

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 21 2018

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

<b>SUBMIT IN TRIPLICATE – Other instructions on page 2.</b>		5. Lease Serial No. NMNM 6682
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Encana Oil & Gas (USA) Inc.		7. If Unit of CA/Agreement, Name and/or No. NMNM 135229A
3a. Address 370 17th Street, Suite 1700 Denver, CO 80202	3b. Phone No. (include area code) 505-634-6490	8. Well Name and No. North Alamito Unit 232H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1347' FSL and 43' FEL Section 28, T23N, R7W BHL: 530' FSL and 1250' FWL Section 21, T23N, R7W		9. API Well No. 30-043-21199
		10. Field and Pool or Exploratory Area Alamito Mancos (OIL)
		11. County or Parish, State Sandoval County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Revised Access Route
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Encana Oil & Gas (USA) Inc. (Encana) is requesting approval to re-route a short section of the access road as it enters the well pad by shifting south to avoid the access traveling in a drainage. New access and pipeline plats are attached.

NMOC

JUN 13 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Steven Merrell		Title Senior Regulatory Analyst
Signature		Date 5/21/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date 6/7/18
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office FFO		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOC

7

PROPOSED ACCESS FOR  
**ENCANA OIL & GAS (USA) INC.**  
NORTH ALAMITO UNIT #232H



FKA P28-2307 #01H  
LOCATED IN THE SE/4 OF SECTION 28,  
T23N, R7W, N.M.P.M.,  
SANDOVAL COUNTY, NEW MEXICO



250' 0 250' 500'  
SCALE = 500'

- 0+00 BEGIN NEW ACCESS @ NAGEEZI UNIT  
WELL PAD  
TIE TO WELL FLAG  
S 86°11'43" E 151.02'  
24" CMP NEEDED  
S 83°49'30" W 143.25'
- 1+43.25 P.I. ANGLE POINT  
S 83°15'10" W 281.28'
- 4+24.54 P.I. ANGLE POINT  
S 61°53'14" W 85.93'
- 5+10.46 P.I. ANGLE POINT  
S 51°47'29" W 197.36'
- 7+07.83 P.I. ANGLE POINT  
BEGIN T.U.A. (SEE DETAIL)  
S 55°21'09" W 143.29'
- 8+51.12 P.I. ANGLE POINT  
END T.U.A.  
S 54°38'57" W 274.62'
- 11+25.75 P.I. ANGLE POINT  
S 21°56'50" W 198.60'
- 13+24.34 P.I. ANGLE POINT  
S 27°17'01" W 130.27'
- 14+54.61 P.I. ANGLE POINT  
S 07°26'42" W 77.30'
- 15+31.91 END ACCESS @ EXISTING ROAD

SECTION 28  
BLM LAND

28 27  
FND 2 1/2 BC  
GLO 1948

NE/4 SE/4

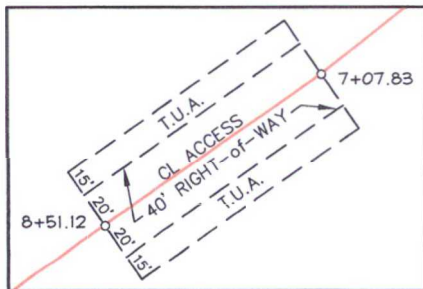
BASIS OF BEARINGS  
N 00°38'07" W 2668.48' (M)  
N 02°7' W 2674.65' (R)

WF-NAU #232H

SE/4 SE/4

SW/4 SE/4

28 27  
33 34  
FND 2 1/2 BC  
GLO 1948



TEMPORARY USE AREA DETAIL  
SCALE: 1" = 100'

**NOTES**

- 1) BASIS OF BEARINGS FOR THIS SURVEY ARE BETWEEN FOUND MONUMENTS AT THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 28, TOWNSHIP 23 NORTH, RANGE 7 WEST, N.M.P.M., SANDOVAL COUNTY, NEW MEXICO  
LINE BEARS: N 00°38'07" W 2668.48'
- 2) DATE OF FIELD SURVEY: MAY, 2018.
- 3) THIS EXHIBIT IS NOT A BOUNDARY SURVEY AND SHOULD NOT BE USED AS SUCH.
- 4) THIS EXHIBIT MAY NOT SHOW ALL EXISTING EASEMENTS AND UTILITIES.
- 5) CALL THE NEW MEXICO 811 SYSTEM FOR UTILITY LOCATIONS BEFORE EXCAVATING OR DIGGING.

