

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.*5. Lease Serial No.  
NMNM101107

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
SASKATOON FEDERAL COM 1H9. API Well No.  
30-005-64313-00-X110. Field and Pool or Exploratory Area  
ROUND TANK-SAN ANDRES11. County or Parish, State  
CHAVES COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
MACK ENERGY CORPORATIONContact: JERRY SHERRELL  
E-Mail: jerrys@mackenergycorp.com3a. Address  
P.O. BOX 960  
ARTESIA, NM 88211-09603b. Phone No. (include area code)  
Ph: 505.748.1288  
Fx: 505.746.9539

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T15S R29E SWSE 960FSL 1675FEL  
33.011276 N Lat, 104.064659 W Lon**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"/> Hydraulic Fracturing | <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 |
|  | <input 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.

Mack Energy respectfully requests approval to install a On lease, 4" poly surface SWD line from our Saskatoon Federal Com 1H tank battery to tie into our NM-122155 ROW. This line will be laid along the access road to this location. Total length 1914.88'. This route has been arch cleared.

11-14-18  
Accepted for record - NMOCD

NM OIL CONSERVATION  
ARTESIA DISTRICT

NOV 13 2018

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #440645 verified by the BLM Well Information System  
For MACK ENERGY CORPORATION, sent to the Roswell  
Committed to AFMSS for processing by MEIGHAN SALAS on 10/22/2018 (19MMS0015SE)

Name (Printed/Typed) JERRY SHERRELL

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 10/22/2018

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

Approved By

Title

Assistant Field Manager,  
Lands And Minerals

Date

11/07/18

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

ROSWELL FIELD OFFICE

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

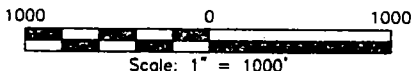
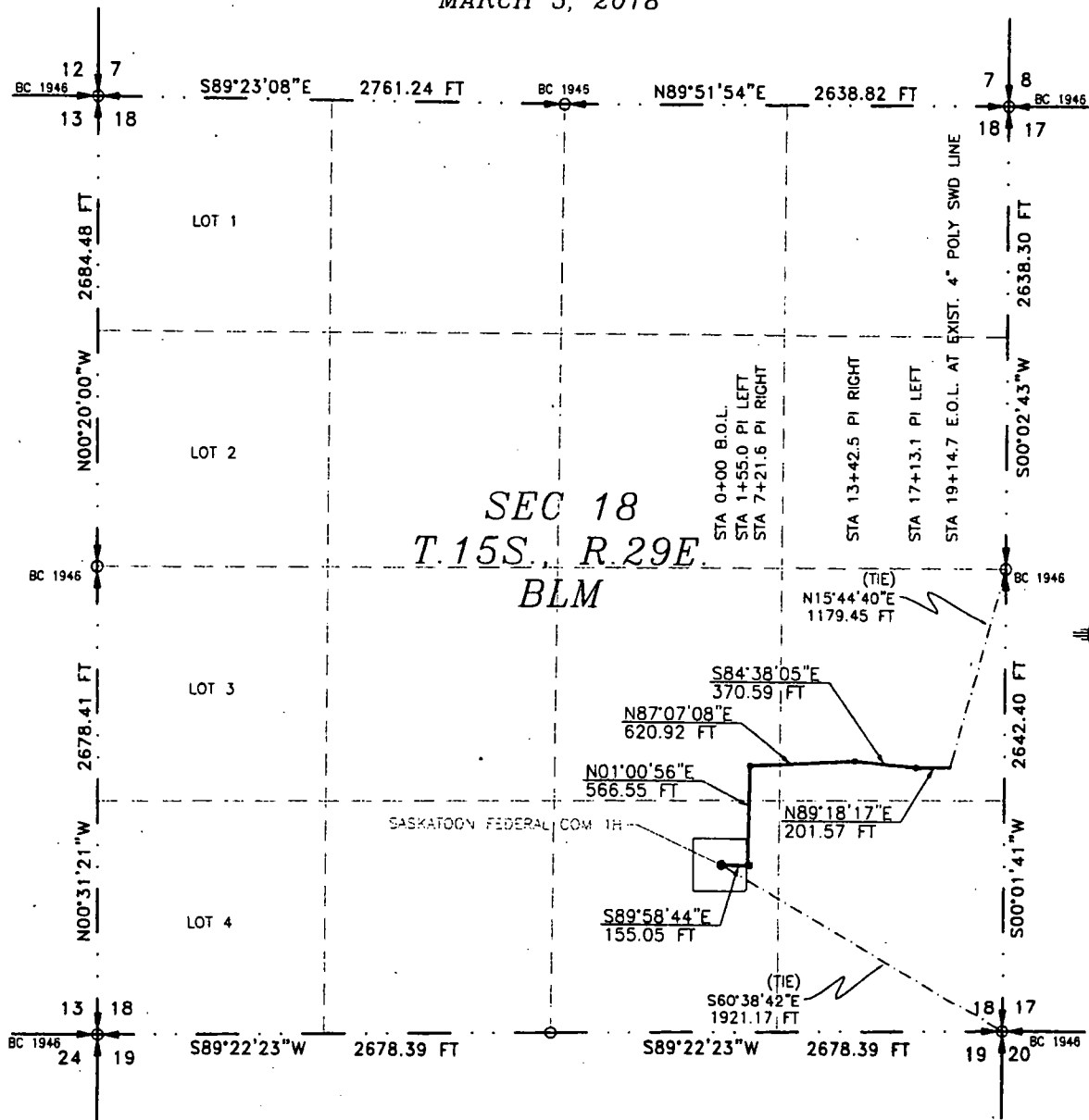
## Revisions to Operator-Submitted EC Data for Sundry Notice #440645

