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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY – DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5447
Name: OXY USA Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: PEPL
Operator Contact Person: Vicki Carder
Phone: (620) 629-4200
Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Tom Heflin

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Designate Type of Completion:
X New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
X Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl, Cathodic, etc.)

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If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
Well Name:

Original Comp. Date: ____ Original Total Depth: ____
____ Deepening ____ Re-perf. ____ Conv. To Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Enhr.?) Docket No. ____

01/11/02	01/28/02	03/05/02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-22407-0000
County: Stevens
- NW - SW - NE Sec. 20 Twp. 34 S. R. 35W
1469 feet from S (N) *(circle one)* Line of Section
2248 feet from (E) W *(circle one)* Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Illinois A Well #: 1
Field Name:
Producing Formation: Lower Morrow
Elevation: Ground: 3009 ✓ Kelly Bushing: ✓ 3022
Total Depth: 6790 ✓ Plug Back Total Depth: 6386 ✓
Amount of Surface Pipe Set and Cemented at 1698 ✓ feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set
If Alternate II completion, cement circulated from
feet depth to ____ w/ ____ sx cmt.

ALT I EH 5-14-02

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1100 ppm Fluid volume 1800 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: ____ License No.: ____
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☒ West
County: ____ Docket No.: ____

INSTRUCTIONS: An original an two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market – Room 2078, Wichita, Kansas 6702, 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 of 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 CEMENTINGTICKETS 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: Vicki Carder
Title: Capital Projects Date April 29, 2002
Subscribed and sworn o before me this 29th day of April
20 02
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2005

ANITA PETERSON
MY COMMISSION EXPIRES
October 1, 2005

KCC Office Use Only
Yes ✓ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: ____
✓ Wireline Log Received
✓ Geologist Report Received
____ UIC Distribution

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Side Two

Operator Name: OXY USA Inc. Lease Name: Illinois A Well# 1

Sec. 20 Twp. 34 S. R. 35W ☐ East ☐ West County: Stevens

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Instructions: Show important tops and base 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. Attach copyof all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	☒ Yes	☐ No
Samples Sent to Geological Survey	☒ Yes	☐ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy)	☒ Yes	☐ No

List All E. Logs Run: ✓Cast V Cement ✓Induction ✓Gamma Ray ✓Acoustilog ✓Neutron ✓Geological Report

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	4283	-1261
Lansing	4407	-1385
Marmaton	4839	-1817
Cherokee	5463	-2441
Morrow	5858	-2836
Chester	6250	-3228
Ste. Genevieve	6507	-3485
St. Louis	6606	-3584

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
Conductor							
Surface	12 1/4	8 5/8	24	1698	C	500 150	65/35, 2%CC, 1/4# FloSeal 2% CC, 1/4# FloSeal
Production	7 7/8	5 1/2	15.5	6786	H	245	50/50 Lite POZ, 2% D2, D53, D42, 10% D44, .5% D60.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing	-			
____ Plug Back TD ____ 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
3	6442/6472	Acidize - 1600 Gals Diesel	
	CIBP @ 6400' w/2 sxs cmt.	Frac-30561 Gals gel Diesel, 40840# 20/40 Sand	
3	6175-6190, 6223-6240	Acidize-2316 Gals 15% HCL	
		Frac-48000 Gals 30# XL Gel, 57500# 20/40 Sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	6100	6096	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
03/14/02	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil BBLS	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
	3	1860	0		

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

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Fluid Systems:

Lead

30 Sks Class H + 50/50 Lite Poz + 2% D20 + 5 lbs/sk D53 + 5 lbs/sk D42 + 10% D44 (BWOW) + 0.5% D60

Density:	10.0	lb/gal	*Thickening Time:*		
Yield:	7	ft³/sk			
H2O Mix:	24	gal/sk			
H2O:	720	gal	*Eq. Sack Weight:*	86.5	lb
			Total Blend:	30	sacks

Dowell Code	Conc/ Amount		Total Quantity
D044	10	% BWOW	600.48
D046	0.3	% BWOB	7.785
D909	47	lbs/sk	1410
D132	39.5	lbs/sk	1185
D053	5	lbs/sk	150
D060	0.5	% BWOB	12.975
D020	2	% BWOB	51.9

rat&mouse

25 Sks Class H + 50/50 lite Poz + 2% D20+5 lbs/sk D53+5 lbs/sk D42+10% D44 (BWOW)+0.5%D60

Density:	13.8	lb/gal	*Thickening Time:*		
Yield:	1.6	ft³/sk			
H2O Mix:	7.6	gal/sk			
H2O:	190	gal	*Eq. Sack Weight:*	86.5	lb
			Total Blend:	25	sacks

