Grid

SIDE ONE 1369

CONFIDENTIAL

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

API NO. 15- 035-23,930 FROM CONFIDENTIAL

County Cowley

SE NE NE Sec. 29 Twp. 30 Rge. 7 X East ___ West

4340 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

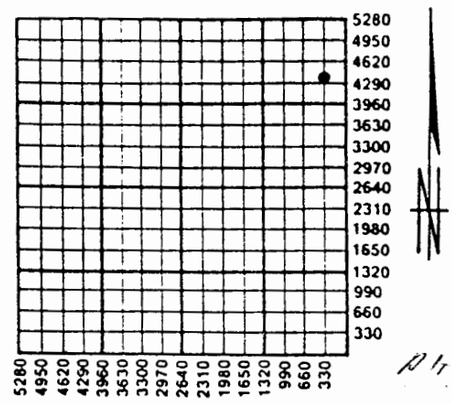
Lease Name Stolp Well # 17

Field Name Box

Producing Formation Arbuckle

Elevation: Ground 1461' KB 1467'

Total Depth 3254' PBTD 3247'



Operator: License # 5242

Name: Petroleum Management, Inc.

Address 400 N. Woodlawn
Suite 201

City/State/Zip Wichita, KS 67208

Purchaser: Permian

Operator Contact Person: Steven P. O'Neill

Phone (316) 686-7287

Contractor: Name: Gaines Drilling

License: 5930

Wellsite Geologist: R. Gregory Williams

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

X Oil ___ SWD ___ Temp. Abd.
___ Gas ___ Inj ___ Delayed Comp.
___ Dry ___ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator:

Well Name:

Comp. Date ___ Old Total Depth ___

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

7/16/90 Spud Date | 7/26/90 Date Reached TD | 8/28/90 Completion Date

Amount of Surface Pipe Set and Cemented at 302 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Steve P. O'Neill

Title Petroleum Engineer Date 9/17/90

Subscribed and sworn to before me this 19th day of September, 1990.

Notary Public Bonnie Brown

Date Commission Expires 3-1-93

BONNIE BROWN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-1-93

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ___ Wireline Log Received
C ✓ Drillers Timelog Received

Distribution
___ KCC ___ SWD/Rep ___ NGPA
✓ KGS ___ Plug ✓ Other (Specify) IS

Form ACO-1 (7-89)

SIDE TWO

Operator Name Petroleum Management, Inc. Lease Name Stolp Well # 17

Sec. 29 Twp. 30 Rge. 7 ☒ East ☐ West County Cowley

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

DST #1 2290-2334
45-45-45-45
IFP 104-127 FFP 127-139
ISIP 696 FSIP 649
Recovered 75' with show of oil and gas

Formation Description

☐ Log ☒ Sample

Name	Sample Depth	Datum
Kansas City	2119'	- 652
Hertha Limestone	2310'	- 843
Base Kansas City	2348'	- 881
Lenapah Limestone	2384'	- 917
Cherokee Shale	2603'	-1136
Mississippi Chert	2865'	-1398
Mississippi Lime	2871'	-1404
Miss. Dolomite	2874'	-1407
Kinderhook	3175'	-1708
Chattanooga Shale	3201'	-1734
Arbuckle Dolomite	3242'	-1775

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	302	40/60 Poz	220	2% gel, 1% CC
Oil	7 7/8	5 1/2	14	3242			
			Surface Pipe Cement		Common	210	3% CC

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	None	Acidize 750 gal 15% HCL	3242

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	3245'	N/A	☐ Yes ☒ No

Date of First Production | Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40	TSTM	60	-----	29

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ☒ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled ☐ Other (Specify) _____

Production Interval _____