



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
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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: _____



1098015

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
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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
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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: _____ _____
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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

October 19, 2012

Dusty Weatherly
Nemaha Oil and Gas LLC
110 W. 7TH ST., STE 1800
TULSA, OK 74119

Re: ACO1
API 15-019-27126-01-00
DJK 1A-16-32-9
SE/4 Sec.16-32S-09E
Chautauqua 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,
Dusty Weatherly

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



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

Sam Brownback, Governor

October 23, 2012

Dusty Weatherly
Nemaha Oil and Gas LLC
110 W. 7TH ST., STE 1800
TULSA, OK 74119

Re: ACO-1
API 15-019-27126-01-00
DJK 1A-16-32-9
SE/4 Sec.16-32S-09E
Chautauqua County, Kansas

Dear Dusty Weatherly:

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 12/30/2011 and the ACO-1 was received on October 19, 2012 (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

Nadel & Gussman Energy

Location Kansas Installation Chautauqua County
Field Sec 16 - 32S - 9E Well DJK 1A-16-32 9H

Installation Data				
Name	Latitude	Longitude	Northing	Easting
Chautauqua County	N37 15 30.76	W96 25 17.71	222284.00	2606162.00
Coordinate System				
Kansas State Planes, Southern Zone				
Slot Data				
Name	North (ft)	East (ft)	Latitude	Longitude
DJK 1A-16-32 9H	242.00 N	-1307.00 E	N37 15 33.44	W96 25 17.81
Elevation Data				
Slot - Mean Sea Level (ft)	Mean Sea Level - Mudline/Ground level (ft)		Slot - Mudline/Ground level (ft)	
0.00	0.00		0.00	

WELL PROFILE DATA

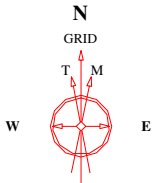
Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP	1756.00	0.00	0.00	1756.00	0.00	0.00	0.00	0.00
Target 50° Point	2282.31	50.00	358.59	2218.00	215.38	-5.29	9.50	215.44
Target End 50°	2382.31	50.00	358.59	2282.28	291.96	-7.17	0.00	292.05
Target Casing Point	2473.36	58.54	358.59	2335.40	365.78	-8.98	9.37	365.89
Target Landing Point	2808.03	90.00	358.59	2425.00	683.79	-16.80	9.40	684.00
T.D. & Target BHL	5423.03	90.00	358.59	2425.00	3298.00	-81.00	0.00	3299.00

TARGET DATA

MD	Inc	Azi	TVD	North	East	Name	Position
2282.31	50.00	358.59	2218.00	215.38	-5.29	50° Point	2604849.71 East : 222741.37 North
2382.31	50.00	358.59	2282.28	291.96	-7.17	End 50°	2604847.83 East : 222817.96 North
2473.36	58.54	358.59	2335.40	365.78	-8.98	Casing Point	2604846.02 East : 222891.78 North
2808.03	90.00	358.59	2425.00	683.79	-16.80	Landing Point	2604838.20 East : 223209.79 North
5423.03	90.00	358.59	2425.00	3298.00	-81.00	BHL	2604774.00 East : 225824.00 North

