

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

Operator: License # 5447  
Name OXY USA Inc  
Address P.O. Box 26100  
Oklahoma City, OK 73126-0100  
City/State/Zip

Purchaser PEPL

Operator Contact Person Raymond Hui  
Phone (405) 749-2471

Contractor: License # 3098  
Name Exeter Drilling Company

Wellsite Geologist Andrew Howell  
Phone (405) 749-2000

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
If ONNO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

11-22-1988 12-3-88 3-22-1989  
Spud Date Date Reached TD Completion Date

5827' 5752'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1796' feet  
Multiple Stage Cementing Collar used?  Yes  No  
If yes, show depth set DV tool at 3083' feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

API NO. 15-067-20841  
County Grant  
C-NW/4 SE/4 Sec 19 Twp 28S Rge 36 East  
West

1980 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

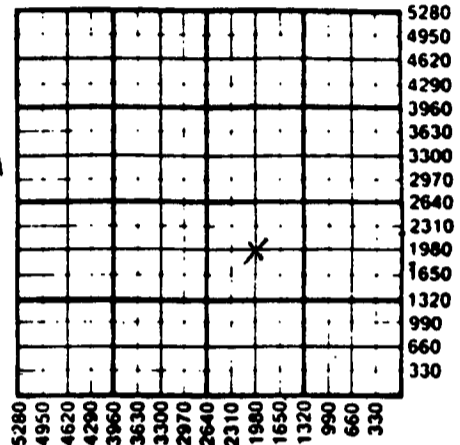
Lease Name Spikes B Well # 2

Field Name Railroad Bend

Producing Formation Morrow

Elevation: Ground 3055' KB 3066'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
APR 5 1989  
04-05-89  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T88-278

Groundwater 635 Ft North from Southeast Corner  
(Well) 365 Ft West from Southeast Corner of  
Sec 19 Twp 28S Rge 36 East  West

Surface Water...Ft North from Southeast Corner  
(Stream, pond etc)...Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

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. 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 Bryan Humphries

Title Engineering Manager Date 4-3-1989

Subscribed and sworn to before me this 3rd day of April 1989

Notary Public Marsha G. Wilson

Date Commission Expires 4-1-92

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
4-5-89

Sec 19 Twp 28 Rge 36 W

SIDE TWO

Operator Name .... OXY. USA. Inc. .... Lease Name.... Spikes. B. .... Well #.....

Sec..... 19..... Twp.. 28S..... Rge.. 36.....  East  West County..... Grant.....

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Ran BHC Sonic w/GR & Caliper Log from 1772' to surface. Ran compensated Neutron-Litho w/GR & Caliper & Micro from 5814-1795'. Ran Structural Dipmeter from 5350-5150' & Strat. Dipmeter from 5814-4814'.

Name	Top	Bottom
Anhydrite	0	1797
Shale	1797	2581
Lime & Shale	2581	4320
Lime	4320	4945
Lime & Shale	4945	5310
Lime	5310	5545
Lime & Shale	5545	5827

Cementing Information for Surface Csg.

Cemented 1st stage w/300 sx 65/35 Cl H poz. w/6% total gel. & 1/4#/sx D-29, followed by 325 sx Cl H poz. w/2% total gel, 12% salt, 1/2% D-60, 2% CaCl<sub>2</sub>. Cemented 2nd stage as follows: 300 sx 65/35 Cl C w/6% total gel +1/4# sx D-29 followed by 580 sx Cl C w/2% total gel, 5#/sx D-53, 0.4% D-59; 2% CaCl<sub>2</sub>.

TD 5827  
 PBDT 5752

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"		45'	Bedmix	4 yds	
Surface	12-1/4"	8-5/8"	24#	1796'	Cl C	550	6% total gel
Production	7-7/8"	5-1/2"	15.5#	5826'	*PLS refer to cmtg. info. listed above.		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
4	Morrow 5241-5245'			NONE			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2-3/8"		5245'					
Date of First Production		Producing Method					
2-18-1989		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
37 Bbls		CAOF	12379 MCF	0 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) .....

Morrow 5241-5245'

Dually Completed  Commingled