

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.: 35019263970000

Completion Report

Spud Date: August 27, 2020

OTC Prod. Unit No.: 019-012538-0-5383

Drilling Finished Date: September 03, 2020

1st Prod Date: January 24, 2021

Completion Date: January 13, 2021

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 18-5

Purchaser/Measurer:

Location: CARTER 7 2S 2W
NW NE SW SW
1152 FSL 722 FWL of 1/4 SEC
Latitude: 34.393942 Longitude: -97.455063
Derrick Elevation: 0 Ground Elevation: 1032

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. | |
| | Commingle | | | | |

| Casing and Cement | | | | | | | |
|-------------------|-------|--------|-------|------|-----|-----|------------|
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| SURFACE | 9 5/8 | 40 | K-55 | 1325 | | 685 | SURFACE |
| PRODUCTION | 7 | 26 | J-55 | 4727 | | 495 | 2200 |

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

Total Depth: 4820

| 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 |
| Jan 26, 2021 | DEESE | 30 | 22 | 15 | 500 | 38 | PUMPING | 28 | N/A | |

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 |
|------|------|
| 4449 | 4520 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

623 BARRELS, 21,100 POUNDS 16/30 SAND IN 1, 2, 3 STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

| Order No | Unit Size |
|----------|-----------|
| 701901 | UNIT |

Perforated Intervals

| From | To |
|------|------|
| 4387 | 4430 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

525 BARRELS, 15,100 POUNDS 16/30 SAND IN 1, 2, 3 STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

| Order No | Unit Size |
|----------|-----------|
| 701901 | UNIT |

Perforated Intervals

| From | To |
|------|------|
| 3967 | 4167 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

446 BARRELS, 12,300 POUNDS 16/30 1, 2, 3 STAGES

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

| Order No | Unit Size |
|----------|-----------|
| 701901 | UNIT |

Perforated Intervals

| From | To |
|------|------|
| 3709 | 3749 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

437 BARRELS, 10,100 POUNDS 16/30 SAND IN 1, 2, 3, STAGES

| | | | |
|-----------------------|------------------|------------------------------------------------------|------------|
| Formation Name: DEESE | | Code: 404DEESS | Class: OIL |
| Spacing Orders | | Perforated Intervals | |
| Order No | Unit Size | From | To |
| 701901 | UNIT | 2967 | 2979 |
| Acid Volumes | | Fracture Treatments | |
| 500 GALLONS 7.5% MCA | | There are no Fracture Treatments records to display. | |

| Formation | Top |
|------------------|------|
| CISCO | 1500 |
| HOXBAR GROUP | 1950 |
| COUNTY LINE LIME | 2126 |
| COUNTY LINE SAND | 2200 |
| TATUMS | 2400 |
| DEESE GROUP | 2900 |
| FUSULINID | 2920 |
| EASON | 3430 |
| TUSSY LIME | 3540 |
| TUSSY SANDS | 3600 |
| CARPENTER SANDS | 3920 |
| MORRIS | 4110 |

Were open hole logs run? Yes
Date last log run: September 01, 2020

Were unusual drilling circumstances encountered? No
Explanation:

| |
|------------------------------------------------------------------------|
| Other Remarks |
| THIS WELL IS PART OF THE NEWLY FORMED SOUTHWEST WILDCAT JIM DEESE UNIT |

| |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottom Holes |
| Sec: 7 TWP: 2S RGE: 2W County: CARTER SE SW NW SW 1481 FSL 589 FWL of 1/4 SEC Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0 Measured Total Depth: 4820 True Vertical Depth: 4796 End Pt. Location From Release, Unit or Property Line: 947 |

| | |
|--------------------------------|---------|
| FOR COMMISSION USE ONLY | |
| Status: Accepted | 1146314 |

RECEIVED

Form 1002A
Rev. 2009

APR 15 2021

API NO. 019-26397
OTC PROD. 019-012538-
UNIT NO. 0-5383

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 62000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

☒ ORIGINAL
☐ AMENDED (Reason) _____

COMPLETION REPORT

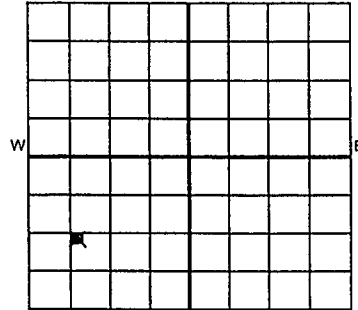
TYPE OF DRILLING OPERATION
☐ STRAIGHT HOLE ☒ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
☐ SERVICE WELL

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

| | | | | | | | | | |
|-----------------------------|-----------------------------------------------|-------|---------------------|---------------------|------------------------|-------|----------------------|-------------------------|---------|
| COUNTY | Carter | SEC | 7 | TWP | 2S | RGE | 2W | SPUD DATE | 8-27-20 |
| LEASE NAME | SW Wildcat 2 nd SW WJDU Deese Unit | | | WELL NO. | 18-5 | | | DRLG FINISHED DATE | 9-3-20 |
| NW 1/4 NE 1/4 SW 1/4 SW 1/4 | FSL OF 1/4 SEC 1152' | | | FWL OF 1/4 SEC 722' | | | | DATE OF WELL COMPLETION | 1-13-21 |
| ELEVATION Derrick FL | Ground | 1032' | Latitude (if known) | 34.393942 | | | Longitude (if known) | - 97.455063 | |
| OPERATOR NAME | Mack Energy Co. | | | | OTC / OCC OPERATOR NO. | 11739 | | | |
| ADDRESS | P.O. Box 400 | | | | | | | | |
| CITY | Duncan | STATE | OK | ZIP | 73534 | | | | |

