

2015 Royalty Interest for Cheryl Nash
Net Income

Company:	NCRA/CHS	Plains	MV Purchasing	Merit Energy	Samson
15-Jan	0	73.61	0	0	0
15-Feb	0	0	261.39	0	0
15-Mar	0	93.33	174.25	0	106.03
15-Apr	0	0	397.31	0	109.52
15-May	261.88	113.94	136.96	101.36	111.47
15-Jun	77.27	126.45	150.69	0	0
15-Jul	0	0	110.69	6.36	37.6
15-Aug	56.92	105.45	249.55		0
15-Sep		88.57	102.76		0
15-Oct	56.28	0	152.86		0
15-Nov		183.66	0		0
15-Dec			0		0
Net	\$452.35	1015.73	1736.48	107.72	364.62
Gross	452.99	1017.82	1800.43	139.22	463.74

	American Warrior	Pickrel Drilling	Benchmark	Red Cedar
15-Jan	0	0	0	0
15-Feb	0	0	0	0
15-Mar	0	0	0	0
15-Apr	55.77	0	77.2	0
15-May	0	0	0	0
15-Jun	16.41	0	0	0
15-Jul	0	0	98.51	261.61
15-Aug	0	0	0	0
15-Sep	67.73	0	0	0
15-Oct	0	14.94	0	0
15-Nov	0	0	81.24	0
15-Dec	0	0	0	0
Net	139.76	14.94	256.95	261.61
Gross	141.71	15.02	269.16	



432 Oklahoma Blvd, Alva OK 73717 - Ph:580-327-4440 - Fax: 580-327-4441

OIL & GAS INFORMATION RELEASE FORM

I Cheryl Nash (the "Owner") authorize

2000 S Main

CHS McPherson Refinery Inc. NEED ADDRESS McPherson, KS 67460 (the "Operating Company")
to release all information pertaining to my oil & gas mineral interest, including
revenue statements, production records, unit spacing, decimal interest, well
information and lease terms to MineralMarketing.Com.

Legal Description(s):

The Northeast Quarter (NE/4) of Section Seven (7), Township Thirty-One (31) South, Range Eight (8) West.

Southwest Quarter (SW/4) Southeast Quarter (SE/4) Southwest Quarter (SW/4) of Section Eleven (11),
Township Eleven (11) South, Range Thirty (30) West, containing 10 acres more or less.

Cheryl Nash
Owner's Signature

7/12/16
Date

MineralMarketing.Com
432 Oklahoma Blvd
Alva OK 73717
Office (580) 327-4440
Fax (580)-327-4441
Email: info@mineralmarketing.com

ASSIGNMENT OF OVER-RIDING ROYALTY

WHEREAS, the undersigned Jerry Nash
hereinafter called Assignor (whether one or more), for and in consideration of the sum of Ten and More Dollars (\$10.00) cash in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, does hereby grant, bargain, sell, convey, transfer, assign and deliver unto Cheryl Nash
P O Box 8747, Pratt, KS 67124

hereinafter called Assignee (whether one or more) an over-riding royalty in the amount of an undivided .0014782 ORR interest in and to all of the oil, gas and other minerals in and under and that may be produced from the following described lands situated in Harper County, State of Kansas, to wit:

The Northeast Quarter (NE/4) of Section Seven (7), Township Thirty-One (31) South, Range Eight (8) West

during the term of the present valid and subsisting oil & gas lease thereon, free and clear of any and all expenses of any nature whatsoever, except State and Federal Taxes.

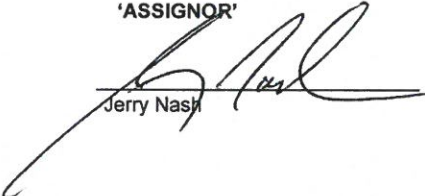
Assignor grants Power of Attorney to Assignee to execute any transfer orders required to effectuate the purpose herein.

Assignor warrants they own the interest assigned free and clear of all mortgages, liens and encumbrances.

