

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.: 35019264310000

Completion Report

Spud Date: March 03, 2021

OTC Prod. Unit No.: 019-109942-0-5383

Drilling Finished Date: March 09, 2021

1st Prod Date: June 27, 2021

Completion Date: June 15, 2021

Drill Type: DIRECTIONAL HOLE

Well Name: SW WILDCAT JIM DEESE UNIT 6-1

Purchaser/Measurer:

Location: CARTER 1 2S 3W
NE NE SE SE
1094 FSL 80 FEL of 1/4 SEC
Latitude: 34.408317 Longitude: -97.457704
Derrick Elevation: 1959 Ground Elevation: 1948

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 | 1351 | | 685 | SURFACE |
| PRODUCTION | 7 | 26 | N-80 | 4281 | | 375 | 1989 |

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

Total Depth: 4290

| 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 |
| Jun 17, 2021 | DEESE | 201 | 28 | 60 | 299 | | FLOWING | 900 | 12/64 | 125 |

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 |
|------|------|
| 4050 | 4119 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

758 BARRELS, 19,226 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 |
|------|------|
| 3833 | 3854 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

370 BARRELS, 6,343 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 |
|------|------|
| 3541 | 3697 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

595 BARRELS, 14,448 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 |
|------|------|
| 3450 | 3486 |

Acid Volumes

There are no Acid Volume records to display.

Fracture Treatments

372 BARRELS, 6,435 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 | From | To |
| 701901 | UNIT | 3247 | 3266 |
| Acid Volumes | | Fracture Treatments | |
| There are no Acid Volume records to display. | | 322 BARRELS, 5,451 POUNDS 16/30 SAND IN 1, 2, 3 PUMPING STAGES | |

| Formation | Top |
|------------------|------|
| CISCO | 1537 |
| HOXBAR GROUP | 2143 |
| COUNTY LINE LIME | 2494 |
| COUNTY LINE SAND | 2581 |
| DEESE GROUP | 3279 |
| EASON | 3471 |
| TUSSY | 3560 |
| TUSSY LIME | 3602 |
| CARPENTER SANDS | 3617 |
| MORRIS | 3871 |

Were open hole logs run? Yes

Date last log run: March 07, 2021

Were unusual drilling circumstances encountered? No

Explanation:

| |
|---|
| Other Remarks |
| THIS WELL IS PART OF THE SW WILDCAT JIM DEESE UNIT. |

| |
|--|
| Bottom Holes |
| <p>Sec: 6 TWP: 2S RGE: 2W County: CARTER</p> <p>NW NW SW SW</p> <p>1298 FSL 301 FWL of 1/4 SEC</p> <p>Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0</p> <p>Measured Total Depth: 4290 True Vertical Depth: 4252 End Pt. Location From Release, Unit or Property Line: 700</p> |

| | |
|--------------------------------|---------|
| FOR COMMISSION USE ONLY | |
| Status: Accepted | 1146815 |

RECEIVED

Form 1002A
Rev. 2020

AUG 25 2021

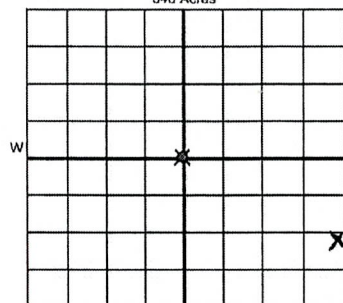
API
NO. 35-019-26431
OTC PROD.
UNIT NO. 019-109942-0-5383Oil and Gas Conservation Division
P.O. Box 52000
Oklahoma City, OK 73152-2000
405-521-2331
OCCentralProcessing@OCC.OK.GOVOKLAHOMA
Corporation
Commission

Rule 165:10-3-25

COMPLETION REPORT

OKLAHOMA CORPORATION
COMMISSION

640 Acres



LOCATE WELL

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 1 TWP 2S RGE 3W

LEASE NAME SW WJDU SW WJDU

NE 1/4 NE 1/4 SE 1/4 SE 1/4 FSL 1094' FEL 80'

ELEVATION 1060' Ground 1049' Latitude 34.408317

Derrick FL 1060' Ground 1049' Longitude -97.457704

OPERATOR NAME Mack Energy Co.