|                | Operator Submitted   | BLM Revised (AFMSS)   |
|----------------|--|---|
| Sundry Type:   | OTHER<br>NOI   | OTHER<br>NOI  |
| Lease:         | NMNM101107   | NMNM101107  |
| Agreement:     |  |   |
| Operator:      | MACK ENERGY CORPORATION<br>PO BOX 960<br>ARTESIA, NM 88211-0960<br>Ph: 575-748-1288  | MACK ENERGY CORPORATION<br>P.O. BOX 960<br>ARTESIA, NM 88211-0960<br>Ph: 505-748-1288                               |
| Admin Contact: | JERRY SHERRELL<br>PRODUCTION CLERK<br>E-Mail: jerrys@mec.com<br><br>Ph: 575-748-1288 | JERRY SHERRELL<br>PRODUCTION CLERK<br>E-Mail: jerrys@mackenergycorp.com<br><br>Ph: 505.748.1288<br>Fx: 505.746.9539 |
| Tech Contact:  | JERRY SHERRELL<br>PRODUCTION CLERK<br>E-Mail: jerrys@mec.com<br><br>Ph: 575-748-1288 | JERRY SHERRELL<br>PRODUCTION CLERK<br>E-Mail: jerrys@mackenergycorp.com<br><br>Ph: 505.748.1288<br>Fx: 505.746.9539 |
| Location:      |  |   |
| State:         | NM   | NM  |
| County:        | CHAVES   | CHAVES  |
| Field/Pool:    | ROUND TANK SAN ANDRES  | ROUND TANK-SAN ANDRES   |
| Well/Facility: | SASKATOON FEDERAL COM 1H<br>Sec 18 T15S R29E Mer NMP SWSE 960FSL 1675FEL             | SASKATOON FEDERAL COM 1H<br>Sec 18 T15S R29E SWSE 960FSL 1675FEL<br>33.011276 N Lat, 104.064659 W Lon               |

# FLOWLINE PLAT

4" POLY SWD LINE FROM THE SASKATOON FEDERAL COM 1H TO AN EXISTING 4" POLY SWD LINE

## MACK ENERGY CORPORATION CENTERLINE SURVEY OF A PIPELINE CROSSING SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M. CHAVES COUNTY, STATE OF NEW MEXICO MARCH 5, 2018



### GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-4

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE 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 LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 22<sup>ND</sup> DAY OF MARCH 2018

FILIMON F. JARAMILLO, P.S. 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 6063

# FLOWLINE PLAT

4" POLY SWD LINE FROM THE SASKATOON FEDERAL COM 1H TO AN EXISTING 4" POLY SWD LINE

**MACK ENERGY CORPORATION**  
**CENTERLINE SURVEY OF A PIPELINE CROSSING**  
**SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.**  
**CHAVES COUNTY, STATE OF NEW MEXICO**  
**MARCH 5, 2018**

## DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M., CHAVES COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 SE/4 OF SAID SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS S60°38'42"E, A DISTANCE OF 1921.17 FEET;

THENCE S89°58'44"E A DISTANCE OF 155.05 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N01°00'56"E A DISTANCE OF 566.55 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N87°07'08"E A DISTANCE OF 620.92 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S84°38'05"E A DISTANCE OF 370.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°18'17"E A DISTANCE OF 201.57 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N15°44'40"E, A DISTANCE OF 1179.45 FEET;

SAID STRIP OF LAND BEING 1914.68 FEET OR 116.04 RODS IN LENGTH, CONTAINING 1.319 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SE/4 523.10 L.F. 31.70 RODS 0.360 ACRES

NW/4 SE/4 375.69 L.F. 22.77 RODS 0.259 ACRES

NE/4 SE/4 1015.89 L.F. 61.57 RODS 0.700 ACRES

## GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-4

MADRON SURVEYING, INC.

## SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE 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 LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 5 DAY OF MARCH 2018

FILMON F. JARAMILLO PLS 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

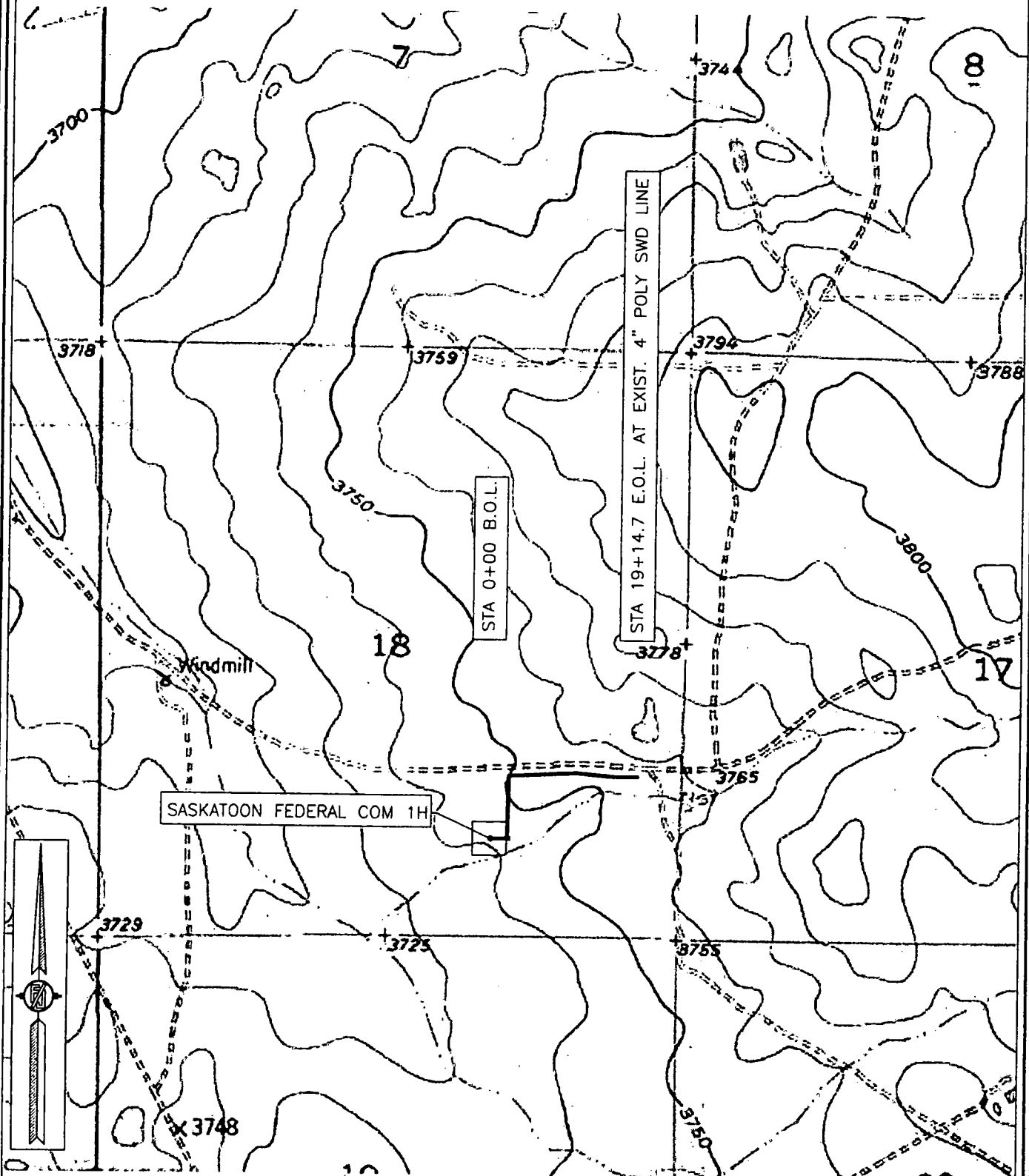
SURVEY NO. 6063

CARLSBAD, NEW MEXICO

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4" POLY SWD LINE FROM THE SASKATOON FEDERAL COM 1H TO AN EXISTING 4" POLY SWD LINE

