

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

Operator: License # 00012

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

Wellsite Geologist: Bill Keller

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

12/8/91 12/14/91 2/5/92
Spud Date Date Reached TD Completion Date

API NO. 15- 147-20538-00-00
County Phillips **ORIGINAL**
CNW SW NW 32 5S 20 E

3630 Feet from S (circle one) Line of Section
4950 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Ray B Well # 5
Field Name Ray

Producing Formation Reagan

Elevation: Ground 2214 KB 2219

Total Depth 3700 PSTD 3618

Amount of Surface Pipe Set and Cemented at 380 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 cnt.

Drilling Fluid Management Plan 5-5-93
(Data must be collected from the Reserve Pit)

Chloride content 824 ppm Fluid volume 260 bbls

Dewatering method used by evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 [Signature] VIC TUMLINSON
Title DRILLING OPERATIONS MANAGER Date 3/23/92

Subscribed and sworn to before me this 23 day of March, 1992.
Notary Public Kelley D. Andrews
Date Commission Expires 8/19/95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 PGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
MAR 26 1992
OIL & GAS CONSERVATION DIVISION

SIDE TWO

Operator Name OXY USA INC. Lease Name Ray B Well # 5
 Sec. 32 Twp. 5S 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	3184'	3333'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3333'	3360'
List All E.Logs Run:		Toronto	3360'	3376'
		Lansing	3376'	3700'
		TD		3700'
		PBTD		3679'

Ran Spec. Density Dual Spaced NeutronII;
 High resolution Induction Log & Micro Log.

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	380'	Class A	270 sx	3% CC.
Production	7 7/8"	5 1/2"	14#	3693'	Howes Light	675	1/4# sx FTo

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Set CIBP @ 3618'	250 gal of 15% MCA	3621'-23'
4	Reagan 3612'-14'		

TUBING RECORD Size 2 7/8" Set At 3660' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1/24/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 18 Bbls. Gas 330 Mcf Water 330 Bbls. Gas-Oil Ratio _____ Gravity _____

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 3612'-14'

P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

ORIGINAL

INVOICE NO. DATE

163716 12/13/1991

A Halliburton Company

INVOICE

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
RAY B-5		PHILLIPS		KS	OXY USA INC.
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
BERLIN		ALLEN DRILLING CO.	CEMENT PRODUCTION CASING		12/13/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	JIM NOWELL	E-26		COMPANY TRUCK	27223

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
509-406	SALT	1	SK	26.25	26.25
504-316	HALLIBURTON LIGHT W/STANDARD	550	SK	6.28	3,454.00
507-277	HALLIBURTON-GEL ADDED 4%	19	SK	14.75	280.25
507-210	FLOCELE	138	LB	1.30	179.40
509-968	SALT	400	LB	.10	40.00
500-207	BULK SERVICE CHARGE	781	CFT	1.15	898.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	988.79	TMI	.80	791.03
INVOICE SUBTOTAL					9,533.98
DISCOUNT-(BID) 20% ^{of 0}					1,906.79-
INVOICE BID AMOUNT					7,627.19
*-KANSAS STATE SALES TAX					276.16
*-DECATUR COUNTY SALES TAX					64.98
9-1572498 X 236011724					
32 006					
RECEIVED KANSAS CORPORATION COMMISSION APR 20 1992 CONSERVATION DIVISION WICHITA, KS					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$7,968.33

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.

AFFIX JOB TKT

FORM 1900-R4

HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
163716	12/13/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
RAY B-5		PHILLIPS		KS	OXY USA INC.	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
BERLIN		ALLEN DRILLING CO.		CEMENT PRODUCTION CASING		12/13/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
659167	JIM NOWELL	E-26		COMPANY TRUCK	27223	

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	30	MI	2.60	78.00
001-016	CEMENTING CASING	3695	FT	1,240.00	1,240.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	105.00	105.00
825.205					
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	50.00	50.00
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
40	CENTRALIZER 5-1/2" X 7 7/8"	10	EA	44.00	440.00
807.93022					
320	CEMENT BASKET 5 1/2"	3	EA	90.00	270.00
800.8883					
60	ROTO WALL CLEANER 2 1/8" SPIKE	1	EA	22.00	22.00
807.0007					
66	FASGRIP LIMIT CLAMP 5 1/2"	2	EA	11.30	22.60
807.64031					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-308	STANDARD CEMENT	90	SK	6.75	607.50
508-127	CAL SEAL	4	SK	19.70	78.80
509-968	SALT	390	LB	.10	39.00
507-775	HALAD-322	43	LB	6.15	264.45
507-970	D-AIR 1, POWDER	23	LB	2.95	67.85
504-308	STANDARD CEMENT	35	SK	6.75	236.25
508-127	CAL SEAL	4	SK	19.70	78.80
509-968	SALT	152	LB	.10	15.20
507-775	HALAD-322	16	LB	6.15	98.40
507-970	D-AIR 1, POWDER	9	LB	2.95	26.55

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KANSAS CORPORATION COMMISSION

APR 20 1992

CONSERVATION DIVISION
WICHITA, KS

***** 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 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

AFFIX JOB TKT.

