



west virginia department of environmental protection

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

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Monday, May 22, 2017
NOTICE OF PERMIT CANCELLATION
Horizontal / Horizontal Well - 1

EQT PRODUCTION COMPANY (A)
120 PROFESSIONAL PLACE
BUILDING II
BRIDGEPORT, WV 26330

Re: Permit cancellation for 511417 - HIGGINBOTHAM
47-097-03814-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-097-03814-00-00, has been received by the Office of Oil and Gas. The permit has been cancelled as of 2/15/2012.

If there are any questions, please feel free to contact me at (304) 926- 0450.

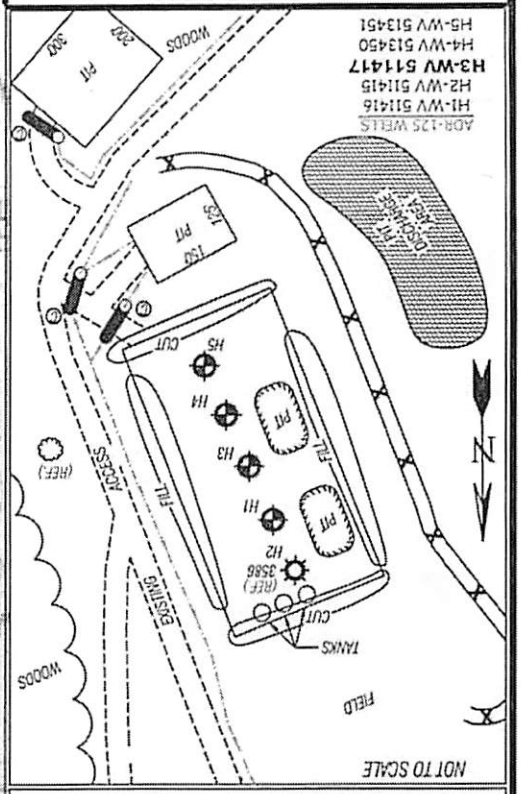
James A. Martin
Chief



Operator's Well Number: 511417 - HIGGINBOTHAM
Farm Name: BELL, CHARLES R. SR.
U.S. WELL NUMBER: 47-097-03814-00-00
Horizontal / Horizontal Well - 1
Date Cancelled: 2/15/2012

Promoting a healthy environment.