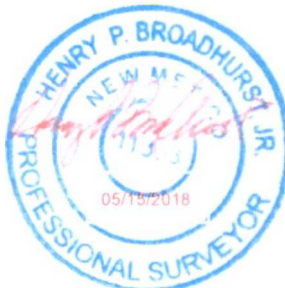
PREPARED BY:

**CCI**

**CHENAULT CONSULTING INC.**

4800 COLLEGE BLVD #105  
FARMINGTON, NM 87402  
(505) 325-7707

I, HENRY P. BROADHURST, JR., A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



~ SURFACE OWNERSHIP ~  
BUREAU OF LAND MANAGEMENT

SECTION 28, T23N, R7W  
0+00 TO 15+31.91  
1531.91 FT / 92.84 RODS

DATE OF SURVEY 05/10/18 JC/GR

DRAWING: NORTH ALAMITO UNIT #232H\_REV1

SCALE: 1" = 500' REV. 1 05/15/2018

DRAFTED BY: GRR

SHEET: 1 of 1



PROPOSED PIPELINES FOR  
**ENCANA OIL & GAS (USA) INC.**  
NORTH ALAMITO UNIT #232H



FKA P28-2307 #01H  
LOCATED IN THE SE/4 OF SECTION 28 AND  
THE E/2 OF SECTION 33,  
T23N, R7W, N.M.P.M.,  
SANDOVAL COUNTY, NEW MEXICO



250' 0 250' 500'  
SCALE = 500'

0+00 TAKEOFF @ WELL PAD  
TIE TO WELL FLAG  
S 86°11'43" E 151.02'  
S 83°49'30" W 143.25'  
1+43.25 P.I. 00°34'42" LT  
S 83°15'10" W 281.28'  
4+24.54 P.I. 22°21'56" LT  
S 61°53'14" W 85.93'  
5+10.46 P.I. 10°05'45" LT  
S 51°47'29" W 197.36'  
7+07.83 P.I. 03°33'40" RT  
BEGIN T.U.A. (SEE DETAIL)  
S 55°21'09" W 143.29'  
8+51.12 P.I. 00°42'12" LT  
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S 21°56'50" W 198.60'  
13+24.34 P.I. 05°20'11" RT  
S 27°17'01" W 130.27'  
14+54.61 P.I. 19°50'19" LT  
S 07°26'42" W 126.64'  
15+81.25 P.I. 11°18'07" LT  
O/S CL ROAD 21' LT  
O/S PIPELINE 33' RT  
S 07°26'42" W 126.64'  
CONTINUE ON SHEET 2

SECTION 28  
BLM LAND

28 27

FND 2 1/2 BC  
GLO 1948

NE/4 SE/4

BASIS OF BEARINGS  
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N 07°21' W 2674.65' (R)

WF-NAU #232H

SE/4 SE/4

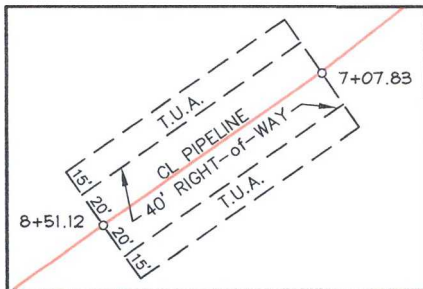
SW/4 SE/4

TIE: S 89°54'49" E 1417.18'

28 27

33 34

FND 2 1/2 BC  
GLO 1948



TEMPORARY USE AREA DETAIL  
SCALE: 1" = 100'

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PREPARED BY:



~ SURFACE OWNERSHIP ~ BUREAU OF LAND MANAGEMENT	
SECTION 28, T23N, R7W 0+00 TO 20+65.20 2065.20 FT / 125.16 RODS	
SECTION 33, T23N, R7W 20+65.20 TO 61+49.35 4084.15 FT / 247.52 RODS	
TOTAL 0+00 TO 61+49.35 6149.35 FT / 372.69 RODS	
DATE OF SURVEY	05/10/18 JC/GR

DRAWING: NORTH ALAMITO UNIT #232H_REV1	
SCALE: 1" = 500'	REV. 1 05/15/2018
DRAFTED BY: GRR	
SHEET: 1 of 3	

**CCI**  
**CHENAULT CONSULTING INC.**  
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I, HENRY P. BROADHURST, JR., A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

