# Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: 019-109942-0-5383 Drilling Finished Date: March 02, 2021

1st Prod Date: August 05, 2021

Completion Date: July 31, 2021

First Sales Date:

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 2-2 Purchaser/Measurer:

Location: CARTER 1 2S 3W

NE NE SE SE

1093 FSL 97 FEL of 1/4 SEC

Derrick Elevation: 1059 Ground Elevation: 1048

Operator: MACK ENERGY CO 11739

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										
Type Size Weight Grade Feet PSI SAX Top of CMT										
SURFACE	9 5/8	40	K-55	1310		685	SURFACE			
PRODUCTION	7	26	K-55	4265		400	1000			

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

Total Depth: 4283

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										
BBL/Day   (API)   MCF/Day   Cu FT/BBL   BBL/Day   Flowing   In   Size									Flow Tubing Pressure		
Aug 05, 2021	DEESE	40	22	30	750	120	PUMPING	320			

August 30, 2021 1 of 3

#### **Completion and Test Data by Producing Formation** Class: OIL Formation Name: DEESE Code: 404DEESS **Spacing Orders Perforated Intervals Order No Unit Size** From To 701901 UNIT 4043 4105 **Acid Volumes Fracture Treatments** 658 BARRELS, 16,355 POUNDS 16/30 SAND IN 1, 2, 3 There are no Acid Volume records to display. **PUMPING STAGES** Formation Name: DEESE Code: 404DEESS Class: OIL **Spacing Orders Perforated Intervals Order No Unit Size** To From 701901 UNIT 3909 4019 **Acid Volumes Fracture Treatments** There are no Acid Volume records to display. 448 BARRELS, 7,631 POUNDS 16/30 SAND IN 1, 2, 3 **PUMPING STAGES** Formation Name: DEESE Code: 404DEESS Class: OIL **Spacing Orders Perforated Intervals Unit Size Order No** From To 701901 UNIT 3527 3624 **Acid Volumes Fracture Treatments** There are no Acid Volume records to display. 534 BARRELS, 11,207 POUNDS 16/30 SAND IN 1, 2, 3 **PUMPING STAGES** Formation Name: DEESE Code: 404DEESS Class: OIL **Spacing Orders Perforated Intervals Order No Unit Size** То From 701901 UNIT 3286 3473 **Acid Volumes Fracture Treatments** 335 BARRELS, 5,434 POUNDS 16/30 SAND IN 1, 2, 3 There are no Acid Volume records to display. **PUMPING STAGES** Were open hole logs run? No

Formation	Тор
CISCO	1518
HOXBAR GROUP	2167
COUNTY LINE LIME	2496
COUNTY LINE SAND	2583
TATUMS	2793

Date last log run: March 01, 2021

Were unusual drilling circumstances encountered? No Explanation:

August 30, 2021 2 of 3

DEESE GROUP	3334
EASON	3498
TUSSY (3,526') TUSSY LIME	3559
CARPENTER	3693
MORRIS	3865

### Other Remarks

THIS WELL IS PART OF THE NEWLY FORMED SW WILDCAT JIM DEESE UNIT.

#### **Bottom Holes**

Sec: 1 TWP: 2S RGE: 3W County: CARTER

SW SE NE SE

1329 FSL 331 FEL of 1/4 SEC

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

Measured Total Depth: 4283 True Vertical Depth: 4262 End Pt. Location From Release, Unit or Property Line: 675

