

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

API NO. 15- 193-20642 ⁰⁰⁻⁰⁰
County Thomas
00' S-SE-NW - NW Sec. 23 Twp. 8 Rge. 33 XX^EW

ORIGINAL

Operator: License # 6484

Name: Anderson Energy, Inc.

Address 200 E. First, Suite #414

City/State/Zip Wichita, KS 67202

Purchaser: N.C.R.A.

Operator Contact Person: William L. Anderson

Phone (316) 265-7929

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: Jerry Jesperson

Designate Type of Completion
XX New Well Re-Entry Workover

XX Oil SWD SIOW Temp. Abd.
Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: 7-31-97 RELEASED

Well Name: JUL 31 1997

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBTD
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

12-04-95 12-14-95 1-10-96
Spud Date Date Reached TD Completion Date

1090 Feet from S^N (circle one) Line of Section
990 Feet from E^W (circle one) Line of Section

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

Lease Name Vacin Farms Well # 1

Field Name Wildcat

Producing Formation Cherokee

Elevation: Ground 3127 KB 3132

Total Depth 4772 PBTD 4719

Amount of Surface Pipe Set and Cemented at 332' Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2757 Feet

If Alternate II completion, cement circulated from 2757

feet depth to 300 w/ 450 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 12-16-96
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 980 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite

Operator Name NCC 3-26-96

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County CONFIDENTIAL 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 William L. Anderson
Title Vice President Date 3-20-96

Subscribed and sworn to before me this 20th day of March 19 96.

Notary Public Linda D. Rausch
Linda D. Rausch 10-03-98
Date Commission Expires

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)

LINDA D. RAUSCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10-03-98

Operator Name Anderson Energy, Inc.

Lease Name Vacin Farms

Well # 1

Sec. 23 Twp. 8 Rge. 33

County Thomas

East
 West

CONFIDENTIAL

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 Yes No
(Submit Copy.)

List All E.Logs Run: DIL, Compensated Neutron-Density, Sonic, CBL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	2744	(+388)
B/Anhydrite	2772	(+360)
Topeka	3870	(-738)
Heebner	4067	(-935)
Lansing	4105	(-973)
Stark	4310	(-1178)
BKC	4367	(-1235)
Pawnee	4488	(-1356)
Ft. Scott	4548	(-1416)
Cherokee Shale	4580	(-1448)
Johnson Zone	4626	(-1494)
Mississippi Lime	4675	(-1543)
TD	4772	(-1640)

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	20	332	60-40	190	2% gel 14% cc
Production	7 7/8	5 1/2	14	4759	60-40	225	10% salt 3/4# sx gilsonite + 3/4% CFR-2

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	300	2757	60-40 poz	450	30 sx gel & 113# Floseal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	4596-98		750 gal MCA	ALL
4	4602.5 - 04.5'		2000 gal Pentol 150	"
			6000 gal 15% gelled acid	"
			2000 gal foamed Pentol 150	"

TUBING RECORD Size 2 7/8 Set At 4692 Packer At ----- Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1-17-96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
40			0		28

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval

4596-98 +
4602.5-04.5'

Thornton E. Anderson
President

Anderson Energy, Inc.

William L. Anderson
Vice President

200 E. First Street
Suite 414

Wichita, Kansas 67202
(316) 265-7929
Fax (316) 265-8820

CONFIDENTIAL

ORIGINAL

March 19, 1996

DRILL STEM TESTS

Vacin Farms #1
100' S SE NW NW
Sec. 23-8S-33W
Thomas County, Kansas

15-193-20642

12-09-95 DST #1: 4064-4196 (Tor & L-KC 'A-F')
30-60-60-60
Wk to fair blow
Rec: 140' mud w/vsso + 123' watery mud (30% w)
ISIP 1037 # FSIP 908#
IFP 50-60# FFP 91-121#
Temp 121° HP 1909-1909#

RELEASED

MAR 31 1997

12-10-95 DST #2: 4280-4333 (L-KC 'J & K')
30-30-5 & out
Rec: 8' mud - NSO
SIP 25# FP 25-25#

FROM CONFIDENTIAL

DST #3: 4360-4415 (Pleasanton-Marm-Alt 'A')
30-60-60-60
Rec: 30' OCM (20% oil)
ISIP 101# FSIP 72#
IFP 50-50 # FFP 50-50#
Temp 127° HP 2109-2069

RECEIVED
KANSAS CORP COMM
1996 MAR 26 P 1:07

KCC

MAR 19

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12-12-95 DST #4, 4484-4505' (Pawnee)
Misrun -- packer failure.