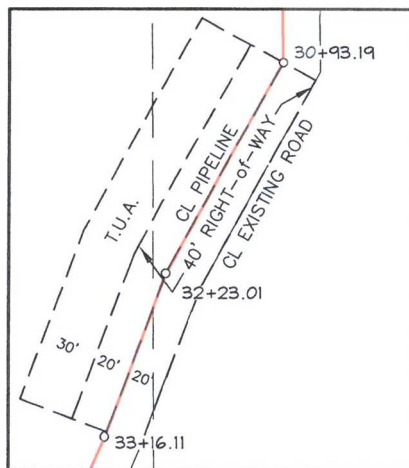
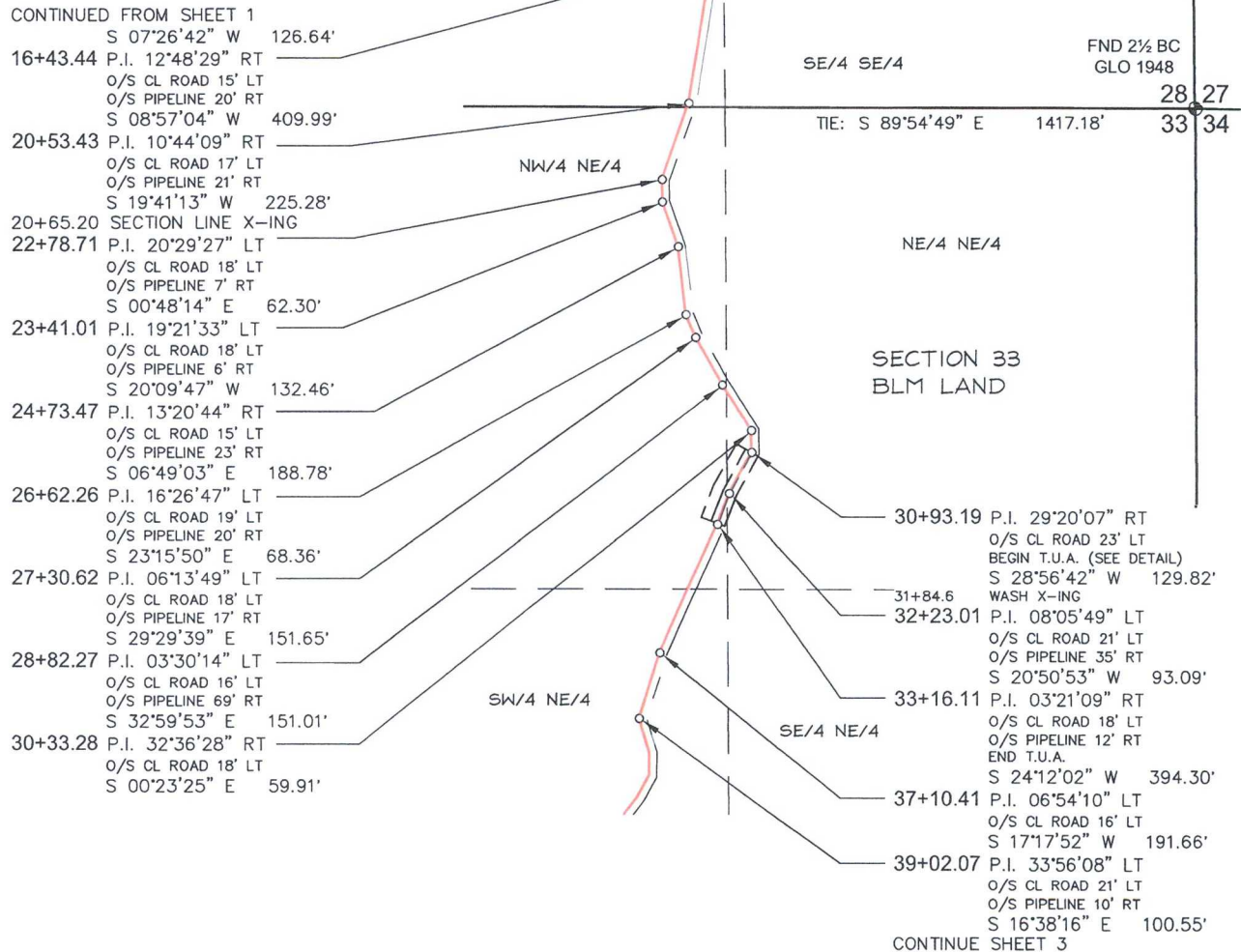
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250' 0 250' 500'  
SCALE = 500'



