

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- 109-20,509-0000

County Logan
30' N of _____ East
SE SE SW Sec. 4 Twp. 11 Rge. 33 West

360 Ft. North from Southeast Corner of Section

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

Lease Name Nollette Well # 1-A

Field Name Unnamed Extension

Producing Formation Johnson

Elevation: Ground 3134' KB 3139'

Total Depth 4740' PBTD 4653'

Operator: License # 5420

Name: White & Ellis Drilling, Inc.

Address P. O. Box 48848

City/State/Zip Wichita, KS 67201-8848

Purchaser: Koch Oil Company

Operator Contact Person: Michael L. Considine

Phone (316) 263-1102

Contractor: Name: White & Ellis Drilling, Inc.

License: 5420

Wellsite Geologist: Tim Priest

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-17-91 4-27-91 6-4-91

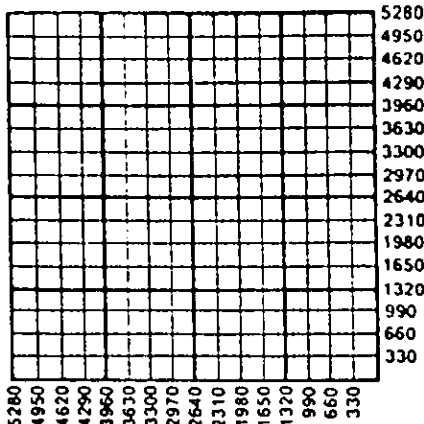
Spud Date Date Reached TD Completion Date

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COMMISSION

JUN 12 1991

CONSERVATION DIVISION
Wichita, Kansas

6-12-91



6-21-91

Amount of Surface Pipe Set and Cemented at 386 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2599' Feet

If Alternate II completion, cement circulated from 2599'

feet depth to surface w/ 425 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 Michael L. Considine
Title Secretary-Treasurer Date 6-6-91

Subscribed and sworn to before me this 6th day of June, 19 91.

Notary Public Carolyn J. Tjaden

Date Commission Expires _____

CAROLYN J. TJADEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. Sept. 5, 1992

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)

SIDE TWO

Operator Name White & Ellis Drlg., Inc. Lease Name Nollette Well # 1-A
 Sec. 4 Twp. 11 Rge. 33 East West
 County Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all coals. 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 DST information)

Formation Description		
Name	Top	Bottom
Heebner	4040	
Lansing	4079	
Muncie Crk	4218	
Stark	4306	
B/KC	4364	
Marmaton	4393	
Ft. Scott	4557	
Cherokee	4585	
Johnson Zone	4628	
Mississippi	4684	

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"	23#	386'	60/40 poz	200	3% CC 2% Gel
Production	7 7/8"	5 1/2"	14#	4666'	Class A	175	1.7% BA-29 & 5# gilsonite/sack

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	4630' - 4636'	1250 ga. 15% NE	
3	4630' - 4632'	Squeeze w/ 50 sacks and perforate Johnson Zone	4630-
		250 gal. SWIC acid	4636

TUBING RECORD Size 2 7/8" Set At 4650' Packer At _____
 Liner Run Yes No

Date of First Production 6-4-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	N/A	75		

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

METHOD OF COMPLETION
 Open Hole Perforation Dually Completed Production Interval
 Other (Specify) _____
 Johnson Zone
 Conmingled 4630-32'

