

ORIGINAL
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 # 5447

Name: OXY USA, Inc.

Address P.O. Box 26100

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

Purchaser: None - Inj. well

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Paul Ramondetta

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

7-9-90 7-14-90 8-3-90

Spud Date Date Reached TD Completion Date

API NO. 15- 147-20515-00-00

County Phillips

NE SW SW Sec. 14 Twp. 5 Rge. 20 East West

1030 Ft. North from Southeast Corner of Section

4170 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

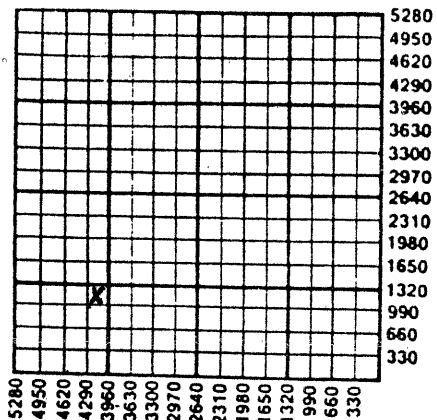
Lease Name Templeton A Well # 16W

Field Name Hansen

Producing Formation LKC

Elevation: Ground 2108' KB 2113'

Total Depth 3670' PBTD 3470'



4-29-91

Amount of Surface Pipe Set and Cemented at 329' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1594 Feet

If Alternate II completion, cement circulated from 1594

feet depth to 0 w/ 350 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 Vic Tumlinson *John M. White*

Title Operations Drilling Manager Date 8-21-90

Subscribed and sworn to before me this 21st day of August, 19 90.

Notary Public Kay Ann Kilmer

Date Commission Expires 4-16-94

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)

Rec'd
08-25-90

SIDE TWO

Operator Name OXY USA, Inc. Lease Name Templeton A Well # 16W
 Sec. 14 Twp. 5 Rge. 20 East West
 County Phillips

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 Lat.; Micro; Spec.
 Density Dual Spaced Neutron II Log,
 TOC at 2690'; set CIBP at 3470'

Name	Formation Description	
	Top	Bottom
Hebner	3180'	
Toronto	3206'	
LKC	3223'	
Arbuckle	3540'	
TD PBTD		3670' 3652'

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'	C1.A	200	3% CaCl
Production	7 7/8"	5 1/2"	14#	3669'	*Pls refer to Prod. Csq. Info listed below.		

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		4	3223-3226'; 3255-3258'; 3296-3298';

TUBING RECORD
 Size 2 3/8" Set At 3223' Packer At 3200'
 Liner Run Yes No

Date of First Production W/F Inj. approval
 Producing Method Flowing Pumping Gas Lift Other (Explain) Injection
 Estimated Production Per 24 Hours
 Oil - Bbls. Gas - Mcf Water - 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) Injection Well Production Interval 3223-3298'

*Production Csg Cement Info: Cemented 1st stage w/50 sx 50/50 Poz.A +10% salt. Cemented 2nd stage w/350 sx 12.7#/gal light + 1/4# sK Flo.

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

863557 07/13/1990

WELL LEASE NO./PLANT NAME		WELL NO.	LOCATION	STATE	WELL/PLANT OWNER	
TEMPLETON 16		PHILLIPS		KS	OXY USA	
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE	
BERLIN	ALLEN DRLG	CEMENT PRODUCTION CASING			07/13/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
59167	JIM NOWELL	E-26		COMPANY TRUCK	98250	

