

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

API NO. 15- 051-24725 0000

County Ellis  
approx. \_\_\_\_\_ East

NW SE SE Sec. 21 Twp. 11S Rge. 17 X West

860 Ft. North from Southeast Corner of Section

750 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

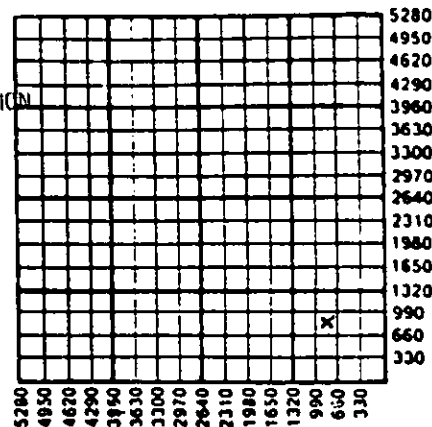
Lease Name Bemis A Well # 18

Field Name Bemis

Producing Formation Arbuckle

Elevation: Ground 1904' KB 1909'

Total Depth 3516' PBTD 3436'



7-17-91

Amount of Surface Pipe Set and Cemented at 329' Feet

Multiple Stage Cementing Collar Used? X Yes      No

If yes, show depth set DV Tool at 1147' Feet

If Alternate II completion, cement circulated from 1147

feet depth to 0 w/ 250 sx cmt.

Operator: License # 5447

Name: OXY USA, Inc.

Address P.O. Box 26100

City/State/Zip Oklahoma City, OK 73126-0100

Purchaser: CITGO

Operator Contact Person: Raymond Hui

Phone ( 405 ) 749-2471

Contractor: Name: Allen Drilling Company

License: 5418 STATE COMMISSION

Wellsite Geologist: Bill Keller

Designate Type of Completion

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

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 WICHITA, KANSAS

If OWMO: old well info as follows:

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

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

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

Drilling Method:

Mud Rotary     Air Rotary     Cable

3-6-91                      3-11-91                      4-23-91

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 Vic Tumlinson

Title Operations Drilling Manager Date 6-15-91

Subscribed and sworn to before me this 15th day of June, 19 91.

Notary Public Kay Ann Kilmer

Date Commission Expires 4-16-94

**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 OXY USA, Inc. Lease Name Bemis A Well # 18  
 Sec. 21 Twp. 11S Rge. 17  East  West  
 County Ellis

**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.)  
 Ran Dual Induction/GR

Name	Formation Description	
	Top	Bottom
Topeka	2852	3000
Oread	3000	3028
Plattsmouth	3028	3089
Toronto	3089	3115
LKC	3115	3396
Arbuckle	3396	3400
TD		3516
PBTD		3436

**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"	24#	329	Cl.A	225	3% cc
Production	7 7/8"	5 1/2"	13.7 & 14#	3515'	*Pls refer to csg info below		

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3433-35 3438-40	Spotted 200 gals of 15% NE acid.	3433-3440

**TUBING RECORD** Size 2 7/8" Set At 3430' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 4-4-91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours: Oil 30 Bbls. Gas - Mcf Water 104 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

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

\*Prod Csg Data: Pumped 50 sx 50/50 Poz A w/10% salt, 2% gel, followed by 125 sx cmt containing 1/4 #/sx Flo. 2nd stage: Pumped 250 sx of light cmt containing 1/4#/sx flo.



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

INVOICE

**HALLIBURTON SERVICES**

A Halliburton Company 15-051-24725-0000

INVOICE NO.	DATE
080424	03/11/1991

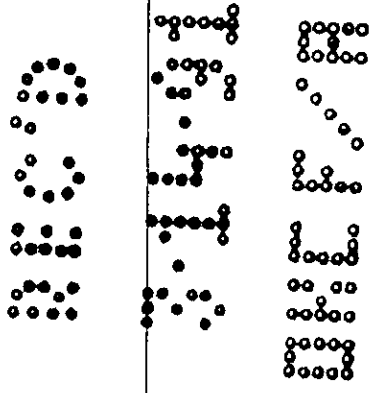
WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
MEMIS A-18		ELLIS		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS		ALLEN DR LG.	CEMENT PRODUCTION CASING		03/11/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
59167	PHILIP PRINGLE	E-26		COMPANY TRUCK	11807	

OXY USA INC.  
 REGIONAL OFFICE  
 ATT: G. I. MCFARLAND  
 PO BOX 26100  
 OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:  
 FIRST OKLAHOMA TOWER  
 210 WEST PARK AVENUE  
 SUITE 2050  
 OKLAHOMA CITY, OK 73102-5601

