

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

API NO 189-21195-0001

County STEVENS

 NW NE Sec. 26 Twp. 34S Rge. 35W

330 Feet from the North Line of the Section

2310 Feet from the East Line of the Section

Footages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)

Lease Name WINTER A Well # 2

Field Name KANSAS HUGOTON

Producing Formation CHASE

Elevation: Ground: 2964 KB 2975

Total Depth 6800 PBDT 6390

Amount of Surface Pipe Set and Cemented at 1671' Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 3309 Feet

If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls

Dewatering method used NA

Location of fluid disposal if hauled offsite:
NA

Operator Name NA

Lease Name NA License No. NA

Quarter Sec. Twp. S Rng. W

County Docket No.

RECEIVED
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
FEB - 4 2000

Operator: License # 5447

Name: OXY USA, Inc.

Address P.O. Box 2528

City/State/Zip Liberal, KS 67985

Purchaser: DUKE

Operator Contact Person: KENNY L. ANDREWS

Phone (316) 629-4232

Contractor: Name: BORDERLINE (COMPLETION)

License:

Wellsite Geologist:

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
 Operator: OXY USA, Inc.
 Well Name: WINTER A #2
 Comp. Date 11/11/99 Old Total Depth 6800'
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 6390 PBDT
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

WO 11/1/99 11/02/99 11/11/99
 Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, 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 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 geologist well report 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.

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 *Kenny Andrews*

Title ENGINEERING TECHNICIAN Date 2-1-00

Subscribed and sworn to before me this 1st day of February, 2000

Notary Public Anita Peterson

Date Commission Expires Oct. 1, 2001

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

NOTARY PUBLIC, State of Kansas
 ANITA PETERSON
 My Appt. Exp. Oct. 1, 2001 AP

Operator Name OXY USA, Inc.

Lease Name WINTER A Well # 2

Sec. 26 Twp. 34S Rge. 35W

County STEVENS

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 Take: Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:
BHC SONICW/GR & CAL CBL W/ GR & CCL
PET W/ GR & CCL

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CIMARRON ANHY	0	1672
SHALE	1672	1850
LIME	1850	6800
	TD	6800
	PBTD	6738

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	1671	C	625	6% GEL, 2% CaCl ₂
Intermediate					C		
Production	7-7/8"	5-1/2"	15.5	6799	C	860	6% GEL, 12% CaCl ₂
			14.0		C	660	2% GEL, 2% CaCl ₂

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top - Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Perforate Protect Casing XXX Plug Back TD Plug Off Zone	6376' - 6390'	CLASS C	2	3% CaCl ₂ +

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
	10,000# CIBP SET AT 6390' W/ 2 SX CMT		6390'
2	2719'-22, 2690'-94, 2656'-70	1500 GALS 15%, 17,924 GALS GEL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	7-3/8"	2820		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 12/19/99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	136	12	NA	

Disposition of Gas: _____ METHOD OF COMPLETION _____ Production Interval 2656-2722

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, submit ACO-18.) Other (Specify) _____