TEMPORARY USE AREA DETAIL  
SCALE: 1" = 100'

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DRAWING: NORTH ALAMITO UNIT #232H_REV1	
SCALE: 1" = 500'	REV. 1 05/15/2018
DRAFTED BY: GRR	
SHEET: 2 of 3	

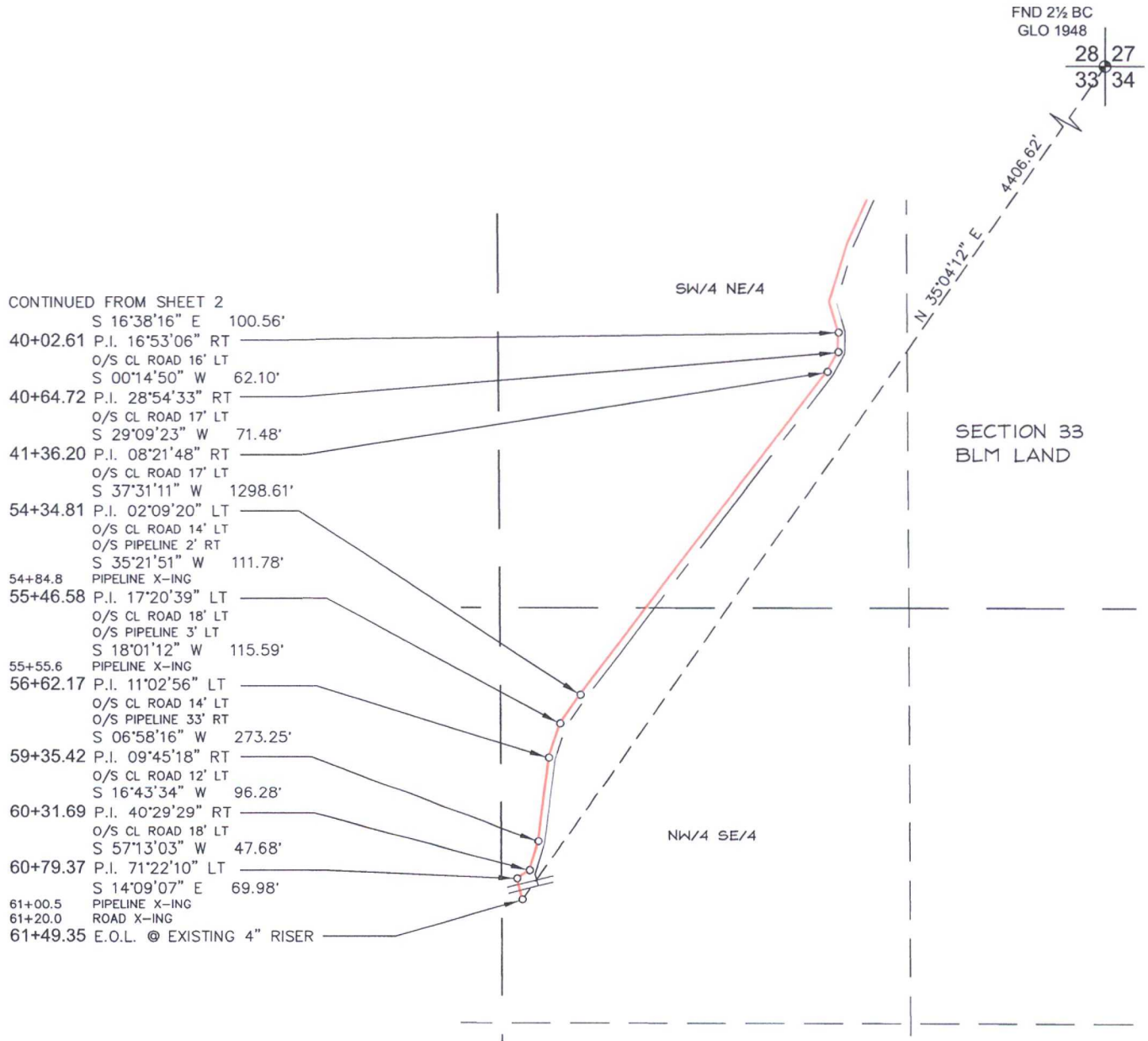
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SCALE: 1" = 500' REV. 1 05/15/2018

DRAFTED BY: GRR

SHEET: 3 of 3





Creeden, Eric &lt;ecreeden@blm.gov&gt;

