

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.: 35019264040000

Completion Report

Spud Date: September 14, 2020

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

Drilling Finished Date: September 18, 2020

1st Prod Date: February 24, 2021

Completion Date: February 09, 2021

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 23-1

Purchaser/Measurer:

Location: CARTER 7 2S 2W
SE NW SE SW
789 FSL 1684 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1031

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	40	K-55	1313		685	SURFACE
PRODUCTION		7	26	K055	4439		495	2900

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

Total Depth: 4650

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		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
Mar 05, 2021	DEESE	1	23			181	PUMPING	28	N/A	100

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
4201	4274

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

631 BARRELS, 24,700 POUNDS 16/30 SAND, 1, 2, 3 STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
4124	4166

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

497 BARRELS, 13,700 POUNDS 16/30 SAND, 1, 2, 3, STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
3758	3942

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

494 BARRELS, 13,500 POUNDS 16/30 SAND, 1, 2, 3 STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
701901	UNIT

Perforated Intervals

From	To
3412	3584

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

512 BARRELS, 15,900 POUNDS 16/30 SAND, 1, 2, 3 STAGES

Formation Name: DEESE		Code: 404DEESS	Class: OIL
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
701901	UNIT	2942	3141
Acid Volumes		Fracture Treatments	
1 BARREL 7.5% MCA WITH FE AND 10 BARRELS 7.5% MCA/FE		There are no Fracture Treatments records to display.	

Formation	Top
CISCO	1500
HOXBAR	1950
COUNTY LINE LIME	2150
COUNTY LINE SAND	2250
TATUMS	2422
DEESE	2920
FUSULINID	2950
EASON	3430
TUSSY LIME	3535
TUSSY SANDS	3650
CARPENTER SANDS	3750
MORRIS	4110

Were open hole logs run? Yes

Date last log run: September 19, 2020

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
THIS WELL IS PART OF THE NEWLY FORMED SOUTHWEST WILDCAT JIM DEESE UNIT. OCC - SEE 1002C'S. SQUEEZE JOB AT 3,204 USING 150 SACKS CEMENT

Bottom Holes
Sec: 7 TWP: 2S RGE: 2W County: CARTER SE NW SE SW 926 FSL 1767 FWL of 1/4 SEC Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0 Measured Total Depth: 4650 True Vertical Depth: 4646 End Pt. Location From Release, Unit or Property Line: 775

FOR COMMISSION USE ONLY	
Status: Accepted	1146309

RECEIVED

API NO. 019-26404
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

APR 13 2021

Form 1002A
Rev. 2009

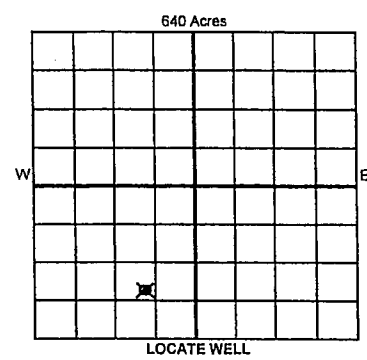
☒ ORIGINAL
☐ AMENDED (Reason) _____

COMPLETION REPORT

TYPE OF DRILLING OPERATION
☐ STRAIGHT HOLE ☒ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
☐ SERVICE WELL
If directional or horizontal, see reverse for bottom hole location.

SPUD DATE 9-14-20
DRLG FINISHED DATE 9-18-20
DATE OF WELL COMPLETION 2-9-21
1st PROD DATE 2-24-21
RECOMP DATE
Longitude (if known)
Latitude (if known)
OTC / OCC OPERATOR NO. 11739

COUNTY Carter SEC 7 TWP 2S RGE 2W
LEASE NAME *Sw Wilcox Jim* SW WJDU *Deese Unit* WELL NO. 23-1
SE 1/4 NW 1/4 SE 1/4 SW 1/4 FSL OF 1/4 SEC 789' FWL OF 1/4 SEC 1684'
ELEVATION 1031' Ground
Derrick FL
OPERATOR NAME Mack Energy Co.
ADDRESS P.O. Box 400
CITY Duncan STATE OK ZIP 73534



COMPLETION TYPE
☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
COMINGLED Application Date
LOCATION EXCEPTION ORDER NO.
INCREASED DENSITY ORDER NO.

