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

API No.: 35019264230000 **Completion Report** Spud Date: December 29, 2020

OTC Prod. Unit No.: 019-226592-0-5383 Drilling Finished Date: January 04, 2021

1st Prod Date:

First Sales Date:

Completion Date: March 09, 2021

Drill Type: STRAIGHT HOLE

SERVICE WELL

DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 9-4 Purchaser/Measurer:

CARTER 12 2S 3W Location:

NW NW SE NE 1385 FNL 1016 FEL of 1/4 SEC

Latitude: 34.401499 Longitude: -97.460814 Derrick Elevation: 0 Ground Elevation: 1017

MACK ENERGY CO 11739 Operator:

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

Completion Type								
Х	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							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	40	K-55	1337		685	SURFACE
PRODUCTION	7	26	P-110	4830		375	800

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

Total Depth: 4834

Packer						
Depth	Brand & Type					
3149	AS-1XIPC					

Plug					
Depth	Plug Type				
4807	CEMENT & CASING SHOE				

Initial Test Data

December 28, 2021 1 of 3

Test Date	Format	ion	Oil BBL/Day	Oil-Gr (Al		Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
				There	e are n	o Initial Data	records to disp	olay.				
			Con	npletio	n and	Test Data b	y Producing F	ormation				
	Formation N	ame: DEES	E			Code: 40	4DEESS	С	lass: INJ			
	Spacing	Orders					Perforated I	ntervals				
Orde	r No	U	nit Size			Fron	ı	1	ō			
701	901		UNIT			4442	2	45	567			
	Acid Vo	olumes					Fracture Tre	atments		\neg		
2,500 GALL	ONS 7.5% NEF SA		OUNDS ROC	К	Т	here are no	Fracture Treatr	ments record	s to display.			
	Formation N	ame: DEES	E			Code: 40	4DEESS	C	lass: INJ			
	Spacing	Orders					Perforated I	ntervals				
Orde	r No	U	nit Size			Fron	n	1	ō			
701	901		UNIT			4197	,	4295				
Acid Volumes				Fracture Treatments								
1,300 GALL	ONS 7.5% NEF SA		OUNDS ROC	K	There are no Fracture Treatments records to display.							
	Formation N	ame: DEES	E			Code: 40	4DEESS	C	lass: INJ			
	Spacing	Orders			Perforated Intervals							
Orde	r No	U	nit Size			Fron	ı	7	-o			
701	901		UNIT			4031		40)69			
	Acid Vo	olumes			Fracture Treatments							
1,300 GALL	ONS 7.5% NEF SA		OUNDS ROC	K	There are no Fracture Treatments records to display.							
	Formation N	ame: DEES	E			Code: 40	4DEESS	C	lass: INJ			
	Spacing Orders			Perforated Intervals								
Orde	r No	U	nit Size			Fron	n	7	То			
701	901		UNIT			3894	ļ	39	913			
	Acid Vo	olumes					Fracture Tre	atments				
800 GALLON	IS 7.5% NEFE,	600 POUNE	OS ROCK SA	LT	There are no Fracture Treatments records to display.							

December 28, 2021 2 of 3

Formation Name: DEESE

Code: 404DEESS

Class: INJ

Spacing Orders						
Order No Unit Size						
701901	UNIT					

Perforated Intervals						
From To						
3644	3860					

Acid Volumes

1,300 GALLONS 7.5% NEFE, 1,100 POUNDS ROCK SALT, 1,500 GALLONS 7.5% NEFE, 1,300 POUNDS ROCK SALT

-	Fra	ctu	re	Tre	atm	nen	te

There are no Fracture Treatments records to display.

Formation	Тор
CISCO	1517
HOXBAR	2007
COUNTY LINE LIME	2255
COUNTY LINE SAND	2328
TATUMS	2480
DEESE GROUP	2987
FUSULINID	3120
EASON	3242
TUSSY	3376
TUSSY LIME	3397
CARPENTER SANDS	3690
MORRIS	4025

Were open hole logs run? Yes Date last log run: January 03, 2021

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

OCC - UIC PERMIT 2100402303. PER OPERATOR-THIS WELL HAS BECOME PART OF THE NEWLY FORMED SW WILDCAT JIM DEESE UNIT (SW WJDU) APPROVED AS OF SEPTEMBER 9, 2019.

Bottom Holes

Sec: 12 TWP: 2S RGE: 3W County: CARTER

SE SW NE NE

1144 FNL 844 FEL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0

Measured Total Depth: 4819 True Vertical Depth: 4802 End Pt. Location From Release, Unit or Property Line: 844

