

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.: 35019264330000

Completion Report

Spud Date: March 10, 2021

OTC Prod. Unit No.: 019-226592-0-5383

Drilling Finished Date: March 22, 2021

1st Prod Date: August 31, 2021

Completion Date: August 30, 2021

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 4-1

Purchaser/Measurer:

Location: CARTER 1 2S 3W
SW NE SE SE
711 FSL 348 FEL of 1/4 SEC
Latitude: 34.407264 Longitude: -97.458594
Derrick Elevation: 1062 Ground Elevation: 1051

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
SURFACE	9 5/8	30	K-55	1329		685	SURFACE
PRODUCTION	7	23	K-55	4467		400	50

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

Total Depth: 4665

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
Sep 10, 2021	DEESE	1	22	5	5000	212	PUMPING	940		

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
4065	4209

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

704, BARRELS, 22,504 POUNDS 16/30 SAND IN 1, 2, 3, 4 PUMPING STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
3903	3920

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

411 BARRELS, 7,827 POUNDS 16/30 SAND IN 1, 2, 3 PUMPING STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
3586	3724

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

467 BARRELS, 10,001 POUNDS SAND IN 1, 2, 3 PUMPING STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
3489	3505

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

449 BARRELS, 9,031 POUNDS SAND IN 1, 2, 3 PUMPING STAGES

Formation Name: DEESE		Code: 404DEESS	Class: OIL
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
701901	UNIT	3130	3132
Acid Volumes		Fracture Treatments	
There are no Acid Volume records to display.		276 BARRELS, 3,161 POUNDS 16/30 SAND	

Formation	Top
CISCO	1626
HOXBAR GROUP	2060
COUNTY LINE LIME	2377
COUNTY LINE SAND	2430
TATUMS	2648
DEESE GROUP	3195
EASON	3473
TUSSY	3565
CARPENTER SAND	3713
MORRIS	3991

Were open hole logs run? Yes

Date last log run: March 20, 2021

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
There are no Other Remarks.

Bottom Holes
<p>Sec: 1 TWP: 2S RGE: 3W County: CARTER</p> <p>SW NW SE SE</p> <p>874 FSL 917 FEL of 1/4 SEC</p> <p>Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0</p> <p>Measured Total Depth: 4665 True Vertical Depth: 4600 End Pt. Location From Release, Unit or Property Line: 874</p>

FOR COMMISSION USE ONLY	
Status: Accepted	1146961

API NO.	019-26433
OTC PROD. UNIT NO.	019-226592-0-5383

(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

RECEIVED

OCT 07 2021

Form 1002A
Rev. 2009

OKLAHOMA CORPORATION
COMMISSION

<input checked="" type="checkbox"/>	ORIGINAL
<input type="checkbox"/>	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 1	TWP 2S	RGE 3W	DATE OF WELL COMPLETION	8-30-21
LEASE NAME	SW Wildcat Jim SW WJDU Dees Unit			WELL NO. 4-1	1st PROD DATE	8-31-21
SW 1/4 NE 1/4 SE 1/4 SE 1/4	FSL OF 1/4 SEC 711'	FEL OF 1/4 SEC 348'	RECOMP DATE			
ELEVATION Derrick FL 1061.5' Ground	1051'	Latitude (If known) 34.407264	Longitude (If known)		-97.458594	
OPERATOR NAME	Mack Energy Co.			OTC / OCC OPERATOR NO.	11739	
ADDRESS	P.O. Box 400					
CITY	Duncan			STATE	OK	ZIP 73534

COMPLETION TYPE

X	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"	36#	K-55	1329'		685	Surface
INTERMEDIATE							
PRODUCTION	7"	23#	K-55	4467'		400	50'
LINER							

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

TOTAL DEPTH	4467'
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4665 Per Survey

