

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

...\$126.00

252182 SERIAL NO.

DATE 02/08/2021

EFFECTIVE 12/01/2020

CURRENT CODES

35 PARISH NATCHITOCHES
7870 FIELD SAN MIGUEL CREEK
60005 OPERATOR INDIGO MINERALS LLC
20 PRODUCT 600 TRAVIS
SUITE 5600
HOUSTON, TX 77002-0000

SHREVEPORT DISTRICT

2-617418 WELL NAME HA RA SULL;HALL 22-10-10 H
LOCATION OF WELL SEC 015 T 10N R 10W M W
FORMER WELL NAME:HALL 22&27-10-10 H 001 7-307033
NEW LOCATION: SAME SL. NEW BHL: 738' FSL & 614' FEL OF SEC 22- T10N- R10W.

NO. 001

INVOICE 1226665

APPLICABLE OFFICE OF CONSERVATION ORDERS: 1165- K- 32

RICHARD P. IEYOUB

CARRIE WIEBELT

COMMISSIONER OF CONSERVATION

ISSUING AUTHORITY

WELL FILE

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JAN 14 2021

FORM MD-10-R-A-1 (01/2008)

OFFICE OF CONSERVATION
SHREVEPORT, LA

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

(Print on PINK paper)

CURRENT		SERIAL NUMBER: 252182	
DATE OF APPLICATION: <u>January 13, 2021</u>		EFF DATE OF CHANGE: <u>12/01</u> October 01, 2020	
PARISH: <u>Natchitoches</u>	CODE NO. <u>35</u>		
FIELD: <u>San Miguel Creek</u>	CODE NO. <u>7870</u>		
OPERATOR: <u>Indigo Minerals LLC</u>	CODE NO. <u>60005</u>		
ADDRESS: <u>4758 Hwy 171</u> <u>Gloster, LA 71030</u>		617418	
WELL NAME: <u>HA RA SULL; HALL 22-10-10 H</u>		No. <u>001</u>	
LOCATION: Section: <u>015</u> Township: <u>10N</u> Range: <u>10W</u>			
SHL: 705' FSL & 300' FEL of Sec 015 (same as originally permitted) BHL: <u>738' FSL & 641' FEL of Sec 022</u> (changed; see as-drilled plat)			
ACTION: <input type="checkbox"/> PARISH <input type="checkbox"/> WELL NO.	<input type="checkbox"/> FIELD <input type="checkbox"/> SWD	<input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> LOCATION	<input checked="" type="checkbox"/> LEASE TO UNIT <input type="checkbox"/> UNIT TO LEASE
UNIT TO UNIT <input checked="" type="checkbox"/> LEASE TO LEASE			
CURRENT PRODUCT: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____			
COMPLETION ZONE: <u>Haynesville Reservoir A</u>			
APPLICABLE CONSERVATION ORDERS: <u>29B, Order 1165-K-32</u> eff 12/1/20 (Docket No. 20-429)			
FOR ADDITIONAL INFORMATION, CONTACT: <u>Adonya Dryden</u> Phone No.: <u>318-770-0235</u>			
SUBMITTED BY: <u>Adonya Dryden, Sr Regulatory Analyst</u>		RECEIVED	
SIGNATURE: <u><i>Adonya Dryden</i></u>		JAN 28 2021	
Phone No.: <u>318-770-0235</u>			
		OFFICE OF CONSERVATION PERMIT SECTION	
FORMERLY			
WELL NAME: <u>Hall 22&27-10-10 H</u>		No. <u>001</u>	
OPERATOR: <u>same</u>		CODE NO. _____	
PARISH: <u>same</u>		CODE NO. _____	
FIELD: <u>same</u>		CODE NO. _____	
SUBMITTED BY: <u>Adonya Dryden, Sr Regulatory Analyst</u>			
SIGNATURE: <u><i>Adonya Dryden</i></u>			
Phone No.: <u>318-770-0235</u>		Date: <u>January 13, 2021</u>	
OFFICE USE ONLY		OFFICE USE ONLY	
DISTRICT APPROVAL: <u><i>Mace Maranto</i></u>		DATE: <u>1-25-21</u>	
ISSUED BY: <u><i>James J. Gentry</i></u>		DATE: <u>2-8-2021</u>	
ISSUING AUTHORITY			