This Assignment is effective July 1, 2014.

EXECUTED this 23rd day of September, 2014.

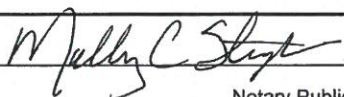
'ASSIGNOR'

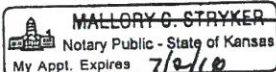

Jerry Nash

STATE Kansas SS: ACKNOWLEDGMENT FOR INDIVIDUAL
COUNTY Pratt

Before me, the undersigned, a Notary Public, within and for said County and State, on the 23rd day of September, 2014, personally appeared Jerry Nash to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year last above written.

My Commission expires 7/2/16 
Notary Public



STATE OF KANSAS, HARPER COUNTY, SS
RHONDA BERRY, REGISTER OF DEEDS
Book: 695 Page: 962
Receipt #: 13349 Total Fees: \$8.00
Pages Recorded: 1
Cashier Initials: ala
Date Recorded: 12/5/2014 8:50:00 AM

GAS DISBURSEMENT
REVISED DIVISION ORDER
NATIONAL COOPERATIVE REFINERY ASSOCIATION

Analyst: adf



Lease Name: **See Exhibit "A"**
Lease Number: **See Exhibit "A"**
Effective Date: **January 1, 2015**

Date: **January 29, 2015**

The undersigned and each of them certifies they are the legal owner of the interest set out below and legally described as:

See Exhibit "A"

Credit To	Interest/Type
211375 Cheryl Nash	See Exhibit "A"
(Interest previously credited to: Jerry Nash O# 59466)	

CONTINUED ON REVERSE

Interest previously credited to: Jerry Nash O# 59466

EXHIBIT "A" - PAGE ONE

<u>LEASE NAME & NUMBER</u>	<u>LEGAL DESCRIPTION</u>	<u>DECIMAL OF INTEREST</u>
Kernohan 1 & 2 - 71130-G	NE4 SEC 07-31S-08W HARPER COUNTY KANSAS	.0014783 ORI
Kernohan 3-7 - 71131-G	SE4 SE4 NE4 SEC 07-31S-08W HARPER COUNTY KANSAS	.0014782 ORI
Kernohan 4-7, 5-7 - 71132-G	NE4 SEC 07-31S-08W HARPER COUNTY KANSAS	.0014782 ORI

AMENDED DIVISION ORDER

TO: COLT RESOURCES CORPORATION
Managed by JN Oil and Gas, Inc.
 P. O. BOX 7167
 BILLINGS, MT 59103-7167



Property Name: See Attached Exhibit "A"

Operator: **Colt Resources Corporation**

Date: **March 28, 2000**
 Well No.: **See Attached Exhibit "A"**
 Effective: **April 1, 2000**

Property Description: Township 31 South, Range 8 West
 Section 7: NE
 Harper County, Kansas

Each of the undersigned certifies, guarantees and warrants that he is the legal owner of, and is entitled to, the interest set out opposite his name as shown below for all purposes, in all of the oil, gas, casinghead gas, condensate and distillate, and each of said products, produced from the well or wells on the property described herein. Until further written notice either from you or from us, the undersigned and all other parties executing this instrument hereby authorize you, your successors or assigns in accordance with applicable governmental rules and regulations to sell and/or deliver oil, gas, casinghead gas, condensate and distillate produced from the property described herein to any purchaser designated by you and to give credit as set forth herein.

SEE ATTACHED EXHIBIT "A" FOR OWNERSHIP INFORMATION.

This division order pertains only to proceeds for gas production.

The covenants and conditions appearing on the reverse side hereof are part of this instrument and shall be binding on each of the undersigned, his successors, legal representatives and assigns.

