

ORIGINAL

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- 065-22,542-00-6D

County Graham

N/2 SE/4 NE/4 Sec. 36 Twp. 9S Rge. 22 East West

3630 Ft. North from Southeast Corner of Section

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

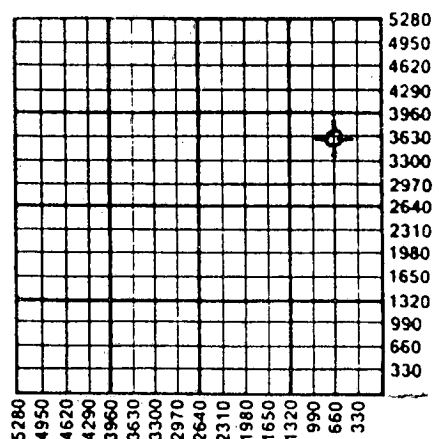
Lease Name Sandlin Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 2337' KB 2342'

Total Depth 3945' PBDT _____



Amount of Surface Pipe Set and Cemented at 275 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.

Operator: License # 5068

Name: Black Petroleum Company

Address P. O. Box 12922

City/State/Zip Wichita, KS 67277

Purchaser: _____

Operator Contact Person: Thomas E. Black

Phone (316) - 942-2741

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Marvin Douglas

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

10/23/89 10/31/89

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 Thomas E. Black
Thomas E. Black

Title President Date 2-6-90

Subscribed and sworn to before me this 6th day of February,
19 90.

Notary Public Martha C. Nussbaum
Martha C. Nussbaum

Date Commission Expires February 19, 1990

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)

RECEIVED
MAR 8 1990
3-8-90
CONSERVATION DIVISION
Wichita, Kansas



Form ACO-1 (7-89)

Handwritten initials 'PI' and 'V' at the bottom right of the page.

SIDE TWO

ORIGINAL

Operator Name Black Petroleum Company

Lease Name Sandlin

Well # 1

Sec. 36 Twp. 9S Rge. 22

East
 West

County Graham

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.)

Formation Description

Log Sample

Name	Top	Bottom
ANHYDRITE	1821'	1863'
Topeka	3322'	
Heebner	3534'	
Toronto	3559'	
Lansing	3576'	
Zone B	3615'	
Zone H	3713'	
Zone I	3736'	
Zone J	3753'	
Zone K		3775'

DST #1 3603'-30' Open 30" Rec. 5' Drilling Mud
IFP 22-22 FFP 22-22 ISIP 33 FSIP 33

DST #2 3720-3817' Open 30" Rec. 15' Drilling Mud
IFP 33-33 FFP 33-33 ISIP 635 FSIP 524

DST #3 3870-3945' Open 30-60" Rec. 400' Muddy Water
IFP 55-89 FFP 145-189 ISIP 957 FSIP 868

Base KC 3799'
RTD 3945'

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# 7 jts	274.96'	60/40 pos	170	2% gel, 3% cc

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	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 Production Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 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 Perforation Dually Completed Commingled
 Other (Specify) _____

RECEIVED

ORIGINAL



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
836025	10/31/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SANDLIN 1		GRAHAM		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
		EMPHASIS		PLUG TO ABANDON		10/31/198
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
082345	JACK D. FOX			COMPANY TRUCK		8510

BLACK PETROLEUM
P.O. BOX 12922
WICHITA, KS 67277

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	21	MI	2.20	46.20
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	8 5/8	IN	58.00	58.00
		1	EA		
504-308	STANDARD CEMENT	114	SK	5.45	621.30
506-105	POZMIX A	76	SK	2.88	218.88
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	7	SK	13.00	91.00
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	25.75	128.75
500-207	BULK SERVICE CHARGE	200	CFT	.95	190.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	186.270	TMI	.70	130.39
INVOICE SUBTOTAL					1,854.52
DISCOUNT-(BID)					370.89-
INVOICE BID AMOUNT					1,483.63
*-KANSAS STATE SALES TAX					61.07
*-HAYS CITY SALES TAX					7.19
<i>NO 10-21</i> <i>10-31-89</i> <i>pd. 12-29-89 \$2,818.64</i> <i>ck # 13669</i>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,551.89

RECEIVED
STATE CORPORATION COMMISSION

MAR 8 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UNLESS CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
87845B	10/23/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SANDLIN 1		GRAHAM		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS		EMPHASIS	CEMENT SURFACE CASING		10/23/198	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
082345	JACK D. FOX			COMPANY TRUCK	8457	

BLACK PETROLEUM
527 UNION CENTER
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	21	MI	2.20	46.20
001-016	CEMENTING CASING	275	FT	395.00	398.00
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	58.00	58.00
504-308	STANDARD CEMENT	102	SK	5.45	555.90
506-105	POZMIX A	68	SK	2.88	195.84
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	25.75	103.00
500-207	BULK SERVICE CHARGE	178	CFT	.95	169.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	160.020	TMI	.70	112.01
INVOICE SUBTOTAL					1,635.05
DISCOUNT-(BID)					408.75-
INVOICE BID AMOUNT					1,226.30
*-KANSAS STATE SALES TAX					36.20
*-HAYS CITY SALES TAX					4.25
VO 10-12 10-23-89					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,266.75

OCT 27 1989

RECEIVED
STATE CORPORATION COMMISSION

MAR 8 1990

CONSERVATION DIVISION
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.