



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1134576

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | |
|---|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|---|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| _____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone | | | | |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

| | | | | | |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

| | | |
|---|--|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Unit Petroleum Company |
| Well Name | M&M Farms 20 #1H |
| Doc ID | 1134576 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Tyep and Percent Additives |
|-----------------------|-------------------|-----------------|--------|---------------|----------------|----------------------|-----------------------------|
| Surface | 28 | 16 | 65 | 125 | A | 112 | 2% CC |
| Intermedia te | 12.25 | 9.625 | 36 | 1535 | A | 605 | 3% CC 1/4# sk flocele |
| Intermedia te | 8.75 | 7 | 26 | 4191 | A | 160 | 2% CC 1/4# sk flocele |
| Production (Liner) | 6.125 | 4.50 | 11.6 | 8233 | 0 | 0 | 0 |

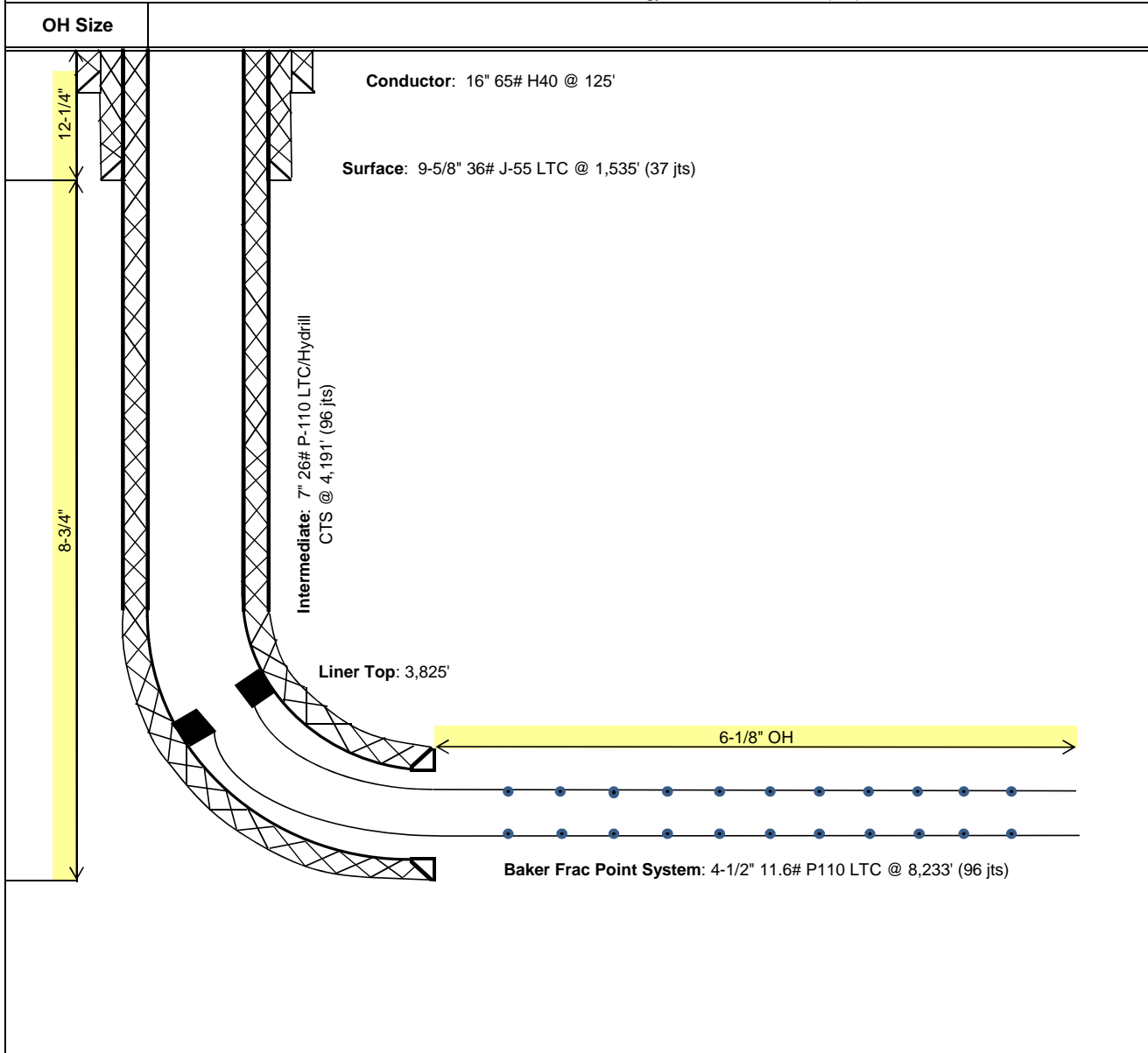


Unit Petroleum Company

Date of Last Revision:
23-Apr-13

Well: M&M Farms 20-1H
Location: 20-24S-9W
County, State: Reno County, KS
Surface Location: 250' FNL & 660' FEL

API No.: 1515521608
Rig: Unit Drilling #331
Engineer: Brent Keys (918) 477-4510
Geology: Rob Wilson (928) 477-5728



Mid-Continent Conductor, LLC

P.O. Box 1570, Woodward, OK 73802
Ph. 580-254-5400 Fax 580-254-3242

CEMENTING REPORT

| |
|---|
| Operator: Unit Corporation |
| Well Name: M&M Farms 20-1H |
| Legal Description: Sec 20-24S-9W, Reno Cnty, KS |

| Cement Casing Data | |
|---|---------------|
| Cementing Date | 11-30-12 |
| Size of Drill Bit (Inches) | 28 |
| Size of Casing (Inches O.D.) | 16 |
| Setting Depth of Casing (ft.) from ground level | 125 |
| Type of Cement | Common Cement |
| Sacks of Cement Used | 112 |
| Was cement circulated? | Yes |
| Job witnessed by: | |



