

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- 193-20,511-0000

County Thomas

SE SE NW Sec. 28 Twp. 8 Rge. 32  East West

2970 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

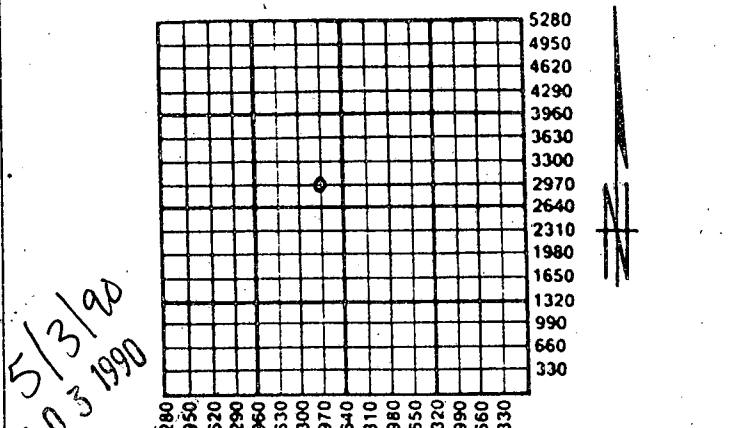
Lease Name Weyand Well # 1

Field Name North Randall (Extension)

Producing Formation Cherokee Lime

Elevation: Ground 3096' KB 3101'

Total Depth 4685' PBTD 4645'



Amount of Surface Pipe Set and Cemented at 334 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from N/A

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

5/3/90  
MAY 03 1990  
KANSAS CITY, MISSOURI

Operator: License # 6484

Name: Anderson Energy, Inc.

Address 200 E. First St., Suite 414

Wichita, KS-67202

City/State/Zip \_\_\_\_\_

Purchaser: Farmland Industries

Operator Contact Person: Bill Anderson

Phone (316) 265-7929

Contractor: Name: White & Ellis Drilling, Inc.

License: 5420

Wellsite Geologist: Ron Duloss

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

3/19/90 4/1/90 4/16/90

Spud Date Date Reached TD Completion Date

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 William J. Anderson

Title Secy-Treas. Date 5/2/90

Subscribed and sworn to before me this 2nd day of May, 19 90.

Notary Public Wilma E. Clark

WILMA E. CLARK  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. Aug. 5, 1992

ORIGINAL

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC  SWD/Rep  NGPA

KGS  Plug  Other

(Specify)

SIDE TWO

Operator Name ANDERSON ENERGY, INC. Lease Name Weyand Well # 1  
 Sec. 28 Twp. 8 Rge. 32  East County Thomas  
 West

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.)

See attached sheet for DST's.

Formation Description	
Anhydrite	2695 (+406)
B/Anhydrite	2720 (-381)
Topeka	3848 (-747)
Name	Top Bottom
Heebner	4041 (-940)
Lansing	4080 (-979)
Stark	4285 (-1184)
B/KC	4352 (-1251)
Marmaton	4376 (-1275)
Pawnee	4459 (-1358)
Myrick Station	4508 (-1407)
Ft. Scott	4528 (-1427)
Cherokee	4558 (-1457)
Johnson zone	4604 (-1503)
Mississippian	4641 (-1540)
LTD	4687 (-1586)

used 8-5/8" used 5-1/2" 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 csg	12-1/4"	8-5/8"	20#	334'	60/40 Poz	190	2% gel, 3% c.c.
production csg	7-7/8"	5-1/2"	14#	4679'	60/40 Poz	200	7% lb. sack Gilsonite

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	Cherokee Lime 4566 1/2"-69 1/2" and 4575'-4582'	250 gal. 15% MCA & 80 bbl 2% KCl water	4566 1/2'-4582'
		1000 gal diesel w/30 gal Flo-master & flush w/1500 gal diesel	
		1000 gal 15% NE & flush w/750 gal diesel w/2% Flo-master & 10 bbl diesel	

TUBING RECORD Size 2-3/8" Set At 4640.41' Packer At 4555' Liner Run  Yes  No

Date of First Production 4/16/90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	183	Unknown	0		29°

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify)

ORIGINAL

ANDERSON ENERGY, INC.  
Weyand #1 -  
SE SE NW 28-8S-32W  
Thomas County, KS

15-193-20511-0000

Drill Stem Tests:

DST #1: 3990-4090' - Oread, Toronto, Lansing A

60 (35) 30 (45)

Strong blow to bottom in 40" 1st open

Bottom of bucket in 8" 2nd open

Rec. 30' oil, 60' OCM (5% oil) + 670' water

IFP 63-243#      FFP 256-338#

ISIP 1112#      FSIP 1112#

DST #2: 4034-4124 - Toronto, Lansing A & B

30 (30) 30 (30)

Blowing off bottom of bucket in 5" 1st open and 15" 2nd open

Rec. 120' GIP, 55' oil, 61' OCWM (20% oil, 15% water)

122' OCWM (10% oil, 15% water), 183' OCWM (10% oil, 25% water)

and 367' MW (90% water)