# FOR COMMISSION USE ONLY

1146814

Status: Accepted

August 30, 2021 3 of 3



35-019-26430

Oil and Gas Conservation Division P.O. Box 52000

OKLAHOMA

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OTC PROD. 016-109942-0-5383	Oklahoma City, O 405-521-2331	K 73152-2000			Col	poratio nmissio	n	AU	u 2 9 202	Rev. 2020
JNIT NO. 316-109942-0-5383	OCCCentralProce	ssing@OCC.OK	(.GOV	17/2	Col	<u>mmissi</u> c	<u>on</u>	W		
ORIGINAL AMENDED (Reason)	IORIGINAL 202			F	Rule 165:10-0 LETION RE	3-25			MA CORPOR DMMISSION	
TYPE OF DRILLING OPERATION		HORIZONTAL HOLE	SPUC	DATE	2-24-2	1 -		640 Acres		1
SERVICE WELL		THORIZON TAL HOLE	DRLG	FINISHED	3-2-2	21				
directional or horizontal, see re-		2S RGE 3W	DATE	OF WELL	7-31-2					
Ourion	SW WJDU Jin Dees		CON	PLETION ROD DATE	8-5-2					
NE 1/4 NE 1/4 SE		093' (FEL) ▼ 9'		OMP DATE	0-0-2	·'		<u> </u>		E
		93 (***)	-							
Derrick FL 1059' Groun			Longi OTC / OCC		44700					
IAME	Mack Energy Co.		OPERATO	R NO.	11739			1	X	
ADDRESS		ardia Pkwy, St								
CITY	Duncan	STATE	<u>OK</u>	ZIP	7314	2		OCATE WE	LL	•
SINGLE ZONE	<u> </u>	TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	1
MULTIPLE ZONE		CONDUCTOR	0122	111111111	0.0.0.0		1			
Application Date COMMINGLED		SURFACE	9 5/8"	40#	K-55	1310'		685	Surface	
LOCATION EXCEPTION		INTERMEDIATE	5 0.0	1		.575				1
ORDER NO. MULTIUNIT ORDER NO.		PRODUCTION	7"	26#	K-55	4265'		400	1000'	1
INCREASED DENSITY ORDER NO.		LINER								]
	ND & TYPE	PLUG @	TYPE	·	PLUG @	TYPE		TOTAL	Un 60	
PACKER @BRAN	ND & TYPE	PLUG @	TYPE		PLUG@			DEPTH	4283	
	BY PRODUCING FORMATIO			EES						1.4.1
FORMATION	(L. Morris)	L/U Morr							all	Monitor Report to Face
SPACING & SPACING ORDER NUMBER	<b>#0</b> /701901	\$9/70190	01 15	/70190	11 18	/701901	<i>funitor</i>	All		Keport 10 Hav
CLASS: Oil, Gas, Dry, Inj,	Oil 🔽	Oil	Floi		→ Oil			•		
Disp, Comm Disp, Svc	4043-4105'	3909-40 <sup>-</sup>	<u> </u>			86-3472				
	4043-4105	3909-40	19 33	27-302	4 32	00-3473				1
PERFORATED INTERVALS										
ACIDIVOLUME										
	658 bbls,	448 bbls,	534	4 bbls,	335	bbls,				1
FRACTURE TREATMENT	16355# 16/30	7631# 16/	30 112	207# 16/3	0 543	4# 16/30				
(Fluids/Prop Amounts)	sd in 1,2,3 ppg		150	пт т,∠,3 р S		n 1,2,3 ppg				
	stgs	ppg stgs	9		stgs	,				
	Min Gas All		L)			Purchaser/Measure	er		<u> </u>	1
	OR					First Sales Date				-
NITIAL TEST DATA NITIAL TEST DATE	8-5-21	able (165:10-13-3	"		-T	Т				1
OIL-BBL/DAY	40		_		_					1
OIL-GRAVITY ( API)	22				_					1
GAS-MCF/DAY	30				_		······································			1
GAS-OIL RATIO CU FT/BBL	750									1
WATER-BBL/DAY	120		-							1
PUMPING OR FLOWING	Pumping		-					_		1
INITIAL SHUT-IN PRESSURE	320 psig									1
CHOKE SIZE	JZU psig									1
FLOW TUBING PRESSURE			_					-		1
A record of the formations dril	led through, and pertinent remarks	are presented on the o	everse, I de	eclare that I ha	ve knowledo	ge of the contents of th	is report and am	authorized b	y my organization	4
to make this report, which was	prepared by me or under my supe	ervision and direction, w	ith the data	and facts stat	ed herein to	be true, correct, and co	omplete to the be	st of my kno	wledge and belief.	
UM ad SIGNA	mayes			es, Eng. T			8-20-21 DATE		0-856-3705 HONE NUMBER	٠.
3730 Sam	edan Rd	Ratliff City	OK	7348	-	dmay	es@mack	energy.		]
ADDR	ESS	CITY	STATE	ZIP	,		EMAIL ADD	RESS		