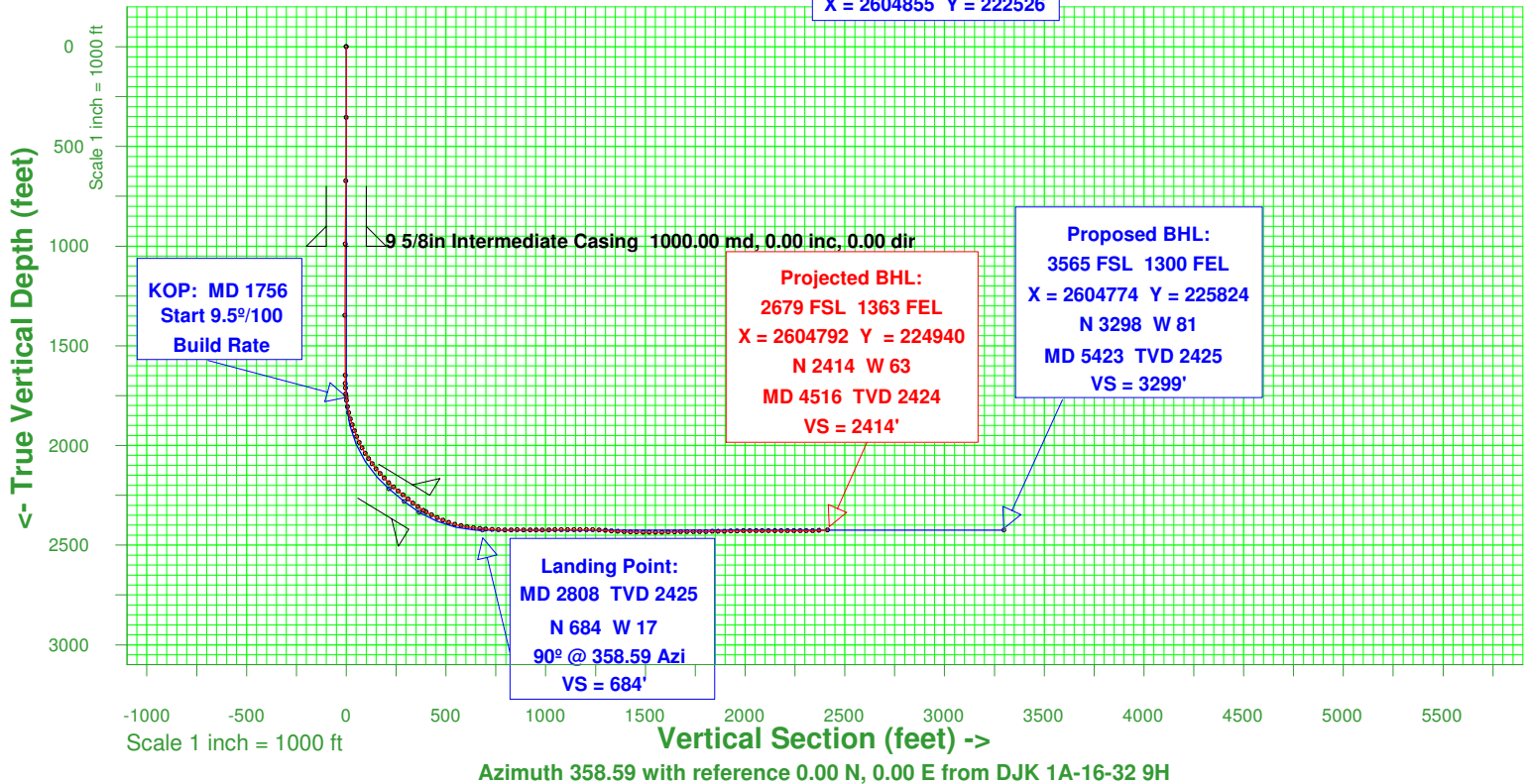
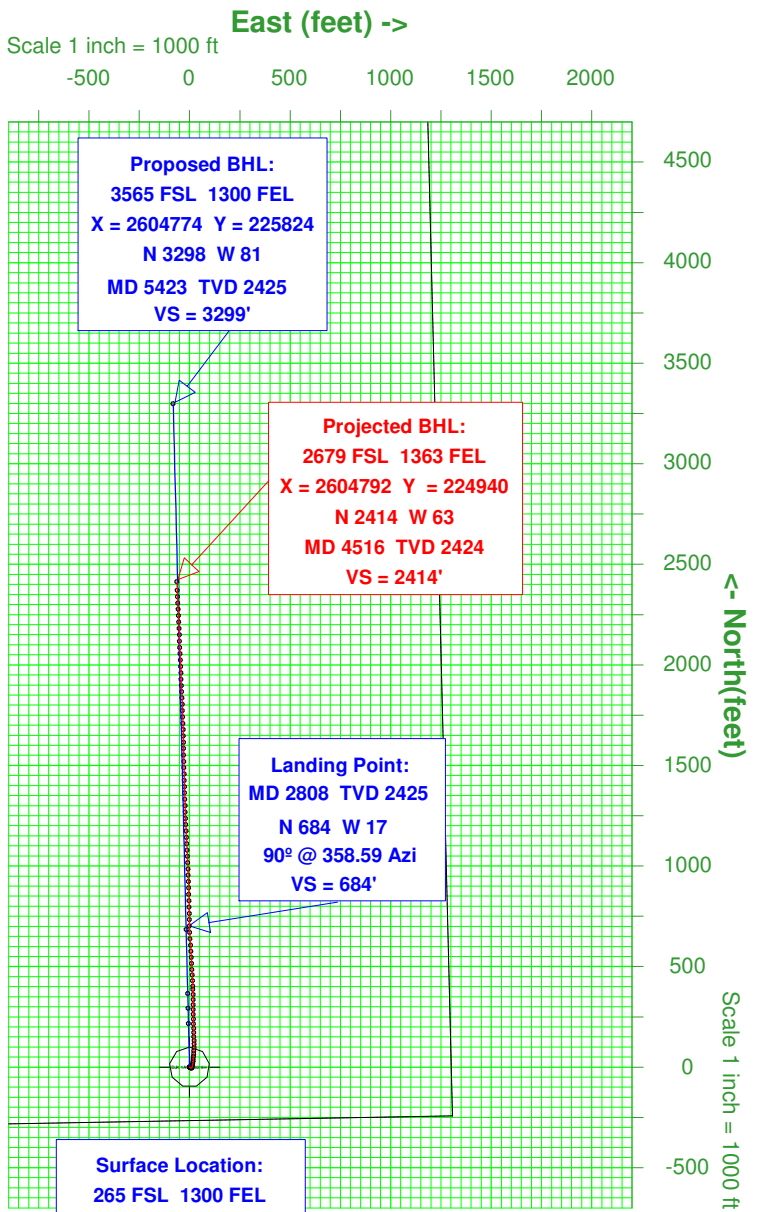


9630 Pole Rd.
Oklahoma City, OK 73160
Tel: (405) 604-2969



29-Dec-2011
IGRF Model [1900.0-2015.0] Dip: 65.57 deg Field: 52088.4 nT
Magnetic North is 3.59 deg East of True North
GRID North is 1.28 deg East of True North
To correct azimuth from True to GRID subtract 1.28 deg
To correct azimuth from Magnetic to GRID add 2.31 deg

Created by admin
Date plotted 16-Jan-2012
Plot reference is DJK 1A-16-32 9H (Plan).
Ref wellpath is DJK 1A-16-32 9H (PWP#1).
Coordinates are in feet reference DJK 1A-16-32 9H.
True Vertical Depths are reference DJK 1A-16-32 9H.
Measured Depths are reference Slot.
Plot North is aligned to GRID North.