ADDRESS 4700 Gaillardia Pkwy, Ste. 102

CITY Oklahoma City

STATE OK

ZIP 73481

SPUD DATE 3-3-21

DRLG FINISHED DATE 3-9-21

DATE OF WELL COMPLETION 6-15-21

1st PROD DATE 6-27-21

RECOMP DATE

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO.
MULTIUNIT ORDER NO.
INCREASED DENSITY 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 | 1351' | | 685 | Surface |
| INTERMEDIATE | | | | | | | |
| PRODUCTION | 7" | 26# | N-80 | 4281' | | 375 | 1989' |
| LINER | | | | | | | |

PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE PLUG @ TYPE PLUG @ TYPE
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE PLUG @ TYPE PLUG @ TYPE
TOTAL DEPTH 4290'

COMPLETION & TEST DATA BY PRODUCING FORMATION

| FORMATION | (L. Morris) | (U. Morris) | (L/U Carpenter) | (Tussy) | (Eason) | ← All Deese |
|---|---|--|---|--|--|-------------|
| SPACING & SPACING ORDER NUMBER | 10/701901 | 10/701901 | 10/701901 | 10/701901 | 10/701901 | unit all |
| CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc | Oil | Oil | Oil | Oil | Oil | |
| PERFORATED INTERVALS | 4050-4119' | 3833-54' | 3541-3697' | 3450-3486' | 3247-66' | |
| ACID/VOLUME | | | | | | |
| FRACTURE TREATMENT (Fluids/Prop Amounts) | 758 bbls, 19226# 16/30 sd in 1,2,3 ppg stages | 370 bbls, 6343# 16/30 sd in 1,2,3 ppg stgs | 595 bbls, 14448# 16/30 sd in 1,2,3 ppg stgs | 372 bbls, 6435# 16/30 sd in 1,2,3 ppg stgs | 322 bbls, 5451# 16/30 sd in 1,2,3 ppg stgs | |

Min Gas Allowable (165:10-17-7)



OR

Oil Allowable (165:10-13-3)

Purchaser/Measurer

First Sales Date

INITIAL TEST DATA

| | | | | | |
|--------------------------|----------|--|--|--|--|
| INITIAL TEST DATE | 6-17-21 | | | | |
| OIL-BBL/DAY | 201 | | | | |
| OIL-GRAVITY (API) | 28 | | | | |
| GAS-MCF/DAY | 60 | | | | |
| GAS-OIL RATIO CU FT/BBL | 299 | | | | |
| WATER-BBL/DAY | 0 | | | | |
| PUMPING OR FLOWING | Flowing | | | | |
| INITIAL SHUT-IN PRESSURE | 900 psig | | | | |
| CHOKE SIZE | 12/64" | | | | |
| FLOW TUBING PRESSURE | 125 psig | | | | |

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

Dinah Mayes, Engineering Tech.

NAME (PRINT OR TYPE)

8-20-21

DATE

580-856-3705

PHONE NUMBER

3730 Samedan Rd

ADDRESS

Ratliff City

CITY

OK

STATE

73142

ZIP

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.

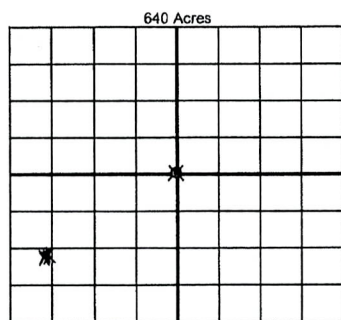
| NAMES OF FORMATIONS | TOP |
|---------------------|-------|
| Cisco | 1537' |
| Hoxbar Group | 2143' |
| County Line Lime | 2494' |
| County Line Sand | 2581' |
| Deese Group | 3279' |
| Eason | 3471' |
| Tussy | 3560' |
| Tussy Lime | 3602' |
| Carpenter Sands | 3617' |
| Morris | 3871' |

LEASE NAME SW WJDU WELL NO. 6-1

| 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="radio"/> yes <input type="radio"/> no |
| Date Last log was run | 3-7-21 |
| Was CO ₂ encountered? | <input type="radio"/> yes <input checked="" type="radio"/> no at what depths? _____ |
| Was H ₂ S encountered? | <input type="radio"/> yes <input checked="" type="radio"/> no at what depths? _____ |
| Were unusual drilling circumstances encountered? | <input type="radio"/> yes <input checked="" type="radio"/> no |
| If yes, briefly explain below. | |