IFP 95-211#      FFP 264-370#

ISIP 1123#      FSIP 1112#

DST #3: 4097-4124' Lansing B

30 (30) 30 (45)

Blow to bottom of bucket 15" 1st open

Rec. 360' GIP, 55' oil + 305' water

IFP 52-105#      FFP 137-160#

ISIP 893#      FSIP 862#

DST #4: 4121-4144' Lansing D

60 (30) 60 (45)

Weak blow throughout test

Rec. 30' mud w/few oil spots

IFP 52-52#      FFP 52-52#

ISIP 820#      FSIP 190#

DST #5: 4141-4192' Lansing E, F & G

60 (30) 60 (45)

Weak, steady blow 2" blow throughout test

Rec. 60' mud w/few oil spots and 240' water

IFP 52-84#      FFP 105-158#

ISIP 1280#      FSIP 1280#

DST #6: 4207-4232' Lansing H

60 (30) 60 (45)

Weak blow throughout

Rec. 20' OCM (10% oil, 90% mud)

IFP 31-31#      FFP 31-31#

ISIP 84#      FSIP 127#

Hyd. 1993-1983#

Temp. 131°

MAY 03 1990  
Wichita, Kansas

5/3/90

ORIGINAL

15-193-20511 + 200

ANDERSON ENERGY, INC.  
Weyand #1  
SE SE NW 28-8S-32W  
Thomas County, KS

Drill Stem Tests, cont'd.

DST #7: 4226-4275' - Lansing I & J  
45 (30) 45 (30)  
Weak blow throughout  
Rec. 5' slightly oil spotted mud  
IFP 31-31#    FFP 31-31#  
ISIP 31#    FSIP 31#  
Hyd. 2120-2099#  
Temp. 131°

DST #8: 4276-4360' - Lansing K & L  
45 (30) 30 (45)  
Strong blow off bottom in 5' 1st open  
Strong blow off bottom in 25' 2nd open  
Rec. 30' OCWM (1% oil) + 854' water  
IFP 84-296#    FFP 360-423#  
ISIP 971#    FSIP 883#  
Temp. 132°

DST #9: 4377-4418' - Altamont A & B  
30 (30) 30 (45)  
Strong blow off bottom in 5 mins. Both opens.  
Rec. 1750' GIP, 140' CGO (30% gas, 70% oil) + 30' OCM  
(30% oil, 70% mud)  
IFP 42-42#    FFP 42-42#  
ISIP 360#    FSIP 370#  
Temp. 130°

DST #10: 4457-4520' - Upper Pawnee & Myrick Station  
45 (30) 30 (30)  
Strong blow off bottom in 2 mins. - 1st open  
Strong blow off bottom in 10 mins. - 2nd open  
Rec. 360' GIP, 1980' total fluid  
420' gassy oil cut watery mud (20% oil, 20% gas, 25% mud, 35% water)  
180' gassy oil cut water (10% oil, 10% gas, 80% water)  
360' sl. oil cut water (2% oil, 98% water)  
1020' sl. oil spotted water (less than 1% oil)  
IFP 243-841#    FFP 966-966#  
ISIP 966#    FSIP 966#  
Temp. 131°

DST #11: 4511-4585' - Ft. Scott & Upper Cherokee  
30 (30) 30 (30)  
Blow to bottom of bucket in 2 mins. 1st open  
Blow to bottom of bucket in 1 min. 2nd open  
Rec. 1324' GIP + 1495' mud cut oil (90% oil, 10% mud)  
IFP 127-317#    FFP 391-539#  
ISIP 1175#    FSIP 1133#

DST #12: 4600-4618' - Johnson zone  
30 (30) Out  
Weak blow throughout test  
Rec. 10' oil spotted mud  
IFP 26-26#  
ISIP 95#

DST #13: 4641-4655' - Miss. Lime  
30 (30) 25 & Out  
Weak blow throughout test  
Rec. 2' mud  
IFP 21-21#    FFP 21-21#  
ISIP 21#

MAY 03 1990

CONSERVATION  
Wichita, Kansas

5/3/90

ORIGINAL

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

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

*CAMP*  
 15-193-20511-00-00

# ALLIED CEMENTING CO., INC. N° 10172

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

ate	3-19-90	Sec.	28	Twp.	8 S	Range	32 W	Called Out	3:15 PM	On Location	6:00 PM	Job Start	8:15 PM	Finish	8:45 AM	
ase	Weyland	Well No.	#1	Location	Oakley 2 <sup>nd</sup> / Exit 10N 12W			County	Thomas	State	Kansas					
ontractor	White & Ellis DRlg. Rig # 9							Owner	YAS.							
ype Job	Surface							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.								
ole Size	12 1/4	T.D.	3:35'													
eg.	8 5/8	Depth	3:34'													
bg. Size		Depth														
drill Pipe		Depth														
ool		Depth														
ement Left in Csg.	15'	Shoe Joint														
ress Max.		Minimum														
feas Line	✓ 320'	Displace	✓ 20 1/4													
erf.																