Standard Wellpath Report
 Nadel & Gussman Energy
 Sec 16 - 32S - 9E, Kansas
 Chautauqua County
 Wellbore: DJK 1A-16-32 9H (Actual)

Wellbore

Name	Created	Last Revised
DJK 1A-16-32 9H (Actual)	29-Dec-2011	16-Jan-2012

Well

Name	Government ID	Last Revised
DJK 1A-16-32 9H		29-Dec-2011

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
DJK 1A-16-32 9H	222526.0000	2604855.0000	N37 15 33.4441	W96 25 17.8054	242.00N	1307.00W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Chautauqua County	2606162.0000	222284.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 16 - 32S - 9E	2606162.0000	222284.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Created By

Comments

Comments
<p>FINAL Surveys MD 4516 is a projection to bit @ TD</p>

Standard Wellpath Report
 Nadel & Gussman Energy
 Sec 16 - 32S - 9E, Kansas
 Chautauqua County
 Wellbore: DJK 1A-16-32 9H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2604855.00	222526.00
354.00	0.40	108.700	354.00	0.40S	1.17E	0.11	-0.42	2604856.17	222525.60
673.00	0.70	111.300	672.98	1.46S	4.04E	0.09	-1.56	2604859.04	222524.54
989.00	0.90	145.500	988.95	4.21S	7.24E	0.16	-4.38	2604862.24	222521.79
1348.00	0.20	10.900	1347.94	5.92S	8.96E	0.29	-6.13	2604863.96	222520.08
1648.00	0.80	68.800	1647.93	4.64S	11.01E	0.24	-4.91	2604866.01	222521.36
1690.00	1.30	44.300	1689.92	4.20S	11.62E	1.57	-4.48	2604866.62	222521.80
1712.00	3.20	14.400	1711.90	3.42S	11.95E	9.87	-3.72	2604866.95	222522.58
1743.00	5.00	9.200	1742.82	1.25S	12.38E	5.92	-1.56	2604867.38	222524.75
1775.00	7.50	9.300	1774.63	2.19N	12.94E	7.81	1.87	2604867.94	222528.19
1806.00	10.40	10.600	1805.25	6.93N	13.78E	9.38	6.59	2604868.78	222532.93
1838.00	13.20	10.900	1836.57	13.36N	15.00E	8.75	12.99	2604870.00	222539.36
1870.00	15.90	9.600	1867.54	21.27N	16.42E	8.50	20.86	2604871.42	222547.27
1901.00	18.60	7.900	1897.14	30.36N	17.81E	8.86	29.91	2604872.81	222556.36
1933.00	21.10	5.900	1927.24	41.14N	19.10E	8.09	40.66	2604874.10	222567.14
1964.00	23.50	5.500	1955.92	52.85N	20.27E	7.76	52.34	2604875.27	222578.85
1996.00	26.50	4.200	1984.92	66.32N	21.41E	9.53	65.78	2604876.41	222592.32
2027.00	29.30	2.600	2012.31	80.80N	22.26E	9.35	80.23	2604877.26	222606.80
2058.00	31.40	0.900	2039.06	96.46N	22.73E	7.32	95.87	2604877.73	222622.46
2090.00	33.70	359.900	2066.04	113.67N	22.84E	7.38	113.08	2604877.84	222639.67
2121.00	36.00	359.000	2091.47	131.38N	22.67E	7.60	130.79	2604877.67	222657.38
2153.00	38.60	358.500	2116.93	150.77N	22.24E	8.18	150.18	2604877.24	222676.77
2185.00	40.80	358.100	2141.55	171.20N	21.64E	6.92	170.61	2604876.64	222697.20
2216.00	43.40	357.900	2164.55	191.97N	20.91E	8.40	191.40	2604875.91	222717.97
2248.00	46.00	358.000	2187.29	214.46N	20.10E	8.13	213.90	2604875.10	222740.46
2279.00	48.90	358.300	2208.25	237.28N	19.37E	9.38	236.73	2604874.37	222763.28
2311.00	50.10	358.600	2229.03	261.61N	18.71E	3.82	261.07	2604873.71	222787.61
2342.00	50.50	358.500	2248.83	285.45N	18.11E	1.31	284.92	2604873.11	222811.45
2374.00	50.70	1.000	2269.15	310.17N	18.00E	6.07	309.64	2604873.00	222836.17
2406.00	52.10	0.400	2289.11	335.18N	18.30E	4.61	334.63	2604873.30	222861.18
2437.00	54.60	358.800	2307.62	360.05N	18.13E	9.07	359.49	2604873.13	222886.05
2469.00	58.00	357.300	2325.37	386.65N	17.21E	11.32	386.11	2604872.21	222912.65
2486.00	59.90	357.000	2334.14	401.19N	16.49E	11.28	400.67	2604871.49	222927.19
2517.00	63.00	356.000	2348.95	428.37N	14.82E	10.39	427.88	2604869.82	222954.37
2549.00	64.30	357.700	2363.15	457.00N	13.25E	6.26	456.54	2604868.25	222983.00
2580.00	67.40	357.900	2375.84	485.26N	12.16E	10.02	484.82	2604867.16	223011.26
2612.00	71.30	357.600	2387.12	515.18N	10.99E	12.22	514.75	2604865.99	223041.18
2643.00	75.30	356.600	2396.03	544.82N	9.48E	13.27	544.43	2604864.48	223070.82
2675.00	78.80	355.800	2403.20	575.94N	7.42E	11.21	575.58	2604862.42	223101.94
2706.00	81.00	355.900	2408.63	606.37N	5.21E	7.10	606.06	2604860.21	223132.37
2738.00	82.70	355.700	2413.17	637.96N	2.89E	5.35	637.70	2604857.89	223163.96
2770.00	83.90	357.700	2416.90	669.69N	1.06E	7.25	669.46	2604856.06	223195.69
2801.00	84.60	358.600	2420.01	700.52N	0.06E	3.67	700.31	2604855.06	223226.52
2833.00	87.30	358.900	2422.27	732.43N	0.63W	8.49	732.22	2604854.37	223258.43
2864.00	88.30	358.600	2423.46	763.40N	1.31W	3.37	763.20	2604853.69	223289.40
2896.00	89.60	358.700	2424.04	795.38N	2.06W	4.07	795.19	2604852.94	223321.38
2928.00	90.40	358.600	2424.04	827.37N	2.82W	2.52	827.19	2604852.18	223353.37
2959.00	89.90	358.700	2423.96	858.36N	3.55W	1.64	858.19	2604851.45	223384.36
2991.00	89.70	358.400	2424.07	890.35N	4.36W	1.13	890.19	2604850.64	223416.35
3023.00	89.90	358.000	2424.19	922.34N	5.36W	1.40	922.19	2604849.64	223448.34
3054.00	90.00	357.900	2424.21	953.32N	6.47W	0.46	953.19	2604848.53	223479.32
3085.00	90.10	357.800	2424.19	984.30N	7.63W	0.46	984.19	2604847.37	223510.30
3117.00	90.30	357.700	2424.07	1016.27N	8.89W	0.70	1016.18	2604846.11	223542.27
3148.00	90.30	357.700	2423.91	1047.25N	10.13W	==>	1047.18	2604844.87	223573.25
3179.00	90.20	357.100	2423.78	1078.21N	11.54W	1.96	1078.17	2604843.46	223604.21
3211.00	90.20	356.800	2423.67	1110.17N	13.24W	0.94	1110.16	2604841.76	223636.17
3243.00	90.00	357.300	2423.61	1142.13N	14.89W	1.68	1142.15	2604840.11	223668.12
3274.00	90.50	357.000	2423.47	1173.09N	16.43W	1.88	1173.14	2604838.57	223699.09
3306.00	90.80	357.000	2423.11	1205.04N	18.11W	0.94	1205.12	2604836.89	223731.04
3337.00	89.20	357.500	2423.11	1236.00N	19.59W	5.41	1236.11	2604835.41	223762.00
3369.00	86.30	358.000	2424.37	1267.95N	20.85W	9.20	1268.08	2604834.15	223793.95
3401.00	85.70	358.100	2426.60	1299.85N	21.93W	1.90	1300.00	2604833.07	223825.85
3432.00	86.20	357.900	2428.79	1330.76N	23.01W	1.74	1330.92	2604831.99	223856.76
3464.00	86.70	358.200	2430.77	1362.68N	24.10W	1.82	1362.86	2604830.90	223888.68
3495.00	86.80	358.300	2432.53	1393.61N	25.05W	0.46	1393.81	2604829.95	223919.61
3527.00	88.10	358.400	2433.95	1425.57N	25.97W	4.07	1425.78	2604829.03	223951.57
3558.00	88.20	358.800	2434.95	1456.54N	26.72W	1.33	1456.76	2604828.28	223982.54
3590.00	88.30	358.400	2435.93	1488.52N	27.50W	1.29	1488.74	2604827.50	224014.52
3621.00	89.70	359.000	2436.47	1519.50N	28.21W	4.91	1519.74	2604826.79	224045.50