ASSIGNOR:
Howard J. Carey Testamentary Trust;
Central Bank & Trust, Trustee

ASSIGNEE:

Owner(s) Signature(s):	<u>By: _____</u>	_____
Owner(s) Printed Name(s):	_____	<u>Jerry Nash</u>
Witness/Attest Signature(s):	_____	_____
Owner(s) Address:	<u>101 West Avenue A</u>	<u>30060 N. 281 Highway</u>
	<u>Hutchinson, KS 67501-5407</u>	<u>Pratt, KS 67214-7930</u>
Owner Daytime Telephone:	_____	_____
Owner FAX Number:	_____	_____
Owner(s) Social Security or Tax Identification Number(s):	_____	_____

PLEASE SHOW YOUR CORRECT MAILING ADDRESS AND TAX I.D. NUMBER

INSTRUCTIONS FOR SIGNING:

Sign in ink exactly as your name appears above and have your signature witnessed. If your name is incorrectly stated, return the Division Order with advice as to your correct name. If executing on behalf of a corporation, indicate your official title and impress the corporate seal, attested by the Secretary or Assistant Secretary. Failure to show your Social Security Number or Tax Identification Number may result in our withholding 31% of 1099 reportable payments in compliance with federal law.

EXHIBIT "A"

Kernohan 1-7 (15.077.019)
Kernohan 2-7 (15.077.020)
Kernohan 3-7 (15.077.021)
Kernohan 4-7 (15.077.022)
T31S-R8W, Sec. 7: NE
Harper County, KS

The .00147820 overriding royalty interest previously credited to the Howard J. Carey Testamentary Trust shall hereafter be credited as follows:

<u>Owner Number</u>	<u>Name and Address</u>	<u>Interest</u>
33481	Jerry Nash 30060 N. 281 Highway Pratt, KS 67214-7930	.00147820 ORI

Kansas
Geological
Survey

Oil and Gas


Lease
Oil & Gas
Production

Yearly and monthly production

Save
Monthly
Data to File

KERNOHAN A J UN Lease

Lease: KERNOHAN A J UN

Operator: Atlas Operating LLC

Location: SE SE NE T31S, R8W, Sec. 7

Cumulative Production: 28229.81 barrels (from 1984 to 2015)

KS Dept. of Revenue Lease Code: 121331

KS Dept. of Revenue Lease Name: KERNOHAN #1

[View T1 PDF \(from KCC\)](#)

Field: [Spivey-Grabs-Basil](#)

County: Harper

Producing Zone: Mississippian System

Well Data:

[T31S R8W, Sec. 7, SE SE NE](#)

Lease: A. J. Kernohan Unit 3

Operator: Mobil Oil Corp.

15-077-20948

Annual Oil Production, (bbls)

Year	Production	Wells
Production Charts Flash Chart Java Chart		
1984	2,901	1
1985	3,506	1
1986	2,438	1
1987	2,231	1
1988	1,860	1
1989	1,669	1
1990	1,586	1
1991	1,294	1
1992	1,291	1
1993	1,116	1
1994	970	1
1995	1,033	1
1996	728	4
1997	694	4
1998	676	4
1999	510	4
2000	-	-
2001	361	4

Sample Monthly Oil Production, (bbls)

(Complete production available in file saved
using blue button at top of page.)

Year	Month	Production	Wells	Purchaser
2012	11	139	1	CHS McPherson Refinery Inc (100%)
2014	3	137.4	1	CHS McPherson Refinery Inc (100%)
2015	9	153.15	1	CHS McPherson Refinery Inc (100%)

2002	176	4
2003	509	4
2004	354	4
2005	329	4
2006	328	4
2007	341	4
2008	475	8
2009	164	8
2010	262	8
2011	-	-
2012	139	1
2013	-	-
2014	137	1
2015	153	1

Updated through 9-2015.

Note: bbls is barrels; mcf is 1000 cubic feet.

Pre-1987 cumulative data and monthly volume data is provided under license agreement to the KGS by IHS Energy. As such, it may be reviewed and used for public service and research purposes. It may not be downloaded or used for purposes of re-packaging, reselling or dissemination to third parties.

