9-31S-8W

FORM MUST BE TYPED

SIDE ONE

COPY

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

Operator: License # 5923

Name: American Petroleum Co., Inc.

Address HCR 69, Box 413-2

City/State/Zip Sunrise Beach, MO 65079

Purchaser: NCRA

Operator Contact Person: Jim Barvais

Phone (573) 374-7266

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jerry Smith

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

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: ____

Well Name: ____

Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

05-15-96 Spud Date
05-22-96 Date Reached TD
6-26-96 Completion Date

API NO. 15- 077-21302 0000

County Harper County, Kansas

NW - SE - NE - ____ Sec. 9 Twp. 31S Rge. 8 ____E XX W

1650 Feet from S (circle one) Line of Section

990 Feet from E W (circle one) Line of Section

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

Lease Name Warren Well # 3

Field Name Spivey-Grabs

Producing Formation MISSISSIPPI

Elevation: Ground 1650' KB 1658'

Total Depth 4550' PBTD 4525'

Amount of Surface Pipe Set and Cemented at 264 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.

Drilling Fluid Management Plan ALT 1 JTA 11-6-96
(Data must be collected from the Reserve Pit)

Chloride content 51,000 ppm Fluid volume 480 bbls

Dewatering method used HAULED FLUIDS

Location of fluid disposal if hauled offsite:

Operator Name T & C MFG & OPERATING CO.

Lease Name WINGATE License No. 31826

1 Quarter Sec. 31S Twp. ____S Rng. 8 E/W

County HARPER Docket No. C-7900

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 James T. Barvais
JAMES T. BARVAIS
Title PRESIDENT Date 7-05-96

Subscribed and sworn to before me this 5th day of JULY 96.

Notary Public Sandra A. Kuse

Date Commission Expires 9-6-97

SANDRA A. KUSE, NOTARY PUBLIC
STATE OF MISSOURI, CAMDEN COUNTY
MY COMMISSION EXPIRES SEPT. 6, 1997

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 08 1996
CONSERVATION DIVISION
WICHITA, KS

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)

106

Form ACO-1 (7-91)

Operator Name American Petroleum Co., Inc. Lease Name Warren Well # 3

Sec. 9 Twp. 31S Rge. 8 ☐ East ☒ West County Harper County, Kansas

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

List All E.Logs Run:

DUAL INDUCTION LOG
COMPENSATED DENSITY NEUTRON LOG
(SEE DST INFORMATION ATTACHED HERETO)

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

Name	Top	Datum
HEEBNER SHALE	3429'	-1771
LANSING	3649'	-1991
MISSISSIPPIAN	4408'	-2750

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"	28#	264'	60/40 Poz	165	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4546'	ASC	125	5#/sk Kolseal

ADDITIONAL CEMENTING/SQUEEZE RECORD NOT APPLICABLE

Purpose:	Depth Top	Depth 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
3 2	4409' 4419, 4421, 4423, 4425, 4427,	1200 GALLONS 7 1/2% HCL	ALL PERFS.
3	4429, 4431, 4433, 4435 4450, 4452, 4454, 4456	FRAC: 21000 LBS. 12/20	4409-4456'
(33 TOTAL HOLES)		SAND & 14000 GALLONS OF GELLED WATER. JOB SCREENED	
		OFF.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4487'	NONE	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
6-26-96	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	10 Bbls.	40 Mcf	10 Bbls.	4,000	33°

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

Production Interval 4409'-4456'