DRILL STEM TEST RESULTS

Nollette #1-A ~)
 30' N of SE SE SW
 Section 4-11S-33W
 Logan County, Kansas

- DST #1: 4147'-4165' (E Zone), 45-60-60-60, Fair blow (5"),
 Recovered 10' O (18°), 310' W, IFP 38#-101, FFP 124#-185#,
 ISIP 1279#, FSIP 1279#, Temp - 114°
- DST #2: 4212'-4250' (H Zone), 45-45-45-45, Strong blow, Recovered
 260' GIP, 750' CO, 190' OCM, 120' SO&GSW, IFP 72#-264#,
 FFP 298#-475#, ISIP 1298#, FSIP 1256#
- DST #3: 4246'-4280' (I Zone), 45-45-45-45, Strong blow, Recovered
 660' GIP, 790' CGO and 50' G&OCM, IFP 60#-90#, FFP 219#-332#,
 ISIP 1314#, FSIP 1291#
- DST #4: 4276'-4310' (J Zone), 30-45-30-30, Weak blow - died.
 Recovered 30' OCM, IFP 45#-45#, FFP, 45#-45#, ISIP 67#,
 FSIP 61#
- DST #5: 4306'-4370' (K & L Zones), 45-45-45-45, strong blow,
 Recovered 20' SMCO (95% O), 370' OWCM (5% O, 25% W, 70%M)
 and 410' MW (30% M, 70% W), IFP 72#-248#, FFP 276#-400#,
 ISIP 1245#, FSIP 1252#
- DST #6: 4604'-4660' (Johnson Zone), 45-45-45-45, Strong blow.
 Recovered 720' GIP, 2440' O, IFP 226#-680#, FFP 726#-
 885#, ISIP 1057#, FSIP 1045#

RECEIVED
 STATE CONSERVATION COMMISSION

JUN 12 1991

CONSERVATION DIVISION
 Wichita, Kansas



15109205090000

CUSTOMER

ORIGINAL

INVOICE DATE

05/06/91

DIRECT BILLING INQUIRIES TO 713-899-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	FROM B.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1	INVOICE NO. 607889
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AUTHORIZED BY 607889

PURCH ORDER REF NO. NA

WHITE & ELLIS DRILLING
P O BOX 48848
MICHITA KS 67201

WELL NUMBER : 1-A **CUSTOMER NUMBER : 5152 - 0**

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTRICT NO
COLLETTE	14	1400		Oakley	999
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
POE UNIT		05/06/91	LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	UNIT	EXTENDED PRICE
10100314	1.00	CEMENT CASING 2,500 TO 3,000 FEET	1045.00		1,045.00
10109005	10.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.35		23.50
10410504	276.00	CLASS "A" CEMENT	6.75	QT	1,863.00
10415010	149.00	FLY ASH	3.62	CFT	539.38
10420145	2200.00	BJ-TITAN GEL, BENTONITE, BULK SALE	0.14	LB	308.00
10880001	425.00	MIXING SERVICE CHRG DRY MATERIALS.	1.10		467.50
10940101	200.00	DRYAGE, PER TON MILE	0.75		150.00
SUBTOTAL					4,396.38
DISCOUNT					879.28

ACCOUNT	1-00001 LOGAN 4-25002 KS-NEW WELL	RECEIVED STATE CORPORATION COMMISSION <i>April</i> JUN 17 1991	2,168.30 1,148.30	21.68 92.15
	1300402 10700			

TAX EXEMPTION STATUS:	PAY THIS AMOUNT →	3,630.93
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P.O. Box 4442
Houston, Tx. 77210

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

CUSTOMER ACCOUNT NO. 51520005
 CUSTOMER White & Elliot Dagle
 ADDRESS 401 E. Douglas, Suite 500
 CITY Wichita STATE Ks ZIP 67202
 AUTHORIZED BY: Russell Brito (Please Print) ORDER NO.

DATE 5-6-91 SERVICE CONTRACT NO. 609889
 NEW WELL? OLD WELL? WELL TYPE 0 JOB NUMBER
 WELL NO. 1-A Wallotte LEASE NAME & FEDERAL OFFSHORE LEASE NO.
 COUNTY (N) Wagon STATE Ks CODE 19
 PARISH Poc Unit CITY CODE
 WELL OWNER White & Elliot Dagle MTA CODE

STAGE NO. 0106 WORKING DEPTH 2559 FT.
 1 SURFACE 2 INTERMEDIATE 3 PRODUCTION 4 REMEDIAL
 TOTAL PREV. GALS.
 SIZE HOLE DEPTH FT.
 SIZE & WT. CASING 5 1/2" 14# DEPTH FT.
 SIZE & WT. DRILL PIPE OR TUBING 2 7/8" 6.40# DEPTH 2559 FT.
 PACKER DEPTH FLUID PUMPED