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

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	45	MI	2.35	105.75
007-013	MULT STAGE CEMENTING-1ST STAGE	1	UNT		
001-016		1669	FT	1,145.00	1,145.00
007-161	MULT STAGE CEMENTING-ADD STAGE	1	UNT		
018-317	SUPER FLUSH	1	STG	950.00	950.00
26	INSERT VALVE F. S. - 5 1/2" SRD	1	EA	223.00	223.00
847.6318		1	EA	30.00	30.00
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	44.00	44.00
815.19311		10	EA	44.00	440.00
40	CENTRALIZER 5-1/2" MODEL S-4	1	EA	2,450.00	2,450.00
807.93022		1	EA	2,450.00	2,450.00
71	MULT STAGE CEMENTER 5-1/2" SRD	1	EA	400.00	400.00
813.10354		1	EA	90.00	90.00
75	PLUG SET 5 1/2"	1	EA	11.00	11.00
812.0162		25	SK	6.75	168.75
320	CEMENT BASKET 5 1/2"	25	SK	3.50	87.50
800.8883		1	SK	.00	N/C
350	HALLIBURTON WELD-A	239	LB	.09	21.51
890.10802		63	LB	5.75	362.25
504-308	STANDARD CEMENT	13	LB	1.30	16.90
506-105	POZMIX A	125	SK	6.75	843.75
506-121	HALLIBURTON-GEL 2X	118	LB	5.75	678.50
509-968	SALT	31	LB	1.30	40.30
507-775	HALAD-322	350	SK	6.10	2,135.00
507-210	FLOCELE	88	LB	1.30	114.40
504-308	STANDARD CEMENT				
507-775	HALAD-322				
507-210	FLOCELE				
504-316	HALLIBURTON LIGHT W/STANDARD				
507-210	FLOCELE				

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

AFFIX JOB TKT

FORM 1900-R3

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 LEGAL 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.

INVOICE

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO. 863557 DATE 07/13/1990

WELL LEASE NO./PLANT NAME

WELL LOCATION

STATE

WELL/PLANT OWNER

EMPLETON 16

PHILLIPS

KS

OXY USA

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

BERLIN

ALLEN DR LG

CELESTINE PRODUCTION CASING

07/13/1990

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
59167	JIM NOWELL	E-26		COMPANY TRUCK	98250

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

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	UOM.	UNIT PRICE	AMOUNT
509-968	SALT	300	LB	.09	27.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	371.56	TNI	.75	278.67
500-207	BULK SERVICE CHARGE	182	CFT	1.10	200.20
500-207	BULK SERVICE CHARGE	356.0	CFT	1.10	391.60
500-306	MILEAGE CMTG MAT DEL OR RETURN	727.61	TNI	.75	545.71
INVOICE SUBTOTAL					12,644.79
DISCOUNT-(BID)					3,258.79
INVOICE BID AMOUNT					9,386.00
*- KANSAS STATE SALES TAX					299.82
*- DECATUR COUNTY SALES TAX					70.54
<i>91572140 X 2360.1/724</i>					
<i>32</i>					<i>006</i>
<i>LB Field</i>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					99,756.36

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO. 863510 DATE 07/09/1990

LEASE NO./PLANT NAME A 16	WELL/PLANT LOCATION PHILLIPS	STATE KS OKY USA	WELL/PLANT OWNER	
LOCATION	CONTRACTOR ALLEN	JOB PURPOSE CEMENT SURFACE CASING	TICKET DATE 07/09/1990	
CUSTOMER AGENT 1 NOWELL	VENDOR NO. E-26	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 97905

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

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

DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
REA - MID CONTINENT MILEAGE	45	MI	2.35	105.75
CEMENTING CASING	329	FT	440.00	460.00
CMTG PLUG LA-11, CP-1, CP-3, TOP	6	5/8 IN	59.00	59.00
CENTRALIZER 8-5/8" MODEL S-4	3	EA	53.00	159.00
HALLIBURTON WELD-A	1	LB	11.00	11.00
STANDARD CEMENT	200	BK	6.75	1,350.00
ANHYDROUS CALCIUM CHLORIDE	6	BK	26.25	157.50
FLOCELE	50	LB	1.30	65.00
BULK SERVICE CHARGE	216	CFT	1.10	237.60
MILEAGE CMTG MAT DEL OR RETURN	434.93	TMI	.75	326.20
INVOICE SUBTOTAL				2,951.05
DISCOUNT - (BID) 18%				531.17
INVOICE BID AMOUNT				2,419.88
*- KANSAS STATE SALES TAX				80.38
*- DECATUR COUNTY SALES TAX				18.90
INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,519.16

91572140 X 2360.1/724

32

006

RB

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.