

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.: 35019264020000

Completion Report

Spud Date: September 03, 2020

OTC Prod. Unit No.: 019-012538-0-5383

Drilling Finished Date: September 10, 2020

1st Prod Date: December 09, 2020

Completion Date: December 08, 2020

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 18-4

Purchaser/Measurer:

Location: CARTER 7 2S 2W
SE SE NW SW
1455 FSL 1082 FWL of 1/4 SEC
Latitude: 34.394685 Longitude: -97.453181
Derrick Elevation: 0 Ground Elevation: 1037

First Sales Date:

Operator: MACK ENERGY CO 11739

4700 GAILLARDIA PKWY STE 102
OKLAHOMA CITY, OK 73142-1839

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
CONDUCTOR	9 5/8	40	K-55	885		465	SURFACE
PRODUCTION	7	26	K-55	4512		685	SURFACE

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

Total Depth: 4807

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data										
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
Dec 18, 2020	DEESE	5	22	8	1600	114	PUMPING	25	N/A	

Completion and Test Data by Producing Formation

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
4194	4265

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

25,000 POUNDS 16/30 SAND AND 602 BARRELS

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
4101	4177

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

27,500 POUNDS 16/30 SAND AND 636 BARRELS

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
4102	4160

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

24,450 POUNDS 16/30 SAND AND 658 BARRELS

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
3597	3716

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

6,000 POUNDS 16/30 SAND AND 370 BARRELS

Formation	Top
DEESE	2900

Were open hole logs run? Yes

Date last log run: September 09, 2020

Were unusual drilling circumstances encountered? Yes

Explanation: WE WERE UNABLE TO GET SURFACE CASING SET AT THE MSC OF 1,290'. WE RECEIVED OCC APPROVAL TO SET THE SURFACE CASING AT 885'. WE RAN A DV TOOL AT 1,356' ON THE 7" PRODUCTION CASING AND CEMENTED TO SURFACE. WE CIRCULATED 35 BARRELS OF CEMENT TO SURFACE.

Other Remarks
There are no Other Remarks.

Bottom Holes
Sec: 7 TWP: 2S RGE: 2W County: CARTER SE SE NW SW 1426 FSL 1298 FWL of 1/4 SEC Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0 Measured Total Depth: 4807 True Vertical Depth: 4799 End Pt. Location From Release, Unit or Property Line: 1282

FOR COMMISSION USE ONLY	
Status: Accepted	1146226

API NO. 019-26402
OTC PROD. 019-012538-
UNIT NO. 0-5383

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
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Form 1002A
Rev. 2009

☒ ORIGINAL
☐ AMENDED (Reason) _____

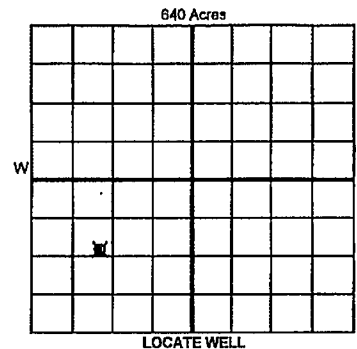
COMPLETION REPORT

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	7	TWP	2S	RGE	2W	SPUD DATE	9-3-20
LEASE NAME	SW Wildcat Jim SW WJDU Deese Unit			WELL NO.	18-4	DATE OF WELL COMPLETION	12-8-20	DRLG FINISHED DATE	9-10-20
SE 1/4 SE 1/4 NW 1/4 SW 1/4	FSL OF 1/4 SEC 1455'			FWL OF 1/4 SEC 1082'	1st PROD DATE		12-9-20	RECOMP DATE	
ELEVATION	Ground	1037'	Latitude (If known)		34.394685	Longitude (If known)		~ 97.453181	
OPERATOR NAME	Mack Energy Co.				OTC / OCC OPERATOR NO.	11739			
ADDRESS	P.O. Box 400								
CITY	Duncan			STATE	OK	ZIP	73534		