Jeff M. Owen
Mid-Continent Conductor, LLC

| | | | |
|----------------------------------|-----------------------------|-------------------------------------|-----------------------|
| Customer UNIT - Petro. | Lease No. | Date 12-24-12 | |
| Lease M.M. Farms | Well # 20 | | |
| Field Order # 7422 | Station PRA-11 Kc | Casing 9 5/8 | Depth 1537' |
| Type Job CNW 9 5/8 | Formation | County RENO | State KS |
| | | Legal Description 20-24-9 | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|------------------------------|--------------|------------------|----|------------|--|------------------|-------|------------------|
| Casing Size | Tubing Size | Shots/Ft | | Acid | | RATE | PRESS | ISIP |
| 9 5/8 | | | | Pre Pad | | Max | | 5 Min. |
| Depth 1537 | Depth | From | To | Pad | | Min | | 10 Min. |
| Volume 16.5 | Volume | From | To | Frac | | Avg | | 15 Min. |
| Max Press 500 | Max Press | From | To | | | HHP Used | | Annulus Pressure |
| Well Connection HC | Annulus Vol. | From | To | Flush | | Gas Volume | | Total Load |
| Plug Depth 1207 | Packer Depth | From | To | | | | | |

| | | |
|-------------------------|--------------------------------------|---------------------------------|
| Customer Representative | Station Manager DAVE SCOTT | Treater Robert Alford |
|-------------------------|--------------------------------------|---------------------------------|

| | | | | | | | | | | | |
|---------------|-----------------|---------------|----------------|----------------|--------------|--------------|--------------|--|--|--|--|
| Service Units | 37900 | 33108 | 20920 | 19831 | 19x67 | 19826 | 19860 | | | | |
| Driver Names | Sullivan | MELSON | Perison | Lawance | | | | | | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|--------------|-----------------|-----------------|--------------|------------|--|
| 9:45 | | | | | on loc. Safety meeting |
| | | | | | Run 37 JTS 9 5/8 #36 csg |
| 11:20 | | | | | CASING ON BOTTOM |
| 11:25 | | | | | Hook up circ |
| 12:00 | 100 | | 5 | 3 | St Spaced |
| | | | 123 | 5.5 | mix 325 sk A-con cmt w/3%cc 1/4" CF |
| | | | 60 | | mix Tail 280 sk conn.cmt w/2%cc 1/4" CF |
| | | | | | cmt mixed shut down |
| | | | | | Release Plug |
| | | | | 5.5 | St Reip |
| 1:00 | 950 | | 1155 | 4 | plug down |
| | | | | | circ 37 bbl cmt Pit |
| | | | | | JOB Complete |
| | | | | | Thank you |

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 30, 2013

Brent Keys
Unit Petroleum Company
7130 S LEWIS AVE
STE 1000
TULSA, OK 74136-5492

Re: ACO1
API 15-155-21608-01-00
M&M Farms 20 #1H
NE/4 Sec.20-24S-09W
Reno County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Brent Keys

Job Number: 12-233
Company: Unit Petroleum
Lease/Well: M&M Farms 20 #1H
Location: Reno County
Rig Name: Unit # 331
RKB:
G.L. or M.S.L.:

State/Country: Kansas
Declination: 4.71
Grid: -0.09
File name: C:\WINSERVE\M&M20_1H.SVY
Date/Time: 03-Jan-13 / 12:24
Curve Name: As Drilled

As Drilled

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 180.00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

| <i>Measured Depth FT</i> | <i>Incl Angle Deg</i> | <i>Drift Direction Deg</i> | <i>True Vertical Depth</i> | <i>N-S FT</i> | <i>E-W FT</i> | <i>Vertical Section FT</i> | <i>Dogleg Severity Deg/100</i> |
|----------------------------------|-------------------------------|------------------------------------|------------------------------------|-------------------|-------------------|------------------------------------|--|
| 2790.00 | .10 | 95.42 | 2789.93 | 9.80 | 1.09 | -9.80 | .00 |
| 2875.00 | .20 | 93.70 | 2874.93 | 9.78 | 1.31 | -9.78 | .12 |
| 2993.00 | .30 | 293.30 | 2992.93 | 9.89 | 1.23 | -9.89 | .42 |
| 3064.00 | .50 | 244.20 | 3063.93 | 9.83 | .78 | -9.83 | .53 |
| 3094.00 | .40 | 256.00 | 3093.93 | 9.75 | .56 | -9.75 | .45 |
| 3126.00 | .60 | 214.20 | 3125.93 | 9.58 | .36 | -9.58 | 1.26 |
| 3158.00 | 1.40 | 193.40 | 3157.92 | 9.06 | .18 | -9.06 | 2.71 |
| 3189.00 | 3.80 | 186.40 | 3188.89 | 7.67 | -.03 | -7.67 | 7.80 |
| 3221.00 | 6.50 | 186.30 | 3220.75 | 4.82 | -.34 | -4.82 | 8.44 |
| 3253.00 | 8.90 | 186.20 | 3252.46 | .56 | -.81 | -.56 | 7.50 |
| 3285.00 | 11.20 | 184.20 | 3283.97 | -5.00 | -1.30 | 5.00 | 7.27 |
| 3317.00 | 13.80 | 181.90 | 3315.21 | -11.92 | -1.66 | 11.92 | 8.27 |
| 3349.00 | 16.40 | 182.00 | 3346.10 | -20.25 | -1.94 | 20.25 | 8.13 |
| 3380.00 | 19.40 | 181.80 | 3375.60 | -29.77 | -2.26 | 29.77 | 9.68 |
| 3412.00 | 22.50 | 181.10 | 3405.48 | -41.21 | -2.54 | 41.21 | 9.72 |
| 3444.00 | 25.60 | 180.00 | 3434.70 | -54.25 | -2.66 | 54.25 | 9.79 |
| 3476.00 | 29.00 | 179.40 | 3463.13 | -68.92 | -2.58 | 68.92 | 10.66 |
| 3508.00 | 32.40 | 179.30 | 3490.64 | -85.25 | -2.39 | 85.25 | 10.63 |
| 3539.00 | 36.10 | 179.30 | 3516.26 | -102.70 | -2.18 | 102.70 | 11.94 |
| 3571.00 | 39.60 | 179.50 | 3541.52 | -122.33 | -1.97 | 122.33 | 10.94 |
| 3603.00 | 42.90 | 179.70 | 3565.58 | -143.42 | -1.83 | 143.42 | 10.32 |
| 3634.00 | 46.90 | 180.00 | 3587.53 | -165.30 | -1.77 | 165.30 | 12.92 |
| 3666.00 | 50.60 | 179.60 | 3608.63 | -189.35 | -1.69 | 189.35 | 11.60 |
| 3698.00 | 51.90 | 179.60 | 3628.66 | -214.31 | -1.51 | 214.31 | 4.06 |
| 3730.00 | 52.20 | 179.30 | 3648.34 | -239.54 | -1.27 | 239.54 | 1.19 |

