# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

# **WELL PLUGGING APPLICATION**

Please TYPE Form and File ONE Copy

Form CP-1 September 2003 This Form must be Typed Form must be Signed All blanks must be Filled

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| API # 15 - 035-19,217 - 000  | (Identifier Number of this we | II). This must be listed for wells drilled :  | since 1967; if no API # was issued, |
|--|-------------------------------|---|-------------------------------------|
| indicate original spud or completion date 9-9-1974   |                               |   |                                     |
| Well Operator: W. D. Short Oil Co., LLC  |                               | KCC License #: 336                            | 08                                  |
| Address: P.O. Box 729, 102 S. River Rd.  | er / Company Name)            | City: Oxford                                  | (Operator's)                        |
| State: Kansas  |                               | Contact Phone: (620 ) 45                      | 55 - 3576                           |
|  |                               | Sec. 5 Twp. 34                                |                                     |
| <u>5w</u> - <u>NE</u> - <u>NW</u> - <u>sw</u> s  |                               | unty: Cowley                                  |                                     |
| 2316 2172 Feet (in exact footage) From 298 4498  | North South Viron na          |   | ion (Alet I acco I in a)            |
| 9984498 Feet (in exact footage) From   | East West (from ne            | arest outside section corner) Line of Section | ion (Not Lease Line)                |
|  | D&A Cathodic                  | Water Supply Well                             |                                     |
| SWD Docket #   |                               |   | ·                                   |
| Conductor Casing Size:   | Set at:                       | Cemented with:                                | Sacks                               |
| Surface Casing Size: 8-5/8"  |                               |   |                                     |
| Production Casing Size: 5-1/2"   |                               |   |                                     |
| List (ALL) Perforations and Bridgeplug Sets: Perf. 1   |                               |   |                                     |
| Is Well Log attached to this application as required?  | ✓ Yes  No Is ACO-1 fill       | ed? ✓Yes No                                   |                                     |
| Plugging of this Well will be done in accordance w List Name of Company Representative authorized to |                               | ons: Mike Anstine                             | Corporation Commission.             |
| Address: P.O. Box 729, 102 S. River Rd.  |                               | City / State: Oxford, Kansas 6                | 7119                                |
| Plugging Contractor: Kivett Plugging   |                               | KCC License #: 34271                          |                                     |
| Address: P.O. Box 134, 402 N. 13th St., Blackwe  | pany Name)<br>II, Ok. 74631   |   | (Contractor's)<br>7748              |
| Proposed Date and Hour of Plugging (if known?): A  | SAP                           |   |                                     |
| Payment of the Plugging Fee (K.A.R. 82-3-118) will  Date: 7-27-2009 Authorized Operator /            | Agent: WWI X                  | (Signature) et - Room 2078, Wichita, Kansas 6 | TOO OW I                            |

#### GEORGE R. MCNEISH

GEOLOGICAL ENGINEER

P. O. BOX 734

528 STATE BANK BUILDING WINFIELD, KANSAS 67156

WELL:

Waldschmidt #2A

LOCATION:

NE NW SW

5-34S-6E

Cowley County, Kansas

OPERATOR:

Bill Short

CONTRACTOR:

White & Ellis Drilling Co. (Rig #2)

DRILLING COMMENCED:

September 9, 1974

DRILLING COMPLETED:

September 13, 1974

PRODUCTION:

ELEVATION:

1145 KB (Est.)

1140 GL (Est.)

DATUM:

All measurements are taken from

the rotary bushing, 5' above

ground level.

ROTARY TOTAL DEPTH:

2157 feet

KANSAS CORPORATION COMMISSION

JUL 2 9 2009

RECEIVED

Mr. Bill Short Box 45 Oxford, Kansas

Re: Waldschmidt #2A

#### Dear Mr. Short:

The following report covers facts pertinent to the drilling of your Waldschmidt #2A well. It includes geological tops as determined from sample analysis and correlated with drilling time log information, daily drilling depths, casing record, testing data, structural data, and sample description. No electric log was run on the well.

#### FORMATION TOPS

| Formation       | Depth | Sub-Sea Datum |
|-----------------|-------|---------------|
| Iatan           | 1642  | <b>-</b> 497  |
| Stalnaker       | 1675  | <b>-</b> 530  |
| Hogshooter      | 2114  | <b>-</b> 969  |
| Layton Zone     | 2124  | <b>-</b> 979  |
| Layton "B" Sand | 2153  | <b>-</b> 1008 |
| Total Depth     | 2157  | -1012         |