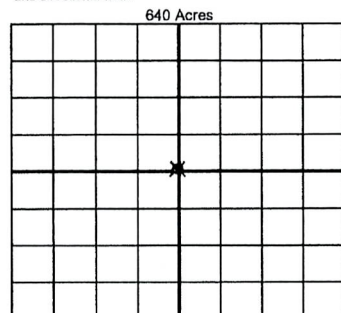
Other remarks: This wells is part of the SW WJDU SW Wildcat Jim Deese Unit



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 6 | TWP 2S | RGE 2W | COUNTY | Carter | 1298 | 201 |
| NW 1/4 | | SW 1/4 | SW 1/4 | Feet From 1/4 Sec Lines | FSL 1306' | FWL 337' |
| Measured Total Depth 4290' | | True Vertical Depth 4252' | | BHL From Lease, Unit, or Property Line: 700' | | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

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

| LATERAL #2 | |
|-------------------------|---|
| SEC | TWP |
| RGE | COUNTY |
| 1/4 | 1/4 |
| 1/4 | 1/4 |
| Feet From 1/4 Sec Lines | |
| Depth of Deviation | Radius of Turn |
| Direction | Total Length |
| Measured Total Depth | BHL From Lease, Unit, or Property Line: |

| LATERAL #3 | |
|-------------------------|---|
| SEC | TWP |
| RGE | COUNTY |
| 1/4 | 1/4 |
| 1/4 | 1/4 |
| Feet From 1/4 Sec Lines | |
| Depth of Deviation | Radius of Turn |
| Direction | Total Length |
| Measured Total Depth | BHL From Lease, Unit, or Property Line: |

RECEIVED

Form 1002A

Rev. 2020

AUG 25 2021

API
NO. 35-019-26431
OTC PROD.
UNIT NO. 019-109942-0-5383

Oil and Gas Conservation Division
P.O. Box 52000
Oklahoma City, OK 73152-2000
405-521-2331
OCCentralProcessing@OCC.OK.GOV



OKLAHOMA
Corporation
Commission

☒ ORIGINAL
☐ AMENDED (Reason) _____

Rule 165:10-3-25

COMPLETION REPORT

OKLAHOMA CORPORATION
COMMISSION

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 1 TWP 2S RGE 3W

LEASE NAME SW Willcat SW WJDU Jim Deese Unit WELL NO. 6-1

NE 1/4 NE 1/4 SE 1/4 SE 1/4 F.S.L. ☒ 1094' ☒ 80'

ELEVATION 1060' Ground 1049' Latitude 34.408317

Derick FL 1060' Longitude -97.457704

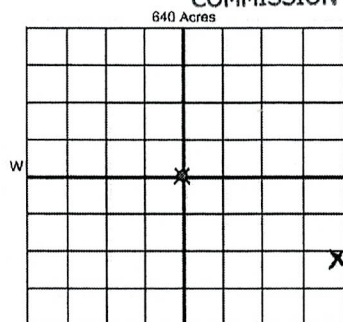
OPERATOR NAME Mack Energy Co. OTC/OCC OPERATOR NO. 11739

ADDRESS 4700 Gaillardia Pkwy, Ste. 102

CITY Oklahoma City STATE OK ZIP 73481

SPUD DATE 3-3-21DRLG FINISHED DATE 3-9-21DATE OF WELL COMPLETION 6-15-211st PROD DATE 6-27-21

RECOMP DATE



COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO.
MULTIUNIT ORDER NO.
INCREASED DENSITY 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 | 1351' | | 685 | Surface |
| INTERMEDIATE | | | | | | | |
| PRODUCTION | 7" | 26# | N-80 | 4281' | | 375 | 1989' |
| LINER | | | | | | | |

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____ TOTAL DEPTH 4290'