Dowell Code	Conc/ Amount		Total Quantity
D132	39.5	lbs/sk	987.5
D909	47	lbs/sk	1175
D053	5	lbs/sk	125
D042	5	lbs/sk	125
D060	0.5	% BWOB	10.8125
D044	10	% BWOW	158.46
D020	2	% BWOB	43.25
D046	0.3	% BWOB	6.4875

Spacer

7 BBLS 2% KCL

Density:		lb/gal	*Thickening Time:*		
Yield:		ft³/sk			
H2O Mix:	0	gal/sk			
H2O:	294	gal	*Eq. Sack Weight:*	0	lb
			Total Blend:	0	sacks

Dowell Code	Conc/ Amount		Total Quantity
M117	50	lbs	50
H2O	294	gal	294

Tail

245 Sks Class H + 50/50 LitePoz + 2% D20+5 lbs/sk D53 + 5 lbs/sk D42+10% D44 (BWOW)+0.5% D60

Density:	13.8	lb/gal	*Thickening Time:*		
Yield:	1.6	ft³/sk			
H2O Mix:	7.6	gal/sk			
H2O:	1862	gal	*Eq. Sack Weight:*	86.5	lb
			Total Blend:	245	sacks

Dowell Code	Conc/ Amount		Total Quantity
D053	5	lbs/sk	1225
D042	5	lbs/sk	1225
D909	47	lbs/sk	11515
D020	2	% BWOB	423.85
D060	0.5	% BWOB	105.9625
D132	39.5	lbs/sk	9677.5
D046	0.3	% BWOB	63.5775
D044	10	% BWOW	1552.908

Schlumberger

Cement Job Report

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CemCAT v1.0

Well	Illinois A-1	**Client**	Oxy USA Inc.
Field		**SIR No.**	
Engineer	Jose Camargo	**Job Type**	long string
Country	United States	**Job Date**	02-02-2002

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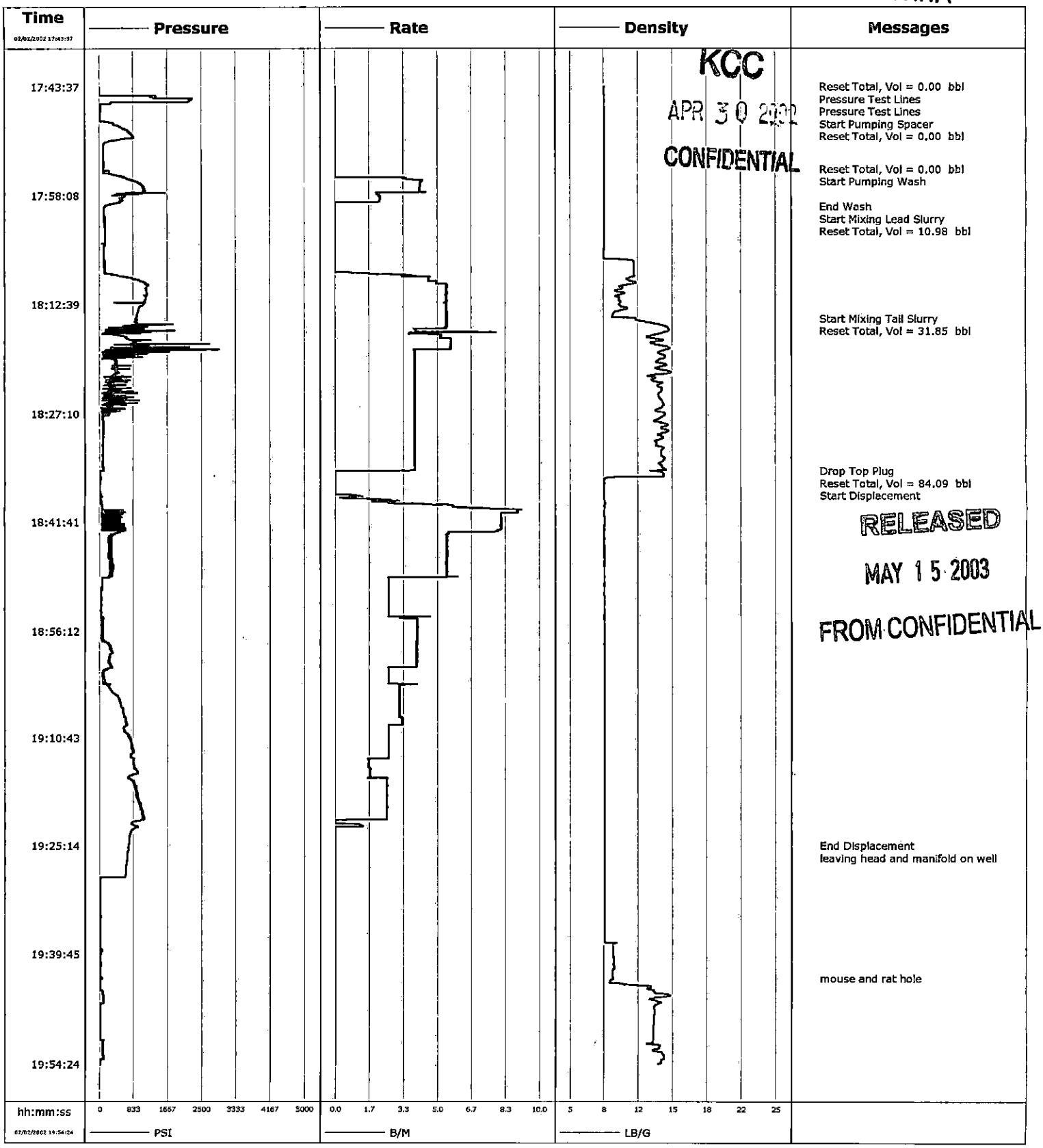