## DAILY DRILLING DEPTH

| Date   | Depth @ 8 A.M.   | Footage Made Previous 24 Hrs.               |
|--|--|---|
| September 9, 1974  | Move in (Start surface hole @ 10:20 PM)                    | ⊷O≖<br>Hanno                                |
| September 10, 1974   | 170 (Set surface @ 11:45 AM.<br>Start under surface @ 9:15 | INCOMP.                                     |
| September 11, 1974<br>September 12, 1974<br>September 13, 1974 | 585<br>1244<br>1980 (2157 TD @ 9:30 PM)                    | 415 <b>JUL 2 9 2009</b> 659 <b>RECEIVED</b> |

Depth

#### BIT RECORD

| No.                        | Size            | <u>Make</u>                        | Type                     | Serial                                 | From                                   | To  | <u>Feet</u>                            | Hours                        |
|----------------------------|-----------------|------------------------------------|--------------------------|--|--|---|--|------------------------------|
| 0<br>1<br>2<br>3<br>4<br>5 | 12½ 7 7/8 " " " | CP<br>Smith<br>HTC<br>Sec<br>Smith | DT<br>OSC<br>S4TJ<br>DGT | Retip<br>Retip<br>"<br>"<br>"<br>S8025 | 0<br>221<br>651<br>980<br>1244<br>1617 | 221<br>651<br>980<br>1244<br>1617<br>2116 | 221<br>430<br>329<br>264<br>373<br>499 | 10<br>6½<br>8<br>9<br>18 3/4 |
| 6                          | 11              | 11                                 | DGT                      | Retip                                  | 2116                                   | 2157                                      | 41                                     | 2                            |

#### CASING RECORD

| Type             | Footage     | Size        | Wt.         | <u>The</u> | Type | Set @       | Cem. With |
|------------------|-------------|-------------|-------------|------------|------|-------------|-----------|
| Surface<br>Prod. | 216<br>2153 | 8 5/8<br>5½ | 14 <i>‡</i> | 8Rd        | Sm1s | 216<br>2153 | 140 Sacks |

## TESTING DATA

No cores or drill stem tests were taken on this well.

## STRUCTURAL DATA

The following table gives the structural relationship between the Waldschmidt #2A and surrounding wells on the various formations listed. Plus (+) footage indicates the Waldschmidt #2A was higher, and minus (-) footage indicates it was lower than the given well.

|             | Rahn Unit #5<br>SE SW NW<br>5-34S-6E | Rahn Unit #4<br>NW NW SW<br>5-34S-6E |
|-------------|--------------------------------------|--------------------------------------|
| Iatan       | <b>-</b> 2                           | + 8                                  |
| Stalnaker   | <b>-</b> 5                           | + 2                                  |
| Hogshooter  | <b>-</b> 1                           | <del>-</del> 7                       |
| Layton Sand | -16                                  | <del>-</del> 18                      |

#### SAMPLE ANALYSIS

| Dep<br>From | pth<br><u>To</u> | Formation Description   | Remarks                                 |
|-------------|------------------|---|---|
| 900         | 968              | Shale, gray with some red and with a trace of lime                                  |   |
| 968         | 994              | Lime, tan to brown, crystalline and dense and light tan, fine crystalline, sucrosic | Topeka<br>KANSAS CORPORATION COMMISSION |
| 994         | 1002             | Shale, gray with some lime  |   |
| 1002        | 1014             | Lime, tan to brown, dense and shale   | JUL 2 9 2009<br>RECEIVED                |
| 1014        | 1019             | Shale, gray   | * CEIVED                                |
| 1019        | 1034             | Lime, tan and light tan, dense to crystalline, some pinpoint porosity               |   |
| 1034        | 1038             | Shale, black  |   |
| 1038        | 1052             | Lime, brown, dense  |   |

## SAMPLE ANALYSIS

Waldschmidt #2A

bottom.