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (DJK 1A-16-32 9H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 358.590 degrees
 Bottom hole distance is 2414.42 Feet on azimuth 358.51 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 16-Jan-2012

Standard Wellpath Report
 Nadel & Gussman Energy
 Sec 16 - 32S - 9E, Kansas
 Chautauqua County
 Wellbore: DJK 1A-16-32 9H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
3653.00	91.60	359.500	2436.11	1551.50N	28.63W	6.14	1551.73	2604826.37	224077.50
3685.00	91.80	359.100	2435.16	1583.48N	29.02W	1.40	1583.72	2604825.98	224109.48
3716.00	91.20	358.400	2434.35	1614.46N	29.69W	2.97	1614.71	2604825.31	224140.46
3748.00	91.30	358.500	2433.65	1646.44N	30.56W	0.44	1646.70	2604824.44	224172.44
3779.00	90.20	358.300	2433.24	1677.43N	31.42W	3.61	1677.69	2604823.58	224203.43
3810.00	89.70	357.800	2433.27	1708.41N	32.48W	2.28	1708.69	2604822.52	224234.41
3842.00	89.50	357.600	2433.49	1740.38N	33.76W	0.88	1740.69	2604821.24	224266.38
3874.00	91.10	357.800	2433.33	1772.36N	35.05W	5.04	1772.68	2604819.95	224298.36
3906.00	91.70	357.800	2432.54	1804.32N	36.28W	1.87	1804.67	2604818.72	224330.32
3937.00	91.10	357.700	2431.79	1835.29N	37.49W	1.96	1835.66	2604817.51	224361.29
3967.00	91.30	357.400	2431.16	1865.26N	38.77W	1.20	1865.65	2604816.23	224391.26
3998.00	91.60	357.600	2430.37	1896.22N	40.13W	1.16	1896.63	2604814.87	224422.22
4030.00	91.00	357.700	2429.65	1928.18N	41.44W	1.90	1928.62	2604813.56	224454.18
4062.00	91.00	358.100	2429.09	1960.15N	42.61W	1.25	1960.61	2604812.39	224486.15
4093.00	91.10	358.100	2428.52	1991.13N	43.64W	0.32	1991.60	2604811.36	224517.13
4125.00	90.20	357.400	2428.16	2023.11N	44.89W	3.56	2023.60	2604810.11	224549.10
4157.00	89.80	357.300	2428.16	2055.07N	46.37W	1.29	2055.59	2604808.63	224581.07
4188.00	89.50	357.100	2428.35	2086.03N	47.89W	1.16	2086.58	2604807.11	224612.03
4220.00	89.70	357.600	2428.57	2118.00N	49.37W	1.68	2118.57	2604805.63	224644.00
4251.00	89.80	357.400	2428.71	2148.97N	50.72W	0.72	2149.57	2604804.28	224674.97
4283.00	90.10	357.900	2428.73	2180.94N	52.03W	1.82	2181.56	2604802.97	224706.94
4315.00	90.10	357.600	2428.68	2212.92N	53.29W	0.94	2213.56	2604801.71	224738.92
4346.00	90.30	357.500	2428.57	2243.89N	54.61W	0.72	2244.55	2604800.39	224769.89
4378.00	90.60	357.200	2428.32	2275.85N	56.09W	1.33	2276.54	2604798.91	224801.85
4409.00	90.70	357.100	2427.97	2306.81N	57.63W	0.46	2307.53	2604797.37	224832.81
4441.00	92.00	357.200	2427.21	2338.76N	59.22W	4.07	2339.51	2604795.78	224864.76
4473.00	92.50	357.100	2425.96	2370.70N	60.81W	1.59	2371.48	2604794.19	224896.70
4516.00	92.50	357.100	2424.08	2413.60N	62.99W	==>	2414.42	2604792.01	224939.60