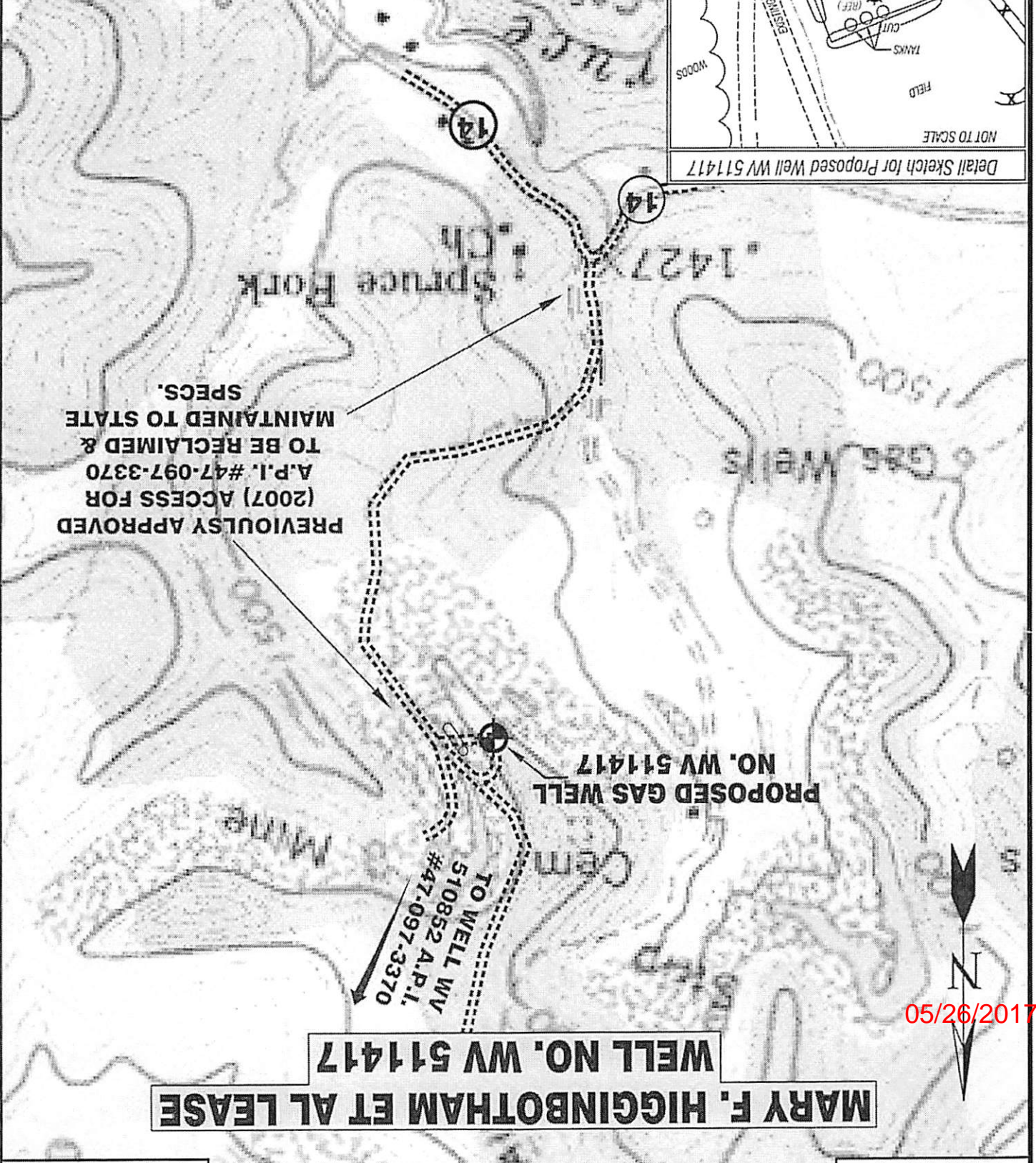
05/26/2017



Detail Sketch for Proposed Well Wv 511417

USGS ADRIAN 7.5' QUADRANGLE
 TOPO SECTION OF
 SCALE: 1"=500'
 0 500 1000

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRIES AT COUNTY/STATE REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.
 SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.
 EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.
 TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.
 CUT & STACK ALL MARKETABLE TIMBER.
 STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.
 APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLICABLE).
 12" MIN. UNLESS OTHERWISE NOTED
 = EXISTING CULVERT
 = PROPOSED CULVERT
 = PROPOSED STREAM CROSSING (IF APPLICABLE) - SEE TABLE FOR CULVERT DETAIL



05/26/2017

CANCELED

FORM WV 6

1,390'

LONGITUDE 80°17'30"

BOTTOM HOLE WELL NO. WV 511417

LATITUDE 39°00'00"

TM 4F-10

MARY F. HIGGINBOTHAM ET AL LEASE 500 ACRES ± WELL NO. WV 511417

5/8" REBAR FOUND

3060

0082

34" BEECH FOUND

MIKE ROSS INC. 312.84 ACRES ±

BOTTOM HOLE WELL NO. WV 511417
STATE PLANE COORDINATES (SOUTH ZONE)

LANDING POINT WELL NO. WV 511417
STATE PLANE COORDINATES (SOUTH ZONE)

N. 731,734
E. 2,196,683

N. 725,090
E. 2,199,101

LAT=(N) 39.00743
LONG=(W) 80.30792

LAT=(N) 38.98914
LONG=(W) 80.29958

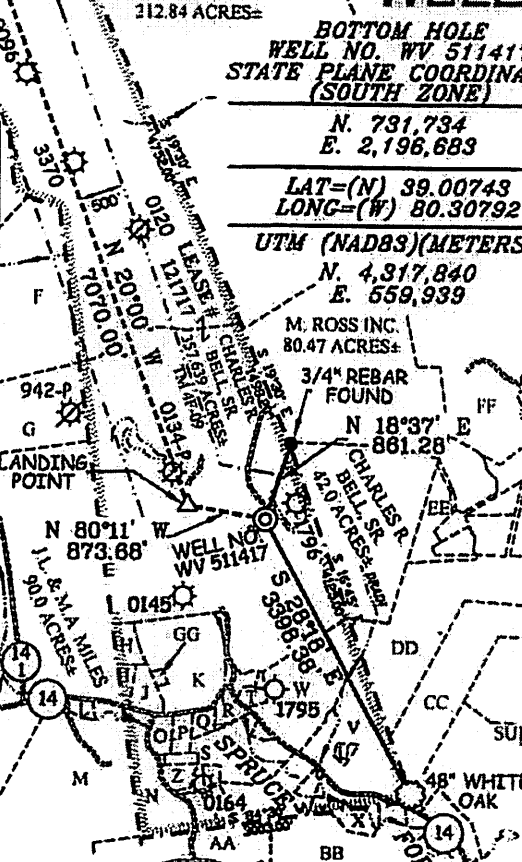
UTM (NAD83)(METERS)

N. 4,317,840
E. 559,939

UTM (NAD83)(METERS)

