

SIDE ONE

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

ORIGINAL

API NO. 15- 147-20527 - 00-00
County Phillips

SE NW SE ^{SW} Sec. 31 Twp. 5S Rge. 20 East West

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

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.)

If **OWO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

2-7-91 2-12-91 4-13-91

Spud Date Date Reached TD Completion Date

1650 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

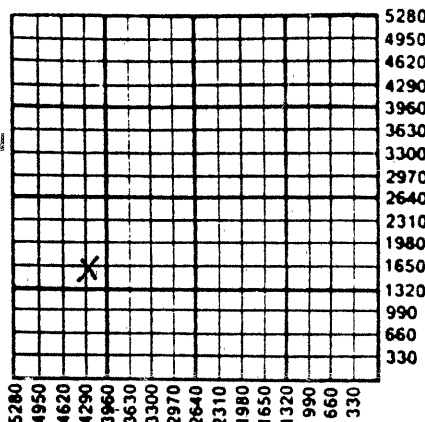
Lease Name Solt A Well # 5

Field Name Ray

Producing Formation Reagan

Elevation: Ground 2193' KB 2198'

Total Depth 3674' PBDT 3670'



4-26-91

Amount of Surface Pipe Set and Cemented at 363 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV Tool at 1769' Feet

If Alternate II completion, cement circulated from 1769
feet depth to 0 w/ 400 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

Title Operations Drilling Manager Date 4-23-91

Subscribed and sworn to before me this 23rd day of April, 19 91.

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)

SIDE TWO

Operator Name OXY USA, Inc. Lease Name Solt A Well # 5
 Sec. 31 Twp. 5S Rge. 20 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.)

Ran Dual Induction/GR logs.

Name	Formation Description	
	Top	Bottom
Toronto	3356	3372
Lansing	3372	3566
KC	3566	3612
Reagan	3612	3674
TD		3674
PBTD		3670

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#	363'	C1.A	250	3% cc
Production	7 7/8"	5 1/2"	15.5#	3670'	*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
	RIH w/1 it to 3615'. Spotted 30 sx cmt w/0.75% CFR & 2% cc.	Not treated
4	Reagan 3610-12'	

TUBING RECORD Size 2 7/8" Set At 3612' Packer At _____
 Liner Run Yes No

Date of First Production 7-3-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	-	-		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____ Production Interval 3610-3612'

*Prod. Csg Data: 1st stage: 50 sx 50/50 Poz. A w/10% salt, 20% gel, followed by 135 sx EA-2 w/5% Cal-seal. Cmt'd 2nd stage w/400 sx 12.7#/gal light w/1/4# sx flo.

INVOICE

ORIGINAL

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
051226	02/07/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
SOLT A 5	PHILLIPS	KS	OXY USA		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
BERLIN	ALLEN DRG	CEMENT SURFACE CASING	02/07/1991		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
59167	JIM NOWELL	E-26		COMPANY TRUCK	10019

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
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	55	MI	2.35	129.25
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT LAND	55	MI	.40	22.00
		1	UNT		
001-016	CEMENTING CASING	362	FT	480.00	480.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8	5/8 IN	90.00	90.00
		1	EA		
40	CENTRALIZER 8-5/8" MODEL S-4	3	EA	53.00	159.00
807.93059					
504-308	STANDARD CEMENT	250	SK	6.75	1,687.50
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.25	210.00
507-210	FLOCELE	63	LB	1.30	81.90
500-207	BULK SERVICE CHARGE	270	CFT	1.10	297.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	665.58	TMI	.75	499.19
500-307	MILEAGE SURCHARGE-CEMENT MAT.	665.58	TMI	.10	66.56
INVOICE SUBTOTAL					3,722.40
DISCOUNT-(BID)					654.08-
INVOICE BID AMOUNT					3,068.32
* - KANSAS STATE SALES TAX					102.27
* - DECATUR COUNTY SALES TAX					24.06
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,194.65

RECEIVED
STATE CORPORATION COMMISSION
APR 25 1991
CONSERVATION DIVISION
Wichita, Kansas

9-1572345 X 2360.1/724

32

006
BB

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.

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

INVOICE

ORIGINAL

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
904600	02/11/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SPLT 'A' 5		PHILLIPS		KS	OXY USA INC.
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
OBERLIN		ALLEN DRG. CO.	TOP OUTSIDE PRODUCTION CASING		02/11/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER PO. NUMBER	SHIPPED VIA	FILE NO.
659167	JIM NOWELL	E-26		COMPANY TRUCK	10255

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

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210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	50	MI	2.35	117.50
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	50	MI	.40	20.00
		1	UNT		
001-016	CEMENTING CASING	3672	FT	1,145.00	1,145.00
		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
		1	UNT		
018-317	SUPER FLUSH	12	SK	74.00	888.00
26	INSERT VALVE F. S.- 5 1/2" 8RD	1	EA	223.00	223.00
847.6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
40	CENTRALIZER 5-1/2" MODEL S-4	10	EA	44.00	440.00
807.93022					
71	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
813.80300					
75	PLUG SET 5 1/2"	1	EA	400.00	400.00
812.0162					
320	CEMENT BASKET 5 1/2" STATE CORPORATION COMMISSION	2	EA	90.00	180.00
800.8883					
350	HALLIBURTON WELD-A	1	LB	11.00	11.00
890.10802					
504-308	STANDARD CEMENT	25	SK	6.75	168.75
506-105	POZMIX A	25	SK	3.50	87.50
506-121	HALLIBURTON-GEL 2%	1	SK	.00	N/C
509-968	SALT	239	LB	.10	23.90
507-775	HALAD-322	32	LB	5.95	190.40
507-210	FLOCELE	13	LB	1.30	16.90
504-308	STANDARD CEMENT	135	SK	6.75	911.25
509-968	SALT	584	LB	.10	58.40
508-127	CAL SEAL	7	SK	19.70	137.90

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Wichita, Kansas

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DALLAS, TX 75395-1046

INVOICE

ORIGINAL HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
904600	02/11/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SOLT 'A' 5		PHILLIPS		KS	OXY USA INC.
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
OBERLIN		ALLEN DRG. CO.	TOP OUTSIDE PRODUCTION CASING		02/11/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
659167	JIM NOWELL	E-26		COMPANY TRUCK	10255

OXY USA INC.
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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
507-970	D-AIR 1, POWDER	32	LB	2.55	81.60
507-775	HALAD-322	63	LB	5.95	374.85
504-316	HALLIBURTON LIGHT W/STANDARD	400	SK	6.10	2,440.00
507-210	FLOCELE	100	LB	1.30	130.00
509-968	SALT	400	LB	.10	40.00
500-207	BULK SERVICE CHARGE	614	CFT	1.10	675.40
500-306	MILEAGE CMTG MAT DEL OR RETURN	1388.83	TMI	.75	1,041.62
500-307	MILEAGE SURCHARGE-CEMENT MAT.	1388.83	TMI	.10	138.88
INVOICE SUBTOTAL					13,371.85
DISCOUNT-(BID)					2,642.59-
INVOICE BID AMOUNT					10,729.26
*-KANSAS STATE SALES TAX					339.65
*-DECATUR COUNTY SALES TAX					79.91
<p>91572345 X 2360.1/724</p> <p>32 006</p> <p>510 [Signature]</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$11,148.82

RECEIVED
STATE CORPORATION COMMISSION
APR 25 1991
CONSERVATION DIVISION
Wichita, Kansas

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