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	(Lower Morris)	(Upper Morris)	(L/U Carpenter)	(Tussy)	(Fusulina)	← All Decks
SPACING & SPACING	10 acre/ 701901	10 acre/ 701901	10 acre/ 701901	10 acre/ 701901	10 acre/ 701901	
ORDER NUMBER	<i>unit</i>	<i>unit</i>	<i>unit</i>	<i>unit</i>	<i>unit</i>	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil	Oil	Oil	Oil	Oil	
PERFORATED INTERVALS	4065-4209'	3920-3903'	3724-3586'	3505-3489'	3132-3130'	
ACID/VOLUME						
FRACTURE TREATMENT (Fluids/Prop Amounts)	704 bbls, 22504# 16/30 sd in 1,2,3,4 ppg stgs	411 bbls, 7827# 16/30 sd in 1,2,3 ppg stgds	467 bbls, 10001# sd in 1,2,3 ppg stgs	449 bbls, 9031# sd in 1,2,3 ppg stgs	276 bbls, 3161# 16/30 sd	

Monitor
Report
to FracFocus

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

Gas Purchaser/Measurer

7

First Sales Date

Oil Allowable (165:10-13-3)

INITIAL TEST DATA

INITIAL TEST DATE	9/10/2021					
OIL-BBL/DAY	1					
OIL-GRAVITY (API)	22					
GAS-MCF/DAY	5					
GAS-OIL RATIO CU FT/BBL	5000					
WATER-BBL/DAY	212					
PUMPING OR FLOWING	Pumping					
INITIAL SHUT-IN PRESSURE	940 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.

Rina M. Ayer
signature

Dinah Moves

10/7/2021 580-856-3705

SIGNATURE

NAME (PRINT OR TYPE) _____

DATE	PHONE NUMBER
------	--------------

3730 Samedan Rd

Ratliff City

OK 73481

dmaves@mackenergy.com

ADDRESS

CITY

STAT

719

EMAIL ADDRESS

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
Cisco	1626'
Hoxbar Group	2060'
County Line Lime	2377'
County Line Sand	2430'
Tatums	2648'
Deese Group	3195'
Eason	3473'
Tussy	3565'
Carpenter Sand	3713'
Morris	3991'

LEASE NAME SW WJDU WELL NO. 4-1

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

Were open hole logs run? ☒ yes ☐ no

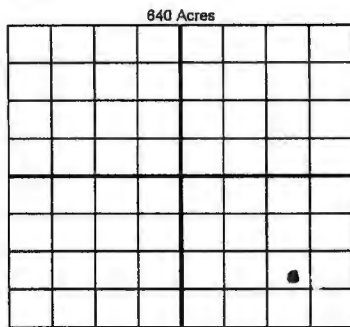
Date Last log was run 3/20/2021

Was CO₂ encountered? ☐ yes ☒ no at what depths? _____

Was H₂S encountered? ☐ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? ☐ yes ☒ no
If yes, briefly explain below _____

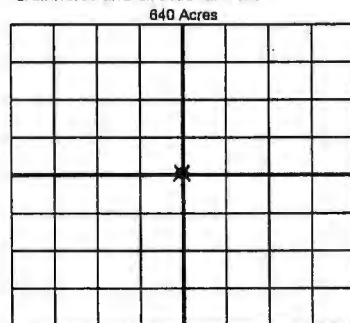
Other remarks: _____



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 1	TWP 2S	RGE 3W	COUNTY <u>Carter</u>	<u>Stephens</u>	<u>874</u>	<u>917</u>
Spot Location <u>SW 1/4</u>		<u>NE 1/4</u>		<u>SE 1/4</u>		<u>SE 1/4</u>
Measured Total Depth <u>4665'</u>		True Vertical Depth <u>4600'</u>		BHL From Lease, Unit, or Property Line: <u>1120' 874</u>		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1						
SEC	TWP	RGE	COUNTY			
Spot Location <u>1/4</u>		<u>1/4</u>		<u>1/4</u>		<u>1/4</u>
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 <u>1/4</u>		<u>1/4</u>		<u>1/4</u>		<u>1/4</u>
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 <u>1/4</u>		<u>1/4</u>		<u>1/4</u>		<u>1/4</u>
Depth of Deviation		Radius of Turn		Direction		Total Length
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		