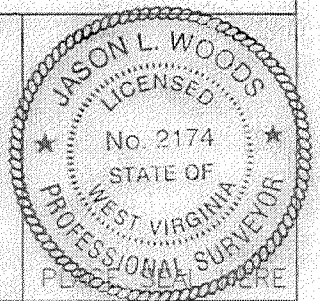


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No. 13-100-013  
DRAWING No. 13-100-013  
SCALE 1"=500'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION TRIMBLE PRO XH  
GPS UNIT

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) [Signature]  
JASON L. WOODS PS #2174



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
NITRO, WV



DATE APRIL 10 2013  
OPERATOR'S WELL No. 7285  
API WELL No.

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 775 WATER SHED MUD RUN  
DISTRICT RAVENSWOOD COUNTY JACKSON  
QUADRANGLE RIPLY

SURFACE OWNER LONNIE & THERESA HILL ACREAGE 82.5  
OIL & GAS ROYALTY OWNER JOHN FOLDEN et al LEASE ACREAGE 89  
LEASE No. 41768

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION ORISKANY ESTIMATED DEPTH 5000  
WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT PAUL AMICK  
ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS P.O. BOX 1273, CHARLESTON W.V. 25325-1273

FORM IV-6 (8-78)

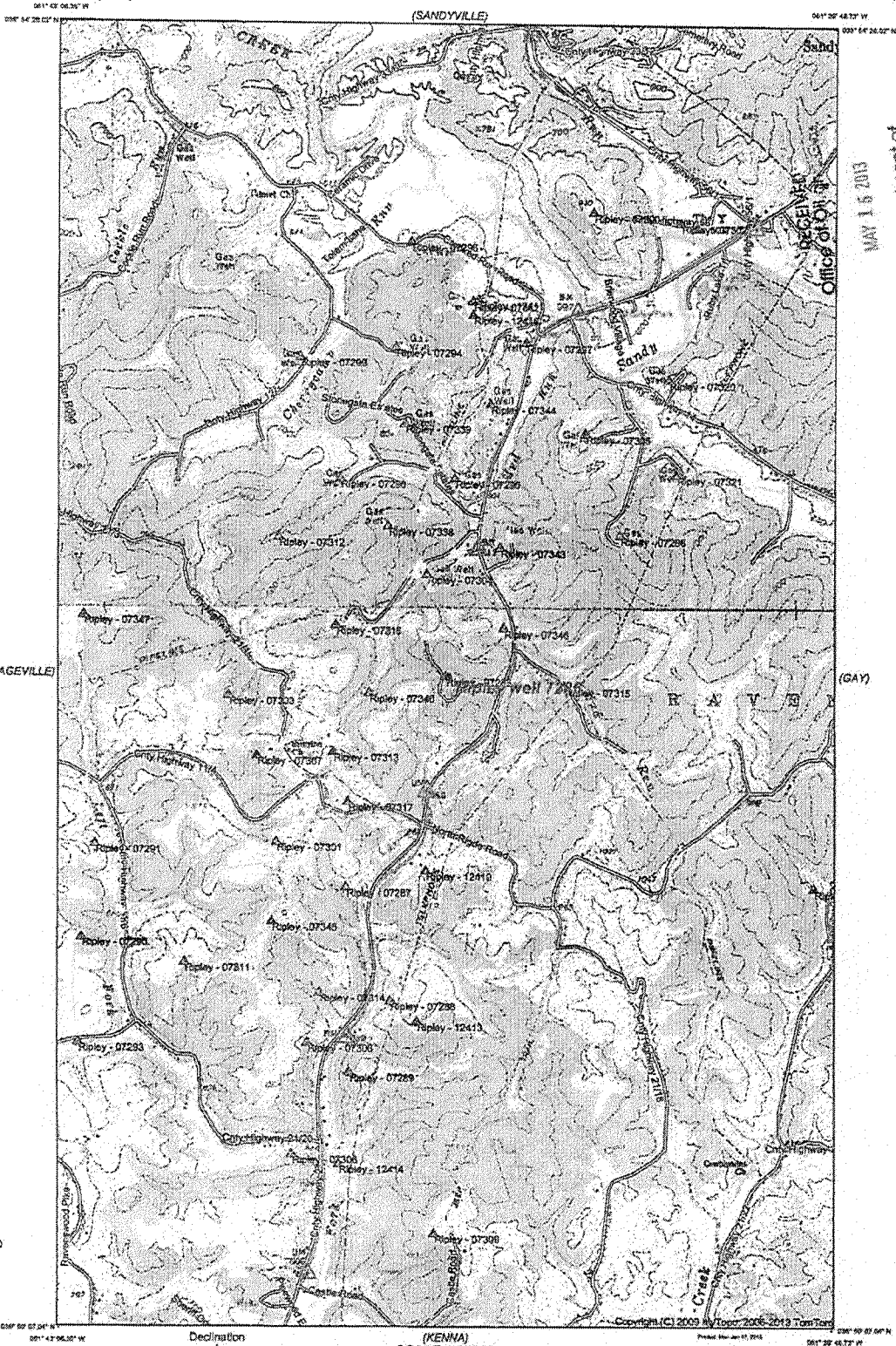
350049 P

(RAVENSWOOD)



RIPLEY QUADRANGLE  
WEST VIRGINIA  
TOPOGRAPHIC SERIES

(LIVERPOOL)



(COTTAGEVILLE)

(GAY)

Handwritten initials 'D'

(ELMWOOD)

Produced by MyTopo Terrain Navigator  
Topography based on USGS 1:24,000 Maps  
North American 1983 Datum (NAD83)  
Polyconic Projection

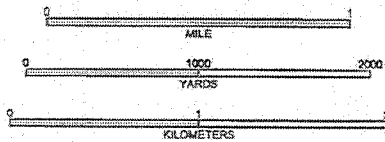
To place on the predicted North American 1927 move the  
projection lines 10M N and 13M E

