

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

API No.: 35019263390001

**Completion Report**

Spud Date: November 25, 2019

OTC Prod. Unit No.: 019-109942-0-5383

Drilling Finished Date: December 09, 2019

**Amended**

1st Prod Date: February 12, 2020

Amend Reason: CHANGED TO INJECTION & CHANGE WELL NAME

Completion Date: February 07, 2020

Recomplete Date: May 27, 2020

**Drill Type: STRAIGHT HOLE**

**SERVICE WELL**

Well Name: SW WJDU 5-2I

Purchaser/Measurer:

Location: CARTER 6 2S 2W  
SE NE SW SW  
826 FSL 1081 FWL of 1/4 SEC  
Latitude: 34.40757 Longitude: -97.453853  
Derrick Elevation: 0 Ground Elevation: 1062

First Sales Date:

Operator: MACK ENERGY CO 11739  
PO BOX 400  
1202 N 10TH ST  
DUNCAN, OK 73534-0400

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	There are no Location Exception records to display.		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	40	J-55	1337		425	SURFACE
PRODUCTION	7	26	J-55	4371		530	1909

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

**Total Depth: 4415**

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
3245	IPC ARROW	There are no Plug records to display.	

Initial Test Data
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Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
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There are no Initial Data records to display.

### Completion and Test Data by Producing Formation

Formation Name: DEESE

Code: 404DEESS

Class: INJ

#### Spacing Orders

Order No	Unit Size
701901	UNIT

#### Perforated Intervals

From	To
4188	4206
4214	4248

#### Acid Volumes

500 GALLONS 7.5% NEFE

#### Fracture Treatments

1,105 BARRELS, 32,900 POUNDS 16/30 SAND

Formation Name: DEESE

Code: 404DEESS

Class: INJ

#### Spacing Orders

Order No	Unit Size
701901	UNIT

#### Perforated Intervals

From	To
4116	4140

#### Acid Volumes

250 GALLONS 7.5% NEFE HCL

#### Fracture Treatments

937 BARRELS, 29,900 POUNDS 16/30 SAND

Formation Name: DEESE

Code: 404DEESS

Class: INJ

#### Spacing Orders

Order No	Unit Size
701901	UNIT

#### Perforated Intervals

From	To
3356	3374
3378	3388
3396	3400

#### Acid Volumes

350 GALLONS 7.5% NEFE HCL

#### Fracture Treatments

1,000 BARRELS, 30,100 POUNDS SAND

Formation Name: DEESE

Code: 404DEESS

Class: INJ

#### Spacing Orders

Order No	Unit Size
701901	UNIT

#### Perforated Intervals

From	To
3300	3309

#### Acid Volumes

100 GALLONS 7.5% NEFE

#### Fracture Treatments

242 BARRELS, 9,500 POUNDS SAND

Formation	Top
DEESE	3176

Were open hole logs run? Yes  
Date last log run: December 07, 2019  
  
Were unusual drilling circumstances encountered? No  
Explanation:

Other Remarks
OCC- UIC PERMIT # 2000401701

FOR COMMISSION USE ONLY	
Status: Accepted	1145482

API NO. 019-26339  
OTC PROD. 019-109942-  
UNIT NO. 0-5383

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

Form 1002A

Rev. 2009

☐ ORIGINAL  
☒ AMENDED (Reason)

Changed to an Injection Well & Well

Name change

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE  
☒ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY Carter SEC 6 TWP 2S RGE 2W  
LEASE NAME SW WJDU WELL NO. 5-2i  
SE 1/4 NE 1/4 SW 1/4 SW 1/4 FSL OF 1/4 SEC 826' FWL OF 1/4 SEC 1081'  
ELEVATION Derrick FL Ground 1062' Latitude (if known) 34.40757 Longitude (if known) -97.453853  
OPERATOR NAME Mack Energy Co. OTC / OCC OPERATOR NO. 11739  
ADDRESS P.O. Box 400  
CITY Duncan STATE OK ZIP 73534

COMPLETION TYPE

☒ SINGLE ZONE  
☐ MULTIPLE ZONE  
Application Date  
☐ COMMINGLED  
Application Date  
LOCATION EXCEPTION  
ORDER NO.  
INCREASED DENSITY  
ORDER NO.

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	9 5/8"	40	J-55	1337'		425	Surface
INTERMEDIATE							
PRODUCTION	7"	26	J-55	4371'		530	1909'
LINER							

PACKER @ 3245' BRAND & TYPE IPC Arrow PLUG @ TYPE PLUG @ TYPE  
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

TOTAL DEPTH 4415'

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	(L. Morris)	(U. Morris)	(Tussy)	(Eason)	404 DEESS
SPACING & SPACING	10 acre/ 701901	10 acre/ 701901	10 acre/ 701901	10 acre/ 701901	
ORDER NUMBER	Unit	Unit	Unit	Unit	
CLASS: Oil, Gas, Dry, Inj.					
Disp, Comm Disp, Svc	Injection	Injection	Injection	Injection	
PERFORATED INTERVALS	4188-4206'	4116-4140'	3356-3374'	3300-3309'	
	4214-4248'		3378-3388'		
			3396-3400'		
ACID/VOLUME	500 gals 7.5% NeFe	250 gals 7.5% NeFe HCl	350 gals 7.5% NeFe HCl	100 gals 7.5% NeFe	
FRACTURE TREATMENT (Fluids/Prop Amounts)	1105 bbls/32900#	937 bbls/29900#	1000 bbls/30100# sd	242 bbls/9500# sd	
	16/30 sd	16/30 sd			

RECEIVED

AUG 10 2020

Oklahoma Corporation Commission

Min Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

☐

OR

First Sales Date

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE					
OIL-BBL/DAY					
OIL-GRAVITY ( API)					
GAS-MCF/DAY					
GAS-OIL RATIO CU FT/BBL					
WATER-BBL/DAY					
PUMPING OR FLOWING					
INITIAL SHUT-IN PRESSURE					
CHOKE SIZE					
FLOW TUBING PRESSURE					

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE Dinah Mayes DATE 8-7-20 PHONE NUMBER 580-856-3705  
ADDRESS 3730 Samedan Road CITY Ratliff City STATE OK ZIP 73481 EMAIL ADDRESS dmayeres@mackenergy.com

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

WELL NO. 5-2

NAMES OF FORMATIONS	TOP
Deese	3176'

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED _____	DISAPPROVED _____
	2) Reject Codes
	_____
	_____
	_____
	_____
	_____

Were open hole logs run?      X yes      no

Date Last log was run      12/7/2019

Was CO<sub>2</sub> encountered?             yes      X no      at what depths?                         

Was H<sub>2</sub>S encountered?             yes      X no      at what depths?                         

Were unusual drilling circumstances encountered?             yes      X no

If yes, briefly explain below

Other remarks:

OCC - UIC permit # 2000401701

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.  
Please note, the horizontal drainhole and its end  
point must be located within the boundaries of the  
lease or spacing unit.

**Directional surveys are required for all drainholes and directional wells.**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

LATERAL #1						
SEC	TWP	RGE	COUNTY			
Spot Location			Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4				
Depth of Deviation		Radius of Turn	Direction		Total Length	
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:			

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Feet From 1/4 Sec Lines		FSL	FWL
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	

SEC	TWP	RGE	COUNTY			
Spot Location			Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4			
Depth of Deviation	Radius of Turn		Direction	Total Length		
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:			