

SIDE ONE

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

Operator: License # 5923

Name: American Petroleum Co., Inc.

Address 3500 N. Rock Rd., Bldg. #1300

City/State/Zip Wichita, KS 67226

Purchaser: TEXACO

Operator Contact Person: James T. Barvais

Phone (316) -636-5273

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Ron Nelson

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

8/16/89 8/20/89 9-14-89

Spud Date Date Reached TD Completion Date

API NO. 15- 147-20,512-00-00

County Phillips

SE SW NE Sec. 16 Twp. 4S Rge. 19 East West

2970 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

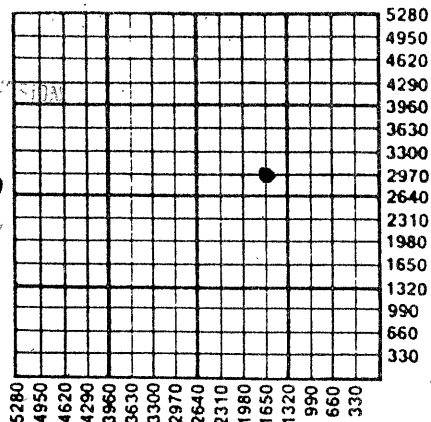
Lease Name Morgan Well # 2

Field Name WOLF CREEK

Producing Formation LANSING-KC

Elevation: Ground 2055' KB 2060'

Total Depth 3516' PBDT _____



Amount of Surface Pipe Set and Cemented at 226 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1595'

feet depth to SURFACE w/ 650 sx cmt.

Handwritten notes:
12-04-1989
12-11-89

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 James T. Barvais

Title PRESIDENT Date 11-30-89

Subscribed and sworn to before me this 30TH day of NOVEMBER, 19 89.

Notary Public Marcia L. Alterman

Date Commission Expires May 3, 1990

K.C.C. OFFICE USE ONLY		
<input type="checkbox"/> Letter of Confidentiality Attached		
<input checked="" type="checkbox"/> Wireline Log Received		
<input type="checkbox"/> Drillers Timelog Received		
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)		



SIDE TWO

Operator Name American Petroleum Co., Inc. Lease Name Morgan Well # 2
 Sec. 16 Twp. 4S Rge. 19 East County Phillips
 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.)

Formation Description		
Name	Top	Bottom
ANHYDRITE	1584'	1616'
TOPEKA	3016'	
HEEBNER	3216'	
TORONTO	3242'	
LANSING-KC	3260'	
BASE KC	3478'	
RTD.	3515'	

CASING RECORD New Used **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#	226'	POZMIX & STANDARD	140	2% GEL -3% CC.
PRODUCTION	7 7/8"	5 1/2"	14#	3513'	STANDARD	120	10% SALT & 5% CAL SEAL

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 (2 HOLES)	3432'	250 MUD ACID (15%) AND RETREATED WITH	
2 (7 HOLES)	3354' - 3357'	250 15% MUD ACID AND 1500 GALLONS OF	
1 (1 HOLE)	3341'	15% NON-E ACID.	
1 (7 HOLES)	3312' - 3318'	350 GALLONS 15% MUD ACID AND RETREATED	
1 (5 HOLES)	2296' - 3300'	WITH 1500 GALLONS OF 15% NON-E ACID	
2 (5 HOLES)	3260' - 3262'	250 GALLONS OF 15% MUD ACID AND RETREATED	
2 (5 HOLES)	3242' - 3244'	WITH 1500 GALLONS OF 15% NON-E ACID	

TUBING RECORD Size 2 3/8" Set At 3446' Packer At NONE Liner Run Yes No

Date of First Production 11-28-89 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	NONE	15	50/50	37

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



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

15-147-20512-00-00

INVOICE NO.	DATE
724180	08/16/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MORGAN 2		PHILLIPS		KS	AMERICAN PETROLEUM	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
BERLIN		EMPHASIS DRLG. #7	CEMENT SURFACE CASING		08/16/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
17800	JACK D. FOX			COMPANY TRUCK	81015	

