

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

Operator: License # 5420
Name White & Ellis Drilling, Inc.
Address 401 E. Douglas - Suite 500
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company

Operator Contact Person Michael L. Considine
Phone (316) 263-1102

Contractor: License # 5420
Name White & Ellis Drilling, Inc.

Wellsite Geologist
Phone

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

If OWWO: old well info as follows:
Operator First Energy, Inc.
Well Name Bertrand #65-26
Comp. Date 9-28-84 Old Total Depth 4700'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-1-88 11-2-88 1-1-89
Spud Date Date Reached TD Completion Date
4700' 4400'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 345 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name Asked KCC for an extension of time until 9-1-89
Invoice #

API NO. 15-109-20-352-0001

County Logan
NE NW SE Sec. 26 Twp. 11S Rge. 33 East
West

2310 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

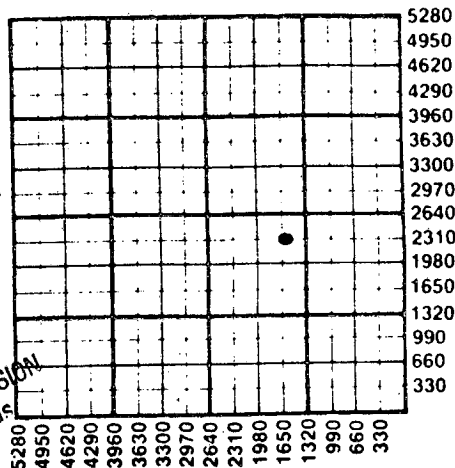
Lease Name Bertrand Well # 65-26 "OWWO"

Field Name Cook South

Producing Formation Lansing-Kansas City

Elevation: Ground 3092 KB 3097

Section Plat



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CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased from farmer
(purchased from city, R.W.D. #)

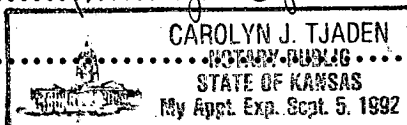
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential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

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

Signature Michael L. Considine
Title Controller Date 2-6-89

Subscribed and sworn to before me this 6th day of February 1989.
Notary Public Carolyn J. Tjaden

Date Commission Expires



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)
2-7-89
Form ACO-1 (5-86)

Sec. 16 Twp. 11 Rge. 33W

Operator Name White & Ellis Drilling, Inc. Lease Name Bertrand Well # 65-26 "OWWO"

Sec. 26 Twp. 11S Rge. 33 East West County Logan

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

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

Formation Description
 Log Sample

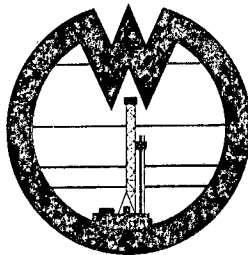
Name Top Bottom

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	...23...	...345'	...common	...250	...
Long String...	...7.7/8"	...4.1/2"	...10.5	4400'	standard	130	3% Cal Seal 10% Salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
3	4269'-4272'			500 MCA 2000 15% NE			
3	4244'-4246'			500 MCA 1250 15% NE			
3	4192'-4196'			250 MCA 1000 15% NE			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2 3/8"	Set At 4333'	Packer at				
Date of First Production		Producing Method					
1-1-89		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
6 Bbls			MCF	35 Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4192' - 4272'
 Used on Lease Dually Completed
 Commingled



15-109-20352-0000

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: White & Ellis Drilling, Inc., 401 E. Douglas - Suite 500, Wichita, KS 67202

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

Lease Name Bertrand Well No. 65-26 "OWWO"

Sec. 26 T. 11 S R. 33 W Spot NE NW SE

County Logan State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 345' with 250 sx. (9-17-84)

Production: 4 1/2" @ 4400' with 130 sx.

Type Well: Oil Well Total Depth 4700'

Drilling Commenced 11-1-88 Drilling Completed 11-2-88

Formation	From	To	Tops
Cellar	0	7	
Cement	7	30	
Open Hole	30	256	
Cement	256	365	
Open Hole	365	1371	
Cement	1371	1480	
Open Hole	1480	4700	

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NOV 7 1988

CONSERVATION DIVISION
Wichita, Kansas

X

15-109-20352-0000

TELEPHONE:
AREA CODE 913 489-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67685

TO: White & Ellis Drilling Company
401 E. Douglas Suite 500
Wichita, Kansas 67202

INVOICE NO. 54150
TICKET NO. _____
LEASE NAME Bertrand #1 65-26
DATE June 8, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 50 sks @\$5.85	\$ 292.50	
Pozmix 50 sks @\$2.35	117.50	
Gel. 5 sks @\$6.75	<u>33.75</u>	\$ 443.75
Handling 100 sks @\$0.90	90.00	
Mileage minimum	40.00	
Squeeze	360.00	
Mi @\$1.00 pmp. trk. (9)	<u>9.00</u>	
		499.00
		<u>24.95</u>
		S. Tax
		<u>967.70</u>
		Total

PLEASE DO NOT TAKE DISC. ON SALES TAX.