| Measured Depth FT | Incl Angle Deg | Drift Direction Deg | True Vertical Depth | N-S FT | E-W FT | Vertical Section FT | Dogleg Severity Deg/100 |
|----------------------|-------------------|------------------------|------------------------|-----------|-----------|------------------------|----------------------------|
| 3761.00 | 52.40 | 179.30 | 3667.29 | -264.07 | -.97 | 264.07 | .65 |
| 3793.00 | 52.60 | 179.30 | 3686.78 | -289.45 | -.66 | 289.45 | .62 |
| 3825.00 | 52.50 | 179.50 | 3706.23 | -314.86 | -.39 | 314.86 | .59 |
| 3857.00 | 53.40 | 179.50 | 3725.51 | -340.39 | -.17 | 340.39 | 2.81 |
| 3887.00 | 56.60 | 179.80 | 3742.72 | -364.97 | -.02 | 364.97 | 10.70 |
| 3919.00 | 60.20 | 179.80 | 3759.48 | -392.22 | .07 | 392.22 | 11.25 |
| 3951.00 | 63.90 | 179.60 | 3774.48 | -420.48 | .22 | 420.48 | 11.58 |
| 3982.00 | 67.70 | 179.80 | 3787.18 | -448.75 | .37 | 448.75 | 12.27 |
| 4014.00 | 71.00 | 179.70 | 3798.47 | -478.69 | .50 | 478.69 | 10.32 |
| 4046.00 | 73.90 | 180.30 | 3808.12 | -509.19 | .50 | 509.19 | 9.24 |
| 4078.00 | 77.40 | 180.60 | 3816.05 | -540.19 | .25 | 540.19 | 10.98 |
| 4109.00 | 80.40 | 181.00 | 3822.01 | -570.60 | -.17 | 570.60 | 9.76 |
| 4141.00 | 84.10 | 181.10 | 3826.33 | -602.30 | -.75 | 602.30 | 11.57 |
| 4212.00 | 88.90 | 181.50 | 3830.66 | -673.13 | -2.36 | 673.13 | 6.78 |
| 4243.00 | 88.80 | 181.00 | 3831.28 | -704.12 | -3.04 | 704.12 | 1.64 |
| 4274.00 | 89.20 | 181.00 | 3831.82 | -735.11 | -3.58 | 735.11 | 1.29 |
| 4305.00 | 89.50 | 180.90 | 3832.18 | -766.10 | -4.09 | 766.10 | 1.02 |
| 4336.00 | 89.70 | 180.60 | 3832.39 | -797.10 | -4.50 | 797.10 | 1.16 |
| 4367.00 | 89.80 | 180.90 | 3832.53 | -828.09 | -4.90 | 828.09 | 1.02 |
| 4398.00 | 90.20 | 181.00 | 3832.53 | -859.09 | -5.42 | 859.09 | 1.33 |
| 4429.00 | 90.20 | 180.80 | 3832.42 | -890.09 | -5.90 | 890.09 | .65 |
| 4460.00 | 90.20 | 180.60 | 3832.31 | -921.08 | -6.28 | 921.08 | .65 |
| 4490.00 | 90.20 | 180.50 | 3832.21 | -951.08 | -6.57 | 951.08 | .33 |
| 4520.00 | 90.20 | 180.50 | 3832.10 | -981.08 | -6.83 | 981.08 | .00 |
| 4551.00 | 90.30 | 180.40 | 3831.97 | -1012.08 | -7.07 | 1012.08 | .46 |
| 4611.00 | 90.50 | 180.20 | 3831.55 | -1072.08 | -7.39 | 1072.08 | .47 |
| 4673.00 | 90.60 | 180.10 | 3830.95 | -1134.07 | -7.55 | 1134.07 | .23 |
| 4735.00 | 90.50 | 179.80 | 3830.36 | -1196.07 | -7.50 | 1196.07 | .51 |
| 4797.00 | 90.20 | 180.00 | 3829.98 | -1258.07 | -7.39 | 1258.07 | .58 |
| 4859.00 | 89.30 | 179.50 | 3830.25 | -1320.07 | -7.12 | 1320.07 | 1.66 |
| 4922.00 | 89.70 | 179.70 | 3830.80 | -1383.06 | -6.68 | 1383.06 | .71 |
| 4983.00 | 90.10 | 180.00 | 3830.91 | -1444.06 | -6.52 | 1444.06 | .82 |
| 5044.00 | 90.10 | 179.80 | 3830.80 | -1505.06 | -6.41 | 1505.06 | .33 |
| 5106.00 | 89.60 | 180.20 | 3830.96 | -1567.06 | -6.41 | 1567.06 | 1.03 |
| 5169.00 | 88.80 | 180.40 | 3831.84 | -1630.05 | -6.74 | 1630.05 | 1.31 |
| 5231.00 | 88.90 | 180.90 | 3833.09 | -1692.04 | -7.45 | 1692.04 | .82 |
| 5293.00 | 90.60 | 180.90 | 3833.36 | -1754.03 | -8.42 | 1754.03 | 2.74 |
| 5356.00 | 89.40 | 180.20 | 3833.36 | -1817.02 | -9.02 | 1817.02 | 2.21 |
| 5418.00 | 89.70 | 180.00 | 3833.84 | -1879.02 | -9.13 | 1879.02 | .58 |
| 5480.00 | 90.30 | 180.10 | 3833.84 | -1941.02 | -9.19 | 1941.02 | .98 |
| 5543.00 | 89.30 | 179.40 | 3834.06 | -2004.02 | -8.91 | 2004.02 | 1.94 |
| 5605.00 | 89.80 | 179.70 | 3834.55 | -2066.01 | -8.42 | 2066.01 | .94 |
| 5667.00 | 89.80 | 179.40 | 3834.77 | -2128.01 | -7.94 | 2128.01 | .48 |
| 5729.00 | 89.30 | 179.40 | 3835.25 | -2190.01 | -7.29 | 2190.01 | .81 |
| 5792.00 | 89.60 | 179.80 | 3835.86 | -2253.00 | -6.85 | 2253.00 | .79 |

