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WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-033-00395 WELL NO.: Crawford #4

FARM NAME: Crawford, L.L.

RESPONSIBLE PARTY NAME: EXCO Resources (PA), LLC

COUNTY: Harrison DISTRICT: Elk

QUADRANGLE: Phillipi

SURFACE OWNER: John & Cathy Tomasic

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4333992.02 m

UTM GPS EASTING: 565334.59 m GPS ELEVATION: 321.55 m

/ 1054.95'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

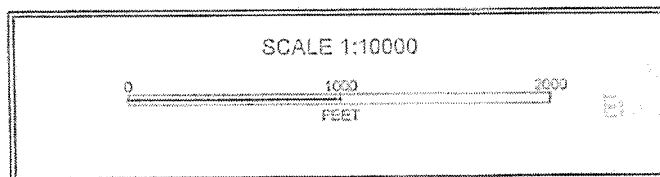
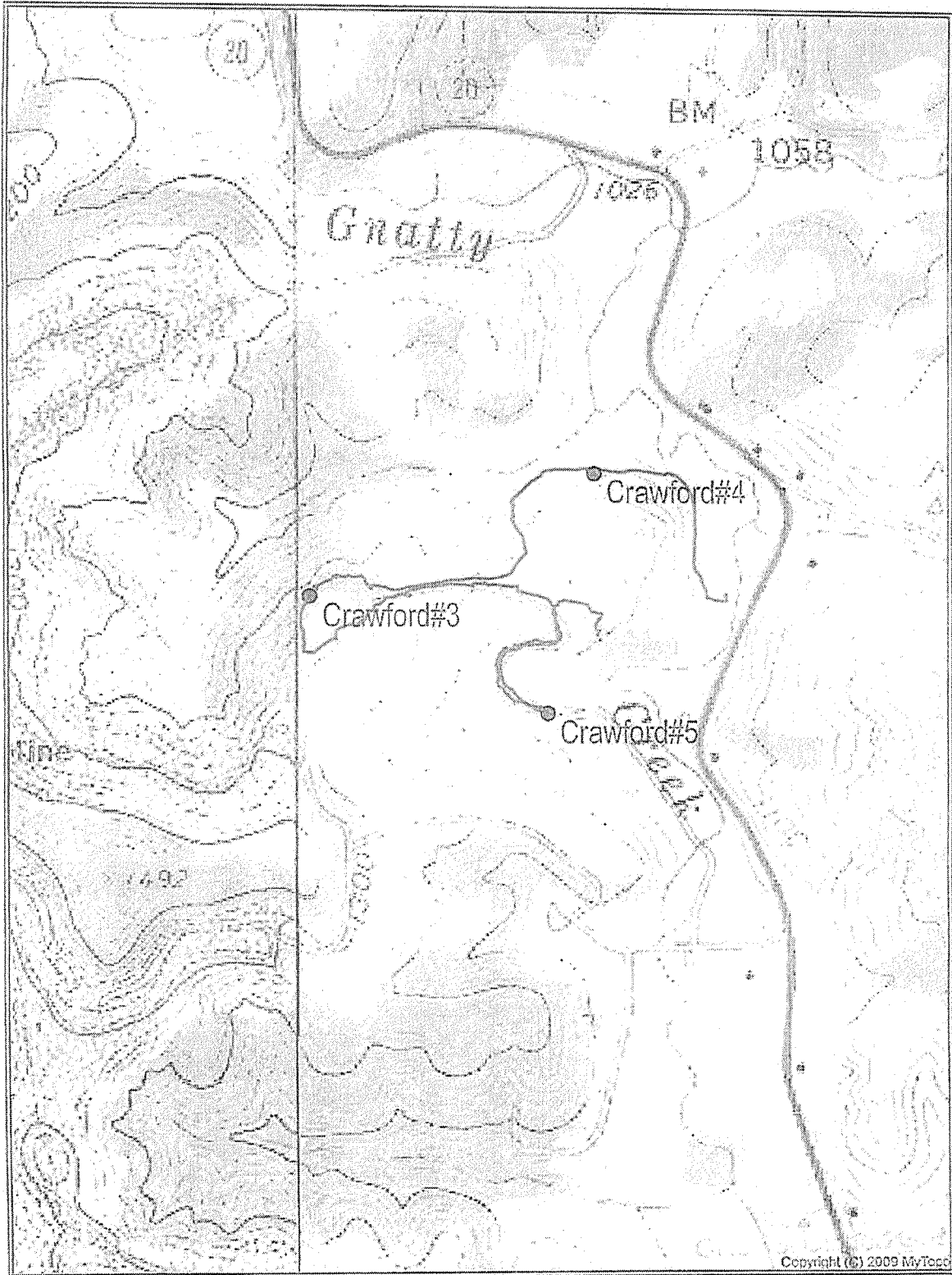
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:  
Survey grade GPS \_\_\_\_\_; Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