THANK YOU

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

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STATE OF KANSAS COMMISSION
FEB 11 1991
G. W. ...

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

15109-20352-0000
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 5524

Date 6-8-89 Sec. 26 Twp. 11 S Range 33 W Called Out _____ On Location _____ Job Start _____ Finish 2:30 PM

Lease Bertrand Well No. 55-26 Location Oakley Old 40 County Fogant State Ks

Contractor Hembree Well Service Owner 6W 35 5 5

Type Job Backside Squeez

Hole Size 4 1/2 Depth _____

Csg. 2 1/2 Depth _____

Tbg. Size 2 1/2 Depth _____

Drill Pipe _____ Depth _____

Tool _____ Depth _____

Cement Left in Csg. _____ Shoe Joint _____

Press Max. _____ Minimum _____

Meas Line _____ Displace _____

Perf. _____

EQUIPMENT

No.	Cementer	Helper
<u>153</u>	<u>Dave</u>	<u>berald</u>
<u>155</u>	<u>Scott</u>	<u>Steve</u>
	Driver	

Reference	Amount
<u>Pump tik chg</u>	<u>360.00</u>
<u>1.00 Per mile</u>	<u>9.00</u>
Sub Total	
Tax	
Total	<u>369.00</u>

Remarks: Mixed Cement down Backside
Shut in @ 100 PSI

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 White & Filler Drilling Co.
 Street 401 E. Douglas, Suite 500
 City White State Kan 67202

Purchase Order No. _____
 X Russell Bright
 Amount Ordered 100.50
 Consisting of:

Item	Quantity	Unit Price	Total
Common	<u>50</u>	<u>5.85</u>	<u>292.50</u>
Poz. Mix	<u>50</u>	<u>2.35</u>	<u>117.50</u>
Gel.	<u>5</u>	<u>6.75</u>	<u>33.75</u>
Chloride			
Quickset			
Sub Total			<u>572.75</u>
Handling	<u>90</u>		<u>90.00</u>
Mileage	<u>3</u>		<u>40.00</u>
Total			<u>572.75</u>

Floating Equipment _____
 FFR 1 1991

15-109-20352-0000

TELEPHONE:
AREA CODE 913 483-2827

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

TO: White & Ellis Drilling Company
401 E. Douglas Suite 500
Wichita, Kansas 67202

INVOICE NO. 54151
TICKET NO. _____
LEASE NAME Bostrand 1-65-26
DATE June 7, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Lite wt 500 sks @\$5.00	\$ 2,500.00	
Gel 2 sks. @\$6.75	13.50	
Sand 1 sk.	4.75	\$ 2,518.25
Handling 500 sks @\$0.90	450.00	
Mileage (9) @\$0.03c per sk per mi	135.00	
Port collar	450.00	
Mi @\$1.00 pmp. trk.	9.00	
		1,044.00
		S: Tax 52.20
		Total \$ 3,614.45

PLEASE DO NOT TAKE DISC. ON SALES TAX.

Cement circ. to surface THANK YOU

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

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STATE OF KANSAS
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C. J. ...

