

ORIGINAL

Kansas Corporation Commission Oil & Gas Conservation Division

OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM WELL HISTORY – DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999

/	Form Must Be Typed
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90	U U

cc Jim H.

Operator: License #5447	API No. 15 - <u>067-20209-0001</u>				
Name: OXY USA Inc.	County: Grant				
Address: P.O. Box 2528	- <u>W2</u> - <u>E/2</u> - <u>NW</u> Sec <u>19</u> Twp. <u>28</u> S. R <u>36W</u>				
City/State/Zip: Liberal, KS 67905	1320 feet from S (circle one) Line of Section				
Purchaser:Duke	1495feet from E ((circle one) Line of Section				
Operator Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: (620) 629-4200	(circle one) NE SE (W) SW				
Contractor: Name: Best Well Service	Lease Name:Spikes Well #:2				
License: 32564 N/A	Field Name: Panoma				
Wellsite Geologist: N/A	Producing Formation: Chase/Council Grove				
Designate Type of Completion:	Elevation: Ground: 3058 Kelly Bushing: 3065				
New Well Re-EntryX Workover	Total Depth: 2890 Plug Back Total Depth: 2859				
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at644feet				
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes⊠ No				
Dry Other (Core, WSW, Expl, Cathodic, etc)	If yes, show depth set				
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from				
Operator: OXY USA, Inc.	feet depth tow/sx cmt.				
Well Name:					
	Drilling Fluid Management Plan				
Original Comp. Date: <u>09/27/1972</u> Original Total Depth: <u>2890</u>	I .a. 1				
Deepening X Re-perf Conv. To Enhr./SWD	Chloride content ppm Fluid volume bbls Dewatering method used				
Plug Back Plug Back Total Depth	Dewatering method used				
Commingled Docket No	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No	Operator Name:				
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:				
03/10/2008 08/13/1972 03/26/2008	Quarter Sec Twp,S. R East 🛭 West				
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:				
INSTRUCTIONS: An original an two copies of this form shall be filed with the Kansas 6702, within 120 days of the spud date, recompletion, workover or conformation of side two of this form will be held confidential for a period of 12 r 107 for confidentiality in excess of 12 months). One copy of all wireline logs a CEMENTINGTICKETS MUST BE ATTACHED. Submit CP-4 form with all plu	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-				
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.	VCC 0#: H 0 -1				
Signature:	KCC Office Use Only				
Title: Capital Assets Date May 28, 2008	Letter of Confidentiality Attached				
	If Denied, Yes Date:				
Subscribed and sworn to before me this day of May					
20 08	Wireline Log Received				
Notary Public: Chruta Poto 1000	Geologist Report Received				
Date Commission Expires: Oct. 1 2009	UIC Distribution RECEIVED KANSAS CORPORATION COMMISSIO				

Side Two

Operator Name:	OX	Y USA Inc) <u>. </u>		Lease Nam	ie: Spik	es A	Well #:	2	
Sec19	Twp. <u>28</u> S.	R. <u>36W</u>	_ 🗆 :	East 🗌 Wes	t County: _		Grant			
time tool open and fluid recovery, and	ow important tops a d closed, flowing an d flow rates if gas to veyed. Attach final	d shut-in p surface t	oressures, est, along	, whether shut- with final char	in pressure read	ched static level.	hydrostatic p	ressures, bottom	hole temperature	
Drill Stem Tests To		☐ Yes	⊠ No		□ Log	Formation (To	p), Depth and	Datum	☐ Sample	
Samples Sent to Geological Survey Yes No				Name			Тор	Datum		
Cores Taken										
Electric Log Run		Yes	— ⊠ No							
(Submit Copy) List All E. Logs Ru	in:									
		Repo	rt all strings		surface, intermedia	Used	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
Purpose of String	Size Hole Drilled	Size C Set(in.		Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used		nd Percent Iditives	
Conductor						С				
Surface	12 1/4	8 5/8		21	644	С	250 100	POZ "A" Common w/3% CaCl		
Production	7 7/8	5 1/2		17	2889	С	325 200	Howco Lite		
		,	ADDITIO	NAL CEMENT	ING / SQUEEZE	- DECORD	200	Poz "A" + additiv	es	
Purpose:	Depth	Tv	pe of	TAL CLIVILITY	- GUEEZI	- HECOND		CONFIDE	MAL	
Perforate	Top Bottom		ment	#Sacks Use	୍ର ଓ ୬୪ ଜ ଜ ଉପର				2008	
Protect Casing Plug Back TD	-	•			_			1/4/1/4/1 R	9 6000	
Plug off Zone	<u>-</u>					,		<u> </u>	;C	
Shots Per Foot	PERFORATION	RECORD	– Bridge Pl	ugs Set/type		Acid, Fractur	e, Shot, Cemen	t Squeeze Record		
8	Specify Foot 2406-2411,				Frac: 3186	(Amount and Kind of Material Used) Depth Frac: 3186 bbls 75Q X-Link w/75% N2 Foam;				
3		2498-2512				279,099# 16/30 Sand				
2	. 2550-2	578 & 260	7-2629 (N	lew)	,				<u> </u>	
4	2658-2	2663 & 269	2-2696 (N	ew)						
2	2742-47, 2751-58, 2763-65, 2772-76, 2782-90, 2806-14 (Old)				1 .					
UBING RECORD	Size Set At Packer At 2 3/8 2820			Liner Run						
ate of First, Resume	d Production, SWD or		Producing		lowing 🛭 Pur	Yes	as Lift \(\bigcap 0	Show (Francis)		
stimated Production	Oil BBLS			Gas Mcf		er Bbls		ther <i>(Explain)</i> il Ratio	Gravity	
Per 24 Hours	0		148			6			Ciavity	
isposition of Gas		ME	THOD O	F COMPLETION	· · · · · · · · · · · · · · · · · · ·		Produc	tion Interval		
_	⊠ Sold □ l			_	Hole 🛛 Per	f. Dually C	_	ommingled		
	ted, Submit ACO-1		=	_		Dualiy C		PCE	CEIVED	
			-	_	(Specify)			PCE	PORATION COMM	

JUN 0 2 2008