Mapping Grade GPS X; Post Processed Differential \_\_\_\_\_  
Real-Time Differential X

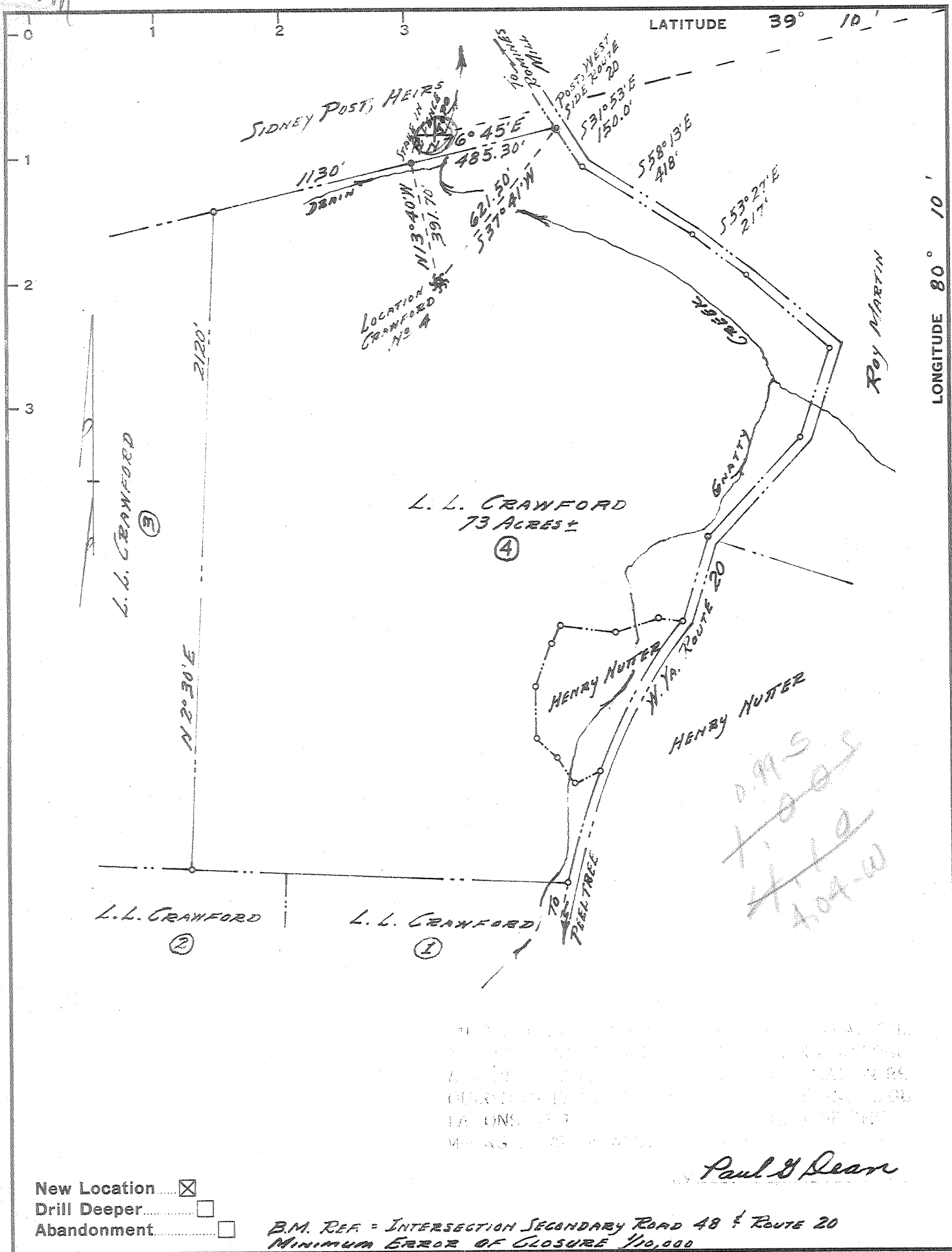
4. Letter size copy of the topography map showing the well location.
- I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

