

15-007-22437-00-00

FORM MUST BE TYPED

SIDE ONE

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

CONFIDENTIAL

API NO. ⁰⁰⁷ ~~15-887~~ 22437 ^{KCC} ORIGINAL

County Barber
SE - SE - NW Sec. 22 Twp. 33S Rge. 14 X W

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 26100

City/State/Zip Oklahoma City, Ok 73126-0100

Purchaser: Williams

Operator Contact Person: Jerry Ledlow

Phone (405) 749-2309

Contractor: Name: Allen Drilling

License: 5418

Wellsite Geologist: Kenneth LeBlanc

Designate Type of Completion
 New Well Re-Entry Workover

Oil SUD SLOW Temp. Abd.
 Gas ENHR SIGM
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SUD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SUD or Inj?) Docket No. _____

3/21/94 4/1/94 6/13/94
Spud Date Date Reached TD Completion Date

2950 1990 Feet from X/W (circle one) Line of Section

2310 Feet from X/W (circle one) Line of Section

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

Lease Name Harbaugh B Well # 1

Field Name Aetna

Producing Formation Mississippi

Elevation: Ground 1715 KB 1724

Total Depth 5170 PBDT 5104

Amount of Surface Pipe Set and Cemented at 1064 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 cat.

Drilling Fluid Management Plan ALT 1 J 9/ 11-23-94
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 750 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name AUG 18 1995 KCC

Lease Name CONFIDENTIAL CONFIDENTIAL

Quarter Sec. _____ Twp. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 [Signature]
Title Staff Analyst Date 7/11/94

Subscribed and sworn to before me this 11th day of July, 1994.

Notary Public [Signature]

Date Commission Expires 8-21-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC Sub/Rep NGPA
 KGS Plug Other (Specify)
RECEIVED
CORPORATION COMMISSION
JUL 13 1994
DIVISION
Wichita, Kansas

Form ACO-1 (7-94) 7-13-94

P1

SIDE TWO

Operator Name OXY USA Inc. Lease Name Harbaugh B Well # 1

Sec. 22 Twp. 33S Rge. 14 East West
 County Barber

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.) See Attached

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Z-Densilog Compensated Neutron Gamma Ray Minilog
 Minilog
 Dual Induction Focused Log

Log Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Chase	2108	- 377	
Base Florence Chert	2377	- 650	
Wreford	2452	- 818	
Council Grove	2489	- 850	
Wabaunse	2983	-1252	
Stotler	3125	-1397	
Tarkio	3154	-1423	
Lecompton LS	3673	-1849	
Kanwaka	3719	-1988	
Oread Ls	3854	-2122	
Heebner	3894	-2164	
Upr Douglas	3944	-2210	
Brn Ls/Lansing	4083	-2352	
	4647	-2916	

CASING RECORD New Miss Unc. 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	1064	See #1 Below		
Production	7 7/8"	5 1/2"	14	5167	See #2 Below		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				*1 400sx 65/35 Pozmix w/6% gel, 2% cacl, 1/4PPS Flocele, followed by 150sx Class A cmt w/ 2% cacl, 1/4PPS Flocele. *2 160sx 65/35 Class A Pozmix w/6% gel, 1/4PPS Flocele, followed by 225sx 50/50 Class H Pozmix w/ 2% gel, 12% salt, .5% FL-10, 1% CC, 1/4PPS Flocele.

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	1	4644-4686	Acidized w/2000 gal 15% FE	
		Fraced w/65,000 gal foam 12/20		
		Brady Sand		

TUBING RECORD Size 2 3/8 Set At 4812 Pecker At 4812 Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 5/29/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 376	Mcf	Water 12	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 4644-4686

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

(If vented, submit ACO-18.)

OKY USA Inc
Harbaugh B #1
Sec 22-33S-14W
Barber County Kansas

15-007-22437-00-00

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ORIGINAL

Drill Stem Tests Taken

DST #1

Mississippi 4606-4730
30-60-60-120

First blow weak building to fair. Second opening strong blow throughout.
IHP 2306, IFP 83-83, ISIP 281, FFP 83-83, FSIP 363, FHP 2275, BHT 125
Recovered 2245' GIP 45' Mud. Temp 125 degrees

KCC

JUL 1 0

CONFIDENTIAL

RELEASED

AUG 1 8 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUL 13 1994
7-13-94
CC. DIVISION
Wichita Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

CONFIDENTIAL ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 4725

Home Office P. O. Box 31 Russell, Kansas 67665

New Well

Date	3-22-94	Sec.	22	Fwp.	33	Range	14W	Called Out	12:30AM	On Location	2:30AM	Job Start	4:30A	Finish	7:35
Case	Harbaugh "B"	Well No.	1	Location	160 1/2 Gyp Hill Rd 6' 1/4 SW-25-214" 1/4				County	BARBER		State	KANSAS		

Contractor	Allen Drig Rig #2	
Type Job	SURFACE CSG	
Hole Size	12 1/4	T.D. 1070
Csg.	8 5/8 24#	Depth 1063
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint 41'
Press Max.	750	Minimum 100
Meas Line		Displace 65.25 Bils
Perf.		

Owner **OXY U.S.A. INC.**
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To **OXY U.S.A. INC**
 Street **110 S. MAIN #800**
 City **WICHITA** State **KANSAS 67202**
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*
 X *[Signature]*
CEMENT
 400 SY 65/35 2 7/8 CC-1/4" FLO-SEAL
 Amount Ordered 150 SY CLASS A 2 7/8 CC-1/4" FLO-SEAL

EQUIPMENT

No.	Cementer	272	NEAL R
Pumptrk 266	Helper		CARL B.
No.	Cementer		
Pumptrk	Helper		
	Driver		MARK B
Bulktrk 256/250	Driver		KELLEN B.
Bulktrk 227	Driver		

Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

[Signature] \$4885
[Signature]

DEPTH of Job	1063'	RELEASED
Reference:		AUG 18 1995
	1 8 5/8 Top Rubber Plug	CONFIDENTIAL
	Sub Total	
	Tax	
	Total	

Handling
 Mileage
 Sales Tax
 Sub Total
JUL 10
CONFIDENTIAL

Remarks: RAN 8 5/8 24# TO 1063' - CEMENTED
 WITH 400 SY 65/35 2 7/8 CC-1/4" FLO-SEAL
 FOLLOWED BY 150 SY CLASS A 2 7/8 CC-1/4" FLO-SEAL - DISP. PLUG TO 1022' W/65" 1/4
 3cls H₂O - A.F.U. Held!

Floating Equipment
 1-8 5/8 T2X PAT. GUIDE SHOE
 1-8 5/8 A.F.U. INSERT
 2-8 5/8 CENTRALIZERS
 RECEIVED
 STATE COMMISSION
 JUL 13 1994