Kansas Geological Survey

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Field/lease.html>

Programs Updated May 27, 2014

Data from Kansas Dept. of Revenue files monthly.

KERNOHAN 2 Lease

Lease: KERNOHAN 2**Operator:** Atlas Operating LLC**Location:** NE NW NE T31S, R9W, Sec. 7**Cumulative Production:** 1716129 mcf (from 1968 to 2016)**KS Dept. of Revenue Lease Code:** 204813**KS Dept. of Revenue Lease Name:** KERNOHAN 2[View T1 PDF \(from KCC\)](#)**Field:** [Spivey-Grabs-Basil](#)**County:** Harper**Producing Zone:** Mississippian System**Well Data:**

T31S R8W, Sec. 7, C NE NE NE Lease: A. J. Kernohan Unit 1 Operator: Republic Natural Gas Co. 15-077-10065	T31S R8W, Sec. 7, NE NW NE Lease: A. J. Kernohan Unit 2 Operator: REPUBLIC NATURAL GAS CO 15-077-10140
T31S R8W, Sec. 7, C SW NE NE Lease: Kernohan 7-7 Operator: Pioneer Exploration, Ltd. 15-077-21511	

Cumulative production pre-1969 is 650143Annual Gas Production,
(mcf)

Year	Production	Wells
Production Charts Flash Chart Java Chart		
1969	117,136	1
1970	92,292	1
1971	48,231	1
1972	47,194	1
1973	58,391	1
1974	43,612	1
1975	37,945	1
1976	39,927	1
1977	28,634	1
1978	42,771	1
1979	34,602	1
1980	22,340	1
1981	27,522	1

Sample Monthly Gas Production, (mcf)

(Complete production available in file saved
using blue button at top of page.)

Year	Month	Production	Wells	Purchaser
2012	1	797	1	KANSAS GAS SERVICE INC (100%)
2012	2	706	1	KANSAS GAS SERVICE INC (100%)
2012	3	766	1	KANSAS GAS SERVICE INC (100%)
2012	4	576	1	KANSAS GAS SERVICE INC (100%)
2012	5	637	1	KANSAS GAS SERVICE INC (100%)
2012	6	189	1	KANSAS GAS SERVICE INC (100%)
2012	7	408	1	KANSAS GAS SERVICE INC (100%)
2012	8	855	1	KANSAS GAS SERVICE INC (100%)
2012	9	841	1	KANSAS GAS SERVICE INC (100%)

1982	30,476	1
1983	33,492	1
1984	14,886	1
1985	19,713	1
1986	2,091	1
1987	5,730	1
1988	4,810	1
1989	5,483	1
1990	11,853	1
1991	10,379	1
1992	12,161	1
1993	16,688	1
1994	16,099	1
1995	17,681	1
1996	16,850	1
1997	15,130	1
1998	15,760	1
1999	14,381	1
2000	13,951	1
2001	13,483	1
2002	13,517	1
2003	12,179	1
2004	11,852	1
2005	11,654	1
2006	11,817	1
2007	10,853	1
2008	10,323	1
2009	3,555	1
2010	9,033	1
2011	8,270	1
2012	8,087	1
2013	8,170	1
2014	7,044	1
2015	6,817	1
2016	1,121	1

Updated through 4-2016.

Note: bbls is barrels; mcf is 1000 cubic feet.