| Measured Depth FT | Incl Angle Deg | Drift Direction Deg | True Vertical Depth | N-S FT | E-W FT | Vertical Section FT | Dogleg Severity Deg/100 |
|----------------------|-------------------|------------------------|------------------------|-----------|-----------|------------------------|----------------------------|
| 5854.00 | 89.30 | 180.00 | 3836.45 | -2315.00 | -6.74 | 2315.00 | .58 |
| 5916.00 | 88.10 | 179.80 | 3837.86 | -2376.98 | -6.63 | 2376.98 | 1.96 |
| 5978.00 | 88.40 | 179.50 | 3839.75 | -2438.95 | -6.25 | 2438.95 | .68 |
| 6040.00 | 88.20 | 179.40 | 3841.59 | -2500.92 | -5.66 | 2500.92 | .36 |
| 6101.00 | 88.00 | 179.70 | 3843.61 | -2561.88 | -5.18 | 2561.88 | .59 |
| 6164.00 | 88.60 | 179.70 | 3845.48 | -2624.86 | -4.85 | 2624.86 | .95 |
| 6226.00 | 90.10 | 179.50 | 3846.19 | -2686.85 | -4.42 | 2686.85 | 2.44 |
| 6289.00 | 90.70 | 179.10 | 3845.75 | -2749.84 | -3.65 | 2749.84 | 1.14 |
| 6353.00 | 90.30 | 178.90 | 3845.19 | -2813.83 | -2.53 | 2813.83 | .70 |
| 6416.00 | 90.10 | 178.60 | 3844.97 | -2876.81 | -1.16 | 2876.81 | .57 |
| 6479.00 | 90.20 | 178.60 | 3844.80 | -2939.80 | .38 | 2939.80 | .16 |
| 6541.00 | 89.90 | 178.30 | 3844.75 | -3001.77 | 2.06 | 3001.77 | .68 |
| 6605.00 | 89.10 | 178.70 | 3845.31 | -3065.75 | 3.74 | 3065.75 | 1.40 |
| 6668.00 | 89.90 | 178.80 | 3845.86 | -3128.73 | 5.11 | 3128.73 | 1.28 |
| 6731.00 | 90.00 | 178.80 | 3845.91 | -3191.72 | 6.43 | 3191.72 | .16 |
| 6794.00 | 89.60 | 178.60 | 3846.13 | -3254.70 | 7.86 | 3254.70 | .71 |
| 6857.00 | 90.40 | 178.60 | 3846.13 | -3317.68 | 9.40 | 3317.68 | 1.27 |
| 6920.00 | 89.90 | 179.30 | 3845.97 | -3380.67 | 10.55 | 3380.67 | 1.37 |
| 6983.00 | 90.10 | 179.50 | 3845.97 | -3443.66 | 11.21 | 3443.66 | .45 |
| 7046.00 | 89.60 | 179.30 | 3846.13 | -3506.66 | 11.87 | 3506.66 | .85 |
| 7110.00 | 90.30 | 179.30 | 3846.19 | -3570.66 | 12.65 | 3570.66 | 1.09 |
| 7173.00 | 90.30 | 179.00 | 3845.86 | -3633.65 | 13.59 | 3633.65 | .48 |
| 7236.00 | 89.80 | 179.30 | 3845.80 | -3696.64 | 14.52 | 3696.64 | .93 |
| 7299.00 | 90.40 | 179.30 | 3845.69 | -3759.64 | 15.29 | 3759.64 | .95 |
| 7362.00 | 89.50 | 178.70 | 3845.75 | -3822.62 | 16.39 | 3822.62 | 1.72 |
| 7425.00 | 90.20 | 178.70 | 3845.91 | -3885.61 | 17.82 | 3885.61 | 1.11 |
| 7488.00 | 88.80 | 179.70 | 3846.46 | -3948.60 | 18.70 | 3948.60 | 2.73 |
| 7551.00 | 89.30 | 179.80 | 3847.51 | -4011.59 | 18.98 | 4011.59 | .81 |
| 7614.00 | 89.60 | 180.30 | 3848.11 | -4074.58 | 18.92 | 4074.58 | .93 |
| 7678.00 | 89.20 | 180.80 | 3848.78 | -4138.58 | 18.31 | 4138.58 | 1.00 |
| 7741.00 | 89.80 | 181.10 | 3849.33 | -4201.57 | 17.26 | 4201.57 | 1.06 |
| 7803.00 | 89.30 | 180.30 | 3849.82 | -4263.56 | 16.50 | 4263.56 | 1.52 |
| 7867.00 | 87.80 | 180.20 | 3851.44 | -4327.54 | 16.22 | 4327.54 | 2.35 |
| 7930.00 | 88.00 | 180.20 | 3853.75 | -4390.49 | 16.00 | 4390.49 | .32 |
| 7992.00 | 88.30 | 180.00 | 3855.75 | -4452.46 | 15.90 | 4452.46 | .58 |
| 8055.00 | 88.90 | 179.40 | 3857.29 | -4515.44 | 16.23 | 4515.44 | 1.35 |
| 8118.00 | 89.10 | 179.30 | 3858.39 | -4578.43 | 16.94 | 4578.43 | .35 |
| 8150.00 | 89.60 | 179.30 | 3858.75 | -4610.42 | 17.33 | 4610.42 | 1.56 |
| 8182.00 | 90.00 | 179.40 | 3858.86 | -4642.42 | 17.70 | 4642.42 | 1.29 |
| TD Bit Proj | | | | | | | |
| 8232.00 | 90.00 | 179.40 | 3858.86 | -4692.42 | 18.22 | 4692.42 | .00 |

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 30, 2013

Brent Keys
Unit Petroleum Company
7130 S LEWIS AVE
STE 1000
TULSA, OK 74136-5492

Re: ACO-1
API 15-155-21608-01-00
M&M Farms 20 #1H
NE/4 Sec.20-24S-09W
Reno County, Kansas

Dear Brent Keys:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

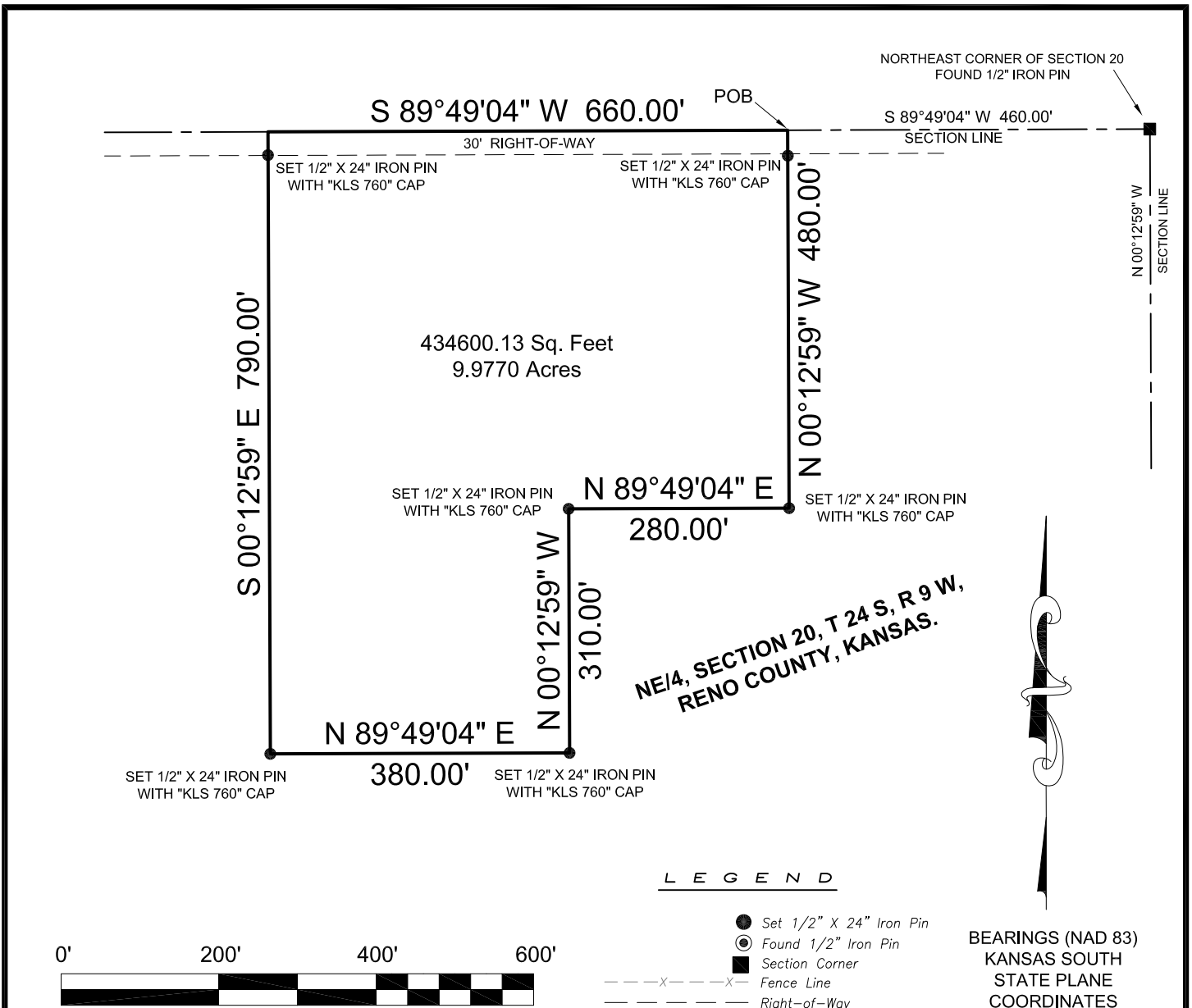
The above referenced well was spudded on 12/22/2012 and the ACO-1 was received on April 30, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



