (Circle one)							

CONSERVATION DIVISION WICHITA, KS

FROM CON

ORIGINAL

CONTRACTOR MURFIN DRLG RIG # 14
TYPE OF JOB SURFACE
HOLE SIZE 12¼" T.D. 395'
CASING SIZE 8⅝" DEPTH 395'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 450 PSI MINIMUM 200 PSI
MEAS. LINE SHOE JOINT 45'
CEMENT LEFT IN CSG. 45'
PERFS.
DISPLACEMENT 22¼ BBL

OWNER SAME

EQUIPMENT

PUMP TRUCK CEMENTER TERRY
300 HELPER WAYNE
BULK TRUCK
260 DRIVER DE WAYNE
BULK TRUCK
DRIVER

CEMENT

AMOUNT ORDERED 275 SKS 60/40 POZ 3% CC 2% GEL ¼# Flo-SEAL

COMMON	165 SKS	@ 7.55	1,245.75
POZMIX	110 SKS	@ 3.25	357.50
GEL	5 SKS	@ 9.50	47.50
CHLORIDE	9 SKS	@ 28.00	252.00
Flo-Seal	69 #	@ 1.15	79.35
		@	
		@	
		@	
		@	
HANDLING	275 SKS	@ 1.05	288.75
MILEAGE	44 per SK/mile		803.00
		TOTAL	3,073.85

REMARKS:

LANDED PLUG AT 450 PSI

CEMENT DID CIRC

THANK YOU

SERVICE

DEPTH OF JOB	395'		
PUMP TRUCK CHARGE			470.00
EXTRA FOOTAGE	95'	@ .43¢	40.85
MILEAGE	73 miles	@ 2.85	208.05
PLUG	8⅝ SURFACE	@	45.00
		@	
		@	
		TOTAL	763.90

CHARGE TO: RED OAK ENERGY
STREET 200 W. Douglas #510
CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

8⅝

1-BAFFLE PLATE		@	135.00
1-CENTRALIZER		@	61.00
		@	
		@	
		@	
		TOTAL	196.00

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.

TAX
TOTAL CHARGE
DISCOUNT IF PAID IN 30 DAYS

SIGNATURE James Renner

JAMES RENNER
PRINTED NAME

15-199-20256-00-00

CONFIDENTIAL

ORIGINAL

WELL NAME: Okeson # 1-18
COMPANY: Petex Inc / Red Oak
LOCATION: 8-15S-41W
Wallace County Kansas
DATE: 11/07/97

RELEASED
JAN 29 1999
FROM CONFIDENTIAL

DEC 12
CONFIDENTIAL

15-199-20256-00-00

TRILOBITE TESTING L.L.C.

DATE 11-5-97

ERATOR : Petex Inc.
LL NAME: Okeson #1-18
CATION : 8-15S-41W Wallace KS.
TERVAL : 4980.00 To 5165.00 ft

KB 3825.00 ft
GR 3815.00 ft
TD 5250.00 ft

TICKET NO: 10483 DST #1
FORMATION: Morrow
TEST TYPE: CONV STRADDLE

CORDER DATA

Mins		Field	1	2	3	4
F 30	Rec.	13276	13276	2342		13339
I 60	Range(Psi)	4000.0	4000.0	4995.0	0.0	4025.0
F 30	Clock(hrs)	12 hr	12 hr	Elec		12 hr
S 90	Depth(ft)	5160.0	5160.0	4983.0	0.0	5245.0

TIME DATA----------
PF Fr. 1650 to 1720 hr
IS Fr. 1720 to 1820 hr
SF Fr. 1820 to 1850 hr
FS Fr. 1850 to 2020 hr

	Field	1	2	3	4
. Init Hydro	2443.0	2470.0	2390.0	0.0	2523.0
. First Flow	150.0	188.0	79.0	0.0	0.0
1. Final Flow	426.0	460.0	294.0	0.0	0.0
. In Shut-in	1080.0	1102.0	1031.0	0.0	0.0
. Init Flow	494.0	530.0	419.0	0.0	0.0
. Final Flow	622.0	560.0	582.0	0.0	0.0
. Fl Shut-in	1080.0	1112.0	1030.0	0.0	0.0
. Final Hydro	2414.0	2440.0	2345.0	0.0	2503.0
Inside/Outside	O	O	I		S