DST #5 4412-4505' (Pawnee)
60 (45) 10 & out
Wk 1/2" blow decreasing thru 1st open
No blow 2nd open. Flushed -- no help.
Rec: 53' mud
IFP 71-71# ISIP 121#
FFP 71-71#

12-13-95 DST #6 4589-4640' (Cherokee Lime & Johnson Zone)
45 (60) 60 (90)
Strong blow off bottom in 1 min 1st open.
Gas to Surface in 15 min - 2nd open.
Rec: 2677' Clean, Gassy Oil and 124' Oil Cut Mud (30% oil)
IFP 243-647# FFP 737-978#
ISIP 1277# FSIP 1187#

12-14-95 DST #7 4631-66 (Cherokee Sand)
60 (45) 45 (45)
Weak to fair blow - 1st open
Weak blow - 2nd open.
Rec: 2' oil and 28' Oil Cut Mud
IFP 50-50# FFP 50-50#
ISIP 101# FSIP 81#

Called In: AM 3 19 96
Time Month Day Year

API# 15-193-20-642.0000

Mr. Bob Winkler **RELEASED** Spud Date: 12-4-95

Operator: Anderson Energy **CONFIDENTIAL** KCC # 6484
Expiration Date: 3-6-96

Address: 200 E. 1st # 414, Wichita, KS 67202 Phone # (316) 265-2929

Lease Name: Vacine Linn Well # #1

Location: 100' S-5E-NW-NW County: TOWNSHIP

Sec: 22 Twp: 8 Rge: 33

10 1/2" 8 3/4" 352 S.P. CWC w/ 175 sx. cmt.

4 1/2" - 5 1/2" 6" csg. set @ 4759 w/ 200 sx. cmt.

T.D. 4770 Elev. 3127 Anhy. 2744 Dakota Base: 2772

D.V. Tool @ Port Collar @ 2757 Perf. @ Other

Total Amount of Cmt./Blend: 450 ⁵⁰/₄₀ Formix 8% Gel- or slurr

1/4 lb of Flo-Cele per Sack

MAR 19

10 Bbls of Mud-Sweep ahead of cmt.

CONFIDENTIAL

Did Cmt circ? No Date: 3-19-96 Cement Company: allied Ticket # 0561

Alternate II Completion: Rotary Rig Pulling Unit Backside

Remarks:

3-19-96 allied cmt @ 2757 ft pumped in 450ST cmt with
10 Bbls of Mud-Sweep ahead - no water cmt did not circulate
3-20-96 temp survey by allied; (cmt top @ 2575 ft.)

OK by 1033 office
OKH Dewos
Card in 8 5/8"
12-12-96

RECEIVED
STATE CORPORATION COMMISSION

DEC 9 1996

CONSERVATION DIVISION
Wichita, Kansas

NO

Witness (sign)

FOR KCC USE:

EFFECTIVE DATE: 11-20-95
DISTRICT # 47
SSA? Yes No

15-193-20642-00-00
THOMAS
NOTICE OF INTENTION TO DRILL

FORM C-1 7/91
FORM MUST BE SIGNED
ALL SPACES MUST BE FILLED

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date: November 24 1995
100- S SE NW NW 23 8 S, Rg 33 XX West

OPERATOR: License # 6484
Name: Anderson Energy, Inc.
Address: 200 E. 1st, #414
City/State/Zip: Wichita, KS 67202
Contact Person: William L. Anderson
Phone: (316) 265-7929

