

17 03103 P.

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-017-03103 WELL NO.: J. Camp #1
FARM NAME: Camp, Jennings & Wanda WV INC.
RESPONSIBLE PARTY NAME: EXCO Resources (PA), LLC
COUNTY: Doddridge DISTRICT: McClellan
QUADRANGLE: Folsom 349
SURFACE OWNER: Jennings & Wanda Camp
ROYALTY OWNER: _____
UTM GPS NORTHING: 4360364.81m
UTM GPS EASTING: 538962.29m GPS ELEVATION: 311.63m / 1022.41'

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.

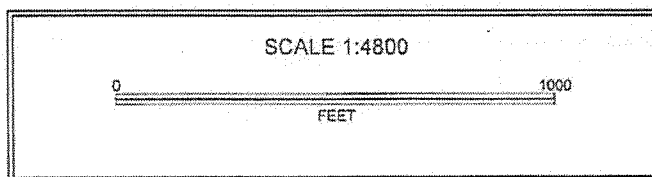
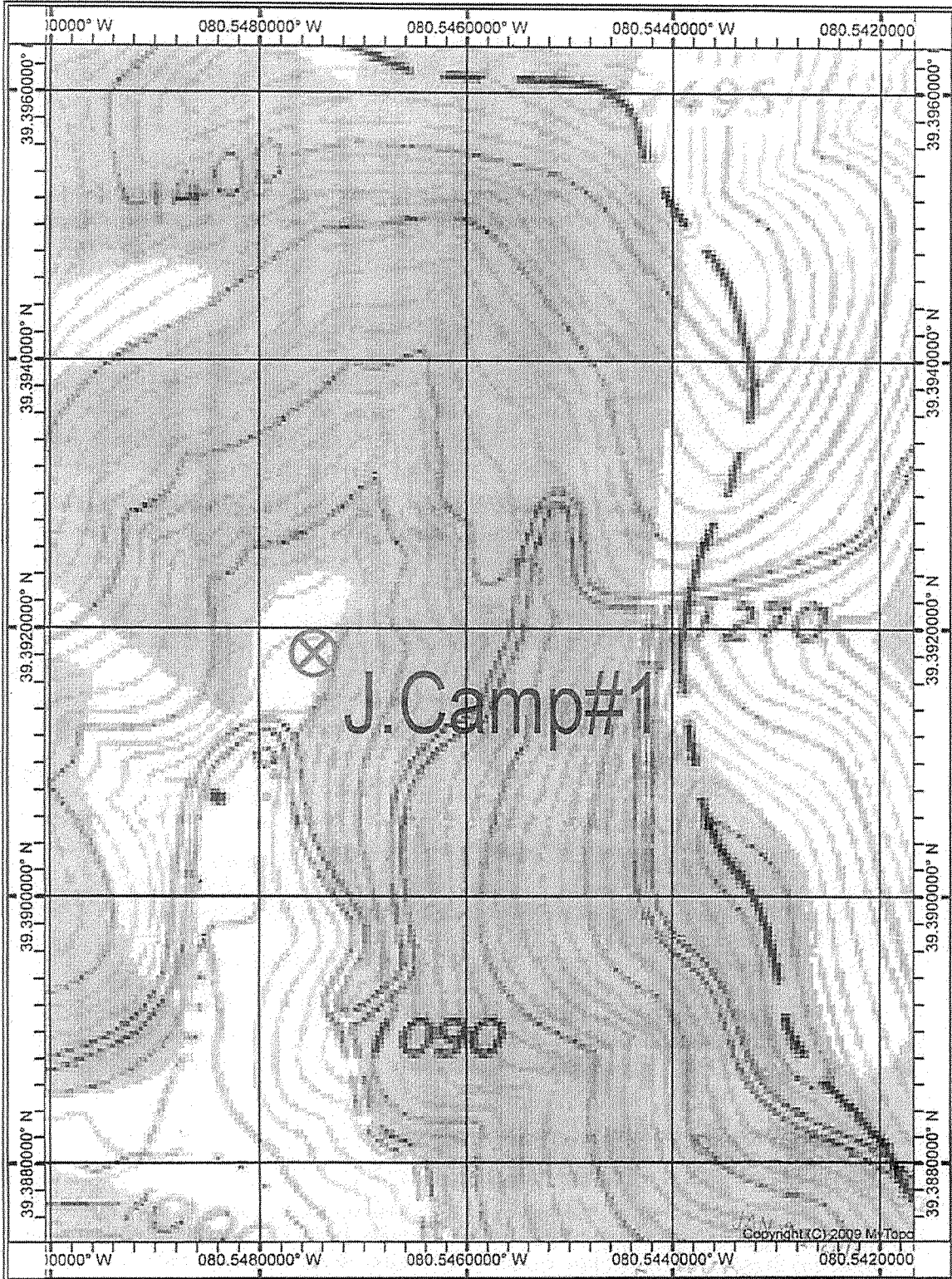
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