T STARTED 1431 hr
T ON BOTM 1648 hr
T OPEN 1650 hr
T PULLED 2020 hr
T OUT 2400 hr

TOOL DATA----------

Tool Wt.	25000.00 lbs
Wt Set On Packer	35000.00 lbs
Wt Pulled Loose	120000.00 lbs
Initial Str Wt	92000.00 lbs
Unseated Str Wt	96000.00 lbs
Bot Choke	0.75 in
Hole Size	8.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	485.00 ft
D.P. Length	4488.00 ft

RECOVERY
Tot Fluid 1235.00 ft of 485.00 ft in DC and 750.00 ft in DP

30.00	ft of Clean Gassy Oil
0.00	ft of 70%gas 30%oil
180.00	ft of Gassy Slightly Oil Cut Mud
0.00	ft of 45%gas 5%oil 50%mud
90.00	ft of Gassy Water Cut Mud
0.00	ft of 55%gas 10%water 35%mud trace oil
935.00	ft of Water
0.00	ft of RW .20 @ 60 deg =

SALINITY 42000.00 P.P.M. A.P.I. Gravity 37.00

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	57.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	142.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Rod Steinbrink
Co. Rep.	
Contr.	Murfin
Rig #	14
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow:
Fair to srong blow off bottom in 4 minutes.

Initial Shut In:
Bled off blow, surface return off bottom in 13 minutes

Final Flow:
Fair to strong blow off bottom in 4 minutes

Final Shut In:

SAMPLES:
SENT TO:

Test Successful: Y

15-199-20256-00-00

*** TOOL DIAGRAM *** CONV STRADDLE

WELL NAME: Okeson #1-18

LOCATION : 8-15S-41W Wallace KS.

TICKET No. 10483 D.S.T. No. 1 DATE 11-5-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL 39

BOTTOM PACKERS AND ANCHOR 23

TOTAL TOOL 89

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands1 Single 2 Total 146

D.P. ANCHOR STND.Stands . Single 2 Total 62

TOTAL ASSEMBLY 297

D.C. ABOVE TOOLS.Stands5 Single 1 Total 485

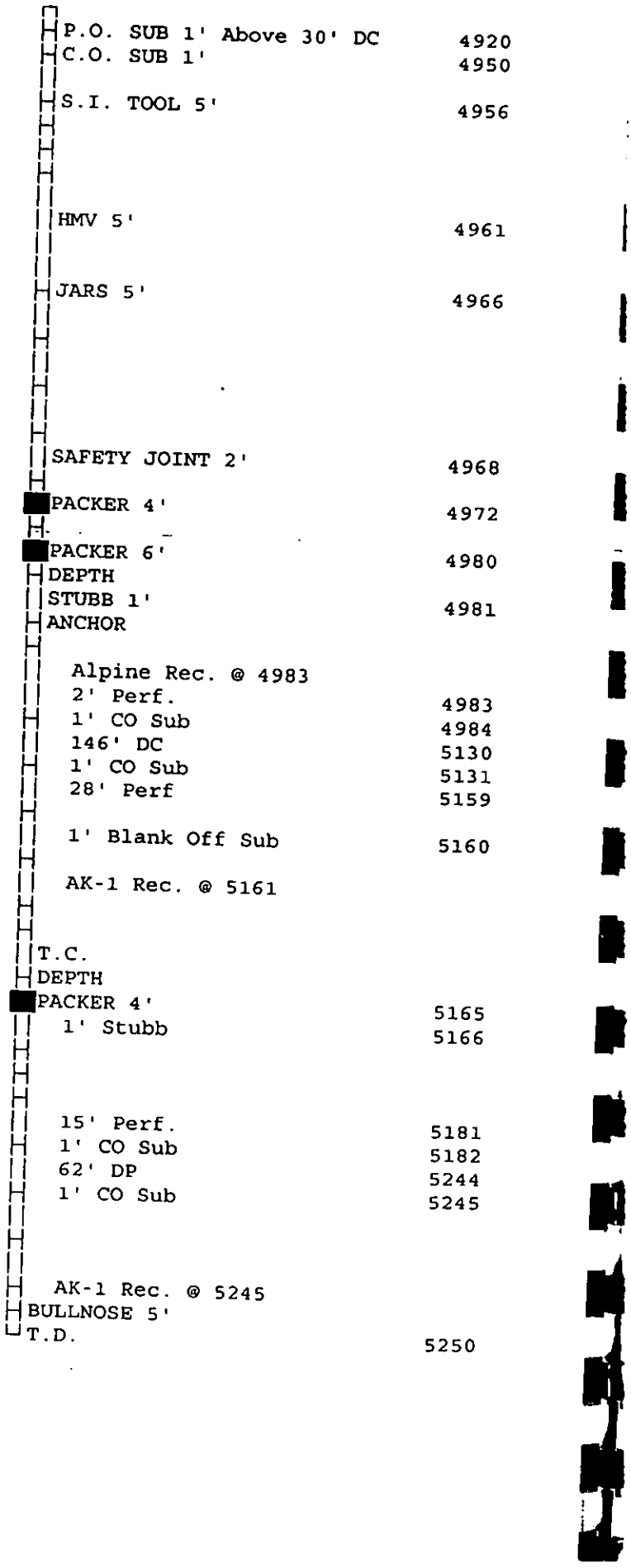
D.P. ABOVE TOOLS.Stands47 Single 2 Total 4488