FORM MD-10-R-A-1 (01/2008)

STATE OF LOUISIANA
OFFICE OF CONSERVATION

OF 1165-K-32
CFF 12-1-2020
PT Gas
AC 646
Cmp yes
Cpl 10-31-20

January 25, 2021

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

Enclosed please find an application from INDIGO MINERALS LLC (7870)
GLOSTER, LA for permit to AMEND their HA RA SULL; HALL 22-10-10 H # 1-ALT
SAN MIGUEL CREEK Field, NATCHITOCHE Parish.

Also enclosed please find: Invoice Number 1226665

Check No. ONLINE in the amount of \$ 126.00

_____ Well location

_____ Well location certification

Applicable Office of Conservation Order No 29-B, 1165-K-32

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JAN 28 2021

Remarks & Recommendations;

OFFICE OF CONSERVATION
PERMIT SECTION

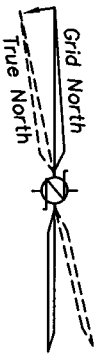
- ❖ Form MD-10-R-A-1 filed for the changes in the lease name, the lease to unit nomenclature, and the "as-drilled" BHL of the horizontal substitute unit well for HA RA SULL - surface location remains the same.
- ❖ Complies with Order 1165-K-32, effective 12/01/2020, that designates a horizontal well as a substitute unit well for HA RA SULL at the location shown on the plat attached to the Order in lieu of the cross unit horizontal well approved by Order 1165-K-21.
- ❖ Completed in the HA RA on 10/31/2020. Did not file for a test allowable.

BY: Marie Maranto
District Engineer

1. All Bearings, Distances and Coordinates shown hereon are based on the Louisiana State Plane Coordinate System, N.A.D. 27 Datum (North Zone)
2. Ownership information provided by others.
3. Lease lines shown are drawn from record information provided by others.
4. No residential or commercial structures exist within a 500' radius of the Surface Location.
5. This well is not subject to the provisions of Order U-HS.

STANGER
SURVEYING TYLER, LLC
1595 E. Grande Blvd.
Tyler, Texas 75703
(903) 534-0174

N.A.D. 1927



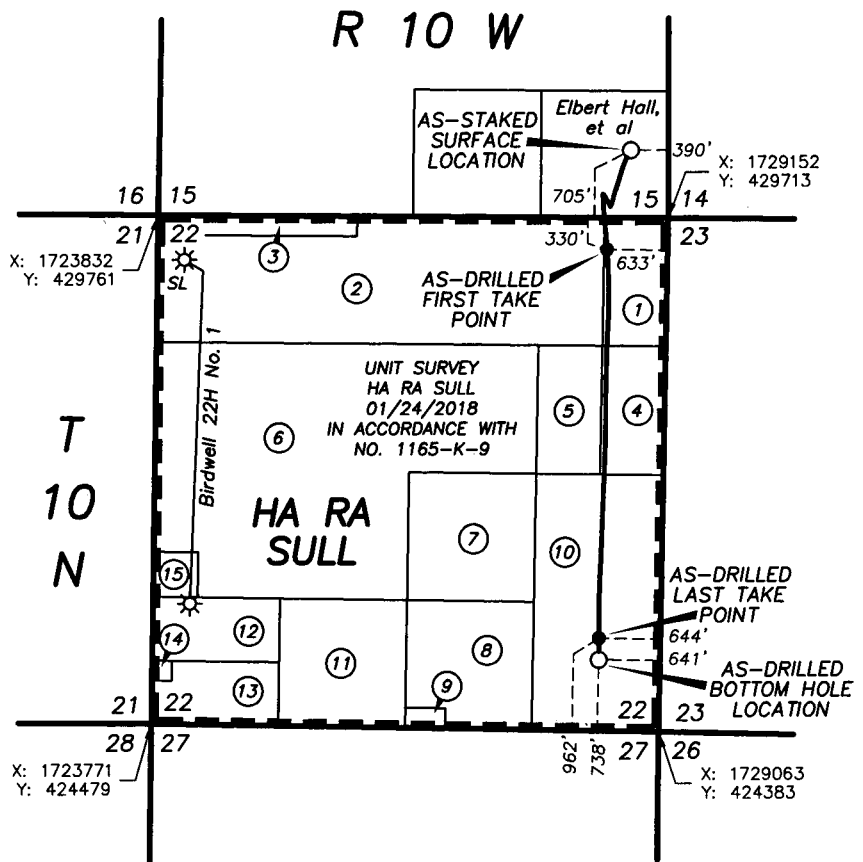
Note: This plat is not a property boundary survey and as such does not comply with the "Minimum Standards for Property Boundary Surveys" as adopted by the Louisiana Professional Engineering and Land Surveying Board; it is however in compliance with statewide order 29-B and 29-E. (Title 43 of the LAC) in regards to location plat requirements.

