



1183855

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	DRUSSEL E 4
Doc ID	1183855

All Electric Logs Run

HIGH FREQUENCY DIELECTRIC LOG
MICROLOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	DRUSSEL E 4
Doc ID	1183855

Tops

Name	Top	Datum
HEEBNER	3903	
TORONTO	3915	
LANSING	3951	
KANSAS CITY	4345	
MARMATON	4480	
PAWNEE	4566	
CHEROKEE	4611	
ATOKA	4779	
MORROW	4831	
ST GENEVIEVE	4943	
ST LOUIS	5013	

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	DRUSSEL E 4
Doc ID	1183855

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5017-5018.5 ST LOUIS		5017-5018.5
4	4850-4851, 4866-4867.5 MORROW		4850-4851, 4866-4867.5
		362 BBL FRAC 70%QN2(668,000 SCF) 65,026# 20/40 SAND	4850-5018.5
4	4614-4618 CHEROKEE	600 GAL 15%HCL ACID W/ ADDITIVES	4614-4618
4	4568-4574 PAWNEE	600 GAL 15%HCL ACID W/ ADDITIVES, FLUSH 28 BBL 6%KCL	4568-4574
4	4359-4365 KANSAS CITY	15% HCL FLUSH 28 BBL	4359-4365
4	4405-4410 KANSAS CITY	15% HCL FLUSH 28 BBL 4% KCL	4405-4410
	CIBP 4800		4800



# ALLIED OIL & GAS SERVICES, LLC 052014

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Liberals KS

DATE <u>10-10-13</u>	SEC <u>36</u>	TWP <u>24S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>10:00am</u>	JOB START <u>11:00pm</u>	JOB FINISH <u>12:00am</u>
LEASE <u>Drusel</u>	WELL # <u>E-4</u>	LOCATION <u>Vec Garden City</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR  
TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5293

CASING SIZE 5 1/2 DEPTH 5281

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 3,000 MINIMUM

MEAS. LINE SHOE JOINT 40.31

CEMENT LEFT IN CSG. 1.95 bbls

PERFS.

DISPLACEMENT 124.75 bbls

OWNER

CEMENT

AMOUNT ORDERED 300sk 50/50 2% gel 5% spm  
10% seal + 5# Gilsomite 1/4# Flo Seal 1.5% FL-160  
2% CD-31

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
50/50 Class H	300sk @ 16.85	5055.00
Salt	18.24sk @ 26.35	480.89
Gyp seal	25.20sk @ 37.60	947.52
Gilsomite	1500# @ .98	1470.00
Flo-seal	75# @ 2.97	222.75
FL-160	126# @ 18.90	2381.40
CD-31	80.40# @ 10.30	819.12
Super Flush	12bbl @ 58.70	704.40
HANDLING	385.45 @ 2.48	955.92
MILEAGE	763.5 @ 2.60	1985.10
TOTAL		14722.10

EQUIPMENT

PUMP TRUCK CEMENTER Lenny Baeza

# 549-SSO HELPER Aldo E

BULK TRUCK

# 774-744 DRIVER Ernie S.

BULK TRUCK

# DRIVER

REMARKS:

AP LOCATION/DEPT. Liberals  D02  NON D02

LEASE/WELL/FAC Drusel E4

MAXIMO / WSM #

TASK 0102 ELEMENT 3023

PROJECT # 1174858 CAPEX / OPEX - Circle one

SPO / BPA  UNSUPPORTED

PRINTED NAME Graham Fleeg

SIGNATURE: [Signature]  
I certify that these services/materials have been received

SERVICE

DEPTH OF JOB 5001-6000

PUMP TRUCK CHARGE 3099.25

EXTRA FOOTAGE @

MILEAGE 50 @ 7.70 385.00

MANIFOLD 275 @ 1 275.00

Light Vehicle 50 @ 4.40 220.00

TOTAL 3979.25

CHARGE TO: OKY USA

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Top Rubber Plug	1 @ 85.41	85.41
Stop Collar	1 @ 49.14	49.14
Guide shoe	1 @ 280.80	280.80
AFU Float Valve	1 @ 334.62	334.62
Centralizers	20 @ 57.33	1146.60
TOTAL		1869.57