| Depth |           |  |  |
|-------|-----------|--|--|
| From  | <u>To</u> | Formation Description Remark   | <u>.s</u>  |
| 1052  | 1084      | Shale, gray and black with some lime streaks   |  |
| 1084  | 1088      | Lime, tan to brown, dense  |  |
| 1088  | 1122      | Shale, gray with some lime streaks   |  |
| 1122  | 1159      | Sand, gray, fine grained, porous and silty and shale streaks   |  |
| 1159  | 1193      | Sand, white, fine to medium grained, No sho porous, some coarse grained, some hard                   | ₩•   |
| 1193  | 1213      | Shale, gray and sand, hard, limey  |  |
| 1213  | 1227      | Sand, as above   |  |
| 1227  | 1243      | Shale, gray with hard sand streaks   |  |
| 1243  | 1257      | Sand, gray, fine grained, silty, tight and shale, sandy  |  |
| 1257  | 1284      | Shale, gray with sand and lime streaks   |  |
| 1284  | 1296      | Lime, brown, dense and crystalline and shale streaks   |  |
| 1296  | 1354      | Shale, dark gray with some lime  |  |
| 1354  | 1355      | Lime, brown, dense   |  |
| 1355  | 1368      | Shale, black and gray  |  |
| 1368  | 1409      | Shale, gray and light gray, sandy, with some red shale   | MANA.  |
| 1409  | 1428      | Lime, light tan, chalky to dense, some fine crystalline, no porosity and tan, lime                   | KANSAS CORPORATION COMMISSION  JUL 29 2009  RECEIVED                 |
| 1428  | 1440      | Shale, gray, sandy and silty sand with black shale   | RECED 2009   |
| 1440  | 1481      | Shale, gray and red  |  |
| 1481  | 1509      | Shale, gray with sand, gray, fine grained, silty   |  |
| 1509  | 1642      | Shale, gray with some black and red  |  |
| 1642  | 1650      | Lime, tan and light tan, fine crystalline, sucrosic and crystalline                                  | Iatan.   |
| 1650  | 1668      | Shale, gray, micaceous   |  |
| 1668  | 1675      | Sand, gray, fine grained, hard, limey and shale laminations  |  |
| 1675  | 1693      | Sand, gray, fine grained, micaceous, porous, grading to fine to medium grained, clean, good porosity | Stalnaker Sand. Fair to good stain at top grading to no stain at the |

## SAMPLE ANALYSIS

Waldschmidt #2A

| Depth |              | h            |  |  |  |  |
|-------|--------------|--------------|--|--|--|--|
|       | From         | To           | Formation Description  | Remarks  |  |  |
|       | 1693<br>1698 | 1698<br>1756 | Lime, tan, dense Sand, gray, fine to medium grained, porous, with some shale laminations                               | Some stain at the top, mostly no stain. Probable water producing   |  |  |
|       | 1756         | 1773         | Shale, gray, some sandy  |  |  |  |
|       | 1773         | 1850         | Shale, gray with some red  |  |  |  |
|       | 1850         | 1902         | Shale, gray with some sand streaks, hard   |  |  |  |
|       | 1902         | 1910         | Lime, brown, mottled, crystalline  |  |  |  |
|       | 1910         | 1936         | Shale, gray and sand, gray, very<br>fine grained, very silty and medium<br>to coarse grained, micaceous, very<br>silty | No show.   |  |  |
|       | 1936         | 19 60        | Shale, gray and hard, limey sand   |  |  |  |
|       | 1960         | 2012         | Shale, gray with some red  |  |  |  |
|       | 2012         | 2114         | Shale, gray with some black and red  |  |  |  |
|       | 2114         | 2118         | Lime, brown to tan, mottled, crystalline, some sandy   | Hogshooter.  |  |  |
|       | 2118         | 2124         | Shale, gray, sandy   | _  |  |  |
|       | 2124         | 2153         | Sand, gray, fine grained, very silty, tight, hard with shale laminations   | Layton Zone. No show.  |  |  |
|       | 2153         | 2157 TD      | Sand, gray, fine grained, slightly silty, porous   | Layton "B" Sand. Faint odor, fair spotted stain and fluorescence. Show of free oil (watery) grading to water sand. |  |  |

## REMARKS

The primary target on this well was the Layton Sand. It was a little further in the section before good porosity was encountered in the Layton Sand than in the north offset. However, it was decided to set pipe on the well and test the Layton Sand in the open hole.

## REMARKS

In checking the dry samples, a good oil show was observed in the top of the Stalnaker Sand, a sand development not present in some of the wells in the field. It was recommended that this zone be tested before abandoning the well and that the Stalnaker be watched in any subsequent wells drilled.

Yours truly,

George R. McNeish

Geological Enginee of

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Mark Parkinson, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

## NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)

W.D. SHORT OIL CO., LLC 102 S RIVER RD PO BOX 729 OXFORD, KS 67119-8801 August 03, 2009

Re: WALDSCHMIDT A #2 API 15-035-19217-00-00 5-34S-6E, 2172 FSL 4498 FEL COWLEY COUNTY, KANSAS

#### Dear Operator:

This letter is to notify you that the Conservation Division has received your plugging proposal, form CP-1, for the above well and has reviewed the proposal for completeness. The central office will now forward your CP-1 to the district office listed below for review of the proposed plugging method. Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113(b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit in accordance with K.A.R. 82-3-600.

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. This notice in no way constitutes authorization to plug the above well by persons not having legal rights of ownership or interest in the well.

This notice is void after January 30, 2010. The CP-1 filing does not bring the above well into compliance with K.A.R. 82-3-111 with regard to the Commission's temporary abandonment requirements.

Sincerely,

Steve Bond

Steve Bond

**Production Department Supervisor** 

District: #2

3450 N. Rock Road, Suite 601

Wichita, KS 67226 (316) 630-4000