2012	10	725	1	KANSAS GAS SERVICE INC (100%)
2012	11	822	1	KANSAS GAS SERVICE INC (100%)
2012	12	765	1	KANSAS GAS SERVICE INC (100%)
2013	1	777	1	KANSAS GAS SERVICE INC (100%)
2013	2	679	1	KANSAS GAS SERVICE INC (100%)
2013	3	481	1	KANSAS GAS SERVICE INC (100%)
2013	4	211	1	KANSAS GAS SERVICE INC (100%)
2013	5	877	1	KANSAS GAS SERVICE INC (100%)
2013	6	775	1	KANSAS GAS SERVICE INC (100%)
2013	7	771	1	KANSAS GAS SERVICE INC (100%)
2013	8	718	1	KANSAS GAS SERVICE INC (100%)
2013	9	730	1	KANSAS GAS SERVICE INC (100%)
2013	10	726	1	KANSAS GAS SERVICE INC (100%)
2013	11	715	1	KANSAS GAS SERVICE INC (100%)
2013	12	710	1	KANSAS GAS SERVICE INC (100%)
2014	1	737	1	KANSAS GAS SERVICE INC (100%)
2014	2	692	1	KANSAS GAS SERVICE INC (100%)
2014	3	301	1	KANSAS GAS SERVICE INC (100%)
2014	4	671	1	KANSAS GAS SERVICE INC (100%)
2014	5	745	1	KANSAS GAS SERVICE INC (100%)
2014	6	699	1	KANSAS GAS SERVICE INC (100%)
2014	7	623	1	KANSAS GAS SERVICE INC (100%)
2014	8	205	1	KANSAS GAS SERVICE INC (100%)

2014	9	190	1	KANSAS GAS SERVICE INC (100%)
2014	10	580	1	KANSAS GAS SERVICE INC (100%)
2014	11	791	1	KANSAS GAS SERVICE INC (100%)
2014	12	810	1	KANSAS GAS SERVICE INC (100%)
2015	1	776	1	KANSAS GAS SERVICE INC (100%)
2015	2	670	1	KANSAS GAS SERVICE INC (100%)
2015	3	742	1	KANSAS GAS SERVICE INC (100%)
2015	4	717	1	KANSAS GAS SERVICE INC (100%)
2015	5	724	1	KANSAS GAS SERVICE INC (100%)
2015	6	671	1	KANSAS GAS SERVICE INC (100%)
2015	7	681	1	KANSAS GAS SERVICE INC (100%)
2015	8	679	1	KANSAS GAS SERVICE INC (100%)
2015	9	596	1	KANSAS GAS SERVICE INC (100%)
2015	10	366	1	KANSAS GAS SERVICE INC (100%)
2015	11	105	1	KANSAS GAS SERVICE INC (100%)
2015	12	90	1	KANSAS GAS SERVICE INC (100%)
2016	1	249	1	KANSAS GAS SERVICE INC (100%)
2016	2	219	1	KANSAS GAS SERVICE INC (100%)
2016	3	237	1	KANSAS GAS SERVICE INC (100%)
2016	4	416	1	KANSAS GAS SERVICE INC (100%)

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KGS**Oil and Gas
Well
Database****Specific Well--15-077-20948****Oil & Gas****All Well Data**

API: 15-077-20948 KID: 1006070497 Lease: A. J. Kernohan Unit Well: 3 Original operator: Mobil Oil Corp. Current operator: Atlas Operating LLC Field: Spivey-Grabs-Basil Location: T31S R8W, Sec. 7 SE SE NE 2970 North, 330 West, from SE corner Longitude: -98.2228214 Latitude: 37.3635866 Lat-long calculated from footages County: Harper	Permit Date: Oct-06-1983 Spud Date: Mar-05-1984 Completion Date: Apr-24-1984 Plugging Date: Well Type: OIL Status: Producing Total Depth: 4502 Elevation: 1681 KB Producing Formation: Mississippian IP Oil (bbl): IP Water (bbl): IP GAS (MCF): KDOR code for Oil: 121331 KCC Docket No.:
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

[View well on interactive map](#)

ACO-1 and Driller's Logs**PDF files from the KGS**

- [ACO-1 Form](#)

Documents from the KCC

- [Intent To Drill Well](#) (received by KGS Oct 06, 1983)
- [Well Completion Report](#) (received by KGS Apr 24, 1984)
- [Oil Productivity Test and GOR Report](#) (received by KGS Apr 24, 1984)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Apr 24, 1984)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Apr 24, 1984)

For information on software to view and use the files we distribute on our web pages, please view our [File Format Tools](#) page.