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5267

TOTAL DEPTH 5250

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:



15-199-20256-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10483 DST #1 Okeson #1-8 Petex Inc.

DATE: 11/05/97 TIME: 14:32:02

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	128.00	2389.8	0.0	113.80		
****** Start Flow 1	0.00	78.8	0.0	114.45		
	1.00	115.4	36.6	114.92		
	2.00	143.7	64.9	115.28		
	3.00	170.8	92.0	115.64		
	4.00	193.8	115.0	116.04		
	5.00	219.3	140.5	116.49		
	6.00	236.8	158.0	116.96		
	7.00	246.2	167.4	117.45		
	8.00	252.9	174.1	117.95		
	9.00	258.7	179.9	118.44		
	10.00	266.3	187.5	118.95		
	11.00	273.8	195.0	119.49		
	12.00	279.6	200.8	120.04		
	13.00	286.6	207.8	120.63		
****** End Flow 1	14.00	293.6	214.8	121.24		
****** Start Shutin 1	0.00	293.6	0.0	121.24	0.0000	0.086
	1.00	299.9	6.3	121.88	15.0000	0.090
	2.00	305.8	12.3	122.52	8.0000	0.094
	3.00	310.9	17.4	123.18	5.6667	0.097
	4.00	316.5	22.9	123.85	4.5000	0.100
	5.00	322.1	28.5	124.52	3.8000	0.104
	6.00	328.5	34.9	125.18	3.3333	0.108
	7.00	334.3	40.7	125.84	3.0000	0.112
	8.00	340.7	47.1	126.50	2.7500	0.116
	9.00	346.7	53.1	127.13	2.5556	0.120
	10.00	353.1	59.5	127.76	2.4000	0.125
	11.00	358.9	65.3	128.38	2.2727	0.129
	12.00	365.2	71.7	128.97	2.1667	0.133
	13.00	371.2	77.6	129.54	2.0769	0.138
	14.00	377.6	84.0	130.11	2.0000	0.143
	15.00	383.4	89.8	130.65	1.9333	0.147
	16.00	389.3	95.8	131.18	1.8750	0.152
	17.00	395.5	101.9	131.69	1.8235	0.156
	18.00	401.4	107.8	132.17	1.7778	0.161
	19.00	784.4	490.8	132.66	1.7368	0.615
	20.00	906.5	612.9	133.13	1.7000	0.822
	21.00	940.4	646.8	133.59	1.6667	0.884
	22.00	957.9	664.4	134.03	1.6364	0.918
	23.00	969.4	675.8	134.43	1.6087	0.940
	24.00	977.7	684.1	134.82	1.5833	0.956
	25.00	984.0	690.4	135.18	1.5600	0.968
	26.00	989.0	695.4	135.50	1.5385	0.978
	27.00	993.1	699.5	135.79	1.5185	0.986
	28.00	996.6	703.0	136.05	1.5000	0.993
	29.00	999.5	705.9	136.28	1.4828	0.999
	30.00	1002.1	708.5	136.50	1.4667	1.004
	31.00	1004.3	710.7	136.66	1.4516	1.009
	32.00	1006.3	712.7	136.82	1.4375	1.013
	33.00	1008.1	714.6	136.96	1.4242	1.016
	34.00	1009.6	716.1	137.08	1.4118	1.019

15-199-20256-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10483 DST #1 Okeson #1-8 Petex Inc.

DATE: 11/05/97 TIME: 14:32:02

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.00	470.7	51.7	137.28		
	10.00	475.7	56.7	137.31		
	11.00	480.6	61.7	137.37		
	12.00	485.6	66.6	137.44		
	13.00	490.9	71.9	137.52		
	14.00	495.5	76.5	137.62		
	15.00	500.5	81.5	137.73		
	16.00	505.5	86.5	137.85		
	17.00	510.1	91.1	137.98		
	18.00	515.5	96.5	138.12		
	19.00	520.0	101.0	138.27		
	20.00	525.0	106.0	138.41		
	21.00	530.0	111.0	138.57		
	22.00	534.5	115.6	138.73		
	23.00	539.1	120.2	138.88		
	24.00	543.3	124.3	139.05		
	25.00	548.3	129.3	139.21		
	26.00	553.4	134.5	139.37		
	27.00	557.2	138.2	139.53		
	28.00	561.1	142.2	139.69		
	29.00	566.0	147.0	139.85		
	30.00	569.9	150.9	140.00		
	31.00	573.8	154.8	140.15		
	32.00	577.5	158.5	140.30		
****** End Flow 2	33.00	582.1	163.2	140.44		
****** Start Shutin 2	0.00	582.1	0.0	140.44	0.0000	0.339
	1.00	599.7	17.5	140.58	48.0000	0.360
	2.00	904.4	322.3	140.72	24.5000	0.818
	3.00	949.6	367.4	140.87	16.6667	0.902
	4.00	966.7	384.6	141.02	12.7500	0.934
	5.00	976.5	394.4	141.15	10.4000	0.954
	6.00	983.3	401.2	141.27	8.8333	0.967
	7.00	988.2	406.0	141.40	7.7143	0.976
	8.00	992.1	410.0	141.50	6.8750	0.984
	9.00	995.3	413.2	141.60	6.2222	0.991
	10.00	997.8	415.7	141.69	5.7000	0.996
	11.00	1000.2	418.0	141.76	5.2727	1.000
	12.00	1002.1	420.0	141.83	4.9167	1.004
	13.00	1003.8	421.7	141.89	4.6154	1.008
	14.00	1005.4	423.2	141.92	4.3571	1.011
	15.00	1006.7	424.6	141.96	4.1333	1.013
	16.00	1008.0	425.8	142.00	3.9375	1.016
	17.00	1009.1	426.9	142.02	3.7647	1.018
	18.00	1010.1	428.0	142.04	3.6111	1.020
	19.00	1011.1	429.0	142.04	3.4737	1.022
	20.00	1011.9	429.8	142.04	3.3500	1.024
	21.00	1012.8	430.7	142.05	3.2381	1.026
	22.00	1013.5	431.4	142.05	3.1364	1.027
	23.00	1014.2	432.1	142.04	3.0435	1.029
	24.00	1014.8	432.7	142.04	2.9583	1.030
	25.00	1015.4	433.3	142.01	2.8800	1.031

15-199-20256-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 10483 DST #1 Okeson #1-8 Petex Inc.
DATE: 11/05/97 TIME: 14:32:02

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
26.00	1016.0	433.9	142.01	2.8077	1.032
27.00	1016.6	434.5	141.98	2.7407	1.033
28.00	1017.1	435.0	141.97	2.6786	1.035
29.00	1017.6	435.5	141.94	2.6207	1.036
30.00	1018.1	436.0	141.92	2.5667	1.037
31.00	1018.5	436.4	141.90	2.5161	1.037
32.00	1019.0	436.9	141.88	2.4688	1.038
33.00	1019.4	437.3	141.86	2.4242	1.039
34.00	1020.0	437.9	141.83	2.3824	1.040
35.00	1020.3	438.2	141.80	2.3429	1.041
36.00	1020.7	438.6	141.77	2.3056	1.042
37.00	1021.0	438.9	141.74	2.2703	1.042
38.00	1021.2	439.1	141.71	2.2368	1.043
39.00	1021.6	439.4	141.68	2.2051	1.044
40.00	1021.8	439.7	141.65	2.1750	1.044
41.00	1022.2	440.1	141.61	2.1463	1.045
42.00	1022.5	440.4	141.60	2.1190	1.045
43.00	1022.7	440.6	141.56	2.0930	1.046
44.00	1023.0	440.9	141.53	2.0682	1.047
45.00	1023.2	441.1	141.50	2.0444	1.047
46.00	1023.5	441.4	141.47	2.0217	1.048
47.00	1023.7	441.6	141.44	2.0000	1.048
48.00	1024.0	441.9	141.41	1.9792	1.049
49.00	1024.2	442.0	141.39	1.9592	1.049
50.00	1024.5	442.4	141.36	1.9400	1.050
51.00	1024.7	442.6	141.32	1.9216	1.050
52.00	1024.9	442.8	141.31	1.9038	1.050
53.00	1025.1	443.0	141.28	1.8868	1.051
54.00	1025.3	443.1	141.25	1.8704	1.051
55.00	1025.5	443.4	141.23	1.8545	1.052
56.00	1025.7	443.6	141.21	1.8393	1.052
57.00	1025.8	443.7	141.19	1.8246	1.052
58.00	1026.1	444.0	141.15	1.8103	1.053
59.00	1026.2	444.1	141.14	1.7966	1.053
60.00	1026.5	444.4	141.11	1.7833	1.054
61.00	1026.7	444.6	141.09	1.7705	1.054
62.00	1026.8	444.6	141.07	1.7581	1.054
63.00	1026.9	444.8	141.05	1.7460	1.055
64.00	1027.2	445.1	141.03	1.7344	1.055
65.00	1027.3	445.2	141.01	1.7231	1.055
66.00	1027.4	445.2	140.98	1.7121	1.055
67.00	1027.5	445.4	140.97	1.7015	1.056
68.00	1027.7	445.6	140.94	1.6912	1.056
69.00	1027.9	445.7	140.92	1.6812	1.056
70.00	1027.9	445.8	140.90	1.6714	1.057
71.00	1028.0	445.9	140.88	1.6620	1.057
72.00	1028.2	446.1	140.86	1.6528	1.057
73.00	1028.3	446.2	140.84	1.6438	1.057
74.00	1028.5	446.4	140.83	1.6351	1.058
75.00	1028.6	446.5	140.80	1.6267	1.058
76.00	1028.8	446.7	140.77	1.6184	1.058

15-199-20256-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10483 DST #1 Okeson #1-8 Petex Inc.

DATE: 11/05/97 TIME: 14:32:02

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	77.00	1028.8	446.7	140.76	1.6104	1.058
	78.00	1028.9	446.8	140.74	1.6026	1.059
	79.00	1029.0	446.9	140.71	1.5949	1.059
	80.00	1029.2	447.1	140.69	1.5875	1.059
	81.00	1029.4	447.3	140.67	1.5802	1.060
	82.00	1029.4	447.3	140.65	1.5732	1.060
	83.00	1029.5	447.4	140.64	1.5663	1.060
	84.00	1029.6	447.5	140.62	1.5595	1.060
	85.00	1029.7	447.6	140.60	1.5529	1.060
	86.00	1029.9	447.8	140.58	1.5465	1.061
	87.00	1030.0	447.8	140.57	1.5402	1.061
	88.00	1030.0	447.9	140.55	1.5341	1.061
	89.00	1030.2	448.1	140.53	1.5281	1.061
****** End Shut-in 2	90.00	1030.3	448.2	140.52	1.5222	1.061
****** Final Hydro.	345.00	2345.4	0.0	140.44		

TEST HISTORY

10483 DST #1 Okeson #1-8 Petex Inc.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2389.84
B:	0.00	78.80
C:	14.00	293.57
D:	76.00	1031.30
E:	0.00	418.96
F:	33.00	582.11
G:	90.00	1030.29
Q:	0.00	2345.44

