

FORM MUST BE TYPED

SIDE ONE

10-12-01

ORIGINAL

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

Operator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress 700 S TAYLOR, SUITE 400City/State/Zip AMARILLO, TX 79101Purchaser: ANADARKO ENERGY SERVICESOperator Contact Person: CRAIG R. WALTERS, P.E.Phone (806) 457-4600Contractor: Name: BORDER-LINE, INC.License: 7840Wellsite Geologist: NONE

Designate Type of Completion

☐ New Well ☐ Re-Entry ☒ Workover☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATIONWell Name: INTERSTATE 2-20Comp. Date 8-3-78 Old Total Depth 2969☐ Deepening ☒ Re-perf. ☐ Conv. to Inj/SWD☒ Plug Back 2840 ☐ PBD☒ Commingled ☐ Docket No. ☐ Dual Completion ☐ Docket No. ☐ Other (SWD or Inj?) ☐ Docket No. 7-19-01 -- 7-28-017-19-01 Date OF START Date Reached TD Completion Date OF
OF WORKOVER WORKOVERAPI NO. 15- 129-20358 - 0001County MORTON- - - SW - - - NE Sec. 20 Twp. 34S Rge. 43 - - - E1710 Feet from (S) N (circle one) Line of Section1980 Feet from (E) W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)Lease Name INTERSTATE Well # 2-20Field Name GREENWOODProducing Formation WABUNSEE, TOPEKAElevation: Ground 3484 KB Total Depth 2969 PBD 2840Amount of Surface Pipe Set and Cemented at 315 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cm.Drilling Fluid Management Plan REWORK 9/21 01/15/02
(Data must be collected from the Reserve Pit)
NOT APPLICABLEChloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Craig R. WaltersTitle DIVISION PRODUCTION ENGINEER Date 10/1/2001Subscribed and sworn to before me this 5 day of OctoberNotary Public Lori PearsonDate Commission Expires 2/26/05

RECEIVED

OCT 12 2001

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)



Form ACO-1 (7-91)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name INTERSTATE Well # 2-20Sec. 20 Twp. 34S Rge. 43
☐ East
☒ WestCounty MORTON

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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No
(Submit Copy.)

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample
Name Top Datum

SEE ATTACHED DRILLERS LOG

** Original Completion

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"	24.0	315	COMMON	350	.3% CACL
** PRODUCTION	7-7/8"	4-1/2"	10.5	2968	POZMIX	150	.5% CFR2

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				

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
2	CIBP @ 2840 2783'-2805'+2808'-2830' (NEW)	FRAC W/ 11720 GAL 30# LIN GLLD 2% KCL FMD W/ 700 N2 + 11,500# 16/30SND.	2830-2783
	2728'-2732'+2712'-2716'+2652'-2654'+		
OLD	2515'-2520'+2498'-2502'+2478'-2482'		
	2942'-2948'+2910'-2920'		
TUBING RECORD	Size 2-3/8	Set At 2780	Packer At Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. RESUMED: 7-28-01	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 0.721 Mcf	Water 40 Bbls. Gas-Oil Ratio -- Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

2478-2783

☐ Other (Specify)

KANSAS DRILLERS LOG

API No. 15 — 129 — 20358
County NumberOperator
Pan Eastern Exploration Co.Address
Box #828 Liberal, Ks. -67351- 67901

Well No. #2 Lease Name Interstate

Footage Location
1710 feet from (N) line 1980 feet from (E) linePrincipal Contractor Geologist
Gabbert-Jones C. L. Gadson

Spud Date 6/21/78 Total Depth 2970 P.B.T.D. -----

Date Completed 8/3/78 Oil Purchaser

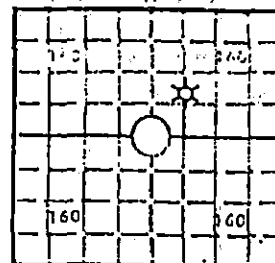
ORIGINAL

S. 20 T. 34S. R. 43W. E

Loc. 1980' EEL 1710' ENI

County Morton

640 Acres



Locate well correctly

Elev.: Gr. 3484

DF. KB.

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4	8-5/8	24	315	Common	350	3% CaCl
Production	7-7/8	4-1/2	10.5	2968	Pozmix	150	5% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP	Depth interval
			2		
TUBING RECORD			2942-48	2728-32	2652-54
Size	Setting depth	Packer set at			2515-20
2-3/8	2950	None	2910-20	2712-16	2498-02
					2478-82

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
9,000 gals Dolotrol acid and 100 ball sealers.	overall

RECEIVED

OCT 12 2001

INITIAL PRODUCTION

Date of first production KCC WICHITA

Producing method (flowing, pumping, gas lift, etc.)

flow

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	----- bbls.	2000 MCF	----- bbls.	----- CFPB

Disposition of gas (vented, used on lease or sold)

To be sold

Producing interval(s)

Greenwood Series

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Pan Eastern Exploration Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. 2	Lease Name Interstate	
S 20 T 34 R 43 E W		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand-Surface Clay-Redbed	0	325		
Redbed	325	725		
Redbed-Sand	725	1162		
Sand-Redbed-Anhy	1162	1188		
Sand-Redbed	1188	1775		
Shale	1775	1862		
Lime-Shale	1862	2970		
		2970-TD		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Signature <u>Joe Krafft</u> Title <u>Region Production Engineer</u> Date <u>August 7, 1978</u>
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