[Signature] Construction Specialist I 2-20-13  
Signature Title Date

3300395P



JAN 31 2013



Company CHICAGO BEARS FOOTBALL CLUB INC.  
 Address 173 WEST MADISON ST., CHICAGO 2, ILL.  
 Farm L. L. CRAWFORD  
 Tract 4 Acres 73± Lease No. \_\_\_\_\_  
 Well (Farm) No. FOUR Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1080  
 Quadrangle PHILIPPI WC  
 County HARRISON District ELK  
 Engineer Paul S. Dean  
 Engineer's Registration No. 1856  
 File No. 136-6-18 Drawing No. 65-30  
 Date JUNE 18, 1965 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. HAR-395

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Philippi

Permit No. HAR-395

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Chicago Bears Football Club, Inc.  
Address 173 W. Madison St., Chicago 2, Ill.  
Farm L. L. Crawford Acres 73 +-  
Location (waters) Gnatty Creek  
Well No. 4 Elev. 1080'  
District Elk County Harrison  
The surface of tract is owned in fee by L.L. Crawford & Ethel C. Crawford  
Address 116 S. Fifth St. Clarksburg, W.Va.  
Mineral rights are owned by same  
Address \_\_\_\_\_

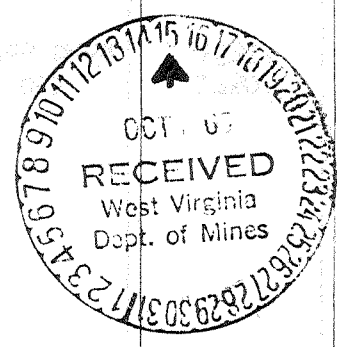
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	16'	16'	
13	168'	0	
10	648'	648'	Size of
8 1/4	1419	0	
6 5/8			Depth set
5 3/16			
4 1/2	4300'	4300'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced July 2, 1965  
Drilling completed September 16, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 135,000 Cu. Ft.  
Rock Pressure Not Taken lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED September 23, 1965

CASING CEMENTED 4 1/2 SIZE 1400 No. Ft. 9-14-65 Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 0 FEET 0 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 8,788,000 CFD  
ROCK PRESSURE AFTER TREATMENT 2050#  
Fresh Water 60' Feet \_\_\_\_\_ Salt Water 1260' Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	20			
Slate			20	59	Water	61'	Full
Sand & Lime			59	90			
Slate			90	117			
Lime			117	148			
Slate			148	190			
Lime			190	210	Water		1/2 Bailer hr.
Red Rock			210	246			
Lime			246	253			
Slate & Shells			253	280			
Lime			280	313			
Slate			313	330			
Lime			330	377			
Slate			377	473			
Lime			473	540			
Slate			540	575			
Lime			575	600			
Slate & Shells			600	709			
Sand			709	726			
Slate Shells			726	782			
Liney Sand			782	870			
Slate Shells			870	916			
Lime			916	953			
Shale, Dark			953	980			
Lime			980	1022			
Black Shale			1022	1090			
Slate			1090	1118			
Red Rock			1118	1170			
Sand & Lime			1170	1217	Oil	1186'	
Lime			1217	1250	Salt Water	1260'	1/2 bailer hr.