91572351 X 2360 1/724

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500-207	BULK SERVICE CHARGE	456	CFT	1.10	501.60
500-306	MILEAGE CMTG MAT DEL OR RETURN	414.71	TMI	.75	311.03
500-307	MILEAGE SURCHARGE-CEMENT MAT.	414.71	TMI	.10	41.47
INVOICE SUBTOTAL					11,462.00
DISCOUNT - (BID)					1,980.99
INVOICE BID AMOUNT					9,481.01
*-KANSAS STATE SALES TAX					293.34
*-HAYS CITY SALES TAX					34.53
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>99,808.88</b>



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 JUN 18 1991  
 CONDENSATION DIVISION  
 WICHITA, KANSAS

# HALLIBURTON SERVICES

A Halliburton Company

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

15-051-24725-000

INVOICE NO.	DATE
080424	03/11/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
BEMIS B-18	ELLIS	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
HAYS	ALLEN DRLG.	CEMENT PRODUCTION CASING	03/11/1991		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	PHILIP PRINGLE	E-26		COMPANY TRUCK	11807

OXY USA INC.  
REGIONAL OFFICE  
ATT: G. I. MCPARLAND  
PO BOX 26100  
OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	20	MI	2.35	47.00
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	20	MI	.40	8.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	3520	FT	1,145.00	1,145.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
		1	UNT		
018-317	SUPER FLUSH	12	SR	74.00	888.00
26	INSERT VALVE F. S. - 4 1/2"	1	EA	237.00	237.00
847.6316					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
71	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
813.8030					
75	PLUG SET 1/2"	1	EA	664.00	664.00
812.0162					
40	CENTRALIZER 5-1/2" MODEL S-4	10	EA	44.00	440.00
807.93022					
326	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
358	HALLIBURTON WELD-A	2	LB	11.50	23.00
890.10802					
508	HALLIBURTON LIGHT W/STANDARD	25	SR	5.21	1,406.70
504-308	STANDARD CEMENT	25	SR	5.45	136.25
506-105	POZMIX	25	SR	3.00	75.00
506-121	HALLIBURTON-GEL 2X	1	SR	.00	N/C
509-968	SALT	239	LB	.10	23.90
504-308	STANDARD CEMENT	125	SR	5.45	681.25
507-775	HALAD-322	176	LB	5.95	1,047.20
507-210	FLOCELE	112	LB	1.30	145.60
509-968	SALT	1200	LB	.10	120.00

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CONFERENCE ROOM  
Wichita, Kansas

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

APPIX JOB TRK 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

INVOICE



HALLIBURTON SERVICES

A Halliburton Company

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

5-051-24725

INVOICE NO.	DATE
080422	03/06/19

WELL LEASE NO./PLANT NAME		WELL PLANT LOCATION		STATE	WELL/PLANT OWNER
BEMIS A 18		ELLIS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		ALLEN	CEMENT SURFACE CASING		03/06/19
ACCT NO	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
659167	DONALD E. SHELDEN	E-26	AFE 91572351	COMPANY TRUCK	116

OXY USA INC.  
 REGIONAL OFFICE  
 ATT: G. I. MCFARLAND  
 PO BOX 26100  
 OKLAHOMA CITY, OK 73126-0100

DIRECT CORRESPONDENCE TO:  
 FIRST OKLAHOMA TOWER  
 210 WEST PARK AVENUE  
 SUITE 2050  
 OKLAHOMA CITY, OK 73102-5601

9-1572351 Y 2360. / 724

PRICE REF NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	3/8	20 MI	2.35	47.00
000-118	MILEAGE SURCHARGE-CEMENT-LAND	1	20 MI	.40	8.00
001-016	CEMENTING CASING	1	326 FT	480.00	480.00
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	1	8 5/8 IN	90.00	90.00
504-308	STANDARD CEMENT	1	225 EA	5.45	1,226.25
509-406	ANHYDROUS CALCIUM CHLORIDE	6	26.25 SK	26.25	157.50
507-210	FLOCELE	56	1.30 LB	1.30	72.80
500-207	BULK SERVICE CHARGE	241	1.10 CFT	1.10	265.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	216.860	.75 TMI	.75	162.65
500-307	MILEAGE SURCHARGE-CEMENT MAT.	216.860	.10 TMI	.10	21.69
INVOICE SUBTOTAL					2,530.99
DISCOUNT - (BID)					506.19
INVOICE BID AMOUNT					2,024.80
*-KANSAS STATE SALES TAX					64.07
*-HAYS CITY SALES TAX					7.54
OKLAHOMA CITY, OK					

APPR.	DATE REC'D
CO-DIV-SUP	LOC-CODE
327-77	1332
DUE DATE	QPL. DEL. CH.
	000
BID	ACCTS. APPL.

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MAR 18 1991

COMMISSIONER OF REVENUE

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$2,096.41

AFFIX JOB TKT 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