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CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.  
CHAVES COUNTY, STATE OF NEW MEXICO  
MARCH 5, 2018



SHEET: 3-4

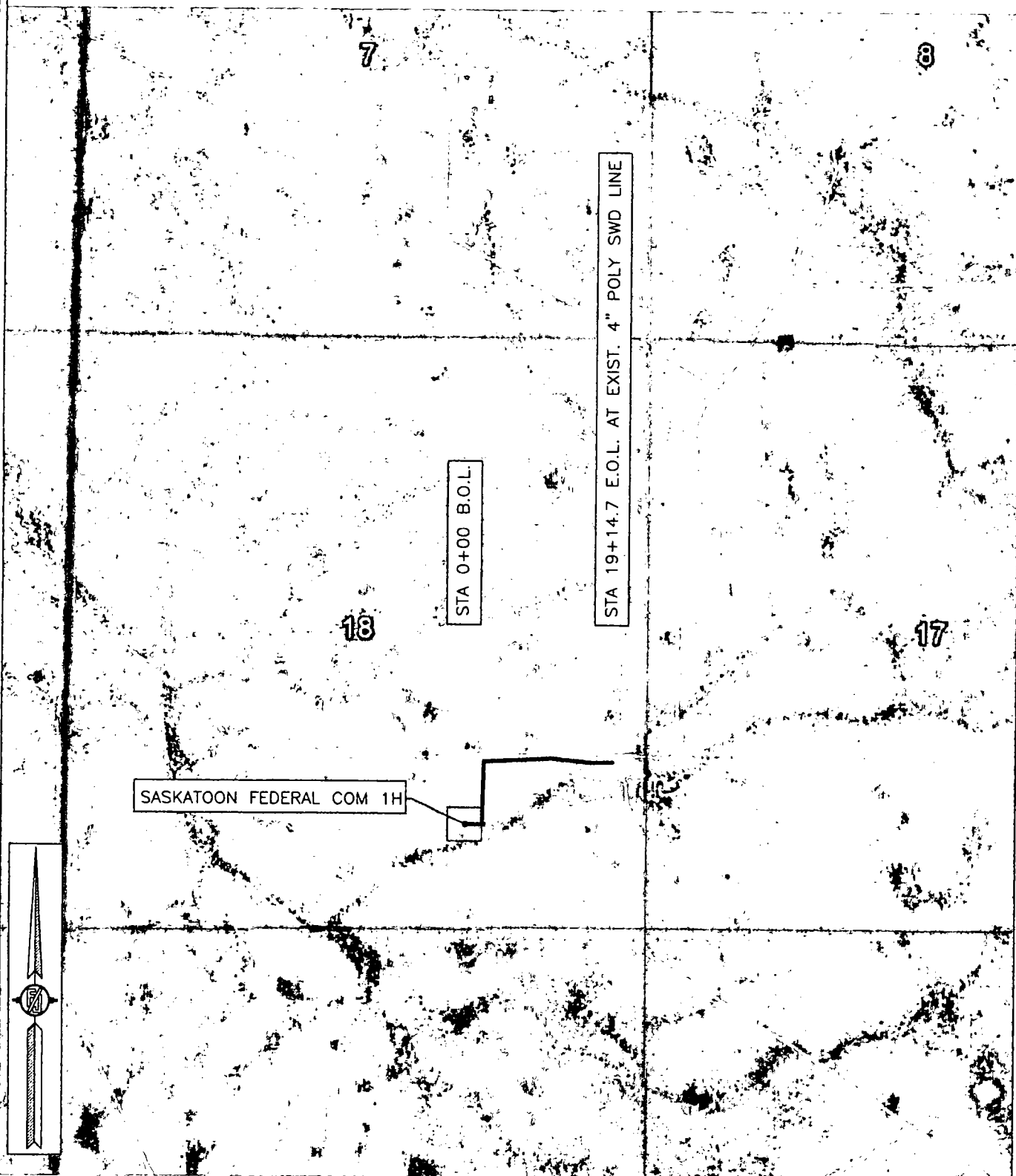
MADRON SURVEYING, INC. 301 SOUTH CANAL  
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SURVEY NO. 6063  
CARLSBAD, NEW MEXICO