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
163573	12/08/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
PHILLIPS		OKLAHOMA		KS	OXY
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
ALOK		ALOK	CEMENT SURFACE CASING		12/08/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
163573	LM NORRIS			COMPANY TRUCK	26880

777 774 98 X 2360-1724

OXY GEN INC.
REGIONAL OFFICE
ATT: G. L. MCFARLAND
PO BOX 26100
OKLAHOMA CITY, OK 73115 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
000 117	MID CONTINENT MILEAGE	50	MI	2.60	130.00
01 016	CEMENTING CASING	383	FT	515.00	515.00
	CENTRALIZED 8-5/8" X 12.25"	1	UNT		
		3	EA	62.00	186.00
	HALLIBURTON WELD	1	LB	11.50	11.50
	CMTG PLUG LA 1, CP-3, TOP	8	5/8 IN	90.00	90.00
		1	EA		
	STANDARD CEMEN	270	SK	6.75	1,822.50
	ANHYDROUS CALCIUM CHLORIDE	9	SK	26.25	210.00
	FLOCELE	68	LB	1.30	88.40
	BULK SERVICE CHARGE	291	CFT	1.15	334.65
	MILEAGE CMTG. IN/OUT OR RETURN	653.70	TMI	.80	522.96
INVOICE TOTAL					3,911.01
DISCOUNT (BID)					782.20
INVOICE NET AMOUNT					3,128.81
* STATE SALES TAX					107.99
* COUNTY SALES TAX					25.41
RECEIVED KANSAS CORPORATION COMMISSION APR 20 1992 CONSERVATION DIVISION WICHITA, KS					
INVOICE TOTAL					\$3,262.21



OXY USA INC.

Box 26100, Oklahoma City, OK 73126-0100
Telephone 405 749-2000

March 23, 1992

Kansas State Corporation Commission
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202

RE: Well Completion Report
Ray B #5
NW/4 Sec. 32-5S-20W
Phillips County, Kansas

Gentlemen:

The following items are being submitted for the referenced well which has been recently completed:

1. Form ACO-1, Well Completion;
2. A set of electric logs;
3. Cement tickets.

Please advise if additional information is required.

Sincerely yours,


Raymond Hui
Mid-Continent Region

Attachments

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 15 1993

CONSERVATION DIVISION
WICHITA, KS

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

Operator: License # 09012

Name: OXY USA INC.

Address: P.O. BOX 26100

City/State/Zip: OKLAHOMA CITY, OK 73126-0100

Purchaser: Citgo

Operator Contact Person: RAYMOND HUI Jerry Ledwo

Phone: (405) 749-2471

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Bill Keller

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOV Temp. Abd.

Gas ENHR SIEW

Dry Other (Core, VSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PSTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

12/8/91 12/14/91 2/5/92
Spud Date Date Reached TD Completion Date

API NO. 15- 147-20538

County Phillips

CNW SW NW Sec. 32 Twp. 5S Rge. 20 X E W

3630 Feet from S (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Ray B Well # 5

Field Name Ray

Producing Formation Reagan

Elevation: Ground 2214 KB 2219

Total Depth 3700 PBTD 3618

Amount of Surface Pipe Set and Cemented at 380 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 cnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 824 ppm Fluid volume 260 bbls

Dewatering method used by evaporation

Location of fluid disposal if hauled offsite:

RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name MAR 15 1993 License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

CONSERVATION DIVISION
County WICHITA, KS Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 VIC TUMLINSON

Title DRILLING OPERATIONS MANAGER Date 3/23/92

Subscribed and sworn to before me this 23 day of March, 19 92.

Notary Public Kelley D. Andrews

Date Commission Expires 8/19/95

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

Operator Name OXY USA INC.Lease Name Ray BWell # 5 EastCounty PhillipsSec. 32 Twp. 5S Rge. 20 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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Topeka	3184'	3333'
Heebner	3333'	3360'
Toronto	3360'	3376'
Lansing	3376'	3700'
TD		3700'
PBTD		3679'

Ran Spec. Density Dual Spaced NeutronII;
High resolution Induction Log & Micro Log.

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#	380'	Class A	270 sx	3% CC.
Production	7 7/8"	5 1/2"	14#	3693'	Howes Light	675	1/4# sx F10

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Set CIBP @ 3618'	250 gal of 15% MCA	3621'-23'
4	Reagan 3612'-14'		

TUBING RECORD	Size	Set At	Packer At	Liner Run				
	2 7/8"	3660'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
1/24/92								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	18				330			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

3612'-14'