[Signature]
Signature

Construction Specialist I
Title

2-20-13
Date

1703103P



Department of
Environmental Protection

CAMP LEASE

CAMP NO. 1

47-017-03103

56.5 ACRES±

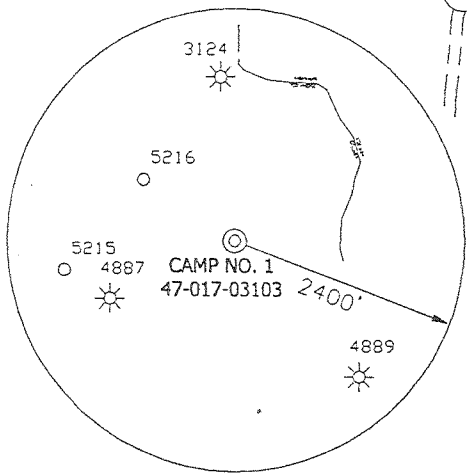
CAMP NO. 1
 47-017-03103
 STATE PLANE
 COORDINATES
 NORTH ZONE
 (N) 326538
 (E) 1703894

THOMPSON
 221.47 ACRES±

JENNINGS CAMP
 56.5 ACRES±
 (53.5 ACRES±)

JENNINGS CAMP
 72 ACRES±

CAMP NO. 1
 47-017-03103



CONCRETE MONUMENT

HARRISON DODDRIDGE

COUNTY

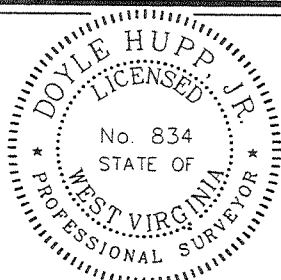
NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 154 AT PAGE 349 AND INFORMATION PROVIDED BY NORTH COAST ENERGY EASTERN, INC. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JUNE, 2007 AND INFORMATION PROVIDED BY NORTH COAST ENERGY EASTERN, INC. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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.

P.S. 834

 HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 22, 20 07
 OPERATORS WELL NO. CAMP NO. 1
 API WELL NO. 47-017-3103F
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1629 (BK33-13)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

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



WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION : ELEVATION 1041' WATERSHED PIKE FORK
 DISTRICT McCLELLAN COUNTY DODDRIDGE QUADRANGLE FOLSOM 7 5'
 SURFACE OWNER JENNINGS & WANDA CAMP ACREAGE 56.5±
 ROYALTY OWNER JENNINGS & WANDA CAMP LEASE ACREAGE 56.5±
 PROPOSED WORK : LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) RE-WORK TARGET FORMATION GORDAN SANDS
 ESTIMATED DEPTH 2739-2880'

WELL OPERATOR NORTH COAST ENERGY EASTERN, INC. DESIGNATED AGENT DAVID L. COX
 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164