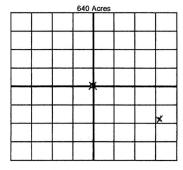
# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

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	1518'
Hoxbar Group	2167'
County Line Lime	2496'
County Line Sand	2583'
Tatums	2793'
Deese Group	3334'
Eason	3498'
Tussy (3526') Tussy Lime	3559'
Carpenter	3693'
Morris	3865'

LEASE NAME		SW WJDI	J	WE	WELL NO 2-2			
		FO	R COMMIS	SION USE ONLY				
ITD on file  APPROVED	YES DISAPPRO	OVED	2) Reject	Codes				
Were open hole Date Last log w Was CO <sub>2</sub> enco	as run	_	no 3-1-2	21 at what depths	_ ?			
Was H <sub>2</sub> S encou Were unusual d If yes, briefly ex	frilling circumstand	yes encountered	no ed?	at what depths	yes C	<b>D</b> <sub>no</sub>		

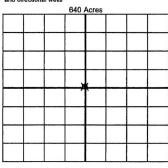
Other remarks:	This well is part of the newly formed SW Wildcut Jim Deese Unit	
		Ti .



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	C	COUNTY		Carter	1326		
SW	1/4	SE	1/4	NE	1/4	SE	1/4	Feet From 1/4 Sec Lines FSL T	13364	FEL <b>→</b> 349	331
Measured	Total De	428	33'	True Vertica	al Dep	426	62'	BHL From Lease, Unit, or Property Line:		675'	

#### BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL	#1						
SEC	TWP	RGE		COUNTY			
	L						<del></del>
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines		
Depth of			Radius of Turn		Direction	Total	
Deviation						Length	
Measured	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Prop-	erty Line:	
1							1

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

SEC	TWP	RGE		COUNTY			
	1/4	1/4	1/4	1/4	Feel From 1/4 Sec Lines		
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro		