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SECTION 18, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.  
CHAVES COUNTY, STATE OF NEW MEXICO  
MARCH 5, 2018



SHEET: 4-4

SURVEY NO. 6063

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

**Pecos District  
ROSWELL FIELD OFFICE  
Documentation of Land Use Plan Compliance  
And NEPA Adequacy (DNA)  
DOI-BLM-NM-P010-2018-0127-DNA**

**Roswell Field Office;**

**Applicant:** Mack Energy Corp.

**Lease No.:** NM-101107

**Action Type:** Horizontal Oil/Gas Well

**Location of Proposed Action:**

**Saskatoon Federal Com #1H:**

**Surface Hole Location:** 960' FSL & 1675' FEL, Section 18, T. 15 S., R. 29 E. Chaves County

**Description of Proposed Action:**

Mack Energy Corporation submitted an application for permission to drill (APD) the Saskatoon Federal Com #1H oil well. Mack Energy will improve the access roads to the Saskatoon well pad. The Saskatoon Federal Com #1H size of the pad will be 315' x 300'. Mack Energy Corporation will construct a tank battery at the Saskatoon Federal Com #1H for production. Gas and produced water lines will follow access roads to the Prince Rupert tank battery. The project area has been previously analyzed and constructed under Environmental Analysis document EA-DOI-BLM-NM-P010-2015-0024.

**A. Conformance with the Land Use Plan (LUP) and Consistency with Related Subordinate Implementation Plans:**

1. Roswell Approved Resource Management Plan and Record of Decision, October 1997.
2. The proposed action does not conflict with any known State or local planning, ordinance or zoning.

**B. Identify the applicable NEPA document(s) and other related documents that cover the proposed action.**

1. *Resource Management Plan*, as Amended, Date Approved: October 1997

**C. NEPA Adequacy Criteria:**

1. Is the current proposed action substantially the same action as previously analyzed?

Yes. The proposed action that was previously analyzed in the environmental assessment document DOI-BLM-P010-2015-0024-EA.

2. Is the range of alternatives analyzed in the existing NEPA document(s) appropriate with respect to the current proposed action, given current environmental concerns, interests, resource values and circumstances?

Yes. There will be no new surface disturbance and currently no new environmental concerns. The proposed action was previously approved and analyzed in the environmental assessment document DOI-BLM-P010-2015-0024-EA.

3. Is the existing analysis adequate and are the conclusions adequate in light of any new information or circumstances? Can you reasonably conclude that all new information and all new circumstances are insignificant with regard to analysis on the proposed action?

Yes. The Application for permission to drill (APD) does not have any new information that would require the re-evaluation of the proposed action.

4. Do the methodology and analytical approach used in the existing NEPA document(s) continue to be appropriate for the current proposed action?

Yes. The existing environmental assessment used in the analysis of the proposed action is still adequate in the evaluation of all the resources and it is still acceptable for the current proposed action.

5. Are the direct and indirect impacts of the current proposed action substantially unchanged for those identified in the existing NEPA document(s)? Does the existing NEPA document sufficiently analyze site-specific impacts related to the current proposed action?

Yes. The existing environmental assessment document used to analyze the proposed action was specifically structured to evaluate direct and indirect impacts of the current proposed action.

6. Can you conclude without additional analysis or information that the cumulative impacts that would result from the implementation of the current proposed action are substantially unchanged from those analyzed in the existing NEPA document(s)? Yes. The cumulative impacts were addressed in the existing environmental assessment document and are unchanged.

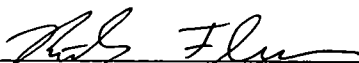
7. Are the public involvement and interagency review associated with existing NEPA document(s) adequate for the current proposed action? Yes. The public involvement encompassed the representative groups (operators, ranchers, allottees, and general public) who have significant interest in the proposed oil well.

D. Interdisciplinary Analysis: Identify those team members conducting or participating in the preparation of this worksheet. See attached DNA Checklist.

Conclusion:

Based on the review documented above, I conclude that this proposal conforms to the applicable land use plan and that the existing NEPA documentation fully covers the proposed action. This constitutes BLM's compliance with the requirement of NEPA.

Prepared by:

 Date 5/4/18  
Ricky Flores, Natural Resource Specialist

Reviewed by:

 Date 5/7/18  
Glen Garnand, NEPA Coordinator

Approved by:

 Date 05/08/18  
Ruben Sanchez, Assistant Field Manager, Lands & Minerals