M. 3 4/27/82

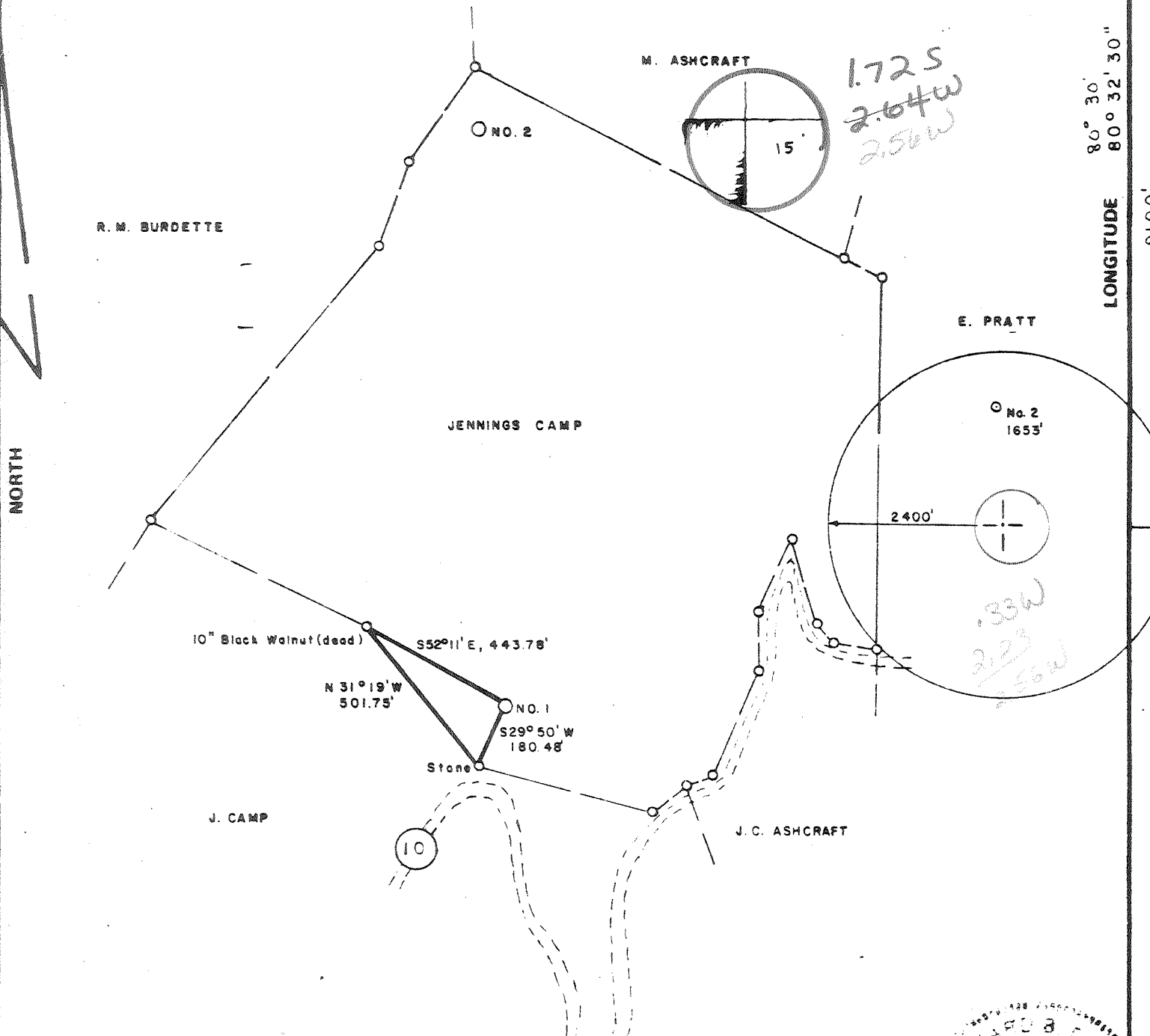
PLAT CARD 030

1750'

LATITUDE 39° 25' 00"

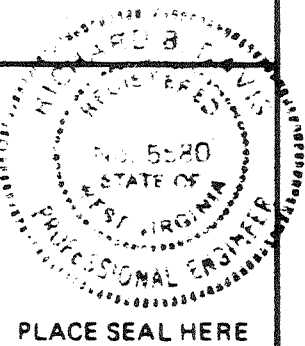
LONGITUDE 80° 32' 30"

9100'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION INTER. CO. RTS. 10 & 10/5 ELEV. - 1090'

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 DEPARTMENT OF MINES.
 (SIGNED) R. M. Burdette
 R.P.E. 5580 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE APRIL 12, 19 82
 OPERATOR'S WELL NO. CAMP NO. 1
 API WELL NO. 47 - 017 - 3103
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1036' WATER SHED PIKE FORK
 DISTRICT McCLELLAN COUNTY DODDRIDGE
 QUADRANGLE FOLSOM 7.5 min. Centerpoint EC
 SURFACE OWNER JENNINGS CAMP ACREAGE 56.50
 OIL & GAS ROYALTY OWNER JENNINGS CAMP LEASE ACREAGE 56.50
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 DEVONIAN SHALE ESTIMATED DEPTH 5000'
 WELL OPERATOR SWIFT ENERGY COMPANY DESIGNATED AGENT TIM BENNETT
 ADDRESS 652 E. NORTH BELT ADDRESS 737 KARL ST.
 HOUSTON, TEXAS 77060 WESTON, WV 26452

(99) MAY 17 1982



IV-35
(Rev 8-81)

RECEIVED

JAN 31 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date October 15, 1982
Operator's Jennings Camp #1
Well No. Jennings Camp #1
Farm _____
API No. 47 - 017 - 3103

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1036' Watershed Pike Fork
District: McClellan County Doddridge Quadrangle Folsom 7.5'

