

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.: 35019264240000

Completion Report

Spud Date: January 17, 2021

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

Drilling Finished Date: January 23, 2021

1st Prod Date: August 11, 2021

Completion Date: August 10, 2021

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 5-1

Purchaser/Measurer:

Location: CARTER 6 2S 2W
NE SW SW SW
476 FSL 445 FWL of 1/4 SEC
Latitude: 34.406614 Longitude: -97.455963
Derrick Elevation: 1054 Ground Elevation: 1044

First Sales Date:

Operator: MACK ENERGY CO 11739

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

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
There are no Location Exception records to display.	

Increased Density	
Order No	
There are no Increased Density records to display.	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	16			42			SURFACE
SURFACE	9 5/8	36	K-55	1301		685	SURFACE
PRODUCTION	7	26		4367		475	SURFACE

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

Total Depth: 4390

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
Aug 19, 2021	DEESE	2	22	2	1000	296	PUMPING	900		

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
4009	4135

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

681 BARRELS, 15,985 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
3832	3905

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

357 BARRELS, 5,459 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
3588	3743

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

467 BARRELS, 3,964 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
3361	3532

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

611 BARRELS, 15,855 16/30 SAND IN 1, 2, 3 PUMPING STAGES

Formation	Top
CISCO	1548
HOXBAR	2131

Were open hole logs run? Yes

Date last log run: January 21, 2021

Were unusual drilling circumstances encountered? No

COUNTY LINE LIME	2397
COUNTY LINE SAND	2456
TATUMS	2684
DEESE GROUP	3077
EASON	3265
TUSSY	3331
TUSSY LIME	3339
CARPENTER SANDS	3563
MORRIS	3811
DORNICK HILLS	4243

Explanation:

Other Remarks
There are no Other Remarks.

Bottom Holes
Sec: 6 TWP: 2S RGE: 2W County: CARTER SE NW SW SW 871 FSL 392 FWL of 1/4 SEC Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0 Measured Total Depth: 4390 True Vertical Depth: 4359 End Pt. Location From Release, Unit or Property Line: 392

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1147044</div>

API NO. 019-26424
OTC PROD. 019-226592-
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

Submitted
10-27-2021
DWN

Form 1002A
Rev. 2009

☒ ORIGINAL
☐ AMENDED (Reason) _____

COMPLETION REPORT

TYPE OF DRILLING OPERATION
☐ STRAIGHT HOLE ☒ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
☐ SERVICE WELL

SPUD DATE 1-17-21
DRLG FINISHED DATE 1-23-21

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

COUNTY Carter SEC 6 TWP 2S RGE 2W
LEASE NAME SW WJDU SW WJDU SW WJDU SW WJDU SW WJDU
NE 1/4 SW 1/4 SW 1/4 SW 1/4 SW 1/4 FSL OF 1/4 SEC 476' FWL OF 1/4 SEC 445' WELL 5-1
ELEVATION 1054.5 Ground 1044' Latitude (if known) 34.406614 Longitude (if known) 97.455963
OPERATOR NAME Mack Energy Co. OTC / OCC OPERATOR NO. 11739
ADDRESS P.O. Box 400
CITY Duncan STATE OK ZIP 73534

840 Acres
LOCATE WELL

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	16"			42'			Surface
SURFACE	9 5/8"	36#	K-55	1301'		685	Surface
INTERMEDIATE							
PRODUCTION	7"	26#		4367'		475	Surface
LINER							

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

TOTAL DEPTH 4367'

4390' P.1 SURVEY
BHL

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	(Lower Morris)	(Upper Morris)	(Carpenter)	(Tussy)	ALL DEESES	Reported to Frac Focus
SPACING & SPACING ORDER NUMBER	10-acre/ 701901	10-acre/ 701901	10-acre/ 701901	10-acre/ 701901		
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil	Oil	Oil	Oil		
PERFORATED INTERVALS	4009'-4135'	3832-3905'	3588-3743'	3361-3532'		
ACID/VOLUME						
FRACTURE TREATMENT (Fluids/Prop Amounts)	681 bbls, 15985# 16/30 sd in 1,2,3 ppg stgs	357 bbls, 5459# 16/30 sd in 1,2,3 ppg stgs	467 bbls, 3964# 16/30 sd in 1,2,3 ppg stgs	611 bbls, 15855# 16/30 sd in 1,2,3 ppg stgs		

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

INITIAL TEST DATA

INITIAL TEST DATE	8/19/2021				
OIL-BBL/DAY	2				
OIL-GRAVITY (API)	22				
GAS-MCF/DAY	2				
GAS-OIL RATIO CU FT/BBL	1000				
WATER-BBL/DAY	296				
PUMPING OR FLOWING	Pumping				
INITIAL SHUT-IN PRESSURE	900 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.

Dinah Mayes

580-856-3705

SIGNATURE 3730 Samedan Rd ADDRESS
NAME (PRINT OR TYPE) Ratliff City OK 73481 CITY STATE ZIP
DATE PHONE NUMBER
EMAIL ADDRESS dmayeres@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.

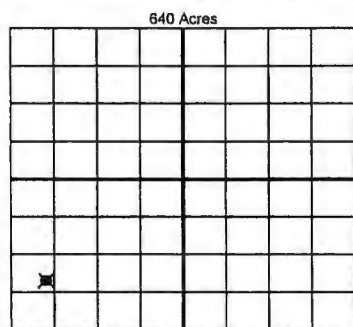
NAMES OF FORMATIONS	TOP
Cisco	1548'
Hoxbar	2131'
County Line Lime	2397'
County Line Sd	2456'
Tatums	2684'
Deese Group	3077'
Eason	3265'
Tussy	3331'
Tussy Lime	3339'
Carpenter Sands	3563'
Morris	3811'
Dornick Hills	4243'

LEASE NAME SW WJDU WELL NO. 5-1

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>1/21/2021</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 type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

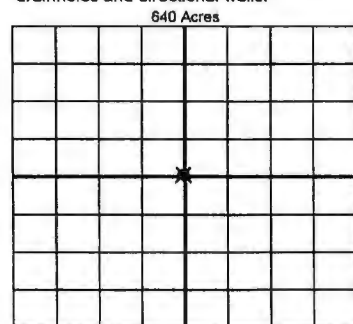
Other remarks:



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 6	TWP 2S	RGE 2W	COUNTY	Carter	871	392
Spot Location			SE 1/4 NW 1/4 SW 1/4 SW 1/4	Feet From 1/4 Sec Lines	FSL 861	FWL 393
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		
4390'		4359'		1033' 392		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1						
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:		

LATERAL #2						
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:		

LATERAL #3						
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:		