

FORM MUST BE TYPED

SIDE ONE

15-129-10457-0001

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 2-25-55)
County MORTON
SW - SE - NW - W/2 Sec. 31 Twp. 33 Rge. 41 X W
2540 Feet from X N (circle one) Line of Section
1320 Feet from X W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name MINOR Well # 1-31
Field Name GREENDWOOD
Producing Formation WABAUNSEE, TOPEKA
Elevation: Ground 3353 KB --
Total Depth 3700 PBTD 3192
Amount of Surface Pipe Set and Cemented at 1453 Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Operator: License # 4549
Name: ANADARKO PETROLEUM CORPORATION
Address P. O. BOX 351
City/State/Zip LIBERAL, KANSAS 67905-0351
Purchaser: ANADARKO ENERGY SERVICES
Operator Contact Person: SHAWN D. YOUNG
Phone (316) 624-6253
Contractor: Name: NA
License: NA
Wellsite Geologist: NA
Designate Type of Completion
 New Well Re-Entry X Workover
 Oil SWD SIOW Temp. Abd.
 X Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
FEB 25 1999
FILED

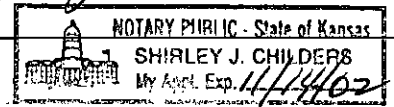
If Workover:
Operator: ANADARKO PETROLEUM CORPORATION
Well Name: MINOR 1-31
Comp. Date 3-8-58 Old Total Depth 3700
 Deepening X Re-perf. Conv. to Inj/SWD
 X Plug Back 3192 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
12-29-98 -- 1-11-99
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan OW/NO, 2-3-99 U.C.
(Data must be collected from the Reserve Pit)
NOT APPLICABLE
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ 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 Shawn D. Young
Title DIVISION PRODUCTION ENGINEER Date 1/21/99
Subscribed and sworn to before me this 21st day of January
19 99
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
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MINOR Well # 1-31

Sec. 31 Twp. 33 Rge. 41
 East County MORTON
 West

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 WELL RECORD.

** 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	12-1/4"	8-5/8"	24.0	1454	POZMIX	800	
** PRODUCTION	7-7/8"	4-1/2"	9.5	3282	POZMIX	250	

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
4	2740-45, 2752-2758, 2762-2767, 2774-2786 CIBP @ 3192	ACID W/ 3000 GAL 15% DS FeHCl	2740-2786

TUBING RECORD	Size 2-3/8"	Set At 2840	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	-------------	-------------	-----------	---

Date of First, Resumed Production, SWD or Inj. RESUMED: 1-6-99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 159 Mcf	Water 1 Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	-------------	-------------	---------------	---------------	---------

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 2740-3122 OA Production Interval Other (Specify) _____

FORMATION RECORD

DESCRIBE EACH FORMATION DRILLED. INDICATE THICKNESS, CONTENT AND WHETHER DRY, OR OIL, GAS, OR WATER BEARING.

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
Surface Sand - Shale	0	305			
Redbed	305	765			
Gyp - Shale	765	915			
Shale - Gyp	915	1115			
Sand - Shale	1115	1295			
Gyp -	1295	1365			
Anhydrite - Shale	1365	1435			
Anhydrite	1435	1454			
Shale - Shells	1454	1810			
Redbed - Shale	1810	2055			
Shale	2055	2185			
Shale - Lime	2185	2335			
Shale	2335	2365			
Lime - Shale	2365	2535			
Lime	2535	3455			
Lime - Shale	3455	3615			
Shale - Lime	3615	3700			

Summary of Drilling and Completion Operations

Operations Commenced 2-22-58
Spudded 4:00 PM 2-25-58

Ground Level to Derrick Floor 7.50
Derrick Floor to Rotary Drive Bushing 2.00

Elevations:

Ground Level 3359
Derrick Floor 3360
Rotary Drive Bushing 3362

8-5/8" casing set at 1454' w/800 sacks HOWCO Foxmix cement w/2% Calcium chloride and 4% Howcogel. Cement circulated to surface.

Ran Schlumberger Micrologger and Induction - Electrical Log, w/formation tops:

Waubesaee 2739
Topeka 2971
Greenwood Lansing 3188
Missourian 3397
Lansing 3500

4-1/2" casing set at 3270' w/250 sacks HOWCO Foxmix Cement.
Permanent Bench Mark 8.50' above 2" side outlets in 8-5/8" Braden Head.
Total Depth 3700
Plug Back Depth 3205

Moved in Cable Tool Unit, swabbed hole dry and tested casing for leaks. Casing tested O.K. Lane Wells ran Gamma Ray log and perforated Topeka 3014-17, 3035-38, 3108-10, 3118-22 with 6 JSFF. Gauged 275' MFD after perforating. Ran 2-3/8" EUS tubing with lane Wells Hookvall packer and set packer at 3060. Acis Engineers treated down tubing with 5000 gallons 15% retarded acid with low surface tension agent, flushed with 600 gallons water, and treated down casing with 5000 gallons 15% retarded acid, flushed with 1500 gallons water. Maximum pressure on tubing 2000#. Maximum pressure on casing 2000#, broke to 600#. Injection rate on tubing 9.8 barrels per minute, on casing 12 barrels per minute. Released packer and raised to 3000 ft. Swabbed well in through 2" tubing. Gauged 2920 M F after 10 hour blow down through 2" tubing with 270# pressure on casing.

Completed as gas well March 17, 1958, 48 hour casing pressure and tubing pressure 200 PSI. Open flow potential test calculated from 1 point back pressure test 5100' MFD

011111