RELEASED

1090 feet from South North line of Section
990 feet from East West line of Section
IS SECTION XX REGULAR IRREGULAR?
(NOTE: Locate well on the Section Plat on Reverse Side)
County: Thomas
Lease Name: Vacin Farms Well #: 1
Field Name: Wildcat

CONTRACTOR: License # 5420
Name: White & Ellis Drilling

FROM CONFIDENTIAL

Is this a Prorated/Spaced Field? yes XX no ✓
Target Formation(s): LKC Cherokee
Nearest lease or unit boundary: 990
Ground Surface Elevation: 3127 feet MSL
Water well within one-quarter mile: yes XXX no
Public water supply well within one mile: yes XXX no
Depth to bottom of fresh water: 250 ✓
Depth to bottom of usable water: 1930 ✓
Surface Pipe by Alternate: 1 XX 2
Length of Surface Pipe Planned to be set: 320
Length of Conductor pipe required: N/A
Projected Total Depth: 4700
Formation at Total Depth: MISSISSIPPI
Water Source for Drilling Operations:
well farm pond XX other

Well Drilled For: Well Class Type Equipment:
XX oil Enh Rec Infield XX Mud Rotary
Gas Storage Pool Mr Rotary
OUWO Disposal Wildcat Cable
Seismic: Seismos Other
Other
If OUWO: old well information as follows:
Operator:
Well Name:
Comp. Date: Total Depth

CONFIDENTIAL
12-11-95
PC @ 2757
MAR 1 9

Directional, Deviated or Horizontal Wellbore? yes XX no
If yes, true vertical depth:
Bottom Hole Location:
DUR IP #:
Will Cores Be Taken? XX yes no
If yes, proposed zone: LKC

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.
It is agreed that the following minimum requirements will be met:

- 1. Notify the appropriate district office prior to spudding of well;
- 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
- 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
- 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
- 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
- 6. IF AN ALTERNATE II COMPLETION, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY USABLE WATER TO SURFACE WITHIN 120 DAYS OF SPUD DATE. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.
Date: 11-13-95 Signature of Operator or Agent: William L. Anderson Title: Vice President

Judge
White & Ellis
SPUD-12-4-95
SP - 320 +
H2O - water well

FOR KCC USE:
API # 15- 193-20642-0000
Conductor pipe required 280 feet per ft. X2
Approved by: 11-15-95
This authorization expires: 5-15-96
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: 12-4-95 Agent: mm

Order
12-07-95
NOV 14 1995
4-95

676

REMEMBER TO:
- File Drill Pit Application (form CDP-1) with Intent to Drill
- File Completion Form ACD-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 24 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.
Mail to: Conservation Division, 200 Colorado Building, 202 W. First St., Wichita, Kansas 67202-1286.



15-193-20042-00-00

Kansas Corporation Commission

Bill Graves, Governor Susan M. Seltsam, Chair F.S. Jack Alexander, Commissioner Timothy E. McKee, Commissioner
Judith McConnell, Executive Director David J. Heinemann, General Counsel

January 17, 1996

Anderson Energy, Inc.
200 East 1st, #414
Wichita, Ks. 67202

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

LS: Vacin Farms #1
SE NW NW 23 08-33
Thomas County
API: 193-20,6420000

KCC

MAR 19

CONFIDENTIAL

Alternate II Completion
FIRST NOTICE

SPUD DATE: Dec. 4, 1995
EXP DATE: April 4, 1996

The KCC District #4 Office, Hays, Ks., wants to remind you that the expiration date listed above is the deadline for your Alternate II cementing requirement on the lease captioned above.

Please notify the District #4 Office at least 24 hours in advance of the time and date the Alternate II cementing is to be started, so it can be witnessed by the KCC staff.

The Kansas Corporation Commission issued an order on March 29, 1985, Docket #34-780C (C-1825) supplementing K.A.R. 82-3-106, which requires the following:

1. The Alternate II cementing (top stage) be performed within 120 days of the well's spud date.
2. The order specifically requires a blend of Portland Cement to be used in the Alternate II cementing (top stage).
3. The cement is to be placed at a minimum of fifty feet (50) below all usable water formation and circulated to the surface; in District #4, fifty feet below the base of the Dakota Fm.