Declination



GN 0.43° W  
MN 7.87° W

(KENNA)  
SCALE 1:24000

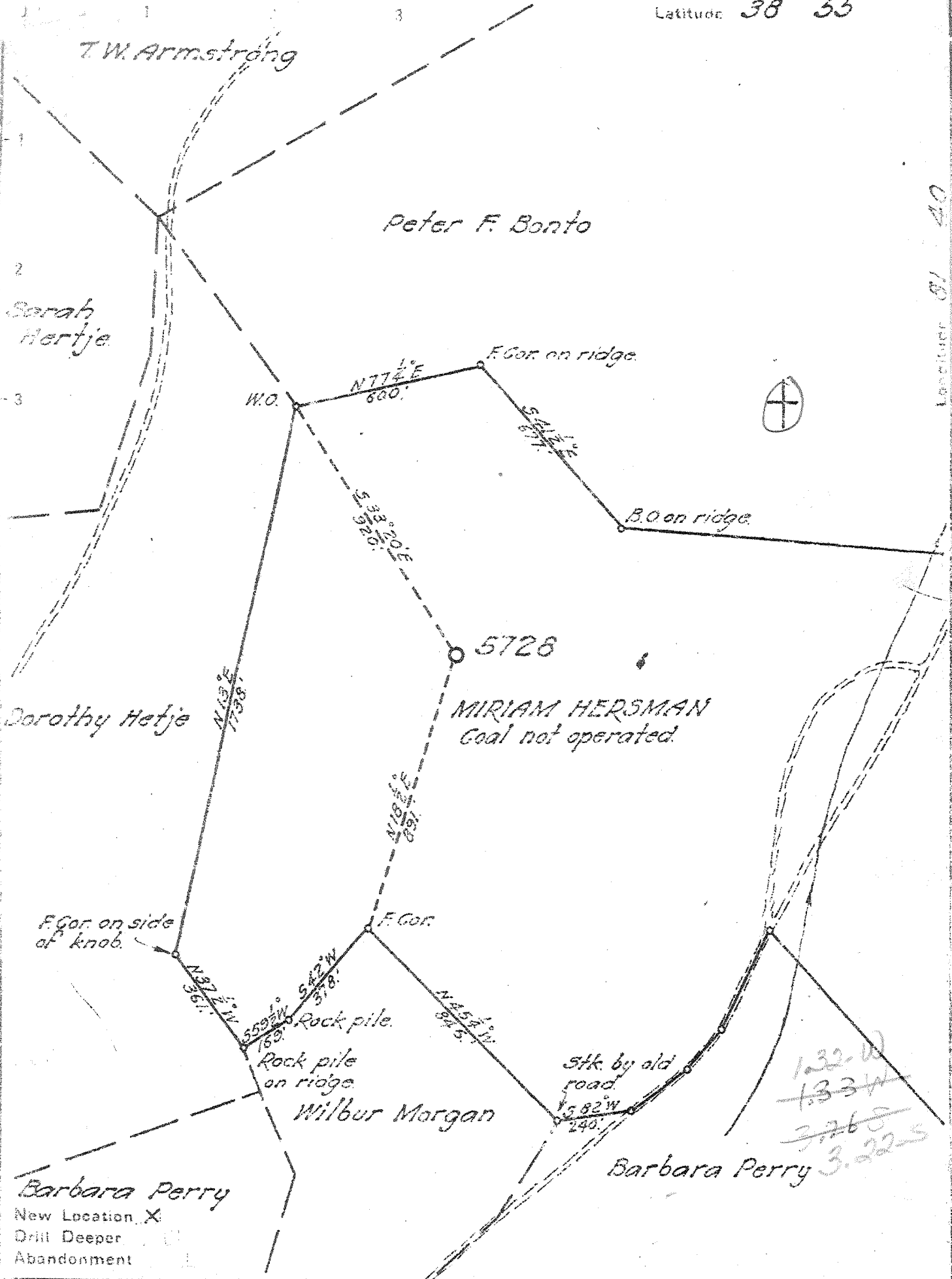


CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM 1929

RIPLEY, WV  
1960

(KENTUCK)

MAY 15 2013  
WV Department of  
Environmental Protection



Company UNITED FUEL GAS CO.  
 Address CHARLESTON W. VA.  
 Farm MIRIAM HERSMAN ET AL.  
 Tract \_\_\_\_\_ Acres 161 Lease No. 41768, 41770 & 41775  
 Well (Farm) No. \_\_\_\_\_ Serial No. 5728  
 Elevation (Spirit Level) \_\_\_\_\_ 771.8  
 Quadrangle RIPLEY WC  
 County JACKSON District RAVENWOOD  
 Engineer H.A. Cunningham  
 Engineer's Registration No. \_\_\_\_\_ 653  
 File No. 58-95 Drawing No. \_\_\_\_\_  
 Date Sept. 18, 1945 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. JAC-499

+ 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 map.

66192

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
WELL RECORD

Permit No. Jac 499  
Ripley Quad.

Gas Well  
CASING & TUBING

Company	United Fuel Gas Company		
Address	Box 1273, Charleston 25, W.Va.	13 3/8	800'
Farm	Miriam Hersman et al Acres 161	10 1/2	1227'
Location	Mud Run	8	2072'
Well No.	5728 Elev. 771.8	7	4878'
District	Ravenswood Jackson County	2	5000'
Surface	Miriam Hersman, Rt. 3, Sandyville, W.Va.		
Mineral	Miriam Hersman, Same		
Commenced	9-29-45		
Completed	12-28-45		
Not shot			
Fresh Water	366' 1 1/2 BPH; 645 8 bailers; 790' 12 bailers		
Salt Water	1360 H.F. ; 2054-2066		