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE	
<input type="checkbox"/> MULTIPLE ZONE	
<input type="checkbox"/> COMMINGLED	
<input type="checkbox"/> LOCATION EXCEPTION ORDER NO.	
<input type="checkbox"/> 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#	K-55	885'		465	Surface
INTERMEDIATE							
PRODUCTION	7"	26#	K-55	4512'		685	Surface
LINER							
							4807'

see remarks

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	(Lower Morris)	(Upper Morris)	(Fusulinid)	(Tussy)	(Eason)	(Fusulinid)
SPACING & SPACING	40-acre	40-acre	40-acre	40-acre		
ORDER NUMBER	701901 (unit)	701901 (unit)	701901 (unit)	701901 (unit)		
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil	Oil	Oil	Oil		
	4194-4265'	4101-4177'	4102-4160'	3597-3716'		
PERFORATED INTERVALS						
ACID/VOLUME						
FRACTURE TREATMENT (Fluids/Prop Amounts)	25000# 16/30 sd & 602 bbls	27500# 16/30 sd & 636 bbls	24450# 16/30 sd & 658 bbls	6000# 16/30 sd & 370 bbls		

All Deese

RECEIVED

FEB 18 2021

OKLAHOMA CORPORATION COMMISSION

Min Gas Allowable (165:10-17-7) _____ Gas Purchaser/Measurer _____
OR _____ First Sales Date _____
Oil Allowable (165:10-13-3) _____

INITIAL TEST DATA

INITIAL TEST DATE	12/18/2020				
OIL-BBL/DAY	5				
OIL-GRAVITY (API)	22				
GAS-MCF/DAY	8				
GAS-OIL RATIO CU FT/BBL	1600				
WATER-BBL/DAY	114				
PUMPING OR FLOWING	Pumping				
INITIAL SHUT-IN PRESSURE	25 psig				
CHOKE SIZE	N/A				
FLOW TUBING PRESSURE	N/A				

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	2-11-21	PHONE NUMBER	580-856-3705
ADDRESS	3730 Samedan Rd	CITY	Ratliff City	STATE	OK
		ZIP	73481	EMAIL ADDRESS	dmayes@mackenergy.com

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

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

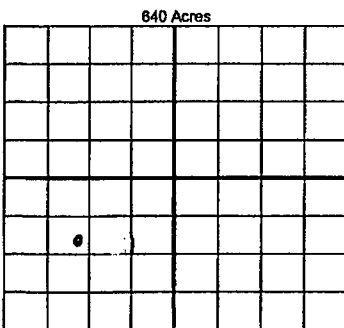
NAMES OF FORMATIONS	TOP
Deese	2900'

LEASE NAME SW WJDU WELL NO. 18-4

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?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Date Last log was run	<u>9/9/2020</u>
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
If yes, briefly explain below	

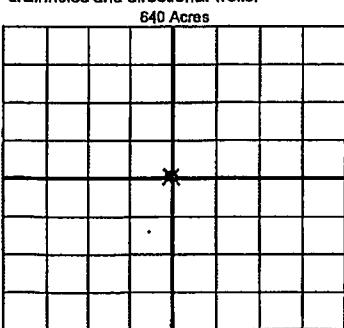
Other remarks: We were unable to get Surface Casing set at the MSC of 1290'. We received OCC approval to set the surface casing at 885'. We ran a DV Tool at 1356' on the 7" Production Casing and cemented to surface. We circulated 35 bbls of cement to surface.



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC 7	TWP 2S	RGE 2W	COUNTY Carter
Spot Location	SE 1/4	SE 1/4	NW 1/4 SW 1/4
Measured Total Depth	4807'	True Vertical Depth	4799' 4800'
Feet From 1/4 Sec Lines	FSL 1426'	BHL From Lease, Unit, or Property Line:	1282'
			FWL 1298'

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

SEC	TWP	RGE	COUNTY
Spot Location	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	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	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:	

API NO. 019-26402
OTC PROD. 019-012538-
UNIT NO. 0-5383

(PLEASE TYPE OR USE BLACK INK ONLY)