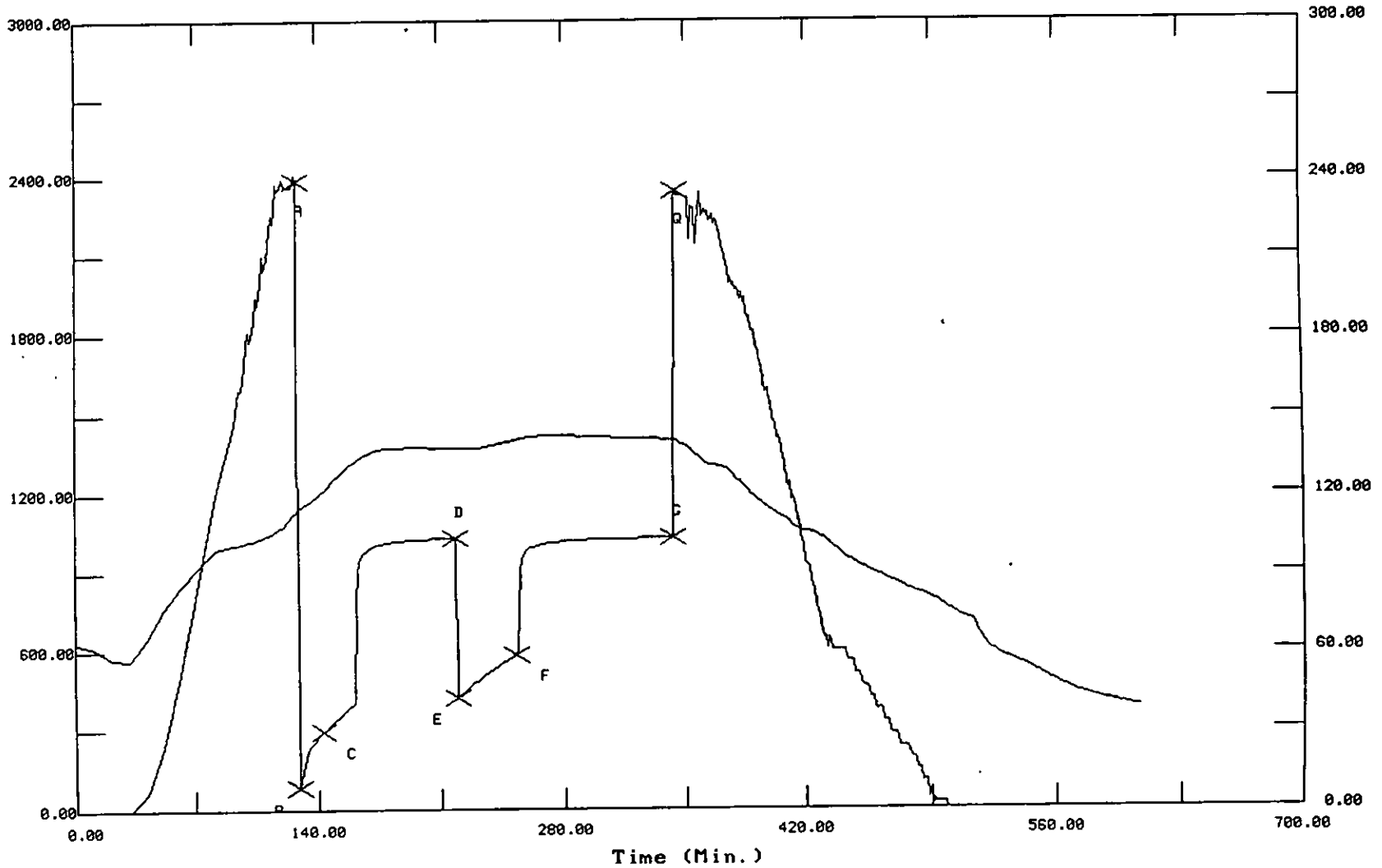


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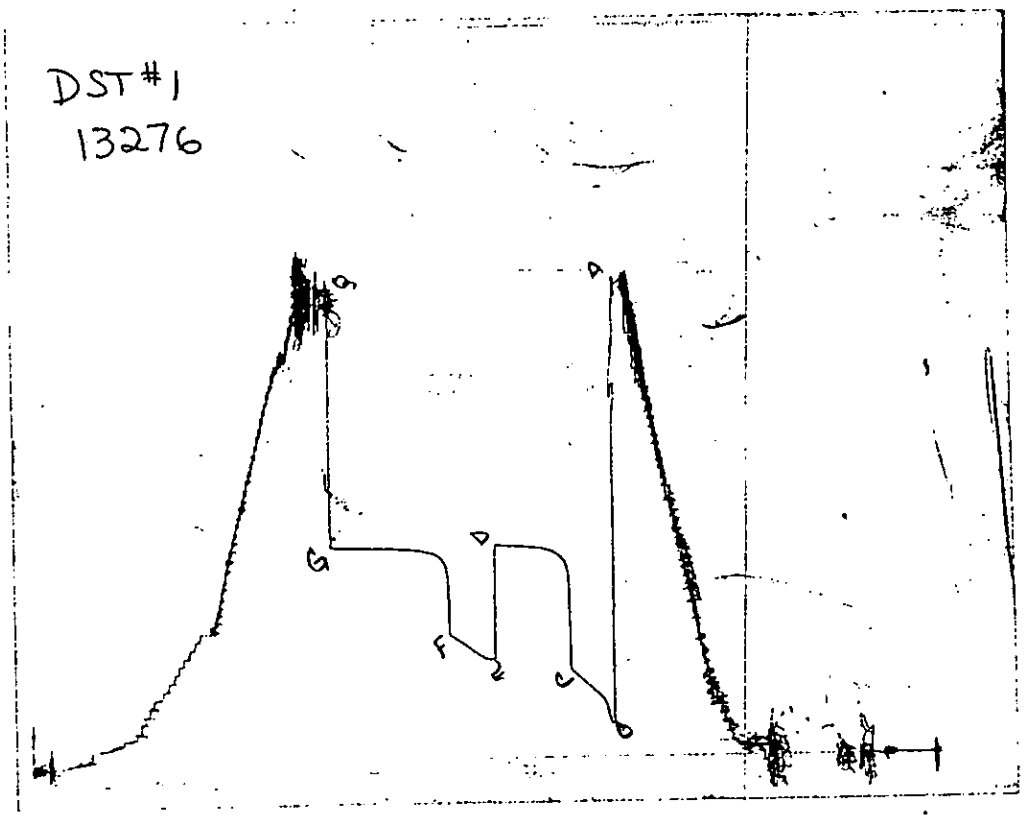
CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

