

## WELL COMPLETION FORM

## WELL HISTORY - DESCRIPTION OF WELL &amp; LEASE

Operator: License # 4549Name: Anadarko Petroleum CorporationAddress: 1201 Lake Robbins DriveCity/State/Zip: The Woodlands, TX 77380

Purchaser: \_\_\_\_\_

Operator Contact Person: Diana SmartPhone ( 832 ) 636-8380

Contractor: Name: \_\_\_\_\_

License: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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/Reentry: Old Well Info as follows:

Operator: Anadarko Production CompanyWell Name: Switzer A 1Original Comp. Date 07/05/1961 Original Total Depth 3035'☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD☒ Plug Back 2720' Plug Back Total Depth☐ Commingled Docket No. \_\_\_\_\_☐ Dual Completion Docket No. \_\_\_\_\_☐ Other (SWD or Enhr?) Docket No. \_\_\_\_\_01 10/2000 01 10/2000Spud Date or  
Recompletion Date Date Reached TD Completion Date or  
Recompletion DateAPI NO. 15- 129-10219-0001County Morton\_\_\_\_ - \_\_\_\_ - C - NW Sec. 29 Twp. 34 S. R. 43 ☐ E ☒ W1275 1320 FNL Feet from S/N (circle one) Line of Section1262 1320 FNL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SWLease Name Switzer A Well # 1Field Name GreenwoodProducing Formation Shawnee GroupElevation: Ground 3489' Kelley Bushing 3491'Total Depth 3035' Plug Back Total Depth 2720'Amount of Surface Pipe Set and Cemented at 566' FeetMultiple 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.

Drilling Fluid Management Plan WMS 12/18/09  
(Data must be collected from the Reserve Pit)

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. R. \_\_\_\_\_ ☐ 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: BERTHA [Signature]Title: State Regulatory Analyst Date: 03/25/2009Subscribed and sworn to before me this 25<sup>th</sup> day of MarchNotary Public: [Signature]Date Commission Expires: 12-27-09

## KCC Office Use ONLY

- ☐ Letter of Confidentiality Attached  
If Denied, Yes ☐ Date: \_\_\_\_\_  
☐ Wireline Log Received  
☐ Geologist Report Received  
☐ UIC Distribution

Operator Name Anadarko Petroleum CorporationLease Name Switzer AWell # 1Sec. 29 Twp. 34 S.R. 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 all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets.) ☐ Yes ☒ NoSamples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

☐ Log

Formation (Top), Depth and Datums

☐ Sample

Name

Top

Datum

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		8-5/8"	24	566'	PozMix	350	
Production		4-1/2"	9.5	3015'		50	

## ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
	Set CTBP @ 2720' to isolate perfs from	I could find no record that the	
EXISTING	casing leak. (Topeka perfs 2729'-2773',	CTBP set in 2000 was ever reported	
PERFS	Lansing perfs 2936'-2944', casing leak		
	2670'-2701')		
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Size Set At Packer At			
None			
Date of First, Resumed Production, SWD or Enhr.		Producing Method	
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease☐ Open Hole ☐ Perforation ☐ Dually Comp. ☐ Commingled

(If vented, submit ACO-18.)

☐ Other (Specify)

## CONDITIONS OF APPROVAL FOR PLUG AND ABANDON

Company: Anadarko Petroleum Corporation      Location: C NW Sec. 29 T34S R43W  
Morton Co., Kansas  
Well No.: Switzer A #1      Lease No.: KSNM 68747  
Unit/CA: KSNM 75161

### GOVERNMENT CONTACTS BUREAU OF LAND MANAGEMENT – OKLAHOMA FIELD OFFICE

Operation:  
Office: (918) 621-4100, Oklahoma Field Office Tulsa  
Petroleum Engineer: Jim Ashley, Office (918) 621-4141

#### I&E and Verification:

Office: Oklahoma Field Office Moore  
Sam Kidd, office (405) 790-1030      cell (405) 203-4654  
Steve Witter, office (405) 790-1021      cell (405) 818-3295  
Karla Norris, office (405) 790-1025      cell (405) 641-2773

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WICHITA, KS

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Revision to procedure Step 5. Pump 2 sxs hulls and 11 sxs 60/40 pozmix cement w/2% gel to cover casing leak (2670'-2701') with 125'-150' cement.
2. Revision to procedure Step 7. RU csg jacks. Shoot off csg above estimated freepoint. Spot 21 sx cement plug.
3. Revision to procedure Step 8. Using casing, spot 60/40 poxmix cmt w/2% gel as follows: 30 sxs @ 616' (50' below surf csg shoe), 30 sxs @ 300' (confirm 100' below FW table), 15 sxs @ 53'.

### SITE SPECIFIC SURFACE CONDITIONS OF APPROVAL

1. NO NEW SURFACE DISTURBANCE WITHOUT WRITTEN APPROVAL.

### STANDARD CONDITIONS OF APPROVAL

1. At least two work days prior to operations (no voice mail or fax accepted, person to person contact only Monday-Friday) notify Mr. Sam Kidd, telephone (405) 203-4654 or Mr. Steve Witter telephone (405) 818-3295 or Ms. Karla Norris, telephone (405) 790-1025, so that a representative of this office may be present to witness the operations.
2. Cement slurry shall be Class "A" 60/40 Pozmix 2% gel (1.25 cf/sx). Use lost circulation additives as needed.

3. Treatable water shall be protected from 100' below the base of the treatable water table to surface; Base of Treatable Water 200 ft \*

\* Operator is responsible for contacting the Kansas Corporation Commission, pertaining to the protection of fresh water strata. *Base of treatable water = 250'*

4. Mud: Each of the intervals between plugs shall be filled with 9 #/gal drilling mud or mud of sufficient mud weight to stabilize the well bore.
5. Prior to perforating any casing string, adequate BOPs, lubrications, and controls shall be installed and function tested.
6. It shall be left to the discretion of the BLM representative on location while plugging as to whether or not any of the cement plugs shall need to be tagged.
7. Surface Plug: A cement plug of at least 50' shall be placed across all annuluses.
8. Surface Cap: The casing will be cut off a minimum of 3' below ground level and the well bore capped with a 1/4 inch thick metal plate. The plate shall contain the following inscription information: legal description, well number, lease number, API no., and date. The plate shall be welded in place. A weep hole will be left in the plate.

Note: The date inscribed on plate shall be the date well was plugged and abandoned and shall be reported on the 3160-5 sundry form.

9. Surface Restoration: Flat tanks or frac tanks, you are required to empty the tanks by tank truck and waste to be disposed in an authorized facility. Any excess drilling mud shall be disposed of in an authorized facility, reused at a well currently drilling, or hauled to a mud company central facility for reconditioning/reuse. Any cellar shall be filled with soil to ground level.
10. Surface reclamation: The surface of the lands disturbed in connection with the conduct of operations shall be reclaimed in accordance with the previously approved reclamation plan. If the well and other facilities are not covered by a previously-approved reclamation plan, a surface reclamation plan shall be submitted with a Sundry Notice, within ninety days of the well being plugged. Surface reclamation should be coordinated with the Bureau of Land Management Multi-Resources, 7906 E. 33<sup>rd</sup> St., Suite 101, Tulsa, OK. 74145-1352, telephone (918) 621-4128.
11. Regulations require that an original and four copies of the Sundry Notice (Form 3160-5, enclosed) be submitted within thirty (30) days after completion of operations. Summarize operations performed, including all pertinent dates and results of operations.

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