

ORIGINAL

CONFIDENTIAL

RELEASED

SIDE ONE

DEC 1 1 1989

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

APR 25 1989

15-129-21015-0000

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 26100

Oklahoma City, Ok 73126-0100

City/State/Zip _____

Purchaser: Permian

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Zenith Drilling Company

License: _____

Wellsite Geologist: Andy Howell

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp. Abd.
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply)

If **OWMO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

9/3/1989 9/15/1989 11/2/1989

Spud Date Date Reached TD Completion Date

County Morton FROM CONFIDENTIAL
CSW/4 SE/4 NE/4 Sec. 4 Twp. 32S Rge. 39 East West

2970 Ft. North from Southeast Corner of Section

990 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Dunigan A Well # 2

Field Name East Kinsler

Producing Formation Morrow

Elevation: Ground 3231' KB 3242'

Total Depth 6025' PBDT 5964'

RECEIVED

STATE CORPORATION COMMISSION

NOV 27 1989

CONSERVATION DIVISION

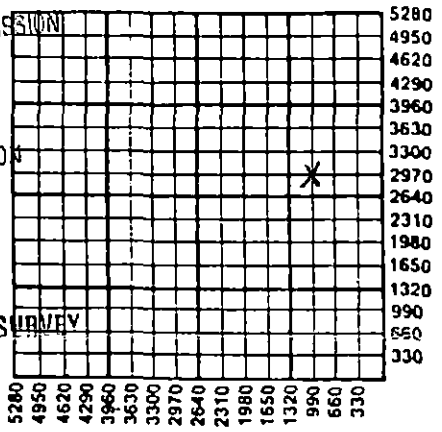
Wichita, Kansas

KANSAS GEOLOGICAL SURVEY

Wichita, Kansas

Wichita, Kansas

Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 1723' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV Tool at 3113' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Bryan Humphries
Title Engineering Manager Date 11/21/1989

Subscribed and sworn to before me this 21st day of November, 19 89.

Notary Public Nancy C. Hauer

Date Commission Expires 8-8-91

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

ORIGINAL

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SIDE TWO

Operator Name OXY USA Inc. Lease Name Dunigan A Well # 2
 Sec. 4 Twp. 32 Rge. 39 East County Morton
 West

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 Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 Recovered 47' of core: 5500-5525 Black & grey shale; 5525-5534, med. grain sand; 5534-5547 black to grey shale.
 Recovered 55' of core: 5856-5893 sand; 5893-5911 shale.

Formation Description

Log Sample

Name	Top	Bottom
Sand & Red Bed	0	550
Anhydrite	555	1724
Sand & Red Bed	1724	2380
Lime & Shale	2380	5270
Shale	5270	6025

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 pipe	30"	20"		40'	Redi-mix	6sx	
Surface	12 1/2"	8 5/8"	24#	1723'	Class C	6/5'	6% gel; 2% cacl
Production	7 7/8"	5 1/2"	14 & 15.5#	6024'	*Please refer to production casing information listed below.		

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Morrow L-1 from 5518-5522'.	1000 gal. OSA containing 855 gal. diesel, 45 gal. acid.	5518-5522'
		Frac'd w/12000 gal. MY-T-01 II.	

TUBING RECORD Size 2 3/8" Set At 5543' Packer At _____ Liner Run Yes No

Date of First Production 10/15/89 Producing Method Flowing Pumping Gas Lift Other (Explain) _____
 Estimated Production Per 24 Hours: Oil 92 Bbls. Gas 47 Mcf Water 17 Bbls. Gas-Oil Ratio --- Gravity ---

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perforation Dually Completed Commingled
 METHOD OF COMPLETION Other (Specify) _____ Production Interval 5518-5522'

*Production Casing Info: Cemented 1st stage w/500 gal. mud flush, followed by 265 sx 65/35 Class H Poz. containing 6% total gel, followed by 300 sx 50/50 Class H Poz. containing 2% total gel. Cemented 2nd stage w/500 gal. mud flush followed by 425 sx 65/35 Class C Poz. containing 6% total gel. TOC at 1st stage: 3650; 2nd stage 1550'