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 Prepared by
 Date Printed: 16-Jan-2012

Standard Wellpath Report
Nadel & Gussman Energy
Sec 16 - 32S - 9E, Kansas
Chautauqua County
Wellbore: DJK 1A-16-32 9H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
4516.00	2424.08	2413.60N	62.99W	Projection to bit @ TD

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 Sec 16 - 32S - 9E, Kansas
 Chautauqua County
 Wellbore: DJK 1A-16-32 9H (Actual)

Wellbore

Name	Created	Last Revised
DJK 1A-16-32 9H (Actual)	29-Dec-2011	16-Jan-2012

Well

Name	Government ID	Last Revised
DJK 1A-16-32 9H		29-Dec-2011

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
DJK 1A-16-32 9H	222526.0000	2604855.0000	N37 15 33.4441	W96 25 17.8054	242.00N	1307.00W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Chautauqua County	2606162.0000	222284.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 16 - 32S - 9E	2606162.0000	222284.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Created By

Comments

Comments
<p>FINAL Surveys MD 4516 is a projection to bit @ TD</p>

Standard Wellpath Report
 Nadel & Gussman Energy
 Sec 16 - 32S - 9E, Kansas
 Chautauqua County
 Wellbore: DJK 1A-16-32 9H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2604855.00	222526.00
354.00	0.40	108.700	354.00	0.40S	1.17E	0.11	-0.42	2604856.17	222525.60
673.00	0.70	111.300	672.98	1.46S	4.04E	0.09	-1.56	2604859.04	222524.54
989.00	0.90	145.500	988.95	4.21S	7.24E	0.16	-4.38	2604862.24	222521.79
1348.00	0.20	10.900	1347.94	5.92S	8.96E	0.29	-6.13	2604863.96	222520.08
1648.00	0.80	68.800	1647.93	4.64S	11.01E	0.24	-4.91	2604866.01	222521.36
1690.00	1.30	44.300	1689.92	4.20S	11.62E	1.57	-4.48	2604866.62	222521.80
1712.00	3.20	14.400	1711.90	3.42S	11.95E	9.87	-3.72	2604866.95	222522.58
1743.00	5.00	9.200	1742.82	1.25S	12.38E	5.92	-1.56	2604867.38	222524.75
1775.00	7.50	9.300	1774.63	2.19N	12.94E	7.81	1.87	2604867.94	222528.19
1806.00	10.40	10.600	1805.25	6.93N	13.78E	9.38	6.59	2604868.78	222532.93
1838.00	13.20	10.900	1836.57	13.36N	15.00E	8.75	12.99	2604870.00	222539.36
1870.00	15.90	9.600	1867.54	21.27N	16.42E	8.50	20.86	2604871.42	222547.27
1901.00	18.60	7.900	1897.14	30.36N	17.81E	8.86	29.91	2604872.81	222556.36
1933.00	21.10	5.900	1927.24	41.14N	19.10E	8.09	40.66	2604874.10	222567.14
1964.00	23.50	5.500	1955.92	52.85N	20.27E	7.76	52.34	2604875.27	222578.85
1996.00	26.50	4.200	1984.92	66.32N	21.41E	9.53	65.78	2604876.41	222592.32
2027.00	29.30	2.600	2012.31	80.80N	22.26E	9.35	80.23	2604877.26	222606.80
2058.00	31.40	0.900	2039.06	96.46N	22.73E	7.32	95.87	2604877.73	222622.46
2090.00	33.70	359.900	2066.04	113.67N	22.84E	7.38	113.08	2604877.84	222639.67
2121.00	36.00	359.000	2091.47	131.38N	22.67E	7.60	130.79	2604877.67	222657.38
2153.00	38.60	358.500	2116.93	150.77N	22.24E	8.18	150.18	2604877.24	222676.77
2185.00	40.80	358.100	2141.55	171.20N	21.64E	6.92	170.61	2604876.64	222697.20
2216.00	43.40	357.900	2164.55	191.97N	20.91E	8.40	191.40	2604875.91	222717.97
2248.00	46.00	358.000	2187.29	214.46N	20.10E	8.13	213.90	2604875.10	222740.46
2279.00	48.90	358.300	2208.25	237.28N	19.37E	9.38	236.73	2604874.37	222763.28
2311.00	50.10	358.600	2229.03	261.61N	18.71E	3.82	261.07	2604873.71	222787.61
2342.00	50.50	358.500	2248.83	285.45N	18.11E	1.31	284.92	2604873.11	222811.45
2374.00	50.70	1.000	2269.15	310.17N	18.00E	6.07	309.64	2604873.00	222836.17
2406.00	52.10	0.400	2289.11	335.18N	18.30E	4.61	334.63	2604873.30	222861.18
2437.00	54.60	358.800	2307.62	360.05N	18.13E	9.07	359.49	2604873.13	222886.05
2469.00	58.00	357.300	2325.37	386.65N	17.21E	11.32	386.11	2604872.21	222912.65
2486.00	59.90	357.000	2334.14	401.19N	16.49E	11.28	400.67	2604871.49	222927.19
2517.00	63.00	356.000	2348.95	428.37N	14.82E	10.39	427.88	2604869.82	222954.37
2549.00	64.30	357.700	2363.15	457.00N	13.25E	6.26	456.54	2604868.25	222983.00
2580.00	67.40	357.900	2375.84	485.26N	12.16E	10.02	484.82	2604867.16	223011.26
2612.00	71.30	357.600	2387.12	515.18N	10.99E	12.22	514.75	2604865.99	223041.18
2643.00	75.30	356.600	2396.03	544.82N	9.48E	13.27	544.43	2604864.48	223070.82
2675.00	78.80	355.800	2403.20	575.94N	7.42E	11.21	575.58	2604862.42	223101.94
2706.00	81.00	355.900	2408.63	606.37N	5.21E	7.10	606.06	2604860.21	223132.37
2738.00	82.70	355.700	2413.17	637.96N	2.89E	5.35	637.70	2604857.89	223163.96
2770.00	83.90	357.700	2416.90	669.69N	1.06E	7.25	669.46	2604856.06	223195.69
2801.00	84.60	358.600	2420.01	700.52N	0.06E	3.67	700.31	2604855.06	223226.52
2833.00	87.30	358.900	2422.27	732.43N	0.63W	8.49	732.22	2604854.37	223258.43
2864.00	88.30	358.600	2423.46	763.40N	1.31W	3.37	763.20	2604853.69	223289.40
2896.00	89.60	358.700	2424.04	795.38N	2.06W	4.07	795.19	2604852.94	223321.38
2928.00	90.40	358.600	2424.04	827.37N	2.82W	2.52	827.19	2604852.18	223353.37
2959.00	89.90	358.700	2423.96	858.36N	3.55W	1.64	858.19	2604851.45	223384.36
2991.00	89.70	358.400	2424.07	890.35N	4.36W	1.13	890.19	2604850.64	223416.35
3023.00	89.90	358.000	2424.19	922.34N	5.36W	1.40	922.19	2604849.64	223448.34
3054.00	90.00	357.900	2424.21	953.32N	6.47W	0.46	953.19	2604848.53	223479.32
3085.00	90.10	357.800	2424.19	984.30N	7.63W	0.46	984.19	2604847.37	223510.30
3117.00	90.30	357.700	2424.07	1016.27N	8.89W	0.70	1016.18	2604846.11	223542.27
3148.00	90.30	357.700	2423.91	1047.25N	10.13W	==>	1047.18	2604844.87	223573.25
3179.00	90.20	357.100	2423.78	1078.21N	11.54W	1.96	1078.17	2604843.46	223604.21
3211.00	90.20	356.800	2423.67	1110.17N	13.24W	0.94	1110.16	2604841.76	223636.17
3243.00	90.00	357.300	2423.61	1142.13N	14.89W	1.68	1142.15	2604840.11	223668.12
3274.00	90.50	357.000	2423.47	1173.09N	16.43W	1.88	1173.14	2604838.57	223699.09
3306.00	90.80	357.000	2423.11	1205.04N	18.11W	0.94	1205.12	2604836.89	223731.04
3337.00	89.20	357.500	2423.11	1236.00N	19.59W	5.41	1236.11	2604835.41	223762.00
3369.00	86.30	358.000	2424.37	1267.95N	20.85W	9.20	1268.08	2604834.15	223793.95
3401.00	85.70	358.100	2426.60	1299.85N	21.93W	1.90	1300.00	2604833.07	223825.85
3432.00	86.20	357.900	2428.79	1330.76N	23.01W	1.74	1330.92	2604831.99	223856.76
3464.00	86.70	358.200	2430.77	1362.68N	24.10W	1.82	1362.86	2604830.90	223888.68
3495.00	86.80	358.300	2432.53	1393.61N	25.05W	0.46	1393.81	2604829.95	223919.61
3527.00	88.10	358.400	2433.95	1425.57N	25.97W	4.07	1425.78	2604829.03	223951.57
3558.00	88.20	358.800	2434.95	1456.54N	26.72W	1.33	1456.76	2604828.28	223982.54
3590.00	88.30	358.400	2435.93	1488.52N	27.50W	1.29	1488.74	2604827.50	224014.52
3621.00	89.70	359.000	2436.47	1519.50N	28.21W	4.91	1519.74	2604826.79	224045.50