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	9 5/8"	40#	K-55	1313'		685	Surface
INTERMEDIATE							
PRODUCTION	7"	26#	K-55	4439'		495	2900
LINER							

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
COMPLETION & TEST DATA BY PRODUCING FORMATION *404 DEESS* TOTAL DEPTH *4450'*

FORMATION	(L. Morris)	(M. Morris)	(Carpenter)	(Tussy)	(Fusulinid)	<i>All Deese</i>
SPACING & SPACING	<i>10 acre</i>	<i>10 acre</i>	<i>10 acre</i>	<i>10 acre</i>	<i>10 acre</i>	
ORDER NUMBER	701901 <i>Unit</i>	701901 <i>Unit</i>	701901 <i>Unit</i>	701901 <i>Unit</i>	701901 <i>Unit</i>	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil	Oil	Oil	Oil	Oil	
PERFORATED INTERVALS	4201-4274'	4124-4166'	3758-3942'	3412-3584'	2942-3141'	
ACID/VOLUME						
FRACTURE TREATMENT (Fluids/Prop Amounts)	631 bbls, 24700# 16/30 sd, 1,2,3 stgs	497 bbls, 13700# 16/30 sd, 1,2,3 stgs	494 bbls, 13500# 16/30 sd, 1,2,3 stgs	512 bbls, 15900# 16/30 sd 1,2,3 stgs	1 bbl 7.5% MCA w/FE & 10 bbls 7.5% MCA/Fe	

4650
Per survey
4 BML
Reported to Fractious

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

INITIAL TEST DATE	3/5/2021				
OIL-BBL/DAY	1				
OIL-GRAVITY (API)	23				
GAS-MCF/DAY	0				
GAS-OIL RATIO CU FT/BBL	0				
WATER-BBL/DAY	181				
PUMPING OR FLOWING	Pumping				
INITIAL SHUT-IN PRESSURE	28				
CHOKE SIZE	N/A				
FLOW TUBING PRESSURE	100				

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
SIGNATURE
3730 Samedan Rd.
ADDRESS

Dinah Mayes
NAME (PRINT OR TYPE)
Ratliff City
CITY
OK
STATE
73481
ZIP

4-13-21
DATE
580-856-3705
PHONE NUMBER
dmayes@mackenergy.com
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	1500' MD
Hoxbar	1950'
County Line Lime	2150'
County Line Sand	2250'
Tatums	2422'
Deese	2920'
Fussulinid	2950'
Eason	3430'
Tussy Lime	3535'
Tussy Sands	3650'
Carpenter Sands	3750'
Morris	4110'

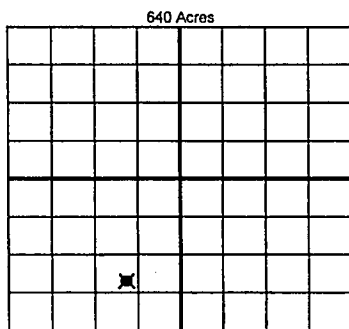
LEASE NAME SW WJDU WELL NO. 23-1

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>9/19/2020</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 type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks: This well is part of the newly formed Southwest Wildcat Jim Deese Unit

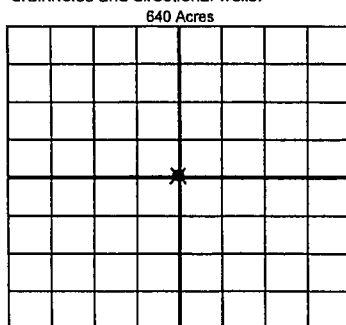
OCC - see 1002C's squeeze job at 3204 using 150 sacks cement



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		Feet From 1/4 Sec Lines		FSL 92'
SE 1/4	NW 1/4	SE 1/4	SW 1/4	FWL 1767'
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:
4650'		4646'		775'

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

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

LATERAL #2				
SEC	TWP	RGE	COUNTY	
Spot Location		Feet From 1/4 Sec Lines		FSL
1/4	1/4	1/4	1/4	FWL
Depth of Deviation		Radius of Turn		Direction
Measured Total Depth		True Vertical Depth		Total Length
		BHL From Lease, Unit, or Property Line:		

LATERAL #3				
SEC	TWP	RGE	COUNTY	
Spot Location		Feet From 1/4 Sec Lines		FSL
1/4	1/4	1/4	1/4	FWL
Depth of Deviation		Radius of Turn		Direction
Measured Total Depth		True Vertical Depth		Total Length
		BHL From Lease, Unit, or Property Line:		