**[EXTERNAL] Encana's Nageezi Unit 232H and 233H Project Reroute - Brack's Cactus and MBTA Comments**

2 messages

Sarah Griffin &lt;SGriffin@swca.com&gt;

Tue, May 22, 2018 at 9:42 AM

To: John Kendall &lt;j01kenda@blm.gov&gt;

Cc: "Creeden, Eric" &lt;ecreeden@blm.gov&gt;, "Merrell, Steven E." &lt;Steven.Merrell@encana.com&gt;, "Carter, Julia M" &lt;Julia.Carter@encana.com&gt;, Amber Ballman &lt;ABallman@swca.com&gt;

Hello John,

Thank you for taking time out of your day to discuss the minor access road and well-connect pipeline corridor reroute requirements for Encana's Nageezi Unit 232H and 233H (formerly Lybrook P28-2307) (BLM Lease Nos. NMNM-58878 and 010113/921845). Per our discussion, Encana is proposing to reroute approximately 300 to 400-feet of the northeastern terminus of the access road and well-connect pipeline corridor where they enter the well pad approximately 30 feet south from the original location. Encana **would not** be required to conduct Brack's hardwall cactus (*Sclerocactus cloverae* ssp. *brackii*) surveys on the re-route portions thus eliminating the need to conduct potential Brack's hardwall cactus transplants.

In addition, Encana has already brush hogged the southwestern terminus of the access road and well-connect pipeline corridor up to the reroute section and then walked their equipment onto the well pad to complete brush hogging. Once Encana receives the Sundry from the BLM for the rerouted portion of the project, Encana **would not** be required to conduct Migratory Bird Treaty Act pre-construction nest surveys prior to brush hogging the rerouted portion of the project area.

Thank you,

Sarah Griffin

Natural Resources Project Manager

SWCA Environmental Consultants

130 Rock Point Drive, Suite A

Durango, CO 81301

P 970.385.8566 Ext. 4464 | C 269.906.5022



Kendall, John &lt;j01kenda@blm.gov&gt;

Tue, May 22, 2018 at 4:05 PM

To: Sarah Griffin &lt;SGriffin@swca.com&gt;

Cc: "Creeden, Eric" &lt;ecreeden@blm.gov&gt;, "Merrell, Steven E." &lt;Steven.Merrell@encana.com&gt;, "Carter, Julia M" &lt;Julia.Carter@encana.com&gt;, Amber Ballman &lt;ABallman@swca.com&gt;



BLM Report Number: 2014(II)004.1F

USGS Map: Lybrook, NM

Activity Code: 1310

NMCRIS No: 140600

**CULTURAL RESOURCE RECORD OF REVIEW**  
BUREAU OF LAND MANAGEMENT  
FARMINGTON FIELD OFFICE

**1. Description of Report/Project:**

Project Name: North Alamito Unit 232/233H Access Road and Pipeline Reroute.

Project Sponsor: Encana Oil and Gas (USA) Inc.

Arch. Firm & Report No.: La Plata Archaeological Consultants; LAC Report No. 2013-6gg #2.

Location: T23N R7W Sections 28.

Well Footages: N/A.

Split Estate: N/A.

Project Dimensions: 510 ft x 40 ft – road and pipeline reroute.

Sites Located: None.

Determination: No Effect to Historic Properties.

**2. Field Check:** No.

**3. Cultural ACEC:** No.

**4. Sensitive Cultural Area:** Yes; Place of the Pot.

**5. Recommendation:** *PROCEED WITH ACTION:* X *STIPULATIONS ATTACHED:*    

**6. Reviewer /Archaeologist:** Kim Adams **Date:** 6/5/2018

Report Summary	BLM	Other	Total
Acres Inventoried	0.11	0.00	0.11
Sites Recorded	0	0	0
Prev. Recorded Sites	0	0	0
Sites Avoided	0	0	0
Sites Treated	0	0	0

**Discovery of**

**Resources in the Presence or Absence of Monitoring:** If any previously unidentified historic or prehistoric cultural resources are discovered during construction or project operations, work in the vicinity of the discovery will be suspended and the discovery will promptly be reported to the BLM Field Manager.

**Cultural**

**Note:** If there are questions about these stipulations, contact Kim Adams (BLM) at 505.564.7683 or [kadams@blm.gov](mailto:kadams@blm.gov). Or Geoffrey Haymes (BLM) at 505.564.7684 or [ghaymes@blm.gov](mailto:ghaymes@blm.gov).