Should you have any further questions, you may contact me by writing to the KCC District #4 Office, 2301 East 13th Street, Hays, Kansas 67601, or by calling (913) 628-1200.

Sincerely,

Marion J. Schmidt
Alternate II Coordinator

RECEIVED
STATE CORPORATION COMMISSION

DEC 10 1995

CONSERVATION DIVISION
Wichita, Kansas

cc: Compliance Tracking Wichita Topeka Hays

ALLIED CEMENTING INC.
RUSSELL, KANSAS

COMPANY Anderson Energy Inc.
WELL Vacino #1
FIELD _____
COUNTY Thomas STATE Kansas

LOCATION: Rolling SE 15
SEC 23 TWP 3 RGE 33

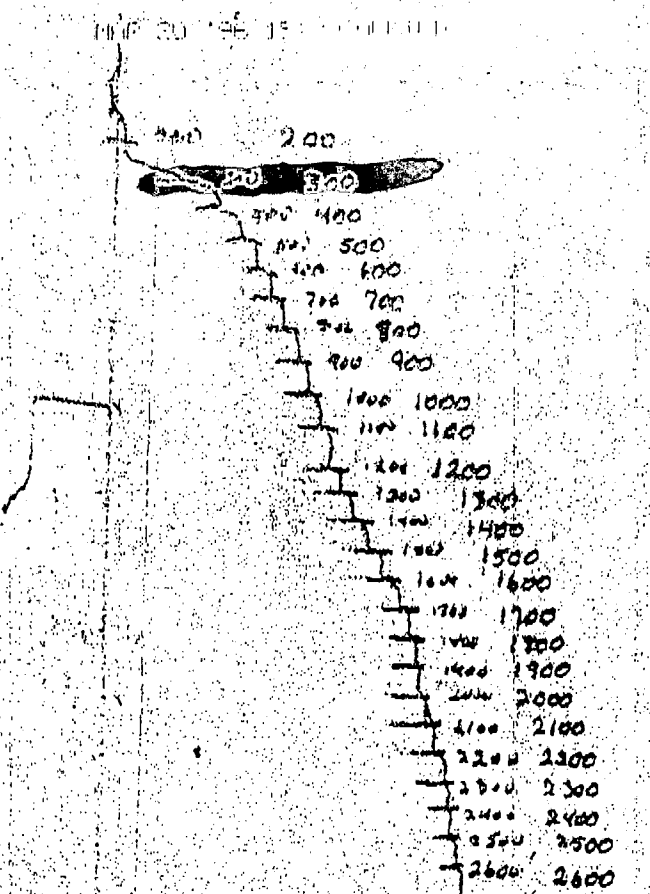
OTHER SERVICES RELEASED
JUL 31 1997
FROM CONFIDENTIAL

Permanent Datum _____ Elev. _____
Log Measured from _____ Ft. Above Permanent Datum
Drilling Measured from _____

Elevations:
KB _____
DF _____
GL _____

Date	<u>Temp Survey</u>		
Run No.			
Depth-Driller			
Depth-Logger			
Bottom Logged Interval			
Top Logged Interval			
Casing - Driller	@	@	@
Casing - Logger			
Bit Size			
Type Fluid in Hole			
Equip. No. and Location			
Recorded By	<u>Robert A. Wahlman</u>		
Witnessed By			

NCC
-MAR 19
CONFIDENTIAL



MATERIALS
450 Sds 6/40
89% bel 1/4" J-liner

Approx Top of Cement 275'

STATE OF KANSAS
COMMISSION
DEC 15 1996
CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

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

SERVICE POINT:

