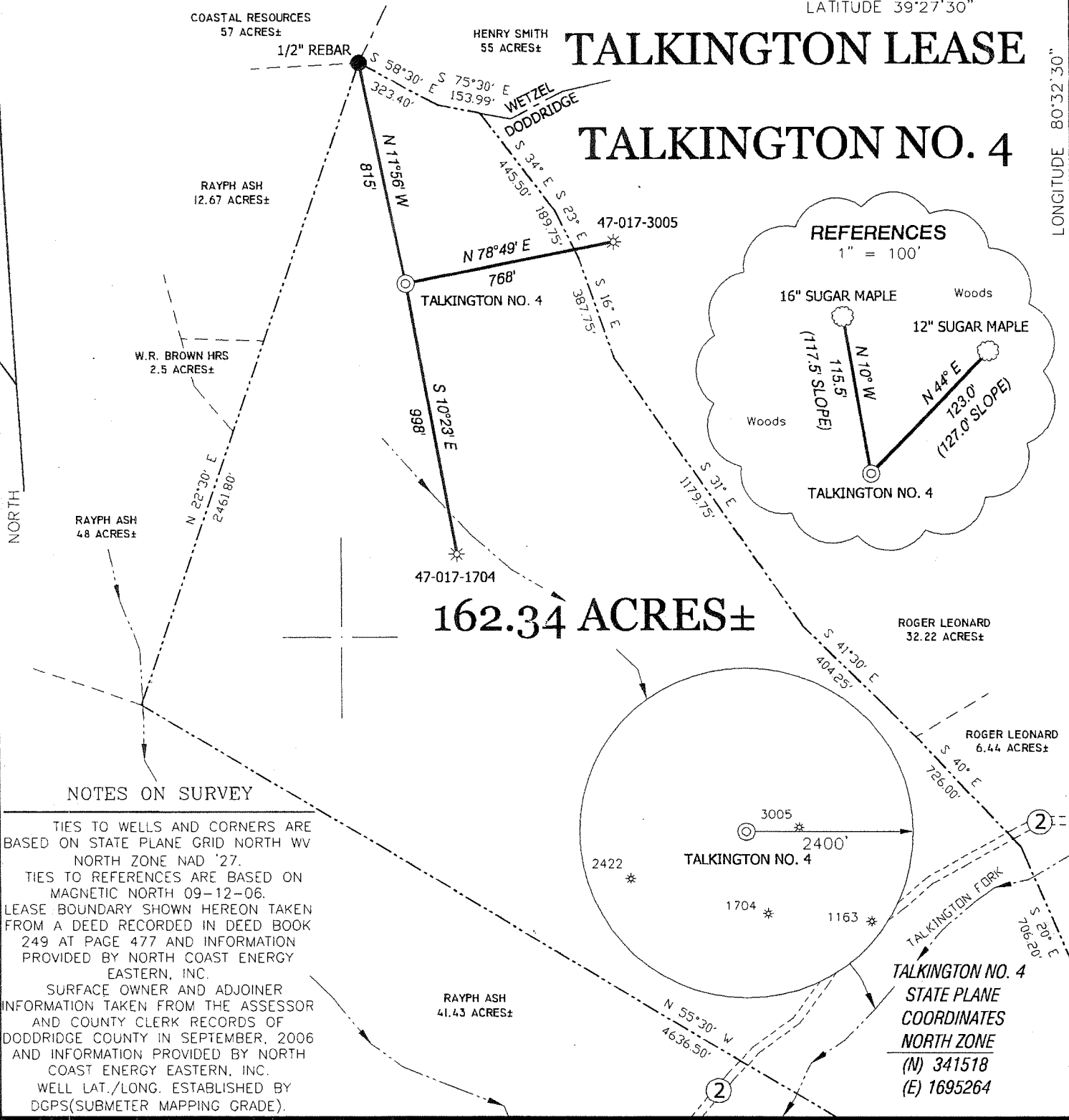


# TALKINGTON LEASE

## TALKINGTON NO. 4

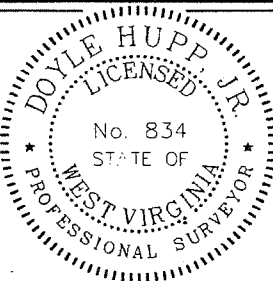


### NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.  
 TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09-12-06.  
 LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 249 AT PAGE 477 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 SEPTEMBER, 2006 AND INFORMATION PROVIDED BY NORTH COAST ENERGY EASTERN, INC.  
 WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

TALKINGTON NO. 4  
 STATE PLANE  
 COORDINATES  
 NORTH ZONE  
 (N) 341518  
 (E) 1695264

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.