COMPANY Swift Energy Company
ADDRESS P. O. Box 2201 Clarksburg
DESIGNATED AGENT Tim Bennett
ADDRESS 737 Karl St., Weston, WV 26452
SURFACE OWNER Jennings & Wanda Camp
ADDRESS P. O. Box 235, Shinnston, WV 26431
MINERAL RIGHTS OWNER Jennings & Wanda Camp
ADDRESS same
OIL AND GAS INSPECTOR FOR THIS WORK Steven Casey ADDRESS Rt. 2, Box 232D, Jane Lew, WV 26378
PERMIT ISSUED April 26, 1982
DRILLING COMMENCED May 5, 1982
DRILLING COMPLETED September 16, 1982
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1576'	1576'	400
7			
5 1/2		5487'	820
4 1/2			
3			
2 3/8"		4489'	
Liners used		2 7/8"-854	50

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5,000 feet
Depth of completed well 5619 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 72 feet; Salt - feet
Coal seam depths: none Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation *1st & 2nd Elk *see back* Pay zone depth 5046 feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 732 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 2 1/2 hours
Static rock pressure 1100 psig (surface measurement) after 12 hours shut in
(If applicable due to multiple completion--)
Second producing formation #Benson Pay zone depth 4525; 4036' feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

8/21/82 ^{Alex.} 1st & 2nd Etk - 5088'-5004'-16', 10,000 #80-100 SD 32,500 #20-40 SD 500 GA, 500 BGW.

Benson - 4504'-08', 4533-35, 4544'-46', 10,000 #80-100 SD, 32,500 #20-40 SD, 500 GA, 500 BGW.

Benson Stray - 4034'-38', 4,000 #80-100 SD, 12,000 #20-40 SD, 500 GA, 500 BGW.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
					Water 72' 1"
					Gas check 2068' no show
					Gas check 2194' no show
					Gas check 2600' no show
					Gas check 2663' no show
					Gas check 2820' no show
					Gas check 3005' no show
					Gas check 3067' 12/10-3/4"
Sand + shale			0	660	Gas check 4059' no show
Shale, gray			660	910	Gas check 4654' 10/10-3/4"
Sand + shale			910	1985	Gas check 5060' 4/10-3/4"
L lime gray			1985	2007	Gas check 5431' 6/10-3/4"
Shale			2007	2023	
Big Lime			2023	2125	
Sand (Big Injun)			2125	2176	
Sand + shale			2176	2522	
Sand (Gantz)			2522	2552	
Sand + shale			2552	2739	
Gordon Stray			2739	2769	
Sand (Gordon) + shale			2760	2855	
Sand + shale			2855	3891	
Sand (Speechley)			3891	3930	
Sand + shale			3930	4532	
Sand (Riley)			4532	4567	
Sand + shale			4567	5359	
Sand (Alexander) + shale			5359	5619 TD	

Brallier @ TD

*5619
4746 - ~200' Benson
873 expl ftg.*

*5619
4546
1073' Benson*

(Attach separate sheets as necessary)

Swift Energy Company
Well Operator
By: *[Signature]* Virgil N. Swift
Date: 1-24-83

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ..., encountered in the drilling of a well."

WR-35

24-Aug-07
API#: 47-017-03103-F

STATE OF WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas

WELL OPERATOR'S REPORT of WELL WORK

Farm Name: CAMP, JENNINGS & WANDA Operator Well No.: J CAMP #1-F

Location: Elevation: 1041 7.5' Quad.: FOLSOM

District: MCCLELLAN County: DODDRIDGE
Latitude: 9,030 Feet South of 39 Deg. 25 Min. 00 Sec.
Longitude: 1,690 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: **North Coast Energy Eastern, Inc.**
P. O. BOX 8
RAVENSWOOD, WV 26164

Agent: George M. Puskas

Inspector: Mike Underwood
Permit Issued: 08/24/07
Well Work Commenced (spud): 09/14/07
Well Work Completed (T.D.): 10/05/07
Verbal Plugging
Permission Granted on:
Rotary Cable Rig
Total Depth (feet):
Fresh Water Depths (feet):
See Original WR-35
Salt Water Depths (feet):
See Original WR-35
Is coal being mined in area?
Coal Depths (ft): See Original WR-35

Casing & Tubing (Size-O.D.)	Used in Drilling (feet)	Left in Well (feet)	Cement Type (sacks)
8 5/8"		1576	EXISTING
5 1/2"		5487	EXISTING