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 Calculation method uses Minimum Curvature method
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 Date Printed: 16-Jan-2012

Standard Wellpath Report
 Nadel & Gussman Energy
 Sec 16 - 32S - 9E, Kansas
 Chautauqua County
 Wellbore: DJK 1A-16-32 9H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
3653.00	91.60	359.500	2436.11	1551.50N	28.63W	6.14	1551.73	2604826.37	224077.50
3685.00	91.80	359.100	2435.16	1583.48N	29.02W	1.40	1583.72	2604825.98	224109.48
3716.00	91.20	358.400	2434.35	1614.46N	29.69W	2.97	1614.71	2604825.31	224140.46
3748.00	91.30	358.500	2433.65	1646.44N	30.56W	0.44	1646.70	2604824.44	224172.44
3779.00	90.20	358.300	2433.24	1677.43N	31.42W	3.61	1677.69	2604823.58	224203.43
3810.00	89.70	357.800	2433.27	1708.41N	32.48W	2.28	1708.69	2604822.52	224234.41
3842.00	89.50	357.600	2433.49	1740.38N	33.76W	0.88	1740.69	2604821.24	224266.38
3874.00	91.10	357.800	2433.33	1772.36N	35.05W	5.04	1772.68	2604819.95	224298.36
3906.00	91.70	357.800	2432.54	1804.32N	36.28W	1.87	1804.67	2604818.72	224330.32
3937.00	91.10	357.700	2431.79	1835.29N	37.49W	1.96	1835.66	2604817.51	224361.29
3967.00	91.30	357.400	2431.16	1865.26N	38.77W	1.20	1865.65	2604816.23	224391.26
3998.00	91.60	357.600	2430.37	1896.22N	40.13W	1.16	1896.63	2604814.87	224422.22
4030.00	91.00	357.700	2429.65	1928.18N	41.44W	1.90	1928.62	2604813.56	224454.18
4062.00	91.00	358.100	2429.09	1960.15N	42.61W	1.25	1960.61	2604812.39	224486.15
4093.00	91.10	358.100	2428.52	1991.13N	43.64W	0.32	1991.60	2604811.36	224517.13
4125.00	90.20	357.400	2428.16	2023.11N	44.89W	3.56	2023.60	2604810.11	224549.10
4157.00	89.80	357.300	2428.16	2055.07N	46.37W	1.29	2055.59	2604808.63	224581.07
4188.00	89.50	357.100	2428.35	2086.03N	47.89W	1.16	2086.58	2604807.11	224612.03
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4283.00	90.10	357.900	2428.73	2180.94N	52.03W	1.82	2181.56	2604802.97	224706.94
4315.00	90.10	357.600	2428.68	2212.92N	53.29W	0.94	2213.56	2604801.71	224738.92
4346.00	90.30	357.500	2428.57	2243.89N	54.61W	0.72	2244.55	2604800.39	224769.89
4378.00	90.60	357.200	2428.32	2275.85N	56.09W	1.33	2276.54	2604798.91	224801.85
4409.00	90.70	357.100	2427.97	2306.81N	57.63W	0.46	2307.53	2604797.37	224832.81
4441.00	92.00	357.200	2427.21	2338.76N	59.22W	4.07	2339.51	2604795.78	224864.76
4473.00	92.50	357.100	2425.96	2370.70N	60.81W	1.59	2371.48	2604794.19	224896.70
4516.00	92.50	357.100	2424.08	2413.60N	62.99W	==>	2414.42	2604792.01	224939.60