Formation	Color	Hard or Soft	Top $\%$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Maxin Sand, Hard			1250	1283			
Red Rock			1283	1330			
Slate			1330	1343			
Little Lime			1343	1360			
Pencil Slate			1360	1377			
Red Rock			1377	1386			
Big Lime			1386	1476			
Injun Sand			1476	1510			
Red Lime			1510	1550			
Sand			1550	1572			
Slate & Shells			1572	1590			
Lime			1590	1742			
Sand			1742	1800			
Sand, Hard			1800	1980			
Red Rock			1980	1990	Oil	1750'	
Sand, Hard			1990	2023	Gas Show	1831'	
Red Rock			2023	2125			
Lime			2125	2180			
Red Rock			2180	2200			
4th Sand			2200	2210			
Slate Shells			2210	2280			
5th Sand			2280	2305	Oil Show	2280'	
Slate Shells			2305	2361	Oil Show	2316'	
Lime, Sand			2361	2411			
Slate Shells			2411	2517			
Limey Sand			2517	2604			
Slate Shells			2604	2648			
Sand Shells			2648	2789			
Lime			2789	2959			
Sand			2959	2971	Gas	2959'	
Slate Shells			2971	3220			
Lime			3220	3550			
Slate Shells			3550	3700			
Lime			3700	3775			
Slate Shells			3775	4000			
Shale Limey			4000	4097			
Shale			4097	4166			
Lime			4166	4237			
Shale			4237	4250			
Benson Sand			4250	4264			
Lime			4264	4300			
Total Depth			4300'				

Date October 12, 19 65.

APPROVED Chicago Bears Football Club, Inc., Owner  
Crawford # 4 Well

By Homer Queen  
 Homer Queen (Title) Field Supt.



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west virginia department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

March 04, 2013

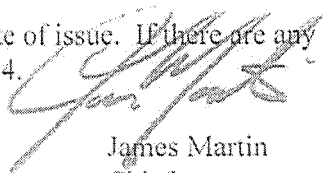
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-3300395, issued to EXCO RESOURCES (PA), LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: 4  
Farm Name: CRAWFORD, L. L.  
API Well Number: 47-3300395  
Permit Type: Plugging  
Date Issued: 03/04/2013

Promoting a healthy environment.

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: JOHN & CATHY TOMASIC Operator Well No.: L. L. CRAWFORD #4

LOCATION: Elevation: 1080' Quadrangle: PHILIPPI  
District: ELK County: HARRISON  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company EXCO RESOURCES (PA), INC. Coal Operator \_\_\_\_\_  
P.O. BOX 8 or Owner \_\_\_\_\_  
RAVENSWOOD, WV 26164

Agent DIANA STAMPER Coal Operator \_\_\_\_\_  
Permit Issued Date 03/04/2013 or Owner \_\_\_\_\_

RECEIVED  
Office of Oil & Gas

MAY 8 2013

WV Department of  
Environmental Protection

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of HARRISON ss:

RONALD S. RUPERT and JEFF LEWIS being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the APRIL day of 22, 2013, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CEMENT	4270'	3623'	4 1/2" CASING-2614'	4 1/2" CASING-1686'
CEMENT	2614'	2486'	10" CASING-256'	10" CASING-392'
CEMENT	2331'	2131'	16" CONDUCTOR-0'	16" CONDUCTOR-16'
CEMENT	1856'	1600'		
CEMENT	1450'	950'		
CEMENT	661'	500'		
CEMENT	252'	SURFACE		

Description of monument: 7" CASING WITH PERMIT NUMBER WELDED ON SIDE and that the work of plugging and filling said well was completed on the APRIL day of 30, 2013.

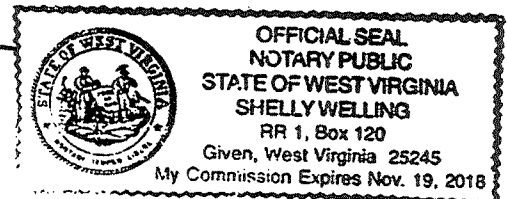
And further deponents saith not. [Signature]

[Signature]

Sworn and subscribe before me this 3 day of May, 2013

My commission expires: 11/19/18

Shelly Welling  
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature]

Title: Oil & Gas 05/17/2013