Stone	0	14	Brown Shale	3900	4175
Red Rock	14	41	Slate & Shells	4175	4670
Slate	41	56	Brown Shale	4670	4864
Red Rock	56	105	Corniferous Lime - 403	4864	4960
Shells	105	115	Oriskany Sand	4960	4993
Slate	115	134	Lime	4993	4996
Red Rock	134	195	Sand } <i>Hand</i>	4996	5000
Sand	195	230	TOTAL DEPTH	<u>485</u>	5000
Red Rock	230	285			
Slate	285	294	Gas 4960 show		
Red Rock	294	332	Gas 4966-4972		
Sand	332	390	Gas 4976-4980		
Slate & Shells	390	450			
Red Rock	450	462			
Shells	462	590			
Sand - 1st P. to Sand?	590	646			
Slate	646	649			
Sand	649	662			
Slate	662	743			
Sand	743	800			
Lime	800	806			
Sand	806	870			
Red Rock	870	914			
Sand	914	943			
Slate	943	970			
Red Rock	970	1000			
Shells	1000	1030			
Red Rock	1030	1036			
Sand	1036	1040			
Slate	1040	1192			
Sand	1192	1220			
Slate & Shells	1220	1352			
Sand	1352	1400			
Slate	1400	1415			
Sand	1415	1445			
Slate & Lime	1445	1505			
Sand	1505	1542			
Slate	1542	1553			
Sand	1553	1575			
Slate & Shells	1575	1680			
Sand	1680	1782			
Slate	1782	1785			
Little Lime	1785	1805			
Slate - P. Cave?	1805	1810			
Big Lime } 340	1810	1959			
Slate	1959	1961			
Injun Sand	1961	1988			
Slate & Shells	1988	2054			
Injun Sand	2054	2066			
Slate	2066	2071			
Sand	2071	2085			
Slate & Shells	2085	2444			
Brown Shale	2444	2460			
Berea Grit	2460	2470	Gas 2465 show		
Slate & Shells	2470	3900			

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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: Hill, Lonnie & Theresa Operator Well No.: 7285

LOCATION: Elevation: 775 Quadrangle: Ripley  
District: Ravenswood County: Jackson  
Latitude: 1430 Feet South of 38 Deg. 52 Min. 30 Sec.  
Longitude: 7030 Feet West of 81 Deg. 40 Min. 00 Sec.

Well Type: OIL \_\_\_\_\_ GAS storage

Company Columbia Gas Transmiss Coal Operator not operated  
1700 MacCorkle Ave SE or Owner \_\_\_\_\_  
Charleston, WV 25325-1273 \_\_\_\_\_

Agent Paul Amick Coal Operator \_\_\_\_\_  
Permit Issued Date 6/11/13 or Owner \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Jackson ss:

James Amos and Steven Simmons 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 12th day of December, 2013, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Type I cement	0 ft	300 ft	none - cemented per CBL / not free	4-1/2", 7", & 8-5/8"
6% bentonite gel	300 ft	2300 ft	none - cemented per CBL / not free	4-1/2", 7", & 8-5/8"
Type I cement	2300 ft	2500 ft	none - cemented per CBL / not free	4-1/2" & 7"
6% bentonite gel	2500 ft	4344 ft	none - cemented per CBL / not free	4-1/2" & 7"
Type I cement	4344 ft	4853 ft	none - cemented per CBL / not free	4-1/2" & 7"
cast iron cement retainer	4853 ft	4855 ft	none - cemented per CBL / not free	4-1/2" & 7"
Type I cement	4855 ft	4982 ft	none - cemented per CBL / not free	4-1/2"

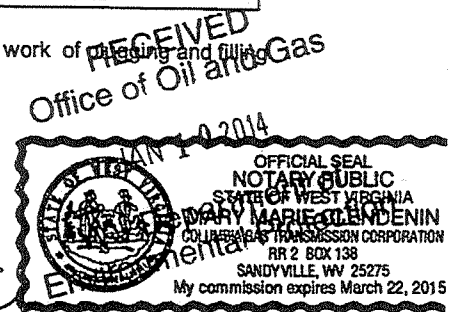
Description of monument: 7" casing stub with "API 0499" tack welded to side (30" above GL) and that the work of plugging and filling said well was completed on the 18th day of December, 2013.

And further deponents saith not. James Amos  
Steven Simmons

Sworn and subscribe before me this 9th day of January, 2014

My commission expires: 3/22/2015

Mary Marie Clendenin  
Notary Public  
James Amos



Affidavit reviewed by the Office of Oil and Gas: \_\_\_\_\_ Title: 01/31/2014