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MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
4516.00	2424.08	2413.60N	62.99W	Projection to bit @ TD

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CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 246806

Invoice Date: 12/30/2011 Terms: 10/10/30,n/30

Page 1

NADEL AND GUSSMAN, LLC
15 EAST 5TH STREET, SUITE 3200
TULSA OK 74103-4340
(918)583-3333

DJK 1A
32541
12/29/11
16-32S-9E
KS

ACCOUNTS

JAN 05 2012

PAYABLE

Surface

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	65.00	18.8000	1222.00
1107A	PHENOSEAL (M) 40# BAG)	80.00	1.2900	103.20

Sublet Performed	Description	Total
9999-240	CASH DISCOUNT	-144.93
9999-240	CASH DISCOUNT	-132.52

Description	Hours	Unit Price	Total
398 CEMENT PUMP (SURFACE)	1.00	825.00	825.00
398 EQUIPMENT MILEAGE (ONE WAY)	60.00	4.00	240.00
398 CASING FOOTAGE	156.00	.22	34.32
551 MIN. BULK DELIVERY	1.00	350.00	350.00

Amount Due 2884.52 if paid after 01/29/2012

Parts:	1325.20	Freight:	.00	Tax:	99.00	AR	2596.07
Labor:	.00	Misc:	.00	Total:	2596.07		
Sublt:	-277.45	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5289

GILLETTE, WY
307/686-4914



CONSOLIDATED
Oil Well Services, LLC

#246806

TICKET NUMBER 32541
LOCATION B-ville
FOREMAN Jason Bell

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-29-11	5701	DSK 1A	16	32S	9E	CO
CUSTOMER <u>Nat'l + Gussman</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			398	John W		
CITY			551	James D		
STATE						
ZIP CODE						

JOB TYPE Sump HOLE SIZE 12 1/4 HOLE DEPTH _____ CASING SIZE & WEIGHT 9 5/8
 CASING DEPTH 15 1/2 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20ft
 DISPLACEMENT 10.5 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Established circulation with 2 100# sks of gel. Ran 65 sks class A
O.W.C. cement 27 gal 2% gel 6% o.w.c. Displaced and shut in.
- Cement circulated to surface -

X Safety Meeting X
50 JB

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE		825.00
5406	60	MILEAGE		240.00
5407	1	bu truck		350.00
5402	156	footage		34.32
1126	65 sks	O.W.C.	*	1222.00
1107A	80 #	Phone	*	103.20
		10% discount if paid in 30 days = 289.78		
		(2596.07)		
		9.3 % SALES TAX		
		ESTIMATED TOTAL		2894.52

Rev'n 3737

AUTHORIZATION John Spurgeon TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

intermediate

INVOICE

Invoice # 246928

Invoice Date: 01/11/2012 Terms: 10/10/30,n/30 Page 1

NADEL AND GUSSMAN, LLC
15 EAST 5TH STREET, SUITE 3200
TULSA OK 74103-4340
(918) 583-3333

DJK 1A-H2
339000270
01/05/12
KS

ACCOUNTS

JAN 16 2012

PAYABLE

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	125.00	14.9500	1868.75
1101	CAL SEAL	700.00	.4000	280.00
1118B	PREMIUM GEL / BENTONITE	250.00	.2100	52.50
1111	SODIUM CHLORIDE (GRANULA	550.00	.3700	203.50
1110A	KOL SEAL (50# BAG)	650.00	.4600	299.00
3123	DIACEL F1	125.00	13.7500	1718.75
1131	60/40 POZ MIX	70.00	12.5500	878.50
1118B	PREMIUM GEL / BENTONITE	300.00	.2100	63.00
1104S	CLASS "A" CEMENT (SALE)	70.00	14.9500	1046.50
1102	CALCIUM CHLORIDE (50#)	150.00	.7400	111.00
1144	SP-402 (MUD CLEAN AGENT)	5.00	42.0000	210.00

Sublet Performed	Description	Total
9999-240	CASH DISCOUNT	-335.91
9999-240	CASH DISCOUNT	-673.15

	Description	Hours	Unit Price	Total
419	CEMENT PUMP	1.00	1030.00	1030.00
419	EQUIPMENT MILEAGE (ONE WAY)	70.00	4.00	280.00
419	MISC. PUMP (CEMENT TRUCK) MIT WASH	4.00	200.00	800.00
419	CASING FOOTAGE	2496.00	.22	549.12
518	MIN. BULK DELIVERY	2.00	350.00	700.00

