

8-315-8W

COPY

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

Operator: License # 5923Name: American Petroleum CompanyAddress HCR 69 Box 413-2City/State/Zip Sunrise Beach, MO 65079Purchaser: NCRAOperator Contact Person: Jim BarvaisPhone (573) 374-7266Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Jerry Smith

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIGW ☐ 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 ☐ PSTD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____05-08-96 05-14-96 6-21-96

Spud Date Date Reached TD Completion Date

API NO. 15- 077-21301 0000County Harper County, KansasNE SW NW Sec. 8 Twp. 31S Rge. 8 ☒ E3630' Feet from ☒ S (circle one) Line of Section990' Feet from ☒ E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or ☒ SW (circle one)Lease Name Dickson Well # 5Field Name Spivey-GrabsProducing Formation MISSISSIPPIElevation: Ground 1667' KB 1675'Total Depth 4523' PSTD 4497'Amount of Surface Pipe Set and Cemented at 264' 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 cm.

Drilling Fluid Management Plan ALT 1 874 10-2-96
(Data must be collected from the Reserve Pit)Chloride content 35000 ppm Fluid volume 240 bblsDewatering method used HAULED FLUIDS

Location of fluid disposal if hauled offsite: _____

Operator Name T & C MFG & OPERATING CO.Lease Name WINGATE License No. 318261 Quarter Sec. 31S Twp. S Rng. 8 ☒ WCounty 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. BarvaisTitle PRESIDENT Date 6-26-96Subscribed and sworn to before me this 26th day of JUNE, 96.Notary Public Sandra A. KuseDate Commission Expires 9-6-97

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)

SANDRA A. KUSE, NOTARY PUBLIC
STATE OF MISSOURI, CAMDEN COUNTY
MY COMMISSION EXPIRES 8-1-97

Operator Name **American Petroleum Company, Inc.**Lease Name **Dickson**Well # **5**Sec. **8** Twp. **31S** Rge. **8**☐ East☒ WestCounty **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 ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

COMPENSATED DENSITY NEUTRON LOG
DUAL INDUCTION LOG☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

HEEBNER SHALE 3444' -1770

LANSING 3639' -1964

MISSISSIPPI 4384' -2709

DST #1 4388'-4410' 30-45-45-45

65' OIL & GAS CUT MUD

60' HVY OIL & GAS C/MUDDY WTR. GAS-36.5 MCF

IFP 84-74# ISIP 687# FHP 2194

FFP 84-74# FSIP 660# TEMP 116°

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#	4523'	ASC	125	5#/sk kolseal

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
3	4388, 4390, 4392, 4394, 4396,	1000GALLONS 7 1/2% HCL	4388'-4404'
(27 TOTAL)	4398, 4400, 4402, 4404.		
		FRAC-46,000 12/20 SAND & 37,000 GELLED WATER	4388'-4404'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4480'	NONE	☐ Yes ☒ No

Date of First, Resumed Production, SMD or Inj. **6-21-96** Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20 BPD	100 MCFPD	20 BPD	5,000	28°

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled **4388'-4404'**
☐ Other (Specify) _____