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JAN 14 2021

OFFICE OF CONSERVATION
SHREVEPORT, LA

Tract	Participant
1	Sherman S. Shaw, et al
2	Wilmer M. Birdwell, et ux
3	Doris V. Bowers
4	Citty Hall Wells
5	Ulysses Hall, Jr.
6	Our Lady of Guadalupe, Inv., LLC
7	Hurt Forest Products, Inc
8	Sam H. Steadman, II
9	Little Flowers Enterprises, LLC
10	William D. Durr, et ux
11	GEP Haynesville, LLC, et al
12	Donald Smith, et ux
13	Little Flowers Enterprises, LLC
14	Connie M. Lirette
15	Stephen L. Lirette, et ux



**AS-DRILLED
WELL LOCATION PLAT
INDIGO MINERALS LLC
HA RA SULL;
HALL 22-10-10H NO. 1
NATCHITOCHES PARISH, LOUISIANA
SCALE: 1" = 2000'**

AS-STAKED SURFACE LOCATION

STATE PLANE COORDINATES - LA NORTH ZONE - 1701:
NAD 27 X: 1728763 Y: 430421
NAD 83 X: 3009549 Y: 491127
GEOGRAPHIC-NAD 27: LAT: 31°50'49.06" LON: -93°22'24.70"
GEOGRAPHIC-NAD 83: LAT: 31°50'49.66" LON: -93°22'25.32"
NAT. GROUND ELEV. 175'
CALLS: 705' FSL, 390' FEL OF SECTION 15, T 10 N - R 10 W

AS-DRILLED FIRST TAKE POINT MD = 13,674'

STATE PLANE COORDINATES - LA NORTH ZONE - 1701:
NAD 27 X: 1728514 Y: 429389
NAD 83 X: 3009299 Y: 490095
GEOGRAPHIC-NAD 27: LAT: 31°50'38.83" LON: -93°22'27.50"
GEOGRAPHIC-NAD 83: LAT: 31°50'39.42" LON: -93°22'28.12"
CALLS: 330' FNL, 633' FEL OF SECTION 22, T 10 N - R 10 W

AS-DRILLED LAST TAKE POINT MD = 17,709'

STATE PLANE COORDINATES - LA NORTH ZONE - 1701:
NAD 27 X: 1728435 Y: 425357
NAD 83 X: 3009221 Y: 485839
GEOGRAPHIC-NAD 27: LAT: 31°49'58.92" LON: -93°22'28.03"
GEOGRAPHIC-NAD 83: LAT: 31°49'59.51" LON: -93°22'28.65"
CALLS: 962' FSL, 644' FEL OF SECTION 22, T 10 N - R 10 W

AS-DRILLED BOTTOM HOLE LOCATION MD = 17,933'

STATE PLANE COORDINATES - LA NORTH ZONE - 1701:
NAD 27 X: 1728435 Y: 425133
NAD 83 X: 3009221 Y: 485839
GEOGRAPHIC-NAD 27: LAT: 31°49'56.71" LON: -93°22'28.01"
GEOGRAPHIC-NAD 83: LAT: 31°49'57.30" LON: -93°22'28.64"
CALLS: 738' FSL, 641' FEL OF SECTION 22, T 10 N - R 10 W

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. 4801
State of Louisiana

12/29/20
T190495/HALL 22-10-10H #1 ASD