(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE SEPTEMBER 18, 2006  
 OPERATORS WELL NO. TALKINGTON NO. 4  
 API WELL NO. 47-017-05673  
 STATE COUNTY PERMIT

P.S. 834  
 Doyle Hupp Jr.  
 HUPP Surveying & Mapping  
 P.O. Box 647 Grantsville, WV 26147  
 (304) 354-7035 EMAIL: surveyor@depolltd.com

MINIMUM DEGREE OF ACCURACY 1/200  
 FILE NO. W1519 (BK29-70)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE)  
 SCALE 1" = 500'

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



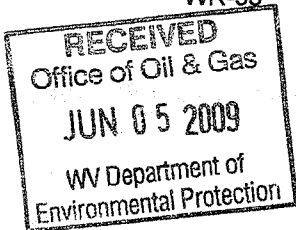
WELL TYPE : OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION :  
 ELEVATION 1,270' WATERSHED TRIBUTARY OF TALKINGTON FORK  
 DISTRICT McCLELLAN COUNTY DODDRIDGE QUADRANGLE FOLSOM 7.5'  
 SURFACE OWNER RAYPH A. & REVA M. ASH ACREAGE 159.5±  
 ROYALTY OWNER CHARLES WM. SCOTT, Jr. et al LEASE ACREAGE 162.34±  
 PROPOSED WORK : LEASE NO. \_\_\_\_\_  
 DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_ PERFORM NEW FORMATION \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION BENSON, RILEY  
 ESTIMATED DEPTH 5540'

WELL OPERATOR NORTH COAST ENERGY EASTERN, INC. DESIGNATED AGENT GEORGE M. PUSKAS  
 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164

Smithton-Flint-Sedalia LO (99)

MAY 16 2008

WR-35

14-May-08  
API#: 47-017-05673

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

**WELL OPERATOR'S REPORT of WELL WORK**

Farm Name: ASH, RALPH & REVA Operator Well No.: TALKINGTON #4Location: Elevation: 1270 7.5' Quad.: FOLSOMDistrict: MCCLELLAN County: DODDRIDGE  
Latitude: 9,320 Feet South of 39 Deg. 27 Min. 30 Sec.  
Longitude: 10,560 Feet West of 80 Deg. 32 Min. 30 Sec.Company: **North Coast Energy Eastern, Inc.**  
P. O. BOX 8  
RAVENSWOOD, WV 26164Agent: Jon UllomInspector: David ScranagePermit Issued: 05/14/08Well Work Commenced (spud): 09/25/08Well Work Completed (T.D.): 10/04/08

Verbal Plugging

Permission Granted on:

Rotary X Cable \_\_\_\_\_ RigTotal Depth (feet): 5608Fresh Water Depths (feet): 1" STREAM @ 1767'

Salt Water Depths (feet):

NONE REPORTEDIs coal being mined in area? NCoal Depths (ft): N/A

Casing & Tubing (Size-O.D.)	Used in Drilling (feet)	Left in Well (feet)	Cement Type (sacks)
13 3/8"	42	42	None Used
9 5/8"	366	366	135 SX Class A Cement
7"	2117	2117	355 SX Class A Cement
4 1/2"	5570	5570	205 SX Strong Lite Cement

**OPEN FLOW DATA**Producing formation BALLTOWN Pay zone depth (ft) 4586-4592Gas: Initial open flow not taken MCF/D Oil: Initial open flow -- BBL/DFinal open flow \* MCF/D Final open flow -- BBL/DTime of open flow between initial and final tests \* HoursStatic rock pressure \* psig (surface pressure) after \* Hours2nd producing form. BENSON Pay zone depth (ft) 5304-5339Gas: Initial open flow not taken MCF/D Oil: Initial open flow -- BBL/DFinal open flow ??? MCF/D Final open flow -- BBL/DTime of open flow between initial and final tests ??? HoursStatic rock pressure 580 psig (surface pressure) after 14 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:

Jon Ullom  
**NORTH COAST ENERGY Eastern, Inc.**By: Jon UllomDate: 1-Jun-09

AUG 28 2009

WR-35  
(Reverse)

API / Permit #: 47-017-05673  
North Coast Well #: TALKINGTON #4  
Elevation: 1270 GL 1280 KB

---

---

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

---

---

PERFORATED THE BALLTOWN FROM 4586 TO 4592 USING 24 HOLES.  
BALLTOWN NOT STIMULATED.

PERFORATED THE BENSON SAND FROM 5304 TO 5339 USING 42 HOLES.  
FRAC'D THE BENSON SAND WITH FOAM FRACTURE TREATMENT: 34,400 Lbs. Of 20/40 Sand,  
360 BBLs of fluid, 445,000 SCF of N<sub>2</sub>

**WELL LOG**

ROCK TYPE OR FORMATION NAME	TOP	BOTTOM	REMARKS
SAND AND SHALE	0	2252	
BIG LIME (GREENBRIER)	2252	2313	
KEENER	2313	2343	
BIG INJUN	2343	2400	
SQUAW	2405	2409	
SHALE	2409	2848	
BEREA SAND	2848	3019	
SHALE	3019	3036	
GORDON SILTSTONE	3036	3090	
SHALE	3090	3129	
FOURTH SAND	3129	3186	
SHALE AND SILTSTONE	3186	5115	
RILEY	5115	5218	
SHALE	5218	5316	
BENSON	5316	5480	
ELK	5495	5513	
DEPTH DRILLER		5615	
DEPTH LOGGER		5608	