

2/27/91
RELEASED

ORIGINAL CONFIDENTIAL

SIDE ONE

FEB 28 1991

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

API NO. 15- 185-22634-0000 FROM CONFIDENTIAL

County Stafford

CW/2 NW/4 Sec. 29 Twp. 21S Rge. 13 East West

3960 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Pundsack Unit Well # 413

Field Name Pundsack

Producing Formation Arbuckle

Elevation: Ground 1906' KB 1911'

Total Depth 3773' PBDT 3744'

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 26100

Oklahoma City, OK 73126-0100

City/State/Zip _____

Purchaser: CITGO

Operator Contact Person: Raymond Hui

Phone (405) 749-2471

Contractor: Name: Allen Drilling Company

License: _____

Wellsite Geologist: Paul Ramondetta

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: _____

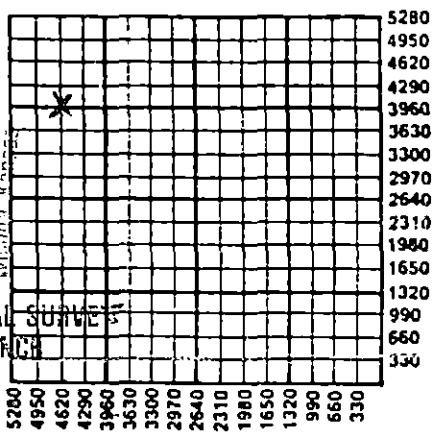
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

12-7-1989 12-13-1989 1-11-1990
Spud Date Date Reached TD Completion Date

MAR 07 1990
FEB 27 1990
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH



Amount of Surface Pipe Set and Cemented at 800' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ 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 Manager Engineering Date 2-21-1990

Subscribed and sworn to before me this 21st day of February, 1990.

Notary Public Deborah Kay Mathis

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)

91

SIDE TWO

Operator Name OXY USA Inc. Lease Name Pundsack Unit Well # 413
Sec. 29 Twp. 21S Rge. 13 East West
County Stafford

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 dual induction focused log gamma ray;
Compensated neutron/density & dielectoic.
Ran cement bond log w/Gr from 2500' to
3744'. TOC at 2606'.

Formation Description **FEB 2 8 1991**

Log Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Topeka	2950	
Heebner	3216	
Toronto	3235	
Lansing	3354	
Arbuckle	3706	
TD		3773
PBTD		3744

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#	800'	C1.A	560	3% cc+1/4#/sxcello
Production	7 7/8"	5 1/2"	14#	3772'	C1.A	200	2% gel; 5% salt

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	Arbuckle 3725-27'	None	

TUBING RECORD Size 2 7/8" Set At 3725 Packer At _____
Liner Run Yes No

Date of First Production 1-11-1990 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	64	-	656		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
Production Interval: 3725-3727'

CONFIDENTIAL

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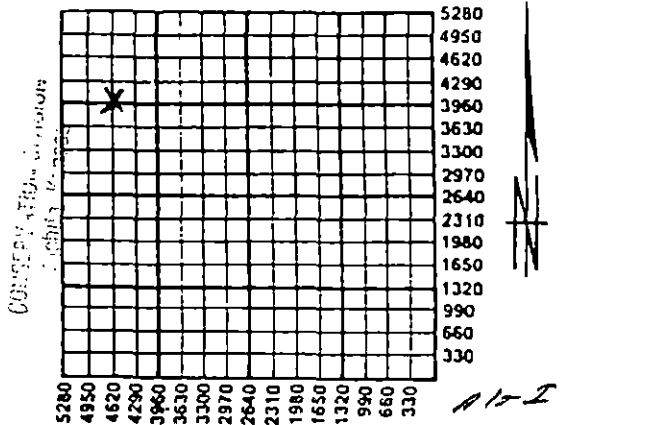
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Title Manager Engineering Date 2-21-1990

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Notary Public Dorothy Kay Mathis

Date Commission Expires 3/24/90

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<input type="checkbox"/>	Wireline Log Received	
<input type="checkbox"/>	Drillers Time Log Received	
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)