OPEN FLOW DATA

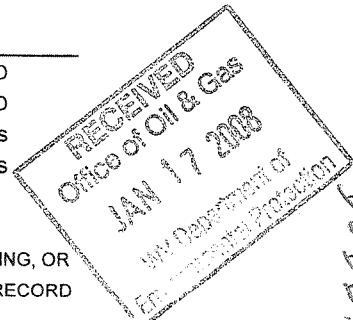
Producing formation GORDON SAND Pay zone depth (ft) 2745-2886
Gas: Initial open flow not taken MCF/D Oil: Initial open flow BBL/D
Final open flow 80 MCF/D Final open flow BBL/D
Time of open flow between initial and final tests 8 Hours
Static rock pressure 135 psig (surface pressure) after 8 Hours

2nd producing form. Pay zone depth (ft)
Gas: Initial open flow not taken MCF/D Oil: Initial open flow BBL/D
Final open flow * MCF/D Final open flow BBL/D
Time of open flow between initial and final tests * Hours
Static rock pressure * psig (surface pressure) after * Hours

*Note: Open-flows & Rock Pressure are combined

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING, OR STIMULATING, PHYSICAL CHANGE, ETC; 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGIC RECORD OF ALL FORMATIONS, INCLUDING COAL, ENCOUNTERED BY THE WELLBORE.

For: George M Puskas
NORTH COAST ENERGY Eastern, Inc.
By: George M. Puskas, Designated Agent
Date: 16-Jan-08



FEB 08 2008

10220, 3103 F

WR-35
(Reverse)

API / Permit #: 47-017-03103-F
North Coast Well #: J CAMP #1-F
Elevation: 1041 GL 1051 KB

DETAILS OF PERFORATING, FRACTURING, OR PHYSICAL CHANGE, ETC.

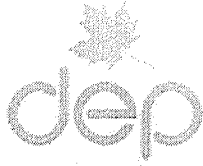
SET SOLID MECHANICAL BRIDGE PLUG AT 4400'. SET SECOND BRIDGE PLUG AT 3100'
PERFORATED THE GORDON SAND FROM 2745 TO 2886 USING 54 HOLES.
FRAC'D THE GORDON SAND WITH 20,000# 20/40 SAND, 467,000SCF OF NITROGEN,
AND 140BBL CLEAR FRAC FLUID

WELL LOG

ROCK TYPE OR FORMATION NAME	TOP	BOTTOM	REMARKS
SEE ORIGINAL WR-35 FOR FORMATIONS			

RECEIVED
Office of Oil & Gas
JAN 17 2008
DEPARTMENT OF
NATURAL RESOURCES

FEB 08 2008



west virginia department of environmental protection

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. Hullman, Cabinet Secretary
www.dep.wv.gov

March 04, 2013

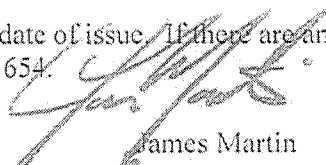
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1703103, issued to EXCO RESOURCES (WV), INC., 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: J. CAMP 1
Farm Name: CAMP, JENNINGS & WANDA
API Well Number: 47-1703103
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

RECEIVED
Office of Oil & Gas

APR 30 2013

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.

WV Department of
Environmental Protection

Farm name: CAMP, JENNINGS & WANDA Operator Well No.: J. CAMP 1

LOCATION: Elevation: 1041' Quadrangle: FOLSOM 349

District: McClellan County: Doddridge

Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.

Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Well Type: OIL _____ GAS X

Company EXCO Resources WV Coal Operator Tetrick Mineral Properties
PO Box 8 or Owner _____
Ravenswood, WV 26164 _____
Coal Operator _____
Agent Diana Stamper or Owner _____
Permit Issued Date 3/04/2013 _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Roane ss:

Terry Rexroad and Darrell Shamblin 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 4 day of April, 2013, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
6% gel	4660	surface	1236' of 4 1/2	4251' of 4 1/2
cement	4660	4400		854' of 2 7/8" liner
cement	4100	4000		1576' of 8 5/8"
cement	2900	2700		
cement	1236	950		
cement	500	400		
cement	100	Surface		

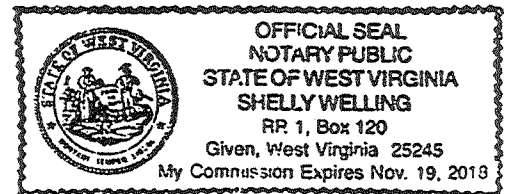
Description of monument: 7' casing with api# welded on and that the work of plugging and filling said well was completed on the 15 day of April, 2013.

And further deponents saith not. Terry Rexroad
Darrell Shamblin

Sworn and subscribe before me this _____ day of _____, 20____

My commission expires: 11/19/2018

Shelly Welling
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Douglas Newton

Title: Oil & Gas Inspector

05/03/2013