

ORIGINAL

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ORIGINAL

9/12/90
RELEASED

SIDE ONE

OCT 11 1990

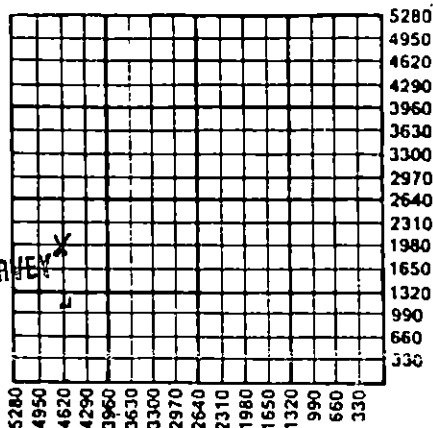
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5447
Name: OXY USA Inc.
Address P. O. Box 26100
Oklahoma City, Ok 73126-0100
City/State/Zip _____
Purchaser: Panhandle Eastern
Operator Contact Person: Raymond Hui
Phone (405) 749-2471
Contractor: Name: Exeter Drilling Co.
License: ----
Wellsite Geologist: Craig Corbett

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

If **OWO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
7-2-1989 7-13-1989 8-22-1989
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21353-0000
County Stevens FROM CONFIDENTIAL
CNW/4 SW/4 Sec. 3 Twp. 32S Rge. 39 East West
1980 Ft. North from Southeast Corner of Section
4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Gillespie A Well # 1
Field Name Wildcat
Producing Formation Morrow S-4
Elevation: Ground 3226 KB 3237
Total Depth 6270' PBDT 6148'



SEP 14 1989
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Amount of Surface Pipe Set and Cemented at 1716' KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set DV Tool at 3096' 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 9-8-1989
Subscribed and sworn to before me this 8th day of September, 1989.
Notary Public Marsha R. Wilson
Date Commission Expires 4-1-92

RECEIVED 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)

*Prod. Casing Cementing Info.: Cmtd. 1st stage w/500 gal. mud flush followed by 440 sx 65/35 C1 H Poz. containing 6% gel and 1/4# Flo., followed by 440 sx 50/50 C1 H Poz containing 2% gel, 12% salt. Cmtd 2nd stage w/500 gal mud flush followed by 550 sx 65/35 C1 C Poz containing 6% gel & 1/4#/sx Flo.

SIDE TWO

Operator Name OXY USA Inc. Lease Name Gillespie A Well # 1
 County Stevens **RELEASED**
 Sec. 3 Twp. 32S Rge. 39 East West
 OCT 11 1990

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 at any 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Red Bed & Anhy.</td> <td>0</td> <td>1490</td> </tr> <tr> <td>Cim. & Anhy.</td> <td>1490</td> <td>1770</td> </tr> <tr> <td>Shale</td> <td>1770</td> <td>2947</td> </tr> <tr> <td>Lime & Shale</td> <td>2947</td> <td>3700</td> </tr> <tr> <td>Lime</td> <td>3700</td> <td>4420</td> </tr> <tr> <td>Lime & Shale</td> <td>4420</td> <td>4920</td> </tr> <tr> <td>Lime</td> <td>4920</td> <td>5405</td> </tr> <tr> <td>Shale</td> <td>5405</td> <td>5816</td> </tr> <tr> <td>Lime</td> <td>5816</td> <td>6270</td> </tr> </tbody> </table>	Name	Top	Bottom	Red Bed & Anhy.	0	1490	Cim. & Anhy.	1490	1770	Shale	1770	2947	Lime & Shale	2947	3700	Lime	3700	4420	Lime & Shale	4420	4920	Lime	4920	5405	Shale	5405	5816	Lime	5816	6270
Name	Top		Bottom																													
Red Bed & Anhy.	0		1490																													
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Lime	4920	5405																														
Shale	5405	5816																														
Lime	5816	6270																														
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															

Ran BHC Sonic w/GR from STD to surface. Ran CBL/GR/CCL from 6212' to 1680'. Ran PET/GR/CCL from 6214' to 2440'.

CASING RECORD New Used TD 6270 PBDT 6148
 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	4 yds	
Surface	12-1/4"	8-5/8"	24#	1716' KB	CL C	650 sx	6% gel; 2% CaCl
Production	7-7/8"	5-1/2"	14#	6256'	*Please refer to prod. csq. info listed above.		