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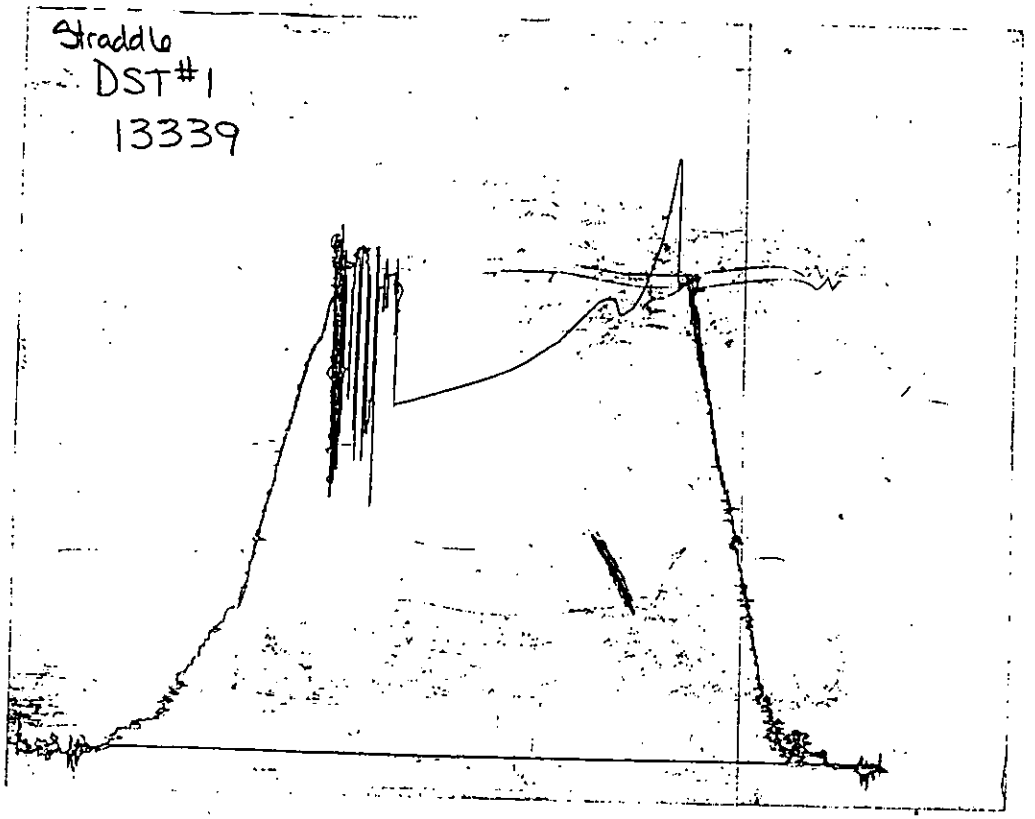
CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