DESCRIPTION: A TRACT OF LAND SITUATED IN THE NE/4 OF SECTION 20, T 24 S, R 9 W, RENO COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 20, THENCE WEST (S89°49'04"W) ALONG THE NORTH BOUNDARY OF SAID NE/4 A DISTANCE OF 460.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING WEST (S89°49'04"W) A DISTANCE OF 660.00 FEET; THENCE SOUTH (S00°12'59"E) PARALLEL WITH THE EAST BOUNDARY OF SAID NE/4 A DISTANCE OF 790.00 FEET; THENCE EAST (N89°49'04"E) PARALLEL WITH THE NORTH BOUNDARY OF SAID NE/4 A DISTANCE OF 380.00 FEET; THENCE NORTH (N00°12'59"W) PARALLEL WITH THE EAST BOUNDARY OF SAID NE/4 A DISTANCE OF 310.00 FEET; THENCE EAST (N89°49'04"E) PARALLEL WITH THE NORTH BOUNDARY OF SAID NE/4 A DISTANCE OF 280.00 FEET; THENCE NORTH (N00°12'59"W) PARALLEL WITH THE EAST BOUNDARY OF SAID NE/4 A DISTANCE OF 480.00 FEET TO THE POINT OF BEGINNING, SAID TRACT CONTAINING 9.9770 ACRES.

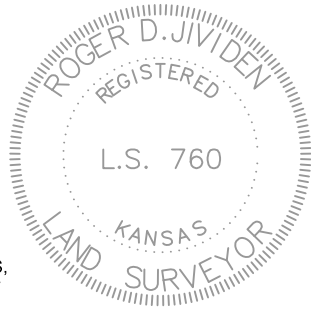
THIS DESCRIPTION WAS WRITTEN BY ROGER JIVIDEN "KLS 760" ON THE 29TH DAY OF AUGUST, 2012. THE BEARINGS REFERENCED IN THIS DESCRIPTION ARE TIED TO THE KANSAS SOUTH (NAD 83) STATE PLANE COORDINATE SYSTEM.

SURVEYOR CERTIFICATE

WE DO HEREBY CERTIFY THAT ON THE 31ST DAY OF AUGUST, 2012, WE COMPLETED A SURVEY OF THE ABOVE DESCRIBED PROPERTY AND TO THE BEST OF OUR KNOWLEDGE AND BELIEF THIS SURVEY IS TRUE AND CORRECT.

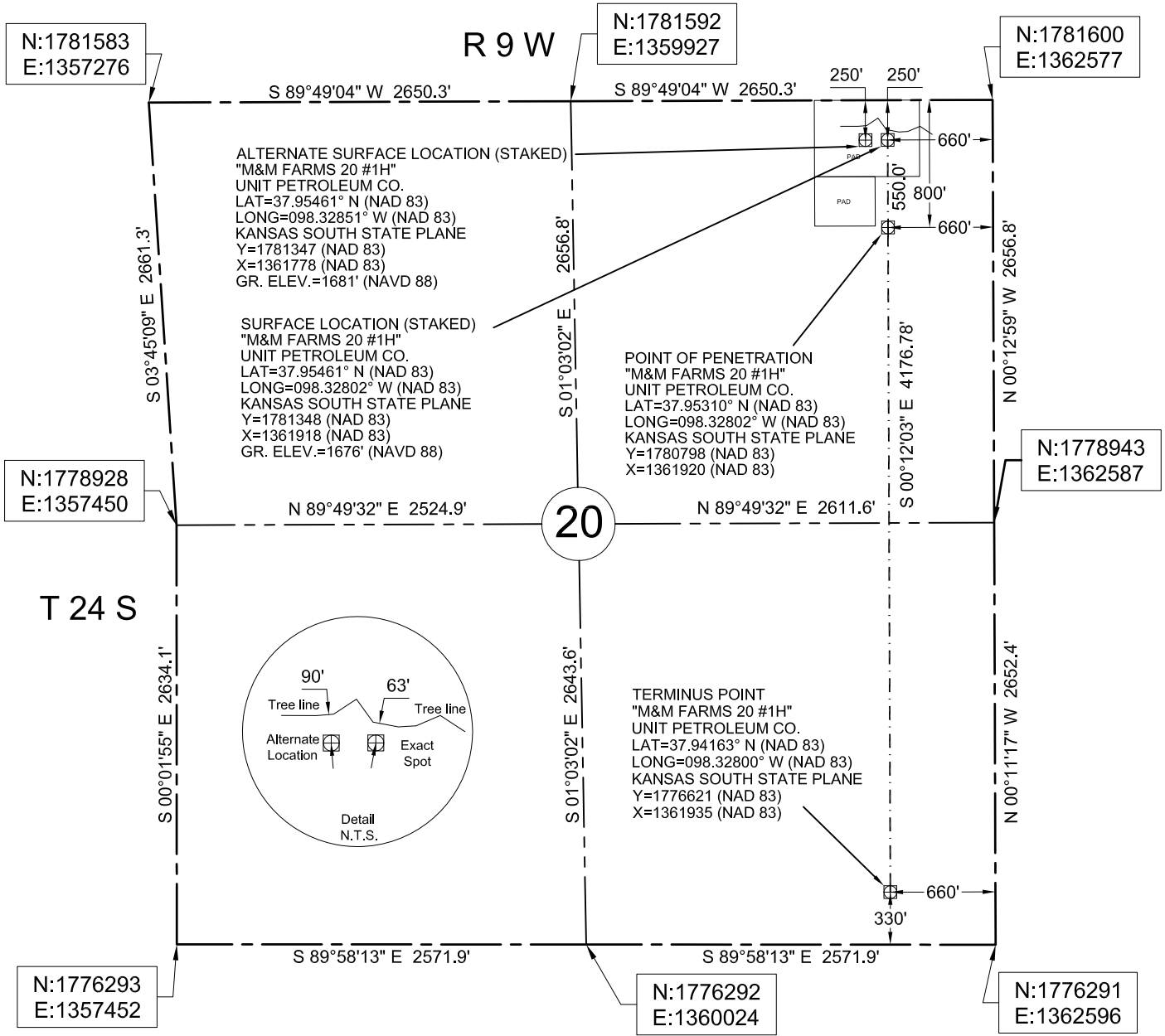
NOTES:

1. SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL AND SIGNATURE OF SURVEYOR PRESENT.
2. DECLARATION IS MADE TO ORIGINAL PURCHASER OF THE SURVEY.
IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
3. THIS SURVEY MEETS CURRENT "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS."
4. DATE FIELD WORK COMPLETED: 08-24-2012
5. NO ATTEMPT HAS BEEN MADE AS A PART OF THIS BOUNDARY SURVEY TO OBTAIN OR SHOW DATA CONCERNING EXISTENCE, SIZE, DEPTH, CONDITION, CAPACITY, OR LOCATION OF ANY UTILITY OR MUNICIPAL / PUBLIC SERVICE FACILITY. FOR INFORMATION REGARDING THESE UTILITIES OR FACILITIES, PLEASE CONTACT THE APPROPRIATE AGENCIES OR OTHER SURVEYS.
6. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS WHICH AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.



| | | | | | |
|---|---|--------------------|--|------------------|-----------------|
| <p>JVIDENS LAND SURVEY Co., Inc. 1210 19TH STREET / P.O. BOX 943 WOODWARD, OKLAHOMA 73802 Phone 580-256-7174 - Fax 580-256-3424 roger@jvidenslandsurvey.com mike@jvidenslandsurvey.com</p> | <p>Survey For: Unit Petroleum Co. P.O. Box 2726 Woodward, OK 73802 Attn: Jason Rummery</p> | JOB 546-12 | DATE OF PLAT 08-31-2012 | SCALE 1"=200' | SHEET 1 OF 1 |
| | | DRAWN BY D.W.K. | OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012 | | |

Section 20, T 24 S, R 9 W., Reno County, Kansas.



Description: Surface Hole Location Stake
"M&M Farms 20 #1H" situated 250 feet from the north section line and 660 feet from the east section line of Section 20, T 24 S, R 9 W., Reno County, Kansas.

Description: Penetration Point
situated 800 feet from the north section line and 660 feet from the east section line of Section 20, T 24 S, R 9 W., Reno County, Kansas.

Description: Terminus Point
situated 330 feet from the south section line and 660 feet from the east section line of Section 20, T 24 S, R 9 W., Reno County, Kansas.

48 HOURS BEFORE YOU DIG...
CALL KANSAS ONE-CALL
1-800-344-7233

KANSAS ONE-CALL SYSTEM

Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services.

Contractor is responsible for contacting all utility companies prior to construction.

We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately.

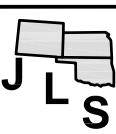


Survey is valid only if print has original seal and signature of surveyor present