N. 4,315,816
E. 560,876

OWNER	ACRES ±
A JAMES LEROY MEHR	24.39
B CHARLES J. & JEAN C. JOHNSON	56.13
C BLAIRE SNYDER	7.49
D STEVEN A. CASTO	146.915
E EDWIN M. QUEEN	80
F DORIS JEAN ARNOVITZ	66.76
G EVA KATHRYN HOWES	80
H ERIC S. & SHERRY L. CLAUS	2.11
I ERIC S. & SHERRY L. CLAUS	1.38
J JOSEPH & BELINDA GONTAREK	2.383
K RICHARD CARL CURRY	14.5
L KATHERINE L. & MIKE J. CRAWFORD	1.23
M RICHARD BOOTH ET AL	78.87
N DARRYL D. BEVERLIN	2.10
O JACK A. & SHARON L. LEWIS	3.09
P JOAN D. STULTNER	2.0
Q TIMOTHY S. RATLIFF	1.19
R CLIFFORD & ALDA E. SUMMERS	1.96
S JAMES E. DOWELL	9.39
T BRADFORD KNIGHT, JR	1.48
U JO ANN HOOVER	1.0
V JO ANN HOOVER	18.5
W SHARON WILLIAMS	20.00
X GARY L. DOWELL	3.13
Z JACKIE A. OR SHARON L. LEWIS	2.45
AA RANDAL G. & BARBARA SHIPLEY	100
BB GARY L. DOWELL	47.18
CC MAMIE STARKBY	24.96
DD LYNN & ARAMIDA HARRIS	37.93
EE JOHN SKRUCK	1.98
FF MIKE ROSS INC	17.50
GG RICHARD C. CURRY ET AL	LOT



WELL NO. WV 511417
STATE PLANE COORDINATES (SOUTH ZONE) (NAD27)

N. 724,941
E. 2,198,962

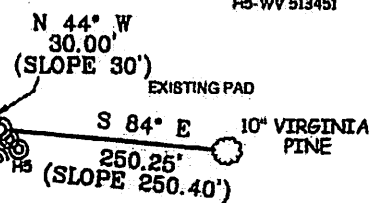
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LONG=(W) 80.29656

UTM (NAD83)(METERS)

N. 4,315,770
E. 560,939

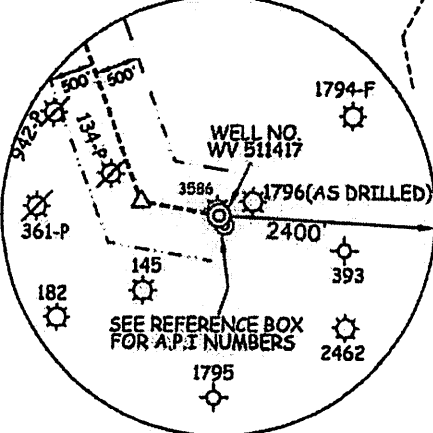
REFERENCES

- ADR-128 WELLS
- H1-WV 511416
- H2-WV 511415
- H3-WV 511417
- H4-WV 513480
- H5-WV 513451

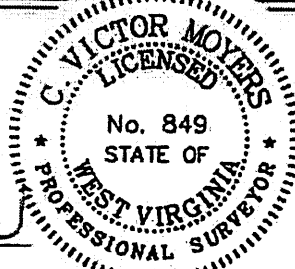


NOTES ON SURVEY

- TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
- TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH: 08/18/10.
- LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 399 AT PAGE 785.
- SURFACE OWNER AND ADDRESSEE INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN JULY, 2011. PARCELS AFFECTED BY CURRENT CHANGES CHECKED JULY, 2013.
- WELL LAT/LONG (NAD27) ESTABLISHED BY DGPS (SURVEY GRADE).
- ORIGINAL PLAT DATED 11/10/11 REVISED 07/29/11 TO UPDATE SPOT CIRCLE & ADDRESSEE INFORMATION & 11/13/13 TO EXTEND LEG & UPDATE, ETC.
- NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 SQUARE FEET) OR DWELLINGS WERE FOUND WITHIN 825 FEET OF CENTER OF PROPOSED WELL PAD.



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. *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE NOVEMBER 13, 20 13

OPERATORS WELL NO. WV 511417
API WELL NO. 47-097-03814 MOD 6A
STATE COUNTY PERMIT
CANCELED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6282P511417R3
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 200'

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 1,572 (ACTUAL PAD) WATERSHED TRIBUTARY OF SPRUCE FORK
DISTRICT BUCKHANNON COUNTY UPSHUR QUADRANGLE ADRIAN 7.5'

SURFACE OWNER CHARLES R. BELL, SR. ACREAGE 357.639 ±
ROYALTY OWNER BISHOP OF THE PROTESTANT EPISCOPAL CHURCH OF THE DIOCESE OF W.V. (500 AC.) / WINDAMAR, INC. ET AL (151.12 AC.)

PROPOSED WORK: LEASE NO. 121717 / 991894
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) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH _____

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

03/26/2017

03/28/2014