AMERICAN PETROLEUM COMPANY INC
3500 NORTH ROCK ROAD
BUILDING 1300
WICHITA, KS 67226

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

PAID
Check No. 10014
Date 8-24-89

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	43	MI	2.20	94.60
		1	UNT		
001-016	CEMENTING CASING	206	FT	395.00	395.00
		1	UNT		
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	84	SK	6.75	567.00 *
506-105	POZMIX A	56	SK	3.50	196.00 *
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	25.75	103.00 *
500-207	BULK SERVICE CHARGE	148	CFT	.95	140.60 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	270.69	TMI	.70	189.48 *
INVOICE SUBTOTAL					1,743.68
DISCOUNT-(BID)					348.73-
INVOICE BID AMOUNT					1,394.95
*-KANSAS STATE SALES TAX					40.66
*-DECATUR COUNTY SALES TAX					9.57
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$1,445.18

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

ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

15-147-20512-00-00 724092

08/20/1989

INVOICE NO.	DATE
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WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
MORGAN 2		PHILLIPS		KS	AMERICAN PETRO
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
OBERLIN		EMPHASIS	TOP OUTSIDE PRODUCTION CASING		08/20/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
017800	JIM BARVAIS			COMPANY TRUCK	81175

AMERICAN PETROLEUM COMPANY INC
3500 NORTH ROCK ROAD
BUILDING 1300
WICHITA, KS 67226

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	43	MI	2.20	94.60
001-016	CEMENTING CASING	1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	3515	FT	1,001.00	1,001.00
018-317	SUPER FLUSH	1	UNT		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	5 1/2	IN	46.00	46.00
825.205		1	EA		
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	10	SK	72.00	720.00
815.19251		1	EA	104.00	104.00
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	83.00	83.00
815.19311		1	EA	30.00	30.00
40	CENTRALIZER 5-1/2" MODEL S-4	6	EA	44.00	264.00
807.93022		6	EA	44.00	264.00
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883		1	EA	90.00	90.00
504-308	STANDARD CEMENT	120	SK	6.75	810.00
508-127	CAL SEAL	6	SK	14.60	87.60
509-968	SALT	520	LB	.063	32.76
507-775	HALAD-322	46	LB	5.50	253.00
507-970	D-AIR 1, POWDER	31	LB	2.50	77.50
509-968	SALT	300	LB	.063	18.90
500-207	BULK SERVICE CHARGE	135	CFT	.95	128.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	268.26	TMI	.70	187.78
INVOICE SUBTOTAL					4,028.39
DISCOUNT-(BID)					805.67-
INVOICE BID AMOUNT					3,222.72

***** CONTINUED ON NEXT PAGE *****

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

ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

15-147-20512-00-00
A Halliburton Company

INVOICE NO.	DATE
878627	11/25/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
MORGAN 2		PHILLIPS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		O.W.S.	SQUEEZE HOLE IN CASING		11/25/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
017800	JIM BARVAIS			COMPANY TRUCK	86346

DIRECT CORRESPONDENCE TO:

AMERICAN PETROLEUM COMPANY INC
3500 NORTH ROCK ROAD
BUILDING 1300
WICHITA, KS 67226

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	43	MI	2.20	94.60
009-134	CEMENT SQUEEZE	1595	FT	879.00	879.00
009-019		1	UNT		
510-222	SACKED SAND 20/40 & SMALLER	2	SK	7.95	15.90
509-406	ANHYDROUS CALCIUM CHLORIDE	2	SK	25.75	51.50
090-167	TEMPERATURE SURVEY	1	RUN	255.00	255.00
009-027	PLUGGING BACK ADD. HR.	3	HR	140.00	420.00
		1	UNT		
504-308	STANDARD CEMENT	75	SK	5.45	408.75
504-118	HALLIBURTON LIGHT CEMENT -PREM	275	SK	4.92	1,353.00
500-207	BULK SERVICE CHARGE	350	CFT	.95	332.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	696.708	TMI	.70	487.70
504-118	HALLIBURTON LIGHT CEMENT -PREM	200	SK	4.92	984.00
504-308	STANDARD CEMENT	60	SK	5.45	327.00
506-105	POZMIX A	40	SK	2.88	115.20
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	154.50
500-207	BULK SERVICE CHARGE	312	CFT	.95	296.40
500-306	MILEAGE CMTG MAT DEL OR RETURN	591.68	TMI	.70	414.18
INVOICE SUBTOTAL					6,589.23
DISCOUNT-(BID)					1,266.84-
INVOICE BID AMOUNT					5,322.39
*-KANSAS STATE SALES TAX					225.68
*-HAYS CITY SALES TAX					26.58
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$5,574.65

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