

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

API No. 15- NA SPUD 5-12-55 15-129-10519-0001
County MORTON
C - E/2 - NW Sec. 21 Twp. 34 Rge. 43 X W

Operator: License # 4549

1400 Feet from X (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

2000 Feet from X (circle one) Line of Section

Address P. O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name INTERSTATE Well # 1-21

Purchaser: ANADARKO ENERGY SERVICES

Field Name GREENWOOD

Operator Contact Person: SHAWN D. YOUNG

Producing Formation WABAUNSEE, TOPEKA, GREENWOOD LANSING

Phone (316) 624-6253

Elevation: Ground 3479 KB

Contractor: Name: NA

Total Depth 2981 PBDT 2958

License: NA

Amount of Surface Pipe Set and Cemented at 592 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

 New Well Re-Entry X Workover

If Alternate II completion, cement circulated from _____

 Oil SWD SLOW Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

 X Gas ENHR SIGW

Drilling Fluid Management Plan Re-work, 9-23-98 UR.
(Data must be collected from the Reserve Pit)
NOT APPLICABLE

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Chloride content _____ ppm Fluid volume _____ bbls

Operator: ANADARKO PETROLEUM CORPORATION

Dewatering method used _____

Well Name: INTERSTATE 1-21

Location of fluid disposal if hauled offsite:

Comp. Date 6-10-55 Old Total Depth 2981

Operator Name _____

 Deepening X Re-perf. Conv. to Inj/SWD

 X Plug Back 2958 PBDT

 Commingled Docket No. _____

Lease Name _____ License No. _____

 Dual Completion Docket No. _____

____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

 Other (SWD or Inj?) Docket No. _____

County _____ Docket No. _____

7-24-98 -- 8-2-98

Spud Date Date Reached TD Completion Date

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 Shawn D. Young
SHAWN D. YOUNG

Title DIVISION PRODUCTION ENGINEER Date 9/20/98

Subscribed and sworn to before me this 20th day of September 19 98.

Notary Public Shirley Childers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

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

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name INTERSTATE Well # 1-21

Sec. 21 Twp. 34 Rge. 43 East West County 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 No
Cores Taken Yes No
Electric 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		<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
** SURFACE		10-3/4"		592	POZMIX	350	
** PRODUCTION		7"	20.0	2981	POZMIX	300	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	
	4	2470-2486, 2495-2501, 2504-2511		ACID: W/ 3000 GAL 15% HCl

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-1/16"	2950		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. RESUMED: 7-31-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	965	0	--	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Conmingled 2470-2949 OA Other (Specify) _____ Production Interval _____

DRILLER'S LOG

WELL NAME Interstate # 1-21
 WELL LOCATION 2000' of W &
 1400' Frim Lines of
 Sec. 21-24-43

COMPANY Panhandle Eastern Pipeline Co.
 CONTRACTOR Falcon Seaboard Drlg. Co.
 ELEVATION 3478.97'

COUNTY Morton STATE Kansas
 72/20 OF AFTER ACID 26.512 MCF
 ROCK PRESSURE 416 LBS
 SOURCE OF DATA Driller's Report

DRILLING COMMENCED 5-12-55
 DRILLING COMPLETED 5-28-55
 WELL COMPLETED 6-10-55
 WELL CONNECTED 8-12-55

ROMARY LOG

<u>DESCRIPTION OF FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
Red Bed	0	40
Sand & Red Bed	40	505
Lime and Red Bed	505	650
Set 592' of 10-3/4" OD Casing. Cemented with 350 sacks of Pozmix Cement. Cement was circulated.		
Red Bed & Lime	650	750
Red Bed	750	1111
Lime & Shale	1111	1300
Lime, Shale and Sand	1300	1569
Lime, shells and shale	1569	1760
Lime and Shale	1760	2068
Sandy Lime and Shale	2068	2156
Lime and Shale	2156	2256
Lime, Red Bed and Shale	2256	2268
Lime and Shale	2268	2670
Sand and Lime	2670	2686
Lime and Shale	2686	2808
Lime and Sand	2808	2818
Lime and Shale	2818	2892
Lime	2892	2990
Set 2981' of 7" OD casing with 300 sacks of Pozmix cement.		

OCEAN NATIONAL OILFIELD
 WICHITA, KANSAS
 SEP 22 1955
 REC'D - W.P.

FORMATION TOPS

Wabaumsee 2443
 Topeka 2670
 Lansing 2904

PERFORATIONS

Perforated 2940-49
 2913-21
 2845-50
 2804-13
 2780-88
 2740-45
 2717-21
 2707-12
 2691-96

WELL TREATMENT RECORD

Acidized on 6-1-55 with 1000 gallons of 15% acid.
 Acidized on 6-2-55 with 1000 gallons of 15% acid.
 Acidized on 6-3-55 with 3000 gallons of 15% acid.
 Acidized on 6-4-55 with 4000 gallons of 15% acid.
 Acidized on 6-5-55 with 3000 gallons of 15% acid.