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ALLIED CEMENTING CO., INC.

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CEMENTING LOG

STAGE NO.

ORIGINAL

Date 1-12-02 District Med-Lodge Ticket No. 08936
Company Oxy USA Rig Abercrombie
Lease Illanos Well No. A-1
County Stevens State Ks
Location [illegible]
Field

CASING DATA: PTA ☐ Squeeze ☐
Surface ☑ Intermediate ☐ Production ☐ Liner ☐
Size Type Weight Collar

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Casing Depths: Top KB Bottom 1705

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Drill Pipe: Size 4½ Weight 16.60 Collars
Open Hole: Size T.D. ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0632 Lin. ft./Bbl. 15.70
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.60
Bbls/Lin. ft. Lin. ft./Bbl.
Perforations: From ft. to ft. Amt.

COMPANY REPRESENTATIVE

CEMENT DATA:
Spacer Type:
Amt. Sks Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type [illegible]
1/4# flo-seal Excess
Amt. 500 Sks Yield 1.93 ft³/sk Density 12.4 PPG

TAIL: Pump Time hrs. Type Class C [illegible]
1/4# flo-seal Excess
Amt. 150 Sks Yield 1.32 ft³/sk Density 14.8 PPG

WATER: Lead 10.9 gals/sk Tail 6.3 gals/sk Total Bbls.

Pump Trucks Used [illegible]
Bulk Equip. [illegible]

Float Equip: Manufacturer Cemco
Shoe: Type [illegible] Depth 1704
Float: Type [illegible] Depth 1660.94
Centralizers: Quantity 5 Plugs Top Rubber Btm.
Stage Collars
Special Equip. 1 Basket
Disp. Fluid Type Fresh water Amt. 105½ Bbls. Weight 8.34 PPG
Mud Type Weight PPG

CEMENTER [illegible]

TIME AM/PM	PRESSURES PSI: DRILL PIPE CASING	ANNULUS	FLUID PUMPED DATA: TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
9:00						on Loc + Rig Up
						Run Casing
1:25						Drop ball + break circulation
						Circulate for 25 minutes
1:50	300		5	5	5	Pump 5 bbl fresh water
	300		180	175	5½	Mix + pump 500 sx lead cement
2:20	200		215	35	5½	+ 150 sx tail cement
2:28	—					cement in stop pumps
2:30	—					switch valves + Release plug
	200		300	85	5	start Displacement
	500		320½	20½	3	Slow Rate
2:50	1000		(105½ total)			Displacement in Bump plug
	—					Release pressure + float Held
						Circulate 125 sx to pit

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FINAL DISP. PRESS. 500 PSI BUMP PLUG TO 1000 PSI BLEEDBACK ½ BBLS.

THANK YOU

Taylor Printing, Inc., Pratt, KS