OKLAHOMA CORPORATION COMMISSION

640 Acres



LOCATE WELL

COMPLETION TYPE

| | |
|-------------------------------------------------|--|
| <input checked="" type="checkbox"/> SINGLE ZONE | |
| <input type="checkbox"/> MULTIPLE ZONE | |
| <input type="checkbox"/> COMMINGLED | |
| <input type="checkbox"/> LOCATION EXCEPTION | |
| <input type="checkbox"/> ORDER NO. | |
| <input type="checkbox"/> INCREASED DENSITY | |
| <input type="checkbox"/> ORDER NO. | |

CASING & CEMENT (Attach Form 1002C)

| TYPE | SIZE | WEIGHT | GRADE | FEET | PSI | SAX | TOP OF CMT |
|--------------|--------|--------|-------|-------|-----|-----|------------|
| CONDUCTOR | | | | | | | |
| SURFACE | 9 5/8" | 40# | K-55 | 1325' | | 685 | Surface |
| INTERMEDIATE | | | | | | | |
| PRODUCTION | 7" | 26# | J-55 | 4727' | | 495 | 2200 |
| LINER | | | | | | | |

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

TOTAL DEPTH

4727'
4820'

Per Survey
to BHL

COMPLETION & TEST DATA BY PRODUCING FORMATION

| FORMATION | (Lower Morris) | (Upper Morris) | (Carpenter) | (Tussy) | Deese All |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------|-----------------------------------------|-------------------|
| SPACING & SPACING | 40-acre | 40-acre | 40-acre | 40-acre | 40-acre |
| ORDER NUMBER | 701901 unit | 701901 unit | 701901 unit | 701901 unit | 701901 unit |
| CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc | Oil | Oil | Oil | Oil | Oil |
| | 4449-4520' | 4387-4430' | 3967-4167' | 3709-3749' | 2967-2979' |
| PERFORATED INTERVALS | | | | | |
| ACID/VOLUME | | | | | 500 gals 7.5% MCA |
| FRACTURE TREATMENT (Fluids/Prop Amounts) | 623 bbls, 21100# 16/30 sd in 1,2,3 stgs | 525 bbls, 15100# 16/30 sd in 1,2,3 stgs | 446 bbls, 12300# 16/30 1,2,3 stgs | 437 bbls, 10100# 16/30 sd in 1,2,3 stgs | |

Reported to
Fract Focus

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

INITIAL TEST DATA

| | | | | | |
|--------------------------|-----------|--|--|--|--|
| INITIAL TEST DATE | 1/26/2021 | | | | |
| OIL-BBL/DAY | 30 | | | | |
| OIL-GRAVITY (API) | 22 | | | | |
| GAS-MCF/DAY | 15 | | | | |
| GAS-OIL RATIO CU FT/BBL | 500 | | | | |
| WATER-BBL/DAY | 38 | | | | |
| PUMPING OR FLOWING | Pumping | | | | |
| INITIAL SHUT-IN PRESSURE | 28 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
SIGNATURE
3730 Samedan Rd
ADDRESS
Ratliff City
CITY
OK
STATE
73481
ZIP
4/14/2021
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.

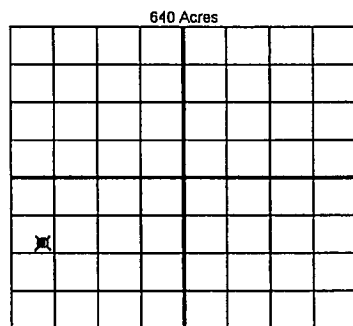
| NAMES OF FORMATIONS | TOP |
|---------------------|----------|
| Cisco | 1500' MD |
| Hoxbar Group | 1950' |
| County Line Lime | 2126' |
| County Line Sand | 2200' |
| Tatums | 2400' |
| Deese Group | 2900' |
| Fussulinid | 2920' |
| Eason | 3430' |
| Tussy Lime | 3540' |
| Tussy Sands | 3600' |
| Carpenter Sands | 3920' |
| Morris | 4110' |

LEASE NAME SW WJDU WELL NO. 18-5

| 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>9/1/2020</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 | |

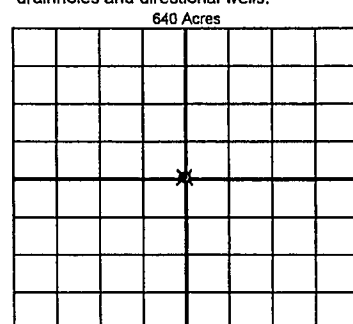
Other remarks: This well is part of the newly formed Southwest Wildcat Jim Deese Unit



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 | 509 |
| Spot Location | | SE 1/4 SW 1/4 NW 1/4 SW 1/4 | | Feet From 1/4 Sec Lines | FSL 148' FWL 501' |
| Measured Total Depth | | True Vertical Depth | | BHL From Lease, Unit, or Property Line: | |
| 4820' | | 4796' | | 947' | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

| | | | |
|-------------------------|---------------------|-----------------------------------------|--------------|
| LATERAL #1 | | | |
| SEC | TWP | RGE | COUNTY |
| Spot Location | | 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 |
| 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 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 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: | |