Amount Due 10649.35 if paid after 02/10/2012

Parts:	6731.50	Freight:	.00	Tax:	502.86	AR	9584.42
Labor:	.00	Misc:	.00	Total:	9584.42		
Sublt:	-1009.06	Supplies:	.00	Change:	.00		

Signed _____

Date _____

1/4/2012



3390000270

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	NADEL & GUSSMAN	State, County	Chautauqua, Kansas	Cement Type	CLASS A
Customer Acct #	LS	Section	0	Excess (%)	0
Well No.	0	TWP	0	Density	13.8, 14.3
Mailing Address	DJK-1A-H2	RGE	0	Water Required	0
City & State	0	Formation	0	Yield	1.7, 1.68
Zip Code	0	Hole Size	8.75	Slurry Weight	13.8, 14.3
Contact	0	Hole Depth	0	Slurry Volume	0
Email	0	Casing Size	7"	Displacement	95, 23
Cell	0	Casing Depth	2496	Displacement PSI	600
Office	0	Drill Pipe	SJ42.13	MIX PSI	400
Dispatch Location	BARTLESVILLE	Tubing	0	Rate	5, 3

REMARKS

ARRIVE ON LOC AT 11:00PM. START RIGGING UP AT 1:30 AM. RUN 500GALS MUD FLUSH, FOLLOWED BY 500GALS H2O. RUN 125 SX CLASS A WITH 6% OWC 2% GEL 10% SALT 5# KOL AND 125# DIACEL FL. TOOL MAN DROPPED WIPER AND WE DISPL. 95 BBLs TO SET SHOE AT 1100#. TOOL MAN THEN DROPS DART, WE PRESSURE UP TO 1200# TO OPEN TOOL AND EST CIRC. RIG HOOKS UP AND CIRC FOR 3 HRS. WE THEN HOOK BACK UP AND RUN 70 SX 60/40 POZ WITH .25 PHENO FOLLOWED BY 70 SXS 3% CAL. TOOL MAN DROPS LAST PLUG AND WE DISP 23 BBLs TO LAND PLUG. CEMENT TO SURF. THANK YOU APPROX 4-5 BBLs RETURN TO PIT OF CEMENT

Safety Notes
GW JFJL



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

lines

INVOICE

Invoice # 247179

Invoice Date: 01/19/2012 Terms: 10/10/30,n/30

Page 1

NADEL AND GUSSMAN, LLC
15 EAST 5TH STREET, SUITE 3200
TULSA OK 74103-4340
(918) 583-3333

DJK-1A
35661
1/15/12
18-32S-9E
KS

ACCOUNTS
JAN 21 2012
PAYABLE

Part Number	Description	Qty	Unit Price	Total
1115A	TYPE "H" CEMENT (SALE) S	185.00	19.3000	3570.50
1135A	FL- 115 (FLUID LOSS)	140.00	10.5500	1477.00
1111A	SODIUM METASILICATE	230.00	2.0000	460.00
1226	POTASSIUM CHLORIDE (KCL)	900.00	1.1800	1062.00
1144	SP-402 (MUD CLEAN AGENT)	5.00	42.0000	210.00

Sublet Performed	Description	Total
9999-240	CASH DISCOUNT	-320.45
9999-240	CASH DISCOUNT	-677.95

Description	Hours	Unit Price	Total
492 CEMENT PUMP	1.00	1030.00	1030.00
492 EQUIPMENT MILEAGE (ONE WAY)	60.00	4.00	240.00
492 MISC. PUMP (CEMENT TRUCK) MIT WASH	3.00	200.00	600.00
492 CASING FOOTAGE	4475.00	.22	984.50
551 MIN. BULK DELIVERY	1.00	350.00	350.00

*4-06
54A*

Amount Due 10546.70 if paid after 02/18/2012

Parts:	6779.50	Freight:	.00	Tax:	506.43	AR	9492.03
Labor:	.00	Misc:	.00	Total:	9492.03		
Sublt:	-998.40	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914



CONSOLIDATED
Oil Well Services, LLC

#247179

TICKET NUMBER 35661
LOCATION Boyle
FOREMAN Jason Bell

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-15-12	5901	DJK-1A	18	32S	9E	CO
CUSTOMER <u>Udel & Prustman</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			<u>492</u>	<u>Jake</u>		
CITY			<u>551</u>	<u>Tommy</u>		
STATE		ZIP CODE				

JOB TYPE LS HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 4475 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.2 SLURRY VOL 1.46 WATER gal/sk 9.2 CEMENT LEFT in CASING _____
 DISPLACEMENT 69.36 / 38 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Hooked up to well pressure tested to 4000 psi. Released ran 5 bbls joint with
then 10 bbls mud ahead. Ran 185 lbs of class A with 8 FL115 1.4 meter 515 Potassium Chloride.
Shut down washed pump and line clean tool man dropped first plug displaced 69 bbls plug landed
and held at 1000 psi down at 6:40. Pumped tool up to 2000 psi washed 2250. washed 2500 psi washed
pump up to 3250 psi tool opened. Circulated 5 bbls slurry out on 100 bbls flush of fresh
water. Shut down tool man loaded second plug pumped 38 bbls closed
tool at 7:50 at 1500 psi.

[Signature]
J. B. JW

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	60	MILEAGE		240.00
5407	1	bulk truck		350.00
5609	3 hrs	Misc Pump		600.00
5402	4475	footage		984.50
1105A	185 sls	Class A	*	3570.50
1135A	140 #	FL115	*	1477.00
1111A	230 #	Meter boards	*	460.00
1226	900 #	Potassium chloride	*	1062.00
1144	5 gal	Mud Push	*	210.00
10% discount if paid in 30 days = 106.45				
<i>[Signature]</i>				
9492.03				
			9.3 % SALES TAX	506.43
			ESTIMATED	
			TOTAL	10546.70

AUTHORIZATION *[Signature]* TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form