

STATE OF LOUISIANA
OFFICE OF CONSERVATION
APPLICATION FOR PERMIT TO DRILL FOR MINERALS

FEE. \$1264

SERIAL NO. 244006
API 17081213720000

Approval Date 10/24/2011
Expiration Date 04/20/2012

41 PARISH RED RIVER
5955 FIELD LIBERTY
E165 OPERATOR ENCANA OIL & GAS (USA) INC.
14001 N. DALLAS PARKWAY
STE. 1000
DALLAS, TX 75240-0000

HORIZONTAL

SHREVEPORT DISTRICT

WELL NAME: HA RA SUI;WKP PROPERTIES 12 H

NO. 001

LOCATION OF WELL: SEC 011 T 12N R 09W M W

380' FSL & 380' FEL OF SEC. 11. PBHL: 330' FNL & 440' FWL OF SEC 12.

ZONE OR RESERVOIR OF PROPOSED COMPLETION: HAYNESVILLE

Measured Depth 20000

True Vertical Depth 12000

APPLICABLE OFFICE OF CONSERVATION ORDERS: 29B- 1

JAMES H. WELSH

JEFF WELLS

COMMISSIONER OF CONSERVATION

ISSUING AUTHORITY

BATON ROUGE OFFICE

STATE OF LOUISIANA
OFFICE OF CONSERVATION FORM MD-10-R-1
APPLICATION FOR PERMIT TO DRILL FOR MINERALS
TYPE ONLY - FILE IN DUPLICATE

(Print on Buff color paper)

OFFICE USE ONLY

OFFICE USE ONLY

No Band, 29B-1, CCSL Horiz

SERIAL NUMBER:

244006

Company Data

DATE OF APPLICATION: 10/17/2011

OPERATOR: EnCana Oil & Gas (USA) Inc.

CODE NO E165

ADDRESS: 14001 N Dallas Parkway; STE 1000

Dallas, TX 75240

Well Data

PARISH: RED RIVER

CODE NO. 41

FIELD: LIBERTY

CODE NO. 5955

WELL NAME: HA RA SUI; WKP PROPERTIES 12H

Well No.: 001

LOCATION: Section: 11 Township: 12N Range 9W

SL: 380' FSL & 380' FEL OF S11, T12N, R9W
 PROP BHL: 330' FNL & 440' FWL OF S12, T12N, R9W

PRODUCT: ☐ OIL ☒ GAS ☐ OTHER

Proposed Total Depth: 20000 feet - Measured Depth

(and TVD, if applicable) 12000 feet - True Vertical Depth

Application Fee: 1264.00 Check No.: 747481

6 Month ☒ 1 Year ☐

TYPE OF WELL

<input checked="" type="checkbox"/> New Well	
<input type="checkbox"/> Redrill	<input type="checkbox"/> Repermit
<input type="checkbox"/> Dual	<input checked="" type="checkbox"/> Horizontal
<input type="checkbox"/> Lease	<input checked="" type="checkbox"/> Unit
<input type="checkbox"/> Straight	<input type="checkbox"/> Directional

PROPOSED ZONE OF COMPLETION:

HAYNESVILLE RA

APPLICABLE CONSERVATION ORDERS:

29B; 1407-C

EFF. 1-13-09

SERIAL NUMBER OF REDRILL OR REPERMIT (if applicable):

CONTACT DATA

SEND PERMIT TO: Sharon Cook

ADDRESS:

(if different than above)

FOR ADDITIONAL

INFORMATION, CONTACT:

Phone No.:

(214)987-7174

RECEIVED RECEIVED

OCT 19 2011

OCT 24 2011

OFFICE OF CONSERVATION
SHREVEPORT, LA.OFFICE OF CONSERVATION
PERMIT SECTION

APPLICANT

SUBMITTED BY: Sharon Cook Regulatory Advisor

TYPED NAME AND TITLE

SIGNATURE:

Sharon Cook

APPLICANT'S REPRESENTATIVE SIGNATURE

OFFICE USE ONLY

OFFICE USE ONLY

FINANCIAL SECURITY REQUIRED PRIOR TO PERMITTING.

☐ Yes☒ No

DISTRICT APPROVAL:

ISSUED BY:

API No.:

1708121372

DATE: 10-19-11

DATE: 10/24/11

Exp.: 4/20/12

**STATE OF LOUISIANA
OFFICE OF CONSERVATION**

OCTOBER 20, 2011

TO: Baton Rouge Office
FROM: Shreveport District Office
ATTN: Permit Section

Enclosed please find an application from ENCANA OIL & GAS (USA) INC (E165)
DALLAS, TX for permit to DRILL their HA RA SUI;WKP PROPERTIES 12 H #1
LIBERTY field, RED RIVER Parish.