PLUMBING EQUIPMENT TYPE (A OR P) DATE
 TRUCK CALLED 9:00 A MTH DD 5 12 91
 ARRIVAL JOB 12:30 P 5 6 91
 START OPERATION 1:45 P 5 6 91
 FINISH OPERATION 2:45 P 5 6 91
 TIME RELEASED 3:00 P 5-6-91
 MILES FROM STATION TO WELL 10 SALESMAN NUMBER

REVENUE EQUIPMENT (UNIT NUMBERS)
BSU-46009 BSU-6006
BSJ-272 BSU-6458
BSU-2750 BSU-6459

EMPLOYEES ON JOB (EMPLOYEE NUMBER)
Dean 40-9524
Carl 52-1345

PRICE BOOK REF	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.
<p>RECEIVED STATE CORPORATION COMMISSION JUN 17 1991 CONSERVATION DIVISION Wichita, Kansas</p>									

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract or services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK 01 SIGNED: Russell Brito
 WELL OWNER, OPERATOR, CONTRACTOR OR AGENT

PRICE BOOK REF NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE EXTENSION
101003114	1	Pumping charge	1045.00 ea	1045.00
10109005	10	Pump truck mileage	2.35 per mile	23.50
10400504	276	Class A Cement	6.75 ea	1863.00
10415018	149	Poc Mix	3.62 ea	539.38
104201145	2200	Del	.14 ea	308.00
109180101	200	Hauling 20 x 10	.75 TM	150.00
101830001	425	Handling & dumping	1.10 ea	467.50
		Sub- Total		4396.38
		-20% discount		879.28
		Total		3517.10

SERVICE REPRESENTATIVE Larry V. THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Russell Brito
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED
 CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



PO Box 4442
Houston, Texas 77210

15-109-20509-0000

CEMENTING LOG

STATE NO. _____

Date 5-6-91 District Oakley, KS Ticket No. 609889
 Company White & Ellis Drilling Rig Pro Unit
 Lease Nalotte Well No. 1-A
 County Oregon State Ks
 Location Monument E-3/4N-8W

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2" Type J-55 Weight 14 # Collar 5 8nd

Casing Depth: Top _____ Bottom _____

Drill Pipe Size _____ Weight _____ Collars _____
 Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS
 Casing Bbls/Lin. ft. .0244 Lin. ft./Bbl 40.9
 Open Holes Bbls/Lin. ft. _____ Lin. ft./Bbl _____
 Annulus Bbls/Lin. ft. _____ Lin. ft./Bbl _____
they Bbls/Lin. ft. .0058 Lin. ft./Bbl 172.7
 Perforations From _____ ft. to _____ ft. Amt _____

COMPANY REPRESENTATIVE Russell Britz

CEMENT DATA

Spacer Type _____ Amt _____ Sls Yield _____ H.W. Density _____ PPG

LEAD: Pump Time _____ Type Lead Weight
 Excess _____ Amt 425 Sls Yield 1.88 H.W. Density 12.7 PPG

TAIL: Pump Time _____ Type _____
 Excess _____ Amt _____ Sls Yield _____ H.W. Density _____ PPG

WATER: Lbm _____ Gals. in Tank _____ Gals. in Total _____ Bbls

Pump Trucks Used BSU-46029 BSU-6006
 Bulk Equip BSU-2750 BSU-6455
BS-272, BSU-6458

Flow Equip. Mfg. Factory _____
 Shoe Type _____ Depth _____
 Flow Type _____ Depth _____
 Centralizers Quantity _____ Plug Tool _____ Bbls _____
 Stage Collars _____
 Special Equip _____
 Disc. Fluid Type H-2° Amt 14 1/2 Bbls Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

CEMENTER Harry St

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls. Min	
12:30						<p>on loc & set up like per job safety meeting pump on to ch for blow mix cement displace this close tag pressure to 1000 PSI run 3/4 sta wash out cement rot hole wash up like job complete Cement did circulate Thank you Harry St Cement = 139.3 bbl slurry</p>
1:15						
1:40						
1:45						
2:30						
2:35						
2:30						
2:33						
2:45						
3:00						

FINAL DISP. PRESS _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBL5 THANK YOU