FOR COMMISSION USE ONLY

1146311

Status: Accepted

December 28, 2021 3 of 3

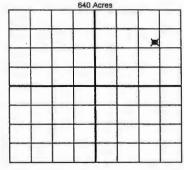
API NO. 019-26423 OTC PROD, 019-226592- UNIT NO. 0-5383	(PLEASE TYPE OR USE I		C	Oil & Gas Post Oklahoma Cil	Conservation Office Box	52000 a 73152-2000	OKLAHON		3 2021 RPORATION SION	Form 1002A Rev. 2009
AMENDED (Reason)				COMP	LETION R	EPORT				
TYPE OF DRILLING OPERATIO	_	HORIZONTAL HOLE	SPU	JD DATE	12-2	9-20		640 Acres		1
SERVICE WELL		HONEOWIAL HOLE	DRL	G FINISHED	1-4	-21				
If directional or horizontal, see re COUNTY Carte	1	2S RGE 3W	DAT	E OF WELL	3-9					
LEASE NAME SW Wildowt Ji		In TWELL 9-		PROD DATE					X	
NW 1/4 NW 1/4 SE	(au on	85' FELOF 10'		COMP DATE	······································	w				E
ELEVATION Grant	17/4 SEC	174 360			→ 97.46	0014				
Derrick FL Groun			OTC / OC	(II KITOWIT)						
NAME	Mack Energy Co.		OPERATO		117	39				
ADDRESS		O. Box 400								
CITY	Duncan	STATE	Ol	K ZIP	735	534	LO	CATE WE	LL L	J
COMPLETION TYPE		CASING & CEMENT					T I			1
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
Application Date COMMINGLED		CONDUCTOR	9 5/8'	1 404	VEE	40071		cor	Country	
Application Date LOCATION EXCEPTION		SURFACE	a 0/g.	40#	K-55	1337'		685	Surface	
ORDER NO. INCREASED DENSITY		PRODUCTION	7"	26#	P-110	4830'		375	800'	-
ORDER NO.		LINER		20#	F-110	4030		3/5	800	
2140	ND & TYPE AS-1XIPC		757		111-	in Chore	I T	OTAL	4,834	
	ND & TYPE ADAIN TO	PLUG @	TYF		PLUG @	TYPE	D	EPTH	4,034	
	BY PRODUCING FORMATION	7200 9		4041	DEE	55		~		
FORMATION	(L. Morris)	/ U. Morris	/1	Carpente	er) /L	. Carpenter)	(Tussy) _	All Dee	رهای
SPACING & SPACING	40 Acres	10-acres	-	10 acres	/	10 acres	10 acres		All vee	
ORDER NUMBER	701901 unit	7019014	Vit.	701901	cheit	701901 Unit				
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	lni	lnj		Inj		lnj	lnj			Moniter -
	4442'-4567'	4197'-4295	,	4031'-4069	ייב	3894-3913'	3644-3860	ı		Mornhar Report to Frantica
DE0500 1750	7-1-2-1-307	4107-4200		4051-4008	<u> </u>	3034-3313	3044-3000			
PERFORATED INTERVALS										
							1300 gals 7.5			
	2500 gals 7.5% NeFe	1300 gals 7.5	% 13	300 gals 7.	5% 80	00 gals 7.5%	NeFe, 1100# 1500 gals 7.5			
ACID/VOLUME	2400# rock salt	NeFe, 1100#	1	NeFe, 110.0		Fe, 600# r.s.	NeFe, 1300			
FRACTURE TREATMENT (Fluids/Prop Amounts)										
]
INITIAL TEST DATA	Min Gas Alio OR Oli Aliowabie	•	10-17-7)			PurchaseriMeasurer Seles Date	-			-
INITIAL TEST DATE	N/A (Injector)									
OIL-BBL/DAY]
OIL-GRAVITY (API)										
GAS-MCF/DAY										1
GAS-OIL RATIO CU FT/BBL										1
WATER-BBL/DAY										1
PUMPING OR FLOWING							1			1
INITIAL SHUT-IN PRESSURE				***************************************						1
CHOKE SIZE								_		1
FLOW TUBING PRESSURE			+					-		1
A record of the formations dri	Lilled through, and pertinent remarks	are presented on the re	everse, I c	declare that I ha	ve knowled	ge of the contents of	this report and am a	ithorized h	nollazinapo vm v	4
to make this report, which were	s prepared by me or under my super	vision and direction, w	ith the date Dina	a and facts state th Mayes RINT OR TYPI	ed herein to	be true, correct, and	Complete to the best 1-13-2 DATE	of my kno	wiedge and belief. 30-856-3705 HONE NUMBER	
3730 Sam	edan Rd.	Ratliff City	OK			dm	ayes@macke			
ADDF	RESS	CITY	STATE	ZIP			EMAIL ADDR			1

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	ТОР
Cisco	1517'
Hoxbar	2007'
County Line Lime	2255'
County Line Sand	2328'
Tatums	2480'
Deese Group	2987'
Fussulinid	3120'
Eason	3242'
Tussy	3376'
Tussy Lime	3397'
Carpenter Sands	3690'
Morris	4025'

LEASE NAME	SW	MJDU		WE	LL NO	9-4
		FOR	COMMIS	SION USE ONLY	1	
APPROVED	YES DISAPPROVED		2) Reject (Codes		
		-				
Were open hole log		X_yes	no	021		
Was CO₂ encount	pred?		X no	at what depths	?	Y
Were unusual drill If yes, briefly expla	ng circumstances er	ncountered	17		yes	^_по

Other remarks:	This well has become part of the newly formed SW Wildcat Jim Deese Unit (SW WJDU) approved as of 9-9-19	
OCO	2- UIC permit 2100402303	

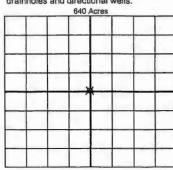


If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

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 specing unit.

Directional surveys are required for all drainholes and directional wells.

640 Acres



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	12	TWP	28	RGE	3W		COUNTY			Carter	1144	0	44
Spot I	Loca	tion 1/4	SW	1/4	NE	1/4	NE	1/4	Feet From 1/4 Sec Lines	FNL	.1053	FEL _&	351
Meas	ured	Total Dept	h		True Vertic	al Dep	oth		BHL From Lease, Unit, or Pro	perty Line:			
		471	348	19		470	90 48C	22		530			

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

SEC	TWP	RGE		COUNTY			
Spot Loc	cation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviatio			Radius of Turn		Direction	Total Length	1,,,,,,,,
Measure	ed Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loc	cation 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	10000000
Measure	ed Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro	operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loc	ation 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	Parada
Measured Total Depth True Vertical Depth			pth	BHL From Lease, Unit, or Property Line:			