15-199-20256-00-00

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 15-199-20256-00-00

Test Ticket

№ 10483

Well Name & No. Okeson #1-B Test No. 1 Date 11-5-97

Company Zone Tested Morrow

Address Elevation 3825 KB 3815 GL

Co. Rep / Geo. Cont. Murfin #14 Est. Ft. of Pay Por. %

Location: Sec. 8 Twp. 15S Rge. 41W Co. Wallace State KS

No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4980 - 5165 Initial Str Wt./Lbs. 92,000 Unseated Str Wt./Lbs. 96,000

Anchor Length 185' Wt. Set Lbs. 35,000 Wt. Pulled Loose/Lbs. 120,000

Top Packer Depth 4972 - 4980 Tool Weight 20,000

Bottom Packer Depth 5165 Hole Size — 7 7/8" Rubber Size — 6 3/4" [illegible]' (R

Total Depth (RTD) 5250 Wt. Pipe Run — Drill Collar Run H-90 485' (S

Mud Wt. 9.2 LCM 1# Vis. 57 WL 8.4 Drill Pipe Size 4½" XH Ft. Run 4488' (4

Blow Description IF: Fair to strong blow off bttm in 4 mins.

ISI: Bled off blow - surface return off bttm in 13 mins.

FF: Fair to strong blow off bttm in 4 mins.

FSI: Bled off blow - surface return off bttm in 30 mins.

Recovery — Total Feet 1235' GIP — Ft. in DC 485' Ft. in DP 750'

Rec. 30'	Feet Of GCO	70 %gas	30 %oil	— %water	— %mud
Rec. 180'	Feet Of GOCM	45 %gas	5 %oil	— %water	50 %mud
Rec. 90'	Feet Of GWCM	55 %gas	trc. %oil	10 %water	35 %mud
Rec. 935'	Feet Of Water	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 142° °F Gravity 38 °API D@ 50° °F Corrected Gravity 37 °API

RW .20 @ 60° °F Chlorides 42,000 ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud	2443	2389	PSI	Recorder No.	2342	T-Started	1431 (CDT)
(B) First Initial Flow Pressure	150	78	PSI	(depth)	4983	T-Open	1650
(C) First Final Flow Pressure	426	293	PSI	Recorder No.	13276	T-Pulled	2020
(D) Initial Shut-in Pressure	1080	1031	PSI	(depth)	5160	T-Out	2400
(E) Second Initial Flow Pressure	494	418	PSI	Recorder No.	13339		
(F) Second Final Flow Pressure	622	582	PSI	(depth)	5245		
(G) Final Shut-in Pressure	1080	1030	PSI	Initial Opening	30	Test	
(H) Final Hydrostatic Mud	2414	2345	PSI	Initial Shut-in	60	Jars	X
	Mech. AK-1	Elec. Alp.		Final Flow	30	Safety Joint	X
				Final Shut-in	90	Straddle	X
						Circ. Sub	X N/C
						Sampler	
						Extra Packer	X
						Elect. Rec.	X
						Other	1 Shale Pkr. X
						TOTAL PRICE $	

Approved By

Our Representative Rod Steinbrink