**EQUIPMENT**

umptrk	No. #177	Cementer	<i>Phew</i>
		Helper	<i>Will</i>
umptrk	No.	Cementer	
		Helper	
kulktrk	#155	Driver	<i>Joel</i>
kulktrk		Driver	

**DEPTH of Job**

Reference:	Pump Truck Chrg.	360 <sup>00</sup>
	1-8 5/8 Plug	40 <sup>00</sup>
	1 <sup>00</sup> PER MILE	16 <sup>00</sup>
	Sub Total	
	Tax	
	Total	416 <sup>00</sup>

Remarks: Cement Circulated  
*Chank*  
 MAY 03 1990

Charge To: **ANDERSON Energy INC.**  
 Street: **200 E. First Suite 414**  
 City: **Wichita** State: **Kansas**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. **x James Comwell**

**CEMENT**

Amount Ordered	190 SK 6 1/4 22 gal 3% cc
Consisting of	
Common	114 SKs @ 6 <sup>00</sup> = 684 <sup>00</sup>
Poz. Mix	76 SKs @ 24 <sup>00</sup> = 182 <sup>40</sup>
Gel.	3 SKs N/C = N/C
Chloride	5 SKs @ 20 <sup>00</sup> = 100 <sup>00</sup>
Quickset	

Handling	@ 90¢	171 <sup>00</sup>
Mileage	3¢ / SK / M.I.E	91 <sup>20</sup>
Sub Total		
Total		1228 <sup>60</sup>

Floating Equipment

**RECEIVED**  
**MAR 22 1990**  
 Thornton E. Anderson

CONSERVATION Division  
 Wichita, Kansas  
 5/3/90

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

15-193-20511-00700  
 CMT

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

# ALLIED CEMENTING CO., INC. No. 10082

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

NPIU

Date <i>4-1-90</i>	Sec. <i>28</i>	Twp. <i>8</i>	Range <i>32</i>	Called Out	On Location <i>10:00 PM</i>	Job Start <i>1:10 PM</i>	Finish <i>7:45 P.M.</i>
Lease <i>Wyand</i>	Well No. <i>1</i>	Location <i>Co #101 I-70 2nd Exit 10N</i>			County <i>Thomas</i>	State <i>Ks</i>	
Contractor <i>J. White &amp; Ellis</i>				Owner <i>JWES</i>			
Type Job <i>Production String</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>4685</i>						
Csg. <i>5 1/2</i>	Depth <del>4685</del> <i>4681</i>			Charge To <i>Anderson Energy Inc.</i>			
Tbg. Size	Depth			Street			
Drill Pipe	Depth			City			
Tool	Depth			State			
Cement Left in Csg.	Shoe Joint <i>30'</i>			The above was done to satisfaction and supervision of owner agent or contractor.			
Press Max.	Minimum			Purchase Order No. <i>J</i>			
Meas Line <input checked="" type="checkbox"/>	Displace			x <i>T.C. Johnson</i>			
Perf.				<i>10 BBI Salt Slush      CEMENT 1601</i>			

### EQUIPMENT

No.	Cementer	<i>Dave</i>
Pumptrk <i>153</i>	Helper	<i>Beard</i>
No.	Cementer	
Pumptrk	Helper	
Bulktrk <i>155</i>	Driver	<i>Maak</i>
Bulktrk	Driver	

### DEPTH of Job

Reference:	<i>Pump trk clay</i>	
	<i>100' Perimeter</i>	
	<i>5" Rubber Plug</i>	
	Sub Total	
	Tax	
	Total	

Remarks: *Float Held*

Amount Ordered <i>2000 10% salt 7% gilsonite</i>	
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

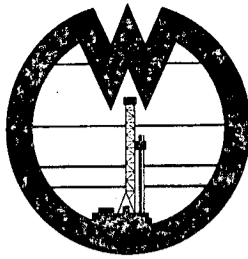
**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



15-193-20511-00-00

# WHITE

AND ELLIS DRILLING, Inc.

## DRILLERS LOG

OPERATOR: Anderson Energy, Inc., 200 E. 1st Street - Suite 414, Wichita, KS 67202  
 CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

Lease Name Weyand Well No. 1  
 Sec. 28 T. 8 S R. 32 W Spot SE SE NW  
 County Thomas State Kansas Elevation \_\_\_\_\_

### Casing Record:

Surface: 8 5/8" @ 335' with 190 sx. 3% CC 2% Gel

Production: 5 1/2" @ 4679' with 200 sx.

Type Well: Oil Well Total Depth 4685'

Drilling Commenced 3-19-90 Drilling Completed 4-2-90

Formation	From	To	Tops
Cellar	0	7	
Shale, Lime	7	4685	

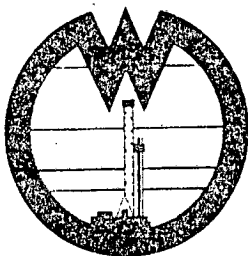
RECEIVED  
STATE CORPORATION COMMISSION

APR 11 1990

CONSERVATION DIVISION  
Wichita, Kansas

4/11/90





15-193-20511-00-00

**WHITE**

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Anderson Energy, Inc., 200 E. 1st Street - Suite 414, Wichita, KS 67202  
CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

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APR 3 1990  
CONSERVATION DIVISION  
Wichita, Kansas