Russell

DATE <u>3-19-96</u>	SEC	TWP	RANGE	CALLED OUT <u>5:15 AM</u>	ON LOCATION <u>8:45 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>2:15 PM</u>
LEASE <u>WACIN</u>	WELL # <u>1</u>	LOCATION <u>Colby Country Club Rd. Exit</u>			COUNTY <u>Thomas</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one) <u>N 3 E 14 S</u>							
CONTRACTOR <u>EXPRESS Well Service</u>				OWNER			
TYPE OF JOB <u>OPEN PORT COLLAR (Circ Cement)</u>				CEMENT			
HOLE SIZE _____ T.D. _____							
CASING SIZE <u>5 1/2</u>		DEPTH _____		AMOUNT ORDERED <u>450 SK 80 82 Gel</u>			
TUBING SIZE <u>2 1/2</u>		DEPTH _____		<u>Y4 Flo-Seal Red SK</u>			
DRILL PIPE <u>Run (Ray)</u> DEPTH _____ <u>500 GAL Mud Sweep</u>							
TOOL <u>Port Collar</u> DEPTH <u>2759</u>							
PRES. MAX <u>1500</u>		MINIMUM <u>300</u>		COMMON _____ @ _____			
MEAS. LINE _____		SHOE JOINT _____		POZ MIX _____ @ _____			
CEMENT LEFT IN CSG _____ GEL _____ @ _____							
PERFS _____ CHLORIDE _____ @ _____							
RELEASED							
EQUIPMENT _____ @ _____							
PUMP TRUCK CEMENTER <u>Sh</u> _____ @ _____							
# <u>177</u>		HELPER <u>David</u>		HANDLING _____ @ _____			
BULK TRUCK # <u>305</u>		DRIVER <u>Paul</u>		MILEAGE _____ @ _____			
BULK TRUCK # _____ DRIVER _____ TOTAL _____							

13-193-20042-00-00

ROM CONFIDENTIAL

REMARKS _____ SERVICE _____

BRIDGE Plug @ 3700' Load Hole & Test

To 1500' @ 3670' (Head) Spot 2 SK DEPTH OF JOB _____

SAND Came UP + Opened Port Collar PUMP TRUCK CHARGE _____

Run 500 gal mud sweep + 450 SK cement EXTRA FOOTAGE _____ @ _____

Annulars did NOT circulate had very MILEAGE _____ @ _____

slight bleed displaced 15.00' + closed PLUG _____ @ _____

Port Collar 157' to 146' (Head) _____ @ _____

Washed tubing clean, ran 15' at 5' _____ @ _____

Washed 20' clean, came out of hole _____ @ _____

Shurt TOTAL _____

CHARGE TO ANDERSON ENERGY

STREET _____ FLOAT EQUIPMENT _____ @ _____

CITY _____ STATE _____ ZIP _____ @ _____

TOTAL _____

MAR 19
CONFIDENTIAL

To Allied Cementing Co., Inc

You are hereby requested to rent cementing equipment _____ TAX _____

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 Robert D. Williams TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC. 4085

15-193-20642-00-00

Well File ORIGINAL SERVICE POINT: Oakley

REMITTO: P.O. BOX 312, RUSSELL, KANSAS, 67665

DATE: <u>12-4-95</u>	SEC: <u>23</u>	TWP: <u>8</u>	RANGE: <u>33</u>	CALLED OUT: <u>7:30 PM</u>	ON LOCATION: <u>7:30 PM</u>	JOB START: <u>9:50 PM</u>	JOB FINISH: <u>10:45 AM</u>
VACIL Farms LEASE				LOCATION: <u>Colby 4E-1S-8S</u>		COUNTY: <u>Thomas</u>	STATE: <u>Kan</u>
CONFIDENTIAL							
CONTRACTOR: <u>White & Ellis Dlg Co #9</u>				OWNER: <u>Same</u>			
TYPE OF JOB: <u>Surface</u>				RELEASED CEMENT			
HOLE SIZE: <u>12 1/4</u>	T.D.:	<u>333'</u>		AMOUNT ORDERED: <u>190 SKS 60/40 PER</u>			
CASING SIZE: <u>8 5/8</u>	DEPTH:	<u>332'</u>		FROM CONFIDENTIAL: <u>4% CC - 2% let</u>			
TUBING SIZE:	DEPTH:			COMMON: <u>114 SKS @ 7.20 = 820.80</u>			
DRILL PIPE:	DEPTH:			POZMIX: <u>76 SKS @ 3.15 = 239.40</u>			
TOOL:	DEPTH:			GEL: <u>3 SKS @ 9.50 = 28.50</u>			
PRES. MAX:	MINIMUM:			CHLORIDE: <u>8 SKS @ 28.00 = 224.00</u>			
MEAS. LINE:	SHOE JOINT:			HANDLING: <u>190 SKS @ 1.05 = 199.50</u>			
CEMENT LEFT IN CSG: <u>15'</u>				MILEAGE: <u>44 per SK mile = 159.60</u>			
PERFS:				TOTAL 1,671.80			