BEARINGS (NAD 83) KANSAS
SOUTH STATE PLANE
COORDINATES

LEGEND

- SECTION LINE
- - - - - 1/4 SECTION LINE

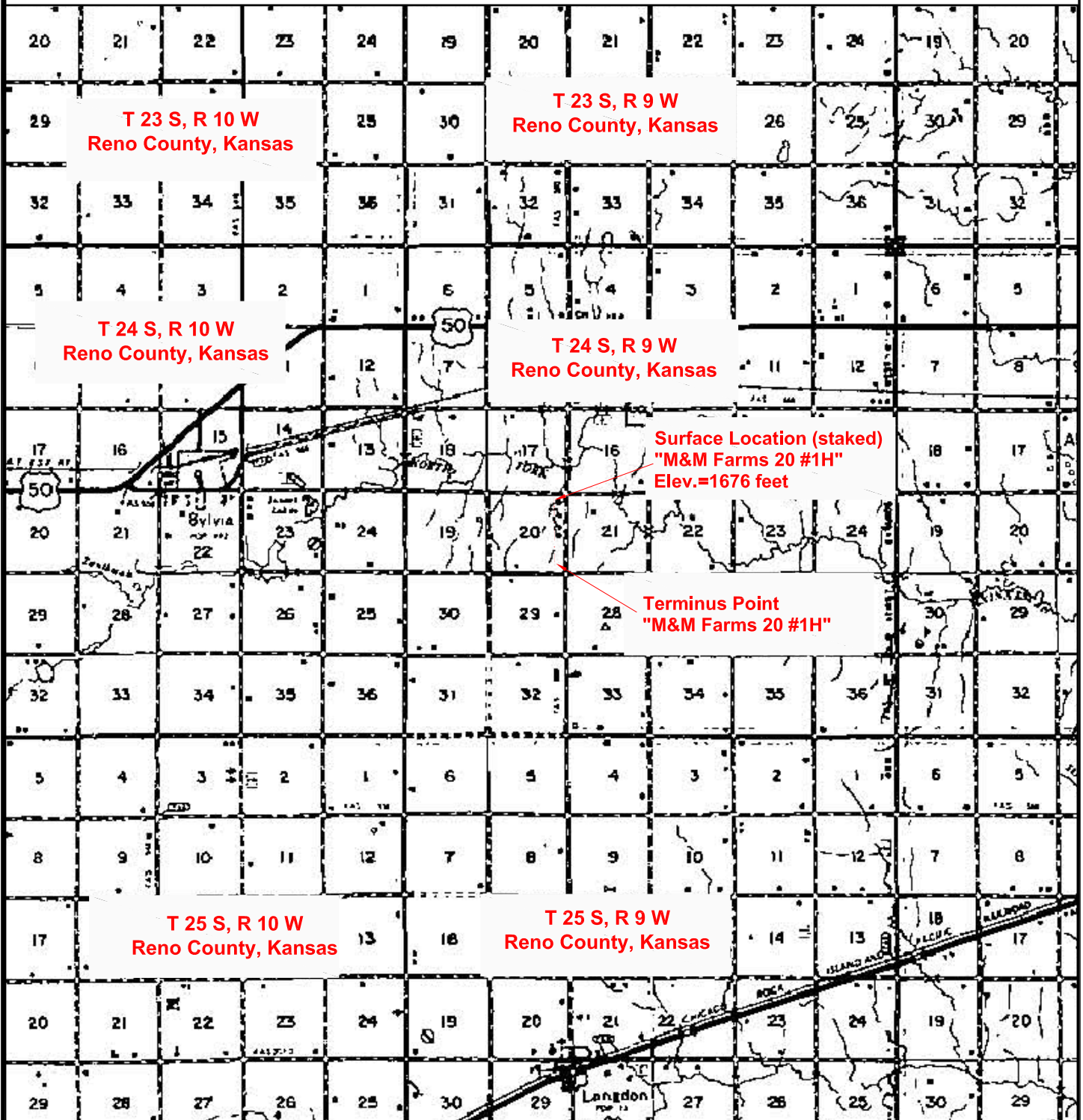


JIVIDENS LAND SURVEY Co., Inc.
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WOODWARD, OKLAHOMA 73802
Phone 580-256-7174 - Fax 580-256-3424
roger@jivdenslandsurvey.com mike@jivdenslandsurvey.com

Survey For:
Unit Petroleum Co.
P.O. Box 2726
Woodward, OK 73802
Attn: Jason Rummery

| | | | |
|--------------------|----------------------------|--|-----------------|
| JOB 523-12 | DATE OF PLAT 08-29-2012 | SCALE 1"=1000' | SHEET 1 OF 5 |
| DRAWN BY D.W.K. | | OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012 | |

Section 20, T 24 S, R 9 W., Reno County, Kansas.



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1-800-344-7233

KANSAS ONE-CALL SYSTEM

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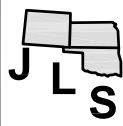
BEARINGS
NOT SHOWN

VICINITY MAP

Description: Surface Hole Location Stake
situated 250 feet from the north
section line and 660 feet from the east section line of
Section 20, T 24 S, R 9 W., Reno County, Kansas.

Description: Penetration Point
situated 800 feet from the north section line and 660
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R 9 W., Reno County, Kansas.

Description: Terminus Point
situated 330 feet from the south section line and 660
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R 9 W., Reno County, Kansas.

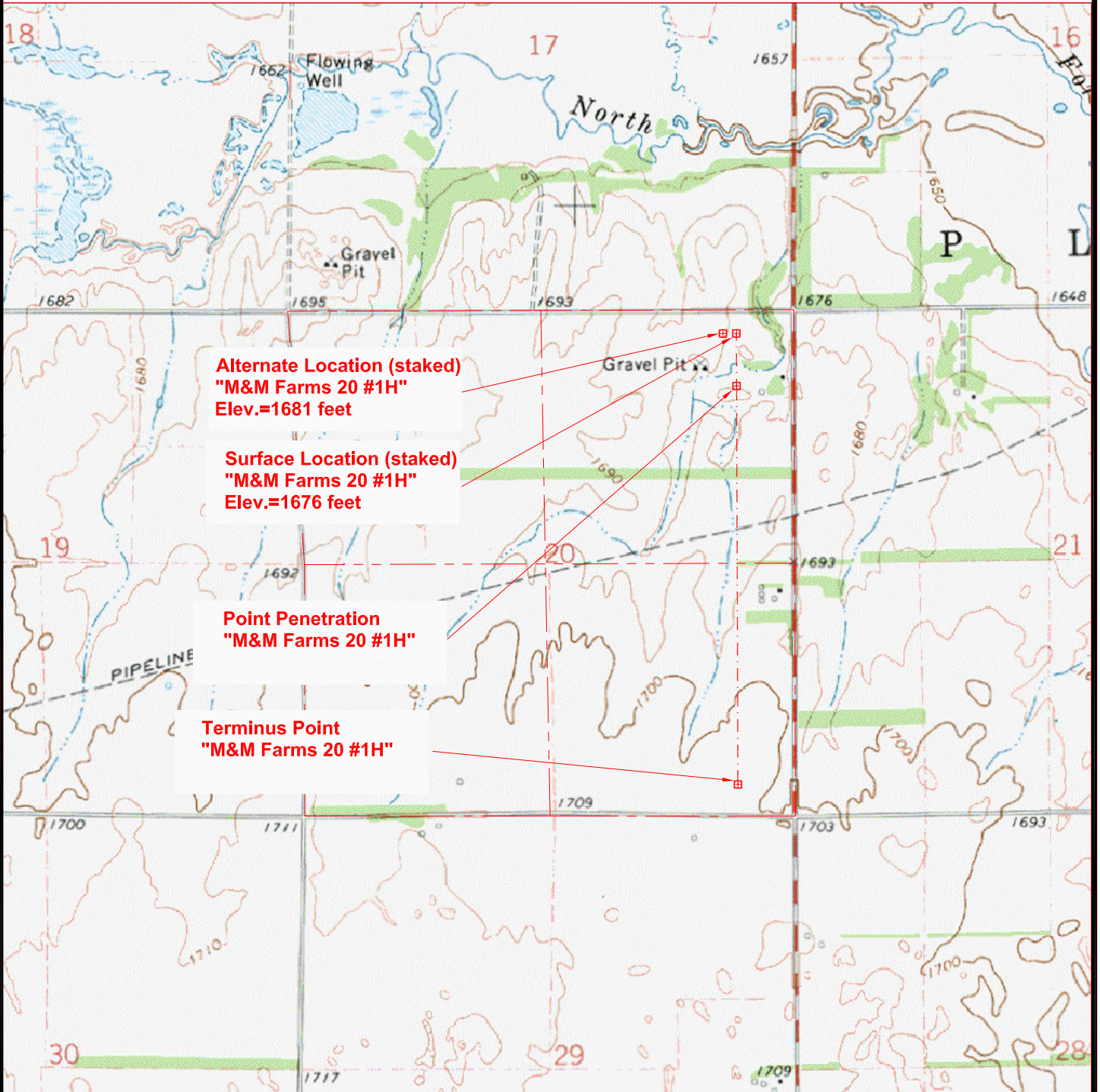


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WOODWARD, OKLAHOMA 73802
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roger@jvidenslandsurvey.com mike@jvidenslandsurvey.com

Survey For:
Unit Petroleum Co.
P.O. Box 2726
Woodward, OK 73802
Attn: Jason Rummery

| | | | |
|--------------------|----------------------------|--|-----------------|
| JOB 523-12 | DATE OF PLAT 08-29-2012 | SCALE NTS | SHEET 2 OF 5 |
| DRAWN BY D.W.K. | | OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012 | |

Section 20, T 24 S, R 9 W., Reno County, Kansas.



