

SIDE ONE

State Geological Survey
AFFIDAVIT OF COMPLETION FORM
WICHITA BRANCH

12-8-18-1

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).
KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Thomas E. Black d/b/aAPI NO. 15-163,21,502ADDRESS BLACK PETROLEUM COMPANY
200 W. DouglasCOUNTY RooksWichita, Ks. 67202-3087FIELD W/C**CONTACT PERSON Thomas E. BlackPROD. FORMATION D & APHONE 316-264-9342LEASE Conyac

PURCHASER _____

WELL NO. 1

ADDRESS _____

WELL LOCATION 150' W SE NE NWDRILLING Shields Drilling Co.

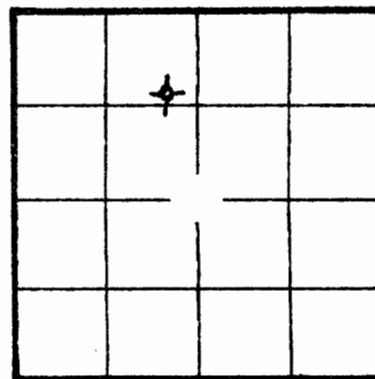
CONTRACTOR _____

ADDRESS Shields Bldg. Box 709480 Ft. from E Line and990 Ft. from N Line ofthe E/2 SEC. 12 TWP. 8S RGE. 18WRussell, Ks. 67665

WELL PLAT

PLUGGING Allied Cementing Co.

CONTRACTOR _____

ADDRESS Box 31Russell, Ks. 67665KCC
KGS ☒
(Office
Use)TOTAL DEPTH 3465 PBTD _____SPUD DATE 12/8/81 DATE COMPLETED 12/18/81ELEV: GR _____ DF _____ KB 1912DRILLED WITH (CABLE) ROTARY (AIR) TOOLSAmount of surface pipe set and cemented 248' 8 5/8" DV Tool Used? No

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS, I, _____Thomas E. Black OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,DEPOSES THAT HE IS sole owner (~~FOR~~)(OF) BLACK PETROLEUM COMPANYOPERATOR OF THE Conyac LEASE, AND IS DULY AUTHORIZED TO MAKETHIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ONSAID LEASE HAS BEEN COMPLETED AS OF THE 18th DAY OF December, 19 81, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

RECEIVED
STATE CORPORATION COMMISSIONCONSERVATION DIVISION
Wichita Kansas

12-8-18u

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOSS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
WELL LOG (Shields Drilling Co.)				
248' 8 5/8" w/175 sx.				
Surface soil, post rock		70'		
Shale		750'		
Shale & sand		1,314'		
Anhydrite		1,350'		
Sand & shale		1,414'		
Shale		1,910'		
Shale & lime		2,890'		
Lime		3,465'		
RTD		3,465'		
TOPS				
Drillers Anhydrite	1314	+595		
Drillers Base Anhydrite	1350	+559		
Topeka	2836	-924		
Heebner Shale	3048	-1136		
Toronto Limestone	3070	-1158		
Top Lansing	3091	-1179		
Base Kansas City	3318	-1406		
Marmaton Sand.	3336	-1424		
Arbuckle	3364	-1452		
Rotary Total Depth	3465	-1553		
See attachment for Drill Stem Tests				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
surface	12 1/4	8 5/8	14	248	common	150	2% ca chl

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

12-8-18w

BLACK PETROLEUM COMPANY - DAILY REPORT

LOCATION 150' W SE NE NW Sec. 12-8S-18W COUNTY Rooks STATE Kansas
OPERATOR Thomas E. Black, d/b/a
Black Petroleum Company CONTR. Shields Drilling Company
WELL #1 Conyac GEOL. Thomas E. Black ELEV. 1909 K.B.
PROSPECT Wildcat Corrected 1912 K.B.

Moving in & RU 12/7/81 Spud 1/2/81
Drilled Ran 248 ft. 8 5/8" new
20 lb. csg.
overall set @ 248 cement w/ 175 sx
PD @ 6:30 a.m. 12/8/81

TOPS		
Drillers Anhydrite	1314	+595
" Base "	1350	+559
Topeka	2836	-924
Heebner Shale	3048	-1136
Toronto Limestone	3070	-1158
Top Lansing	3091	-1179
Base Kansas City	3318	-1406
Marmaton Sand	3336	-1424
Arbuckle	3364	-1452
Rotary Total Depth	3465	-1553

Date	Depth	
12/8	248'	Waiting on cement to set. Commence drilling sometime today.
12/9	1400'	
12/10	1950'	
12/11	2485'	
12/14		DST #1 3072-3106: Open 1 hr. Weak blow. Died in 30 min. Recovered 40' of muddy salt water. Initial closed-in pressure 994 psi in 30 min. Final closed-in pressure 935 psi in 30 min. Initial flow 77-48. Final flow 77-48. Temp 98 degrees. DST #2 3170-3190: Open 103 min. Strong blow off bottom of bucket throughout. Recovered 1020 ft. of muddy salt water. Initial closed-in pressure 837 psi in 30 min. Final closed-in pressure 847 psi in 60 min. Initial flow 67-261. Final flow 358-533. Temp. 103 degrees. We are on top of Lansing 2 ft. high to dry hole NE. 15 ft. high to dry hole SW.
12/15	3312'	DST #3 3212-3260 : Open 1 hr. Weak blow for 15 min. Recovered 10 ft. of mud. Initial closed-in pressure 30-925 psi in 30 min. Final closed-in pressure 30-798 in 30 min. Initial flow 58-38. Final flow 58-38. Temp. 100 degrees. Now running DST#4. 3260-3312.
12/16		DST #4 3256-3312 : Open 1 hr. Very weak blow. Recovered 65' mud. Initial closed-in pressure 1091 psi 30 min. Final closed-in pressure 1082 psi min. Initial flow 77-67. Final flow 87-67. Temp. 100 degrees. DST #5 3310-3356 : Open 1 hr. Weak blow & died 25 min. Recovered 20' mud. Initial closed-in pressure 67 psi in 30 min. Final closed-in pressure 67 psi in 30 min. Initial flow 58-67. Final flow 58-67. Temp. 100.
12/17	3465'	DST #6 3350-3380 : Open 1 hr. Weak blow died 10 min. Recovered 50' mud. Initial closed-in pressure 106-30. Final closed-in pressure 106-30. Initial flow 106-96. Final flow 77-77. Temp. 100 degrees. No additional shows of oil in Arbuckle. 25 ft. high to dry hole NE.