EQUIPMENT

PUMP TRUCK CEMENTER: Walt

300 HELPER: Terry

BULK TRUCK DRIVER: Wayne

218

BULK TRUCK DRIVER: _____

SERVICE

DEPTH OF JOB: 332'

PUMP TRUCK CHARGE: 445.00

EXTRA FOOTAGE: 32' @ 4.12 = 13.12

MILEAGE: 21-miles @ 2.35 = 49.35

PLUG: 8 5/8 Surface @ 4.50 = 45.00

TOTAL 552.47

REMARKS:

DISPLACEMENT 20 1/4 BBL.

CEMENT D/O CIRC.

Walt

CHARGE TO: Andersson Energy Inc.

STREET: 200 E 1st Suite 414

CITY: Wichita STATE: Kan 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: Gary Clark



JOB SUMMIT Y

HALLIBURTON DIVISION MIDCONTINENT
HALLIBURTON LOCATION Hays

15-193-20042-00-00
BILLED ON TICKET NO. 9156

ORIGINAL

WELL DATA
FIELD wildcat SEC. 23 TWP. 8S RING. 33W COUNTY Thomas STATE Ks

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 CHEM MUD WT. 9.3
PACKER TYPE BAKER PORT COLLAR SET AT 2779
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 4772

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			5 1/2	0	4779	
LINER						
TUBING						
OPEN HOLE			7 1/8	4740	4772	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-15</u>	DATE <u>12-15</u>	DATE <u>12-15</u>	DATE <u>12-15</u>
TIME <u>12:00</u>	TIME <u>14:55</u>	TIME <u>18:30</u>	TIME <u>2:00</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Insect 5 1/2</u>	<u>1</u>	<u>BAKER</u>
GUIDE SHOE <u>REG 5 1/2</u>	<u>1</u>	<u>BAKER</u>
CENTRALIZERS <u>S-4 5 1/2</u>	<u>14</u>	<u>Baker</u>
BOTTOM PLUG		
TOP PLUG <u>S-W 5 1/2</u>	<u>1</u>	<u>HES</u>
HEAD <u>CM7 BASKET 5 1/2</u>	<u>5</u>	<u>BAKER</u>
PACKER		
OTHER <u>Port Collar 5 1/2</u>	<u>1</u>	<u>BAKER</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>G. Palmberg 41489</u>	<u>40029</u>	<u>HAYS</u>
<u>G. Blossing 52160</u>	<u>51145</u>	<u>HAYS</u>
<u>M. Karlin 61511</u>	<u>5070</u>	<u>HAYS</u>
	<u>3701</u>	<u>HAYS</u>

MATERIALS

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

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT PRODUCTION CASING

ROTATING HEAD
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Robert A. Williams

HALLIBURTON OPERATOR Gail Palmberg COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>225</u>	<u>40/60 PIZMIX A</u>	<u>B</u>	<u>270 G.D.</u>	<u>10% Salt 3/4% CFR-3</u>	<u>1.30</u>	<u>13.8</u>
					<u>7 1/2% GILSONITE SK</u>		
					<u>10 SKS For water well</u>		
					<u>15 SKS For Rat Hole</u>		

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL. 30 TYPE 270 CLASH II
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL. 6 Super Flush PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL. 3 SPACER FW DISPL: BBL. 115
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL. 50
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL. 204

REMARKS

SEE JOB LOG
Thank you
Stail Harry's mel

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 41 REASON SHOE JOINT

FIELD OFFICE

PERSON Energy Inc
LEASE
KANSAS CORP COMM
RECEIVED
MAY 26 11:07
WELL NO. 1
JOB TYPE
Prod CS9
DATE 12-15-95

ALLIED CEMENTING CO., INC.