Also enclosed please find: Invoice Number 598336

Check No. 747481 in the amount of \$ 1264.00

X Well location plat

X Well location certification

Applicable Office of Conservation Order No. 29-B; 1407-C

Remarks & Recommendations:

- ❖ Complies with 1407-C effective 01/13/09.
- ❖ Well spacing set in 1407-C at 330'/660'.
- ❖ No well ever permitted/drilled to HA RA SUI.
- ❖ Comply with 29-B & 1407-C.

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OFFICE OF CONSERVATION
PERMIT SECTION

BY:


District Engineer

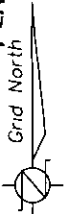
244006

Notes: All Bearings, Distances, and Coordinates shown hereon are based on the Louisiana State Plane Coordinate System, N.A.D. 27 Datum, North Zone
There are no Residential or Commercial Structures within 500' of Proposed Location
Proposed SURFACE Location is located 380 feet from the South line and 380 feet from the East line of Section 11, Township 12 North - Range 9 West, Red River Parish, Louisiana
Proposed BOTTOM HOLE Location is located 330 feet from the North line and 440 feet from the West line of Section 12, Township 12 North - Range 9 West, Red River Parish, Louisiana.
Proposed I.C.P. is located 50 feet from the South line and 440 feet from the West line of Section 12, Township 12 North - Range 9 West, Red River Parish, Louisiana
Proposed FIRST PERFORATION POINT is located 500 feet from the South line and 440 feet from the West line of Section 12, Township 12 North - Range 9 West, Red River Parish, Louisiana

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OFFICE OF CONSERVATION
SHREVEPORT, LA.



**PROPOSED
FIRST PERFORATION POINT**

LAT: 32.032510
LON: -93.253698
X: 1,766,440
Y: 497,634

**PROPOSED
BOTTOM HOLE**

LAT: 32.044784
LON: -93.253370
X: 1,766,573
Y: 502,099

1/2" I.P.F.
LAT: 32.045713
LON: -93.254765
X: 1,766,143
Y: 502,439

2" I.P.F.
LAT: 32.045616
LON: -93.237236
X: 1,771,574
Y: 502,366

PROPOSED I.C.P.

LAT: 32.031273
LON: -93.253731
X: 1,766,427
Y: 497,184

**PROPOSED
SURFACE LOCATION**

LAT: 32.032188
LON: -93.256353
X: 1,765,617
Y: 497,522
Elev: 211'

I-BOLT FOUND
SWC OF SEC. 12
LAT: 32.031273
LON: -93.253731
X: 1,766,427
Y: 497,184

AZ 112.695833°
878'

WKP PROPERTIES
PROPOSED
SURFACE
LOCATION

INDIGO MINERALS

M.S.W.
PROPERTIES, INC.

M.S.W.
PROPERTIES, INC.

T 12 N-R 9 W

**SECTION 12
HA RA SUI**

CCMP, LLC

M.S.W.
PROPERTIES, INC.

J. Q. DAVIS

CCMP, LLC

ESTATE OF
ALICE ORR MORGAN

POPHOE, LLC

CCMP, LLC

SUSTAINABLE FORESTS

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OCT 24 2011

OFFICE OF CONSERVATION
PERMIT SECTION

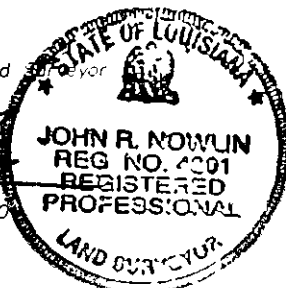
JEROME COX
ET UX

I, John R. Nowlin, Registered Professional Land Surveyor
do hereby certify that the above plat is true
and correct to the best of my knowledge.

Registered Professional Land Surveyor No. 480
State of Louisiana

PREPARED BY
STANGER
SURVEYING TYPERS, LLC

1595 E. Grand
Tyler, TX 75703
(903) 534-0174



**WELL LOCATION PLAT
ENCANA OIL & GAS (USA) INC.
HA RA SUI; WKP PROPERTIES 12H-1
RED RIVER PARISH, LOUISIANA
SCALE: 1" = 1000'**

THIS WELL IS NOT SUBJECT TO THE
PROVISIONS OF ORDER U-HS

T110696-LOC

10-17-2011