Phone-913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

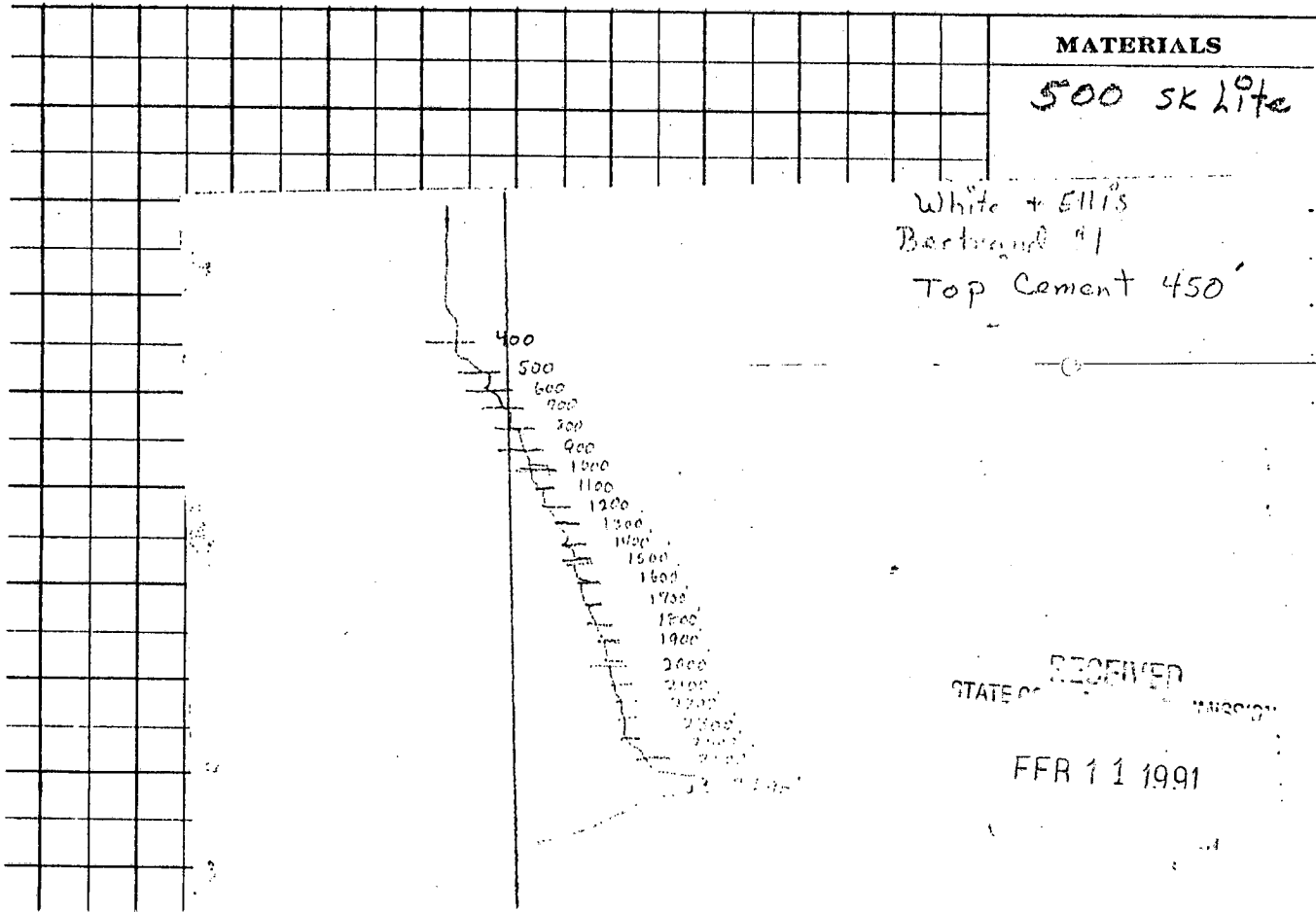
Home Office P. O. Box 31

Russell, Kansas 67665

DEFINITIONS: A. 4323
B. 4323
C. 4323
D. 4323
E. 4323
F. 4323
G. 4323
H. 4323
I. 4323
J. 4323
K. 4323
L. 4323
M. 4323
N. 4323
O. 4323
P. 4323
Q. 4323
R. 4323
S. 4323
T. 4323
U. 4323
V. 4323
W. 4323
X. 4323
Y. 4323
Z. 4323

Date	6-7-89	Sec	26	Twp	11	Range	33	Called Out	12:30 PM	On Location	Job Start	Finish
Lease	Bertrand	Well No.	16526	Location	OKley 5W 3 1/2 S 4 E			County	Kogan	State	Kan	
Contractor	Hembree Well Service							Owner				
Type Job	Port Collar							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								Charge To	White & Ellis			
Csg.	4 1/2" CELIA							Street	401 E. Douglas, Suite 500			
Tbg. Size	2 1/2" of hole							City	Wichita, Kan 67202			
Drill Pipe								The above was done to satisfaction and supervision of owner agent or contractor				
Tool	Depth							Purchase Order No.	Russell Bright			
Cement Left in Csg.	Shoe Joint							CEMENT				
Press Max.	2000#							Amount Ordered	500 lite 2 skel 2 sand			
Meas Line	Perf. Port Collar 25-98							Consisting of	Lito 500 sks 25.00 12500.00			
EQUIPMENT								Poz. Mix	2 sks 2 6.75 13.50			
Pumptrk	No. 153	Cementer	M.A. Doo					Gel.	1 sk sand 2 4.25 4.25			
Pumptrk	No. 156	Helper	Dave F.					Chloride				
Bulktrk	No. 156	Driver	Scott					Quickset				
Bulktrk	No. 156	Driver	Steve					Handling	90¢ 4.50.00			
DEPTH of Job								Mileage	3¢ 1.35.00			
Reference	Pump Truck		450.00					Sub Total				
	1.00 Per mile		9.00					Total	31103.25			
			Sub-Total					Floating Equipment				
			Tax					Circ. Hole Clean				
			Total					Ran To Bridge Plug washed sand off Plug				
Remarks:	Test Plug 9T 2000# Spot 1 sk Sand open Port Collar. Mixed 500 sk lite, The first 20B pre mix Cement Circ FEB 15/89 OFF											

ALLIED CEMENTING INC. RUSSELL, KANSAS	COMPANY <u>White & Ellis</u> 15-109-20352-0000			
	WELL <u>Bertrand #1</u>			
	FIELD _____			
	COUNTY <u>Logan</u> STATE <u>Kan</u>			
LOCATION:		OTHER SERVICES		
SEC <u>26</u> TWP <u>11</u> RGE <u>33</u>		Elevations:		
Permanent Datum _____ Elev. _____		KB _____		
Log Measured from _____ Ft. Above Permanent Datum		DF _____		
Drilling Measured from _____		GL _____		
Date				
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				
Witnessed By				



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