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Graham Fleeg

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES \$ 20,597.92

DISCOUNT IF PAID IN 30 DAYS

Net \$ 12,770.71

# ALLIED OIL & GAS SERVICES, LLC 052295

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Liberal ks

DATE <u>10-05-13</u>	SEC. <u>36</u>	TWP. <u>25S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00</u>	JOB FINISH <u>7:00 a.m.</u>
LEASE <u>Drussel</u>	WELL# <u>E-4</u>	LOCATION <u>Sublete N to Parallel Rd, W</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1M, N into</u>					

CONTRACTOR <u>Acte D #507</u>	OWNER <u>Oxy USA Inc</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>1640 ft</u>
CASING SIZE <u>8 5/8 24#</u>	DEPTH <u>1640 ft</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>120 Opsi</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>40.37 ft</u>
CEMENT LEFT IN CSG. <u>40.37 ft</u>	
PERFS.	
DISPLACEMENT <u>102 BBls</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Ruben Chavez</u>	
# <u>531-541</u> HELPER <u>Cesar Paula</u>	
BULK TRUCK	
# <u>562-528</u> DRIVER <u>Dwight Green</u>	
BULK TRUCK	
# <u>470-467</u> DRIVER <u>Alex Corona</u>	
CEMENT	
AMOUNT ORDERED <u>350sk "C" AMD 27.6x4 Seal, 27. NAMS, 3%CC, 1/4lb/sk Flosole, .29 SA-SI / 243sk "C" 27.0C, 1/4lb/sk F.S.</u>	
COMMON "C" <u>243sk @ 24.40</u>	<u>5,978.00</u>
POZMIX	@
GEL	@
CHLORIDE <u>18 sk @ 64.00</u>	<u>1,152.00</u>
ASC	@
Flosole <u>149 lb @ 2.97</u>	<u>442.53</u>
SA-SI <u>66 lb @ 17.55</u>	<u>1,158.30</u>
AMD "C" <u>350sk @ 31.00</u>	<u>10,850.00</u>
Stop loss Spacer <u>10 BBL @ 250.00</u>	<u>2,500.00</u>
	@
	@
	@
HANDLING <u>648 C. ft @ 2.45</u>	<u>1,607.04</u>
MILEAGE <u>1,472.70 T.M. @ 2.60</u>	<u>3,829.02</u>
TOTAL <u>25,016.89</u>	

REMARKS:

AP LOCATION/DEPT. Libcap  D02  NON D02

LEASE/WELL/FAC Drussel E4

MAXIMO / WSM # \_\_\_\_\_

TASK 0102 ELEMENT 3023

PROJECT # 1174858 CAPEX / OPEX - Circle one

SPO / BPA  UNSUPPORTED

PRINTED NAME Gene Bilby

SIGNATURE: Gene Bilby  
I certify that these Services Materials have been received

SERVICE	
DEPTH OF JOB	<u>1640 ft</u>
PUMP TRUCK CHARGE	<u>2,213.75</u>
EXTRA FOOTAGE	@
MILEAGE <u>heavy 50M @ 7.70</u>	<u>385.00</u>
MANIFOLD + head <u>1 @ 275.00</u>	<u>275.00</u>
<u>Light Vehicle 50M @ 4.40</u>	<u>220.00</u>
	@
TOTAL <u>3,093.75</u>	

CHARGE TO: Oxy USA Inc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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PLUG & FLOAT EQUIPMENT

<u>Top rubber plug 1 @ 131.04</u>	<u>131.04</u>
<u>Guide shoe 1 @ 460.95</u>	<u>460.95</u>
<u>Flapper Float Valve 1 @ 446.94</u>	<u>446.94</u>
<u>Centralizer 1H @ 74.85</u>	<u>1,048.32</u>
	@
TOTAL <u>2,087.29</u>	

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 32,697.92

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

NET = 18,420.74

  

NET = 19,945.74