ELEVATION MAP

48 HOURS BEFORE YOU DIG...
CALL KANSAS ONE-CALL
1-800-344-7233



KANSAS ONE-CALL SYSTEM

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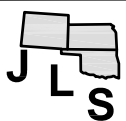
Contractor is responsible for contacting all
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BEARINGS
NOT SHOWN

Description: Surface Hole Location Stake
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Section 20, T 24 S, R 9 W., Reno County, Kansas.

Description: Penetration Point
situated 800 feet from the north section line and 660
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Survey For:
Unit Petroleum Co.
P.O. Box 2726
Woodward, OK 73802
Attn: Jason Rummery

JOB
523-12

DATE OF PLAT
08-29-2012

SCALE
NTS

SHEET
3 OF 5

DRAWN BY
D.W.K.

OKLA. CA #2064, EXP. 06/30/2013
KANSAS CA #143, EXP. 12/31/2012

Section 20, T 24 S, R 9 W., Reno County, Kansas.



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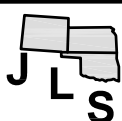
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section line and 660 feet from the east
section line of Section 20, T 24 S, R 9 W.,
Reno County, Kansas.

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situated 800 feet from the north section
line and 660 feet from the east section
line of Section 20, T 24 S, R 9 W.,
Reno County, Kansas.

Description: Terminus Point
situated 330 feet from the south section
line and 660 feet from the east section
line of Section 20, T 24 S, R 9 W.,
Reno County, Kansas.

BEARINGS (NAD 83) KANSAS
SOUTH STATE PLANE
COORDINATES

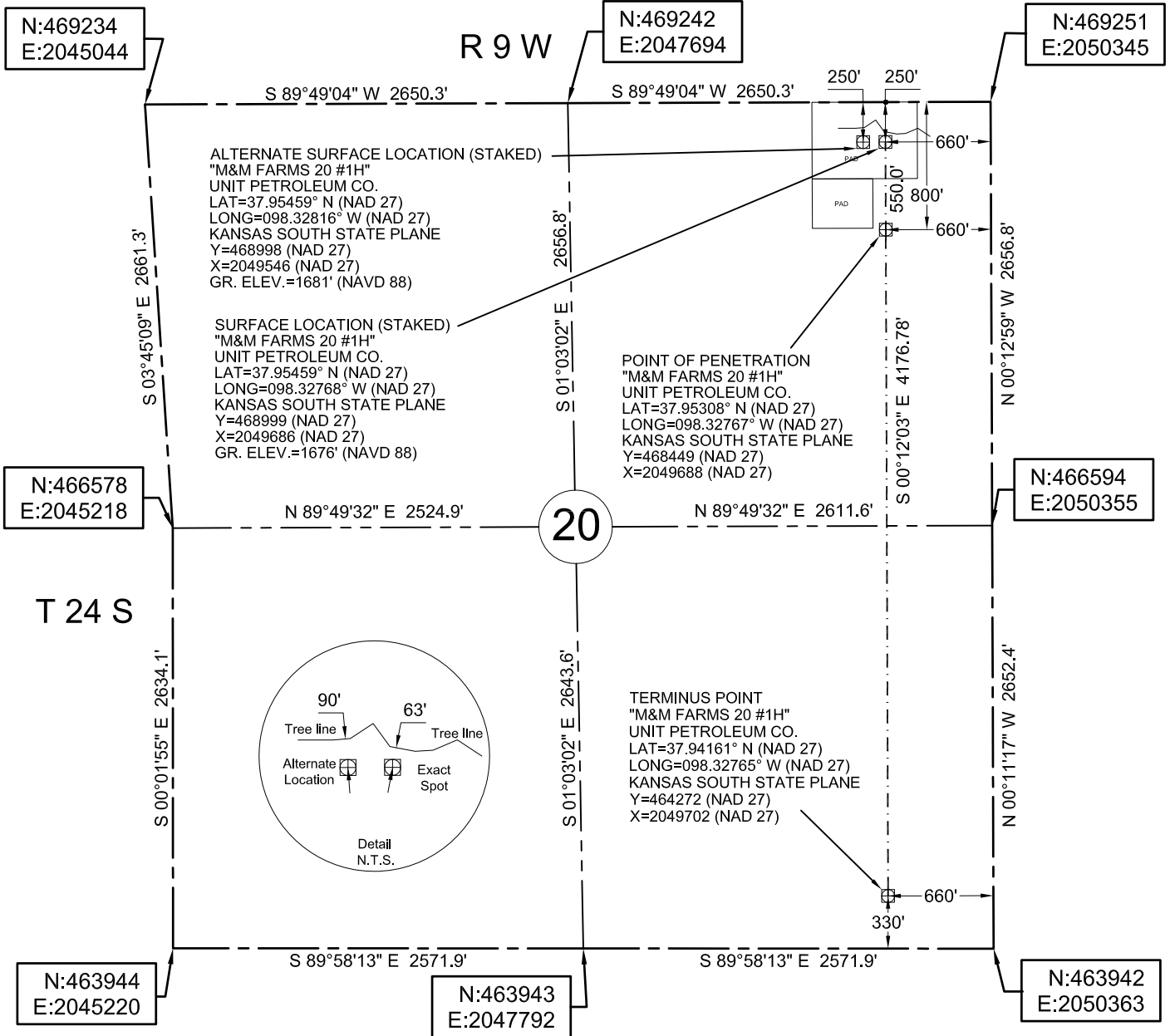


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roger@jvidenslandsurvey.com mike@jvidenslandsurvey.com

Survey For:
Unit Petroleum Co.
P.O. Box 2726
Woodward, OK 73802
Attn: Jason Rummery

| JOB | DATE OF PLAT | SCALE | SHEET |
|--------------------|--------------|--|--------|
| 523-12 | 08-29-2012 | 1"=1000' | 4 OF 5 |
| DRAWN BY D.W.K. | | OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012 | |

Section 20, T 24 S, R 9 W., Reno County, Kansas.



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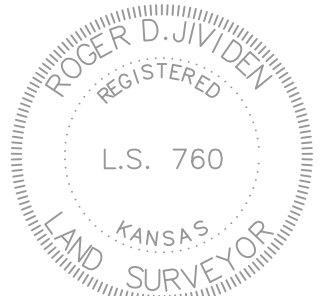
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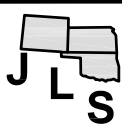


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BEARINGS (NAD 27) KANSAS
SOUTH STATE PLANE
COORDINATES

LEGEND

- SECTION LINE
- 1/4 SECTION LINE



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Attn: Jason Rummery

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|--------------------|----------------------------|--|-----------------|
| JOB 523-12 | DATE OF PLAT 08-29-2012 | SCALE 1"=1000' | SHEET 1 OF 5 |
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