TS-193-20642-00-00 0561

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified as "Customer" in the contract. "Job" refers to the services to be provided. "Job No." refers to the number assigned to this contract. "Job Date" refers to the date of the contract. "Job Location" refers to the location of the job. "Job Start" refers to the start time of the job. "Job Finish" refers to the finish time of the job. "Job Description" refers to the description of the job. "Job Status" refers to the status of the job. "Job Notes" refers to the notes on the job. "Job Attachments" refers to the attachments to the job. "Job History" refers to the history of the job. "Job Comments" refers to the comments on the job. "Job Alerts" refers to the alerts on the job. "Job Settings" refers to the settings on the job. "Job Permissions" refers to the permissions on the job. "Job Roles" refers to the roles on the job. "Job Groups" refers to the groups on the job. "Job Users" refers to the users on the job. "Job Groups" refers to the groups on the job. "Job Users" refers to the users on the job.

DATE	3-19-96	SEC. CASH		TWP. & R.		RANGE		CALLER		ON LOCATION	8:45 AM	JOB START	9:00 AM	JOB FINISH	2:15 PM
LEASER	WACIN	WELL #	1	LOCATION	Colby Country Club Rd. Exit			COUNTY	Thomas	STATE	KANSAS				
OLD OR NEW	(Circle one)														
CONTRACTOR	EXPRESS Well Service			OWNER											
TYPE OF JOB	OPEN PORT COLLAR (Circ Cement)			CEMENT											
HOLE SIZE	5 1/2			DEPTH											
CASING SIZE	5 1/2			DEPTH											
TUBING SIZE	2 1/2			DEPTH											
DRILL PIPE	Pam (Ray)			DEPTH											
TOOL	PORT COLLAR			DEPTH											
PRES. MAX	1500#			MINIMUM	300#			COMMON	270						
MEAS. LINES	3			SHOE JOINT	POZ MIX			180							
CEMENT LEFT IN CSG.				GEL	30										
PERFS.				CHLORIDE											

CONFIDENTIAL

EQUIPMENT RELEASED	Mud Sweep														
PUMP TRUCK	CEMENTER			1997			HANDLING			472.50					
#	177			HELPER	Will			MILEAGE	44 / SE / Mile						
BULK TRUCK	DRIVER			Paul											
#	305														
BULK TRUCK	DRIVER														
#															

CONFIDENTIAL

REMARKS:

BRIDGE Plug @ 3700'. Load Hole & Test To 1500# @ 3670' (HELD) SPOT 2 SK SAND. CAME UP & OPENED PORT COLLAR RAN 500 GAL MUD SWEEP, & 450 SK CEMENT. ANNULAR DID NOT CIRCULATE, HAD VERY SLIGHT BLOW, DISPLACED 15.88% & CLOSED PORT COLLAR. TEST TO 1400# (HELD). WASED TUBING CLEAN, RAN 5 JTS & WASED CSG CLEAN, CAME OUT OF HOLE.

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 550.00
 EXTRA FOOTAGE _____
 MILEAGE 27 @ 2.35 = 63.45
 PLUG _____
 TOTAL 613.45

CHARGE TO: **ANDERSON ENERGY**

STREET: 200 E 1st # 414
 CITY: Wichita STATE: Kansas ZIP: 67202

ALLIED does not assume any liability or responsibility for any damage to or loss of property or equipment, or for any injury to persons or for loss of business resulting from the use of the equipment or services provided by Allied. Allied shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by the use of the equipment or services provided by Allied. Allied shall not be liable for any damage to or loss of property or equipment, or for any injury to persons or for loss of business resulting from the use of the equipment or services provided by Allied. Allied shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by the use of the equipment or services provided by Allied.

TAX _____

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: Ray A. Walker