35-019-26430

Oil and Gas Conservation Division P.O. Box 52000

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Form 1002A

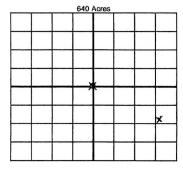
OTC PROD. 016-109942-0-5383 UNIT NO.	Oklahoma City, 0 405-521-2331		7)	1	Co	rporation mmiss	on	AU	u 2 9 202	Rev. 2020
O ORIGINAL	5383	essing@OCC.Or	GOV		ule 165:10	-3-25	<u> </u>		MA CORPOR	
AMENDED (Reason)  TYPE OF DRILLING OPERATIO	N		SPU	COMP DATE	2-24-2	<del></del>		640 Acres		
STRAIGHT HOLE  SERVICE WELL  If directional or horizontal, see rev		HORIZONTAL HOLE		3 FINISHED	3-2-					
county Carter		P 2S RGE 3W		OF WELL PLETION	7-31-	-21		$\vdash$		
LEASE SW Wildest S	SW WJDU Jin Dees	elly WELL 2-2		ROD DATE	8-5-2	21				
NE 1/4 NE 1/4 SE		093' 🗚 9		OMP DATE		w	<b>/</b>	<del>                                     </del>		E
ELEVATION 1059' Groun	d 1048' Latitude		Long	itude				+-		
OPERATOR	Mack Energy Co.		OTC / OC		11739	3		<b>  -</b>	<del>                                     </del>	
ADDRESS		ardia Pkwy, Si		K NO.						800000000000000000000000000000000000000
CITY	Duncan	STATE	OK	ZIP	7314	42				
COMPLETION TYPE	Duncan	CASING & CEMEN			701-	12		OCATE WE	il.L	000000000000000000000000000000000000000
SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
MULTIPLE ZONE Application Date		CONDUCTOR								
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MULTIUNIT ORDER NO.		PRODUCTION	7"	26#	K-55	4265'		400	1000'	The state of the s
INCREASED DENSITY ORDER NO.		LINER								
	ID & TYPE	PLUG @	ТҮР	E	PLUG @	TYPE		TOTAL	Un 60	
	ID & TYPE	PLUG @	TYP		PLUG @	TYPE		DEPTH	4283	•
COMPLETION & TEST DATA	T A =			DEES	SIA	<i></i>	12.5			1.0 1
FORMATION	(L. Morris)	L/U Mori	15/U	arpent	errius	ssy/Fusulina			all	Monitor Report to Fac Facul
SPACING & SPACING ORDER NUMBER	<b>#0</b> /701901	\$9/7019	01   ±	9/70190	11 1	701901	(cunit or	n All		Report 10 Four Facili
CLASS: Oil, Gas, Dry, Inj,	Oil -	Oil	Flo	il l	-Oi	ı Ç	1	•		
Disp, Comm Disp, Svc	<u> </u>	<del>"</del>	السسا				1	1		
	4043-4105'	3909-40	19 3	027-302	4 32	286-34/3				
PERFORATED INTERVALS										
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	16355# 16/30	7631# 16/	20 11	207# 16/3	0 543	34# 16/30				
FRACTURE TREATMENT (Fluids/Prop Amounts)	sd in 1,2,3 ppg		150	in 1,2,3 p		sd in 1,2,3 ppg				
	stgs	ppg stgs	اعدو	jo	stg	S				
	Min Gas Al					D	<u></u>			J
	OR	•	,			Purchaser/Meas First Sales Date				
INITIAL TEST DATA	Oll Allo	wable (165:10-13-0	3)				T			1
INITIAL TEST DATE	8-5-21		_					_		-
OIL-BBL/DAY	40									-
OIL-GRAVITY ( API)	22		_		_			_		4
GAS-MCF/DAY	30		-							4
GAS-OIL RATIO CU FT/BBL	750		-							4
WATER-BBL/DAY	120				_					4
PUMPING OR FLOWING	Pumping									-
INITIAL SHUT-IN PRESSURE	320 psig								· · · · · · · · · · · · · · · · · · ·	4
CHOKE SIZE										4
FLOW TUBING PRESSURE	led through, and pertinent remark	re are presented as it-	overe 1	aclare that the	we knowled	toe of the contents o	f this report and ar-	authorized	by my organization	1
to make this report, which was	prepared by me or under my sup	pervision and direction, v	ith the data	and facts state	ed herein to	be true, correct, and	d complete to the b	est of my kno	owledge and belief.	
Winds	mayes			es, Eng. T			8-20-2 DATE		30-856-3705 PHONE NUMBER	1
3730 Sam		Ratliff City	OK	7348		dma	yes@mack			
ADDR		CITY	STATE			**************************************	EMAIL ADD			1

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FORMATION RECORD
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LEASE NAME		SW WJDI	J	w	ELL NO	2-2
		FOI	R COMMIS	SION USE ONL	.Y	
ITD on file	YES	NO				
APPROVED	DISAPPRO	OVED	2) Reject	Codes		
Were open hole	_	O yes	3-1-2	21		
Was CO₂ encou	untered?	yes	no	at what depths	.?	
Was H₂S encou	ntered?	yes	no no	at what depths	?	
Were unusual d	rilling circumstand plain below	es encountere	ed?	_	<u>)</u> yes <u>(</u>	<u> </u>

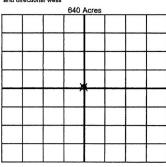
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Measured	Total De	428	33'	True Vertica	al Dep	426	32'	BHL From Lease, Unit, or Property Line: 675'	

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LATERAL	#1						
SEC	TWP	RGE		COUNTY			
	<u> </u>						
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines		
Depth of			Radius of Turn		Direction	Total	
Deviation						Length	
Measured *	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Proper	rty Line:	

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

LATERAL	#3						
SEC	TWP	RGE		COUNTY			
		L			Feet From 1/4 Sec Lines	T	
	1/4	1/4	1/4				 
Depth of			Radius of Turn		Direction	Total	
Deviation						Length	
Measured	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Prope	erty Line:	