FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 033-21,032 ORIGINAL

County Comanche

240 S of - C - SE - SE Sec. 17 Twp. 31 Rge. 19 X E W

420 Feet from (S)/N (circle one) Line of Section

660 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 Swayze Well # 1 Twin

Field Name Wildcat

Producing Formation

Elevation: Ground 2166' KB 2171'

Total Depth 5258' PBTD 5032'

Amount of Surface Pipe Set and Cemented at 679' 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. I, 12-27-99 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 8,000 ppm Fluid volume 120 bbls

Dewatering method used Hauled away excess

Location of fluid disposal if hauled offsite:

Operator Name Star Resources, LLC

Lease Name Currier #2-9 License No. 32389

____ Quarter Sec. 20 Twp. 32 S Rng. 18 E/W

County Comanche Docket No. D-27668

Operator: License # 30407

Name: Black Petroleum Company

Address P. O. Box 12922

City/State/Zip Wichita, KS 67277-2922

Purchaser:

Operator Contact Person: Thomas E. Black

Phone (316) 729-8220

Contractor: Name: Pickrell Drilling Co.

License: 5123

Wellsite Geologist: Jon T. Williams

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

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

If Workover:

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. ____

9-8-99 Spud Date
9-22-99 Date Reached TD
10-14-99 Completion Date

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 Thomas E. Black
Thomas E. Black
Title President Date 11-26-99

Subscribed and sworn to before me this 2 day of DECEMBER, 1999.

Notary Public Linda K. Puls

Date Commission Expires 9-5-2001

LINDA K. PULS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9-5-2001

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)

IS

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DEC 07 1999
CONSERVATION DIVISION

Form ACO-1 (7-91)

SIDE TWO

Operator Name Black Petroleum Company Lease Name Swayze Well # 1 Twin

Sec. 17 Twp. 31 Rge. 19 ☐ East ☒ West County Comanche

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests givi 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
Dual Compensated Porosity
Microresistivity
Sonic Cement Bond

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

Name | Top | Datum

See attached "Daily Report"

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		13 3/8"	54.50	302'	lite	150	3% CC;14#FS
Surface	12 1/4"	8 5/8"	24	679'	lite	185	3% CC;14#FS
Production	7 7/8"	5 1/2"	14	5247'	Class A	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD

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
2	5158-62' & 5170-74'	900 gal. 15% MCA	
2	5041-49' (B.P.@5097')	1,000 gal. 15% MCA	
2	4998-5002' (B.P.@5032')	500 gal. 15% MCA	

TUBING RECORD Size none Set At Packer At Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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 (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☒ Other (Specify) temporarily abandoned

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205
WICHITA, KANSAS 67202-1996
(316) 262-8427

#1 Swayze "Twin"
240' S. of C SE SE
Section 17-31S-19W
Comanche County, Kansas
Operator: Black Petroleum

API#: 15-033-21,032-0000
420' From South Line of Section
660' From East Line of Section
ELEV: 2171' KB, 2169' DF, 2166' GL
Contractor: Pickrell Drilling Co. Inc. R-1

TIGHT HOLE – PLEASE KEEP ALL INFORMATION CONFIDENTIAL Per operator on 3/22/00 this is not confidential JA

9-08-99: Will finish new location and set conductor csg today.

9-09-99: Unable to get conductor pipe set yesterday. Will set conductor pipe today and RURT tomorrow (9/10).

9-10-99: (On 9-9) Set 80' of 20" conductor casing. (On 9-10) RURT & Spud today.

9-13-99: (On 9-10) Spud @ 1:00 PM. Drilled 17 ½" hole to 320'. Ran 7 jts. of 13 3/8" 54.50# set @ 302', cmt w/150sx of lite, 3% CC w/1/4# FS/sx, followed by 100sx Class A, 2% gel, 3% CC. PD @ 5:00 AM on 9-11-99. Allied Ticket # 2664. Survey @ 320' was ¼ degree. Drilled 12 ¼" hole to 684'. Set 16jts. of New 8 5/8" 24# Csg. set @ 679', cmt w/185sx of lite, 3% CC, w/¼# FS/sx, followed by 100sx of Class A, 2% gel, 3% CC. Cmt circ. PD @ 8:15 PM on 9-11-99. Allied Ticket #2665. (On 9-12) Drlg. @ 684'. (On 9-13) Drlg. @ 1920'.

9-14-99: Drlg. @ 2665'.

9-15-99: Drlg. @ 3255'.

9-1[illegible]: Drlg. @ 3785'.

9-17-99: Drlg. @ 4275'.

9-20-99: (On 9-18) Drlg. @ 4715'. (On 9-19) Circ. @ 5040'. Show of oil and 12 unit gas kick in Altamont. DST #1 4951-5040', packer failure. DST #2 4955-5040', packer falilure, pulled out of hole, left packers and anchor in hole. (On 9-20) Fishing for testing tool @ 5040'. Note pipe strap within 1 foot of drillers measurements.

9-21-99: Testing @ 5170'. 72-110 unit gas kick from 5137-70. DST #3 5143-5170, 30"-60"-60"-90", GTS 2 min., Ga: 270 MCF/5", 93.1 MCF/30", 2nd Op Ga: 101 MCF/15", 89 MCF/30", 85.9 MCF/45" & 81.8 MCF/60". Rec: 1 cup of mud ISIP 1519#, IFP 82-35#, FFP 47-35#, FSIP 1565#.

9-22-99: RTD 5248'. Running E-Logs. LTD 5258'.

9-23-99: (On 9-22) Set 129 jts. of Used 5 ½" 14# Prod. Csg set @ 5247' KB, cmt w/125sx Class "A" cmt. PD @ 1:30 AM on 9-23-99. WOCT. Final Report.

SAMPLE TOPS

Heebner	4291 (-2120)
Brown Lime	4465 (-2294)
Lansing	4483 (-2312)
Stark	4787 (-2616)
Base/Kansas City	4884 (-2713)
Marmaton	4947 (-2776)
Pawnee	5021 (-2850)
Cherokee Shale	5063 (-2892)
Detrital Mississippian	5137 (-2966)
Mississippian St. Louis	5162 (-2091)

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[illegible] COMMISSION
DEC 07 1999
[illegible]

LTD 5248'

ELECTRIC LOG TOPS

Elgin Zone	4144 (-1973)
Heebner	4298 (-2127)
Brown Lime	4474 (-2303)
Lansing	4489 (-2318)
Stark	4793 (-2621)
Base/Kansas City	4870 (-2699)
Marmaton	4956 (-2785)
Altamont	4983 (-2812)
Porosity	4998 (-2827)
Pawnee	5030 (-2859)
Cherokee	5072 (-2901)
Detrital Mississippian	5142 (-2971)
Mississippian St. Louis	5154 (-2983)
LTD	5258'