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Rev. 2009

☒ ORIGINAL
☐ AMENDED (Reason) _____

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	7	TWP	2S	RGE	2W	SPUD DATE	9-3-20
LEASE NAME	SW WJDU Deese Unit	WELL NO.	18-4	DRLG FINISHED DATE	9-10-20	DATE OF WELL COMPLETION			12-8-20
SE 1/4 SE 1/4 NW 1/4 SW 1/4	FSL OF 1/4 SEC 1455'	FWL OF 1/4 SEC 1082'	RECOMP DATE			1st PROD DATE			12-9-20
ELEVATION Derrick FL	Ground 1037'	Latitude (if known)	34.394685	Longitude (if known)			97.453181		
OPERATOR NAME	Mack Energy Co.			OTC / OCC OPERATOR NO.			11739		
ADDRESS	P.O. Box 400								
CITY	Duncan			STATE	OK	ZIP	73534		

640 Acres

LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE	
<input type="checkbox"/> MULTIPLE ZONE	
<input type="checkbox"/> COMMINGLED	
<input type="checkbox"/> LOCATION EXCEPTION	
<input type="checkbox"/> ORDER NO.	
<input type="checkbox"/> INCREASED DENSITY	
<input type="checkbox"/> ORDER NO.	

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	9 5/8"	40#	K-55	885'		465	Surface
INTERMEDIATE							
PRODUCTION	7"	26#	K-55	4512'		685	Surface
LINER							
TOTAL DEPTH							4807'

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Deese → (Lower Morris)	(Upper Morris)	(Fusulinid)	(Tussy)	-Easer	-Fusulina-
SPACING & SPACING	40-acre	40-acre	40-acre	40-acre		
ORDER NUMBER	701901 (unit)	701901 (unit)	701901 (unit)	701901 (unit)		Reported to Frac Focus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil	Oil	Oil	Oil		
PERFORATED INTERVALS	4194-4265'	4101-4177'	4102-4160'	3597-3716'		
ACID/VOLUME						
FRACTURE TREATMENT (Fluids/Prop Amounts)	25000# 16/30 sd & 602 bbls	27500# 16/30 sd & 636 bbls	24450# 16/30 sd & 658 bbls	6000# 16/30 sd & 370 bbls		

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GAS-OIL RATIO CU FT/BBL	1600					
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PUMPING OR FLOWING	Pumping					
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CHOKE SIZE	N/A					
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ADDRESS	3730 Samedan Rd	CITY	Ratliff City	STATE	OK
		ZIP	73481	EMAIL ADDRESS	dmayes@mackenergy.com

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FORMATION RECORD

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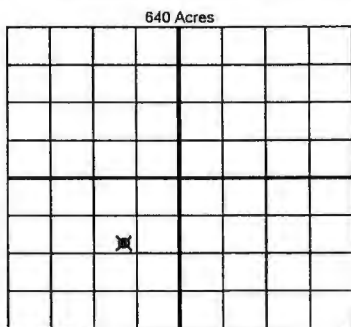
NAMES OF FORMATIONS	TOP
Deese	2900'

LEASE NAME SW WJDU WELL NO. 18-4

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
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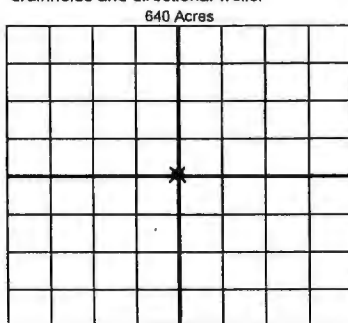
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BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC 7	TWP 2S	RGE 2W	COUNTY Carter
Spot Location SE 1/4 SE 1/4 NW 1/4 SW 1/4		Feet From 1/4 Sec Lines	FSL 1425' FWL 1298'
Measured Total Depth 4807'		True Vertical Depth 4800'	BHL From Lease, Unit, or Property Line: 1282'

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1
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:

LATERAL #2
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:

LATERAL #3
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: