Kansas Corporation Commission
One Point Stabilized Open Flow or Deliverability Test

Form G 2
(Rev. 7/03)

(See Instructions on Reverse Side)

Type Test:
☑ Open Flow
☐ Deliverability

Test Date: **06/19/2012** API No. **15129219390000**

Company	Lease	Well Number
OXY USA Inc	**STANFORD A 3**	

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Morton	**2235' FSL & 1400' FWL**	**26**	**34S**	**41W**	**640**

Field	Reservoir	Gas Gathering Connection
WILBURTON	**Morrow**	**Oneok**

Completion Date	Plug Back Total Depth	Packer Set at
06/08/2012	**5,750'**	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5 1/2"	**17.0#**	**4.892"**	**6,418'**	**5,647'**	**5,666'**

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 3/8"	**4.7#**	**1.995"**	**3,656'**		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
SINGLE-GAS	**WATER/OIL**	☐ Yes ☑ No

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity Gg
Annulus	**0.231%**	**23.186%**	**0.704**

Vertical Depth (H)	Pressure Taps	(Meter Run) (Prover) Size
5,657'	**Flange**	**3.068"**

Pressure Buildup: Shut in **06/15** 20 **12** at **9:00** ☑ AM ☐ PM Taken **06/18** 20 **12** at **9:00** ☑ AM ☐ PM

Well on Line: Started **06/18** 20 **12** at **9:00** ☑ AM ☐ PM Taken **06/19** 20 **12** at **9:00** ☑ AM ☐ PM

OBSERVED SURFACE DATA

Duration of Shut in **72** Hours

Static / Dynamic Property	Orifice Size (inches)	*Circle one: Meter Prover Pressure* psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing psia	Duration (Hours)	Liquid Produced (Barrels)
Shut In						**543.7**	**558.1**		**0**	**72**	**0**
Flow	**2.250**	**8.9**	**22.4**	**71**	**75**	**292.6**	**307.0**		**0.0**	**24**	**0**

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	*Circle one: Meter or Prover Pressure* psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F_g	Flowing Temperature Factor F_t	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/Barrel)	Flowing Fluid Gravity G_m
29.5200	**23.3**	**22.85**	**1.1918**	**0.9896**	**1.0015**	**797**	**None**	**0.717**

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)^2 = **311.5** : (P_w)^2 = **94.2** : P_d = ____ % (Pc 14.4) + 14.4 = ____ : (P_a)^2 = **0.207** (P_d)^2 = **0**

(Pc)2 (Pa)2 or (Pc)2 (Pd)2	(Pc)2 (Pw)2	Choose Formula 1 or 2: 1. Pc2 Pa2 2. Pc2 Pd2 divided by: Pc2 Pw2	LOG of formula 1. or 2. *and divide by:* [Pc2 Pw2]	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
311.3	**217.3**	**1.4327**	**0.1562**	**1.0000**	**0.1562**	**1.4328**	**1142**

Open Flow **1,142** Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the **5** day of **July** **2012**.

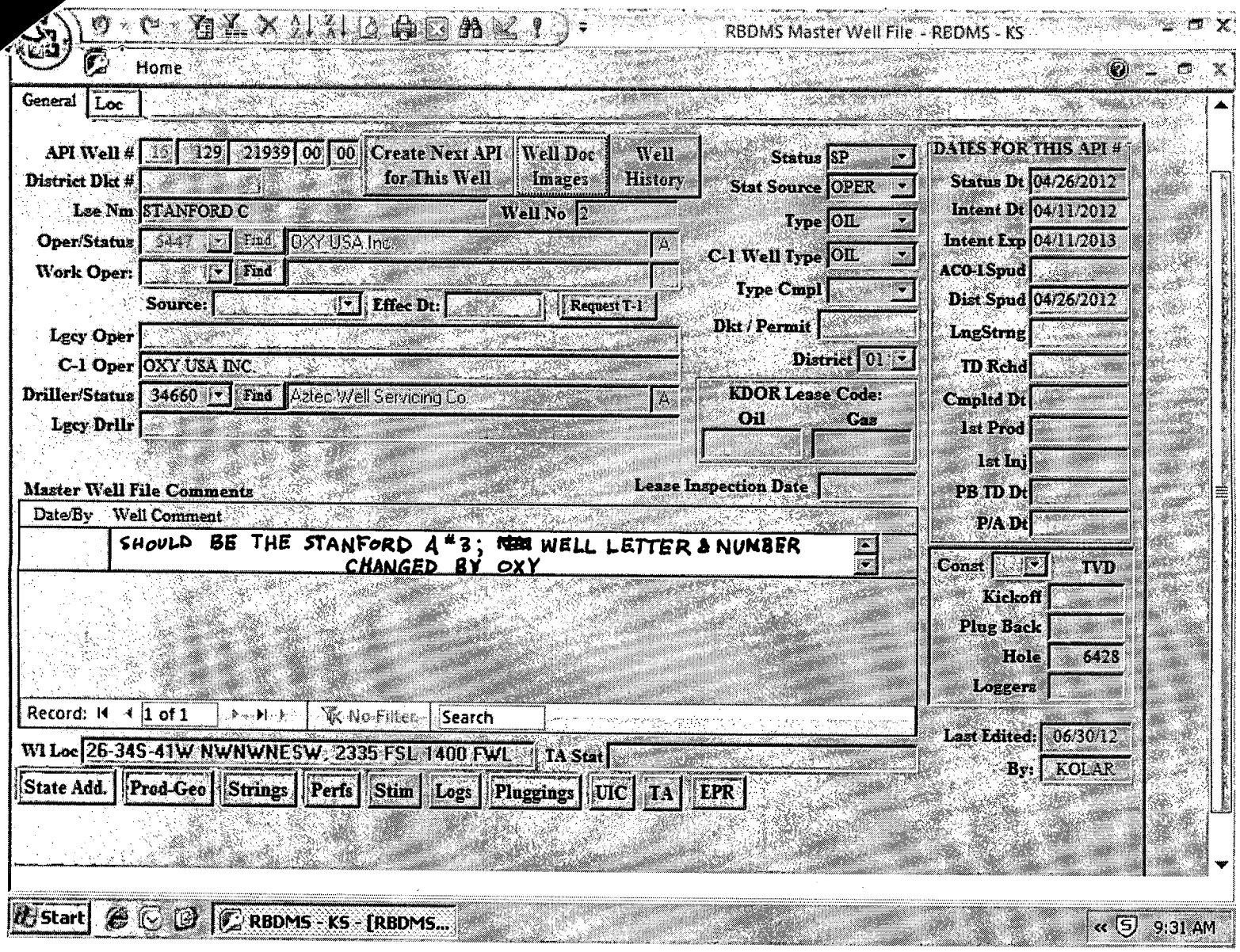
Witness

For Commission

OXY USA INC
For Company

David Ogden - OXY USA Inc
Checked by

RECEIVED
JUL 12 2012
KCC WICHITA


RBDMS Master Well File - RBDMS - KS
Home
General
Loc
API Well # 15 129 21939 00 00
Create Next API for This Well
Well Doc Images
Well History
District Dkt #
Lse Nm STANFORD C
Well No 2
Oper/Status 5447 Find OXY USA Inc A
Work Oper: Find
Source: Effec Dt: Request T-1
Lgcy Oper
C-1 Oper OXY USA INC
Driller/Status 34660 Find Aztec Well Servicing Co A
Lgcy Drllr
Status SP
Stat Source OPER
Type OIL
C-1 Well Type OIL
Type Cmpl
Dkt / Permit
District 01
KDOR Lease Code:
Oil Gas
Lease Inspection Date
DATES FOR THIS API #
Status Dt 04/26/2012
Intent Dt 04/11/2012
Intent Exp 04/11/2013
ACO-1 Spud
Dist Spud 04/26/2012
LngStrng
TD Rchd
Cmpltd Dt
1st Prod
1st Inj
PB TD Dt
P/A Dt
Const TVD
Kickoff
Plug Back
Hole 6428
Loggers
Master Well File Comments
Date/By Well Comment
SHOULD BE THE STANFORD A "3; [redacted] WELL LETTER & NUMBER CHANGED BY OXY
Record: 1 of 1 No Filter Search
Last Edited: 06/30/12
By: KOLAR
Wl Loc 26-34S-41W NWNWNESW; 2335 FSL 1400 FWL
TA Stat
State Add.
Prod-Geo
Strings
Perfs
Stim
Logs
Pluggings
UIC
TA
EPR
Start
RBDMS - KS - [RBDMS...
9:31 AM

OXY USA Inc.
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521
P.O. Box 27570, Houston, Texas 77227-7570

David Ogden
Mid-Continent Business Unit

Phone: 713-350-4781
Fax: 713-350-4873

July 5, 2012

Jim Hemmen
Finney State Office Building
130 S. Market, Room 2078
Wichita, KS 67202-3802

Dear Mr. Hemmen:

I am sending the test for the well below. Enclosed, the One Point Stabilized Open Flow/Deliverability Tests and a Multipoint Back Pressure Test data for the following newly completed well:

Stanford A-3

Section 26-T34S-R41W

The Stanford A-3 was completed into the Morrow zone.

If you have any questions or concerns please contact me.

Regards,

David Ogden
Gas Business Coordinator

Enclosures: 2012 Form G-2
2012 Form CG-1
Gas Analysis

Cc: Well Test File

5 GREENWAY PLAZA, SUITE 110
HOUSTON, TX 77227-7570

State of Kansas - Corporation Commission
Multipoint Back Pressure Test

Form CG-1
(Rev. 10/96)

Type Test: ☑ Initial ☐ Annual ☐ Special Test Date: **06/19/2012**

Company	Lease	Well Number
OXY USA Inc	**STANFORD A 3**	

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Morton	**2235' FSL & 1400' FWL**	**26**	**34S**	**41W**	**640**

API No.	Reservoir	Pipeline Connection
15129219390000	**Morrow**	**Oneok**

Completion Date	Plug Back Total Depth	Packer Set at
06/08/2012	**5,750'**	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5 1/2"	**17.0#**	**4.892"**	**6,418'**	**5,647'**	**5,666'**

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 3/8"	**4.7#**	**1.995"**	**3,656'**		

Type Completion (Describe)	Type Fluid Production
SINGLE-GAS	**WATER/OiL**

Producing Thru (Annulus / Tubing)	Reservoir Temperature °F	BAR PRESS -P_a
Annulus	**137**	**14.4 Psia**

Gas Gravity - G_g	% Carbon Dioxide	% Nitrogen
0.704	**0.231%**	**23.186%**

Vertical Depth (H)	Type Meter Connection	(Meter Run) (Prover) Size
5,657'	**Flange**	**3.068"**

OBSERVED DATA Duration of Shut-in **72** Hours

Rate No	Orifice Size (inches)	Circle One: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In					**75**	**543.7**	**558.1**	**0.0**	**0.0**	**72**	
1	**2.250**	**0**	**3.3**	**76**	**75**	**372.9**	**387.3**	**0.0**	**0.0**	**1**	**0**
2	**2.250**	**2.3**	**9**	**80**	**75**	**342.8**	**357.2**	**0.0**	**0.0**	**1**	**0**
3	**2.250**	**4.7**	**13.5**	**83**	**75**	**312.8**	**327.2**	**0.0**	**0.0**	**1**	**0**
4	**2.250**	**8**	**19.9**	**71**	**75**	**272.7**	**287.1**	**0.0**	**0.0**	**1**	**0**
5											

RATE OF FLOW CALCULATIONS

Rate No	Plate Coefficient (F_b) (F_p) Mcfd	Circle One: Meter Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F_g	Flowing Temperature Factor F_{ft}	Deviation Factor F_{pv}	Rate of Flow Q Mcfd	GOR (Cubic Feet/Barrel)	Flowing Fluid Gravity G_m
1	**29.52**	**14.4**	**6.89**	**1.1918**	**0.985**	**1.001**	**239**		**0.704**
2	**29.52**	**16.7**	**12.26**	**1.1918**	**0.9813**	**1.001**	**424**		**0.704**
3	**29.52**	**19.1**	**16.06**	**1.1918**	**0.9786**	**1.001**	**554**		**0.704**
4	**29.52**	**22.4**	**21.11**	**1.1918**	**0.9896**	**1.001**	**736**		**0.704**
5									

PRESSURE CALCULATIONS

Rate No	P_t Psia	P_c Psia	P_w Psia	$(P_c)^2$ Thousands	$(P_w)^2$ Thousands	Plotting Points $(P_c)^2 - (P_w)^2$ Thousands	Plotting Points Q Mcfd	% Shut-In $100 \frac{(Pw - Pa)}{(P_c - P_a)}$
1		**558.1**	**387.3**	**311.5**	**150.0**	**161.5**	**239**	**68.6%**
2		**558.1**	**357.2**	**311.5**	**127.6**	**183.9**	**424**	**63.0%**
3		**558.1**	**327.2**	**311.5**	**107.1**	**204.4**	**554**	**57.5%**
4		**558.1**	**287.1**	**311.5**	**82.4**	**229.0**	**736**	**50.2%**
5								

Indicated Wellhead Open Flow **1,255** Mcfd @ 14.65 psia "n" = **2.526**

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the **5** day of **July** **2012**

Witness (If any)

OXY USA INC.
For Company

For Commission

David Ogden - OXY USA Inc
Checked by

RECEIVED
JUL 12 2012
KCC WICHITA

STANFORD A 3 Section 26, T34S, R41W Morton County, Kansas