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Morrow S-4 5810-5850' (40'; 160 holes)	3000 gals 15% HCL acid; Frac'd 57,940 gals of CO2 foam	
4	*St. Louis 6209-6212'	600 gals of 15% HCL	

TUBING RECORD Size 2-3/8" Set At 5819' Packer At 5819' Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		1051			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled other (Specify) _____

Production Interval 5810-5850'

**Set Baker Model "S" CIBP at 6162' KB; dumped 2 sx of cmt. on CIPB w/Bailey.

ORIGINAL

Gillespie A #1
SW/4 Sec. 3-32S-39W

RELEASED

OCT 23 1990

FROM CONFIDENTIAL

- Formation Tops

- (w) Finfield 2618'
- Heebner 3920'
- Lansing 4024'
- Marmaton 4692'
- Morrow 5404'
- TD 6270'
- PBTD 6148'

RECEIVED
STATE OF KANSAS
OCT 23 1990
CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

ORIGINAL

CONFIDENTIAL
SIDE ONE

2/27/91
RELEASED

MAR 04 1991

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION 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: Name: Zenith Drilling Company
License: _____
Wellsite Geologist: Andrew Howell

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

If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
12-4-1989 12-21-1989 2-11-1990
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21395 FROM CONFIDENTIAL

County Stevens
CSW NE/4 Sec. 3 Twp. 32S Rge. 39 East
3300 Ft. North from Southeast Corner of Section
1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

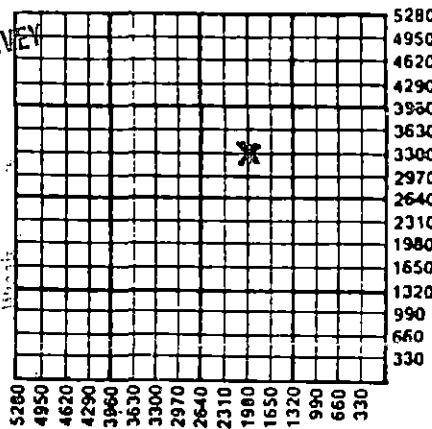
Lease Name Younggren A Well # 1
Field Name East Kinsler

Producing Formation Morrow S-4
Elevation: Ground 3220' KB 3231'
Total Depth 6250' PBTD 6055'

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

FEB 27 1990

MAR 07 1990



Amount of Surface Pipe Set and Cemented at 1706' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set DV Tool at 3099' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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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 Manager Engineering Date 2-26-1990

Subscribed and sworn to before me this 26th day of February,
19 90.

Notary Public Deborah Kay Mathes

Date Commission Expires 3/24/90

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)

SIDE TWO

Operator Name OXY USA Inc. Lease Name Younggren A Well # 1
 Sec. 3 Twp. 32S Rge. 39 East West
 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.

RELEASED

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.)

Ran Compensated Acoustic Velocity log from 1684-45'; Ran CBL, CET & Cement Scan Log from 6185' to 1650'.

Formation Description

MAR 0 4 1991

Log Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Red Bed	0	1050
Anhy.	1050	3057
Lm & Sh	3057	6250
.TD		6250
PBTD		6130

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"	22"		44'	Redi-mix	3.5yds	
Surface	12 1/4"	8 5/8"	24#	1706'	Cl.C	650sx	2%CaCl; 1/4#/sxflo
Production	7 7/8"	5 1/2"	15.5#; 14#	6249' *Pls			refer to dsq record listed below

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Morrow S-4 5763-5772' (9'; 36 holes)	3000 gals 70 quality 71/2% foamed acid	5763-72'
4	Morrow S-4 5822-5828' (6'; 24 holes)	Acidized w/2000 gals of 70 quality foamed acid	822-28'
		Frac'd w/30200 gal of 70 quality foam	

TUBING RECORD

Size _____ Set At _____ Packer At _____

Liner Run Yes No

Date of First Production 2-2-1990 Producing Method Flowing Pumping Gas Lift Other (Explain)
 (PC-Waiting for connection)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2	503 MCFPD	28		

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.) other (Specify) _____

*Production Casing Information: Cemented 1st stage w/500 gal of mud flush, 370' sx 65/35 Cl. H Poz. continuing 6% total gel; 430 sx 50/50 Cl.H Poz. containing 2% total gel and 12% salt. Cemented 2nd stage w/500 gal mud flush, followed by 503 sx 65/35 Cl.C Poz. containing 6% total gel and 1/4 #/sx flo. 5763-5828'

ORIGINAL

RELEASED

MAR 0 4 1991

FROM CONFIDENTIAL

Youngren A #1
CSW NE/4 Sec. 3-32S-39W

15-189-21,395

Formation

	Top	Bottom
BCA	1707	
Windfield	2482	
Council Grove	2732	
Heebner	3897	
Lansing	4012	
Marmaton	4660	
Morrow Shale	5396	
Morrow sd.	5790	5828
Chester	5872	
Ste Gen.	5982	
St. Louis	6074	

RECEIVED
STATE CORPORATION COMMISSION

FFR 28 1991

STATE CORPORATION COMMISSION
STATE OF KANSAS