COMPLETION & TEST DATA BY PRODUCING FORMATION

| FORMATION | (L. Morris) | (U. Morris) | (L/U Carpenter) | (Tussy) | (Eason) | ← All Deese |
|---|--|---|--|---|---|-----------------|
| SPACING & SPACING ORDER NUMBER | <u>10/701901</u> | <u>10/701901</u> | <u>10/701901</u> | <u>10/701901</u> | <u>10/701901</u> | <u>unit all</u> |
| CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc | Oil <input checked="" type="checkbox"/> | Oil <input checked="" type="checkbox"/> | Oil <input checked="" type="checkbox"/> | Oil <input checked="" type="checkbox"/> | Oil <input checked="" type="checkbox"/> | |
| PERFORATED INTERVALS | <u>4050-4119'</u> | <u>3833-54'</u> | <u>3541-3697'</u> | <u>3450-3486'</u> | <u>3247-66'</u> | |
| ACID/VOLUME | | | | | | |
| FRACTURE TREATMENT (Fluids/Prop Amounts) | <u>758 bbls, 19226# 16/30 sd in 1,2,3 ppg stages</u> | <u>370 bbls, 6343# 16/30 sd in 1,2,3 ppg stgs</u> | <u>595 bbls, 14448# 16/30 sd in 1,2,3 ppg stgs</u> | <u>372 bbls, 6435# 16/30 sd in 1,2,3 ppg stgs</u> | <u>322 bbls, 5451# 16/30 sd in 1,2,3 ppg stgs</u> | |

Min Gas Allowable (165:10-17-7)



OR

Oil Allowable (165:10-13-3)

Purchaser/Measurer

First Sales Date

INITIAL TEST DATA

| | | | | | |
|--------------------------|-----------------|--|--|--|--|
| INITIAL TEST DATE | <u>6-17-21</u> | | | | |
| OIL-BBL/DAY | <u>201</u> | | | | |
| OIL-GRAVITY (API) | <u>28</u> | | | | |
| GAS-MCF/DAY | <u>60</u> | | | | |
| GAS-OIL RATIO CU FT/BBL | <u>299</u> | | | | |
| WATER-BBL/DAY | <u>0</u> | | | | |
| PUMPING OR FLOWING | <u>Flowing</u> | | | | |
| INITIAL SHUT-IN PRESSURE | <u>900 psig</u> | | | | |
| CHOKE SIZE | <u>12/64"</u> | | | | |
| FLOW TUBING PRESSURE | <u>125 psig</u> | | | | |

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

Dinah Mayes, Engineering Tech.

8-20-21 580-856-3705

3730 Samedan Rd

Ratliff City

OK

73142

dmayes@mackenergy.com

ADDRESS

CITY

STATE

ZIP

EMAIL ADDRESS

Monitor
Report to
Frac Focus

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.

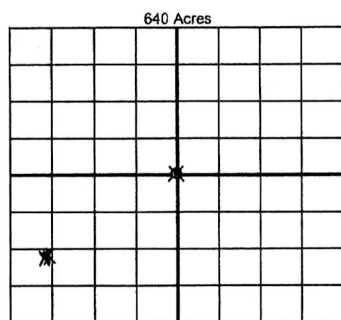
| NAMES OF FORMATIONS | TOP |
|---------------------|-------|
| Cisco | 1537' |
| Hoxbar Group | 2143' |
| County Line Lime | 2494' |
| County Line Sand | 2581' |
| Deese Group | 3279' |
| Eason | 3471' |
| Tussy | 3560' |
| Tussy Lime | 3602' |
| Carpenter Sands | 3617' |
| Morris | 3871' |

LEASE NAME SW WJDU WELL NO. 6-1

| 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="radio"/> yes <input type="radio"/> no |
| Date Last log was run | 3-7-21 |
| Was CO ₂ encountered? | <input type="radio"/> yes <input checked="" type="radio"/> no at what depths? _____ |
| Was H ₂ S encountered? | <input type="radio"/> yes <input checked="" type="radio"/> no at what depths? _____ |
| Were unusual drilling circumstances encountered? | <input type="radio"/> yes <input checked="" type="radio"/> no |
| If yes, briefly explain below | |

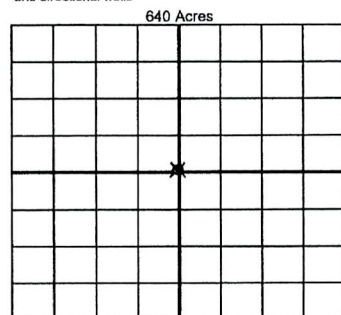
Other remarks: This wells is part of the SW WJDU SW Wildcat Jim Deese Unit



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 6 | TWP 2S | RGE 2W | COUNTY | Carter | 1298 | 301 |
| NE NW 1/4 SW 1/4 SW 1/4 | | Feet From 1/4 Sec Lines | | FSL | 1306 | FWL |
| Measured Total Depth | | True Vertical Depth | | BHL From Lease, Unit, or Property Line: | | |
| 4290' | | 4252' | | 700' | | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

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