Wireline Log Header Data

Logger: Welex
Tool: Computer Analyzed Log
Operator on log: MOBIL OIL CORPORATION
Top: 3500; **Bottom:** 4480
Log Date: Mar-12-1984
BHT: F
Gamma Ray:

Spontaneous Potential: Holdings at: Lawrence
Logger: Welex Tool: Micro Seismogram Log Cased Hole Operator on log: MOBIL OIL CORPORATION Top: 3300; Bottom: 4448 Log Date: Apr-24-1984 BHT: 122F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence
Logger: Welex Tool: Gamma Guard Forxo Operator on log: MOBIL EXPL Top: 290; Bottom: 4501 Log Date: Mar-12-1984 BHT: 123F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence
Logger: Welex Tool: Compensated Acoustic Velocity Operator on log: MOBIL EXPL Top: 290; Bottom: 4496 Log Date: Mar-12-1984 BHT: 123F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence
Logger: Welex Tool: Dual Induction Guard Log Operator on log: MOBIL EXPL Top: 0; Bottom: 4469 Log Date: Mar-12-1984 BHT: 123F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence
For information on software to view and use the files we distribute on our web pages, please view our File Format Tools page.

Cuttings Data

Box Number: B0667 Starting Depth: 1030 Ending Depth: 3660 Skips: 2400-2500; 3010-30; 3380-9
Box Number: B0668 Starting Depth: 3660 Ending Depth: 4500

Tops Data

Formation (source name)	Top	Base	Source	Updated
Heebner Shale Member (HEEBNER)	3457			Apr-15-1999
Lansing Group (LANSING)	3652			Apr-15-1999
Kansas City Group (KANSAS CITY)	3938			Apr-15-1999
Stark Shale Member (STRK SH)	4088			Apr-15-1999
Cherokee Group (CHEROKEE)	4326			Apr-15-1999
Mississippian System (MISS SYS)	4416			Apr-15-1999

Oil Production Data

[This well has been linked to an oil lease.](#)

Information from Outside Sources

Please note: The link below takes you away from the web site of the Kansas Geological Survey to the website of the Kansas Geological Society, a library in Wichita. The Survey can not help with information presented by the Walters Digital Library.


[From Kansas Geological Society's Walters Digital Library](#)

[Kansas Geological Survey](#), Oil and Gas Well Database

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Qualified/index.html>

Well Display Program Updated Jan. 2008. Data added continuously.

Kansas
Geological
SurveyOil and Gas
Lease
Oil & Gas
Production

Yearly and monthly production

Save
Monthly
Data to File

KERNOHAN 3 Lease

Lease: KERNOHAN 3**Operator:** Atlas Operating LLC**Location:** T31S, R8W, Sec. 7**Cumulative Production:** 7360.98 barrels (from 2001 to 2015)**KS Dept. of Revenue Lease Code:** 135361**KS Dept. of Revenue Lease Name:** KERNOHAN #3**Field:** [Spivey-Grabs-Basil](#)**County:** Harper**Producing Zone:**Annual Oil Production,
(bbls)

Year	Production	Wells
Production Charts Flash Chart Java Chart		
2001	470	1
2002	790	1
2003	645	1
2004	444	1
2005	616	1
2006	638	1
2007	475	1
2008	803	1
2009	319	1
2010	310	1
2011	318	1
2012	293	1
2013	159	1
2014	618	1
2015	461	1

Updated through 9-2015.

Note: bbls is barrels; mcf is 1000 cubic feet.

Sample Monthly Oil Production, (bbls)

(Complete production available in file saved
using blue button at top of page.)

Year	Month	Production	Wells	Purchaser
2012	2	142.14	1	CHS McPherson Refinery Inc (100%)
2012	8	151.19	1	CHS McPherson Refinery Inc (100%)
2013	3	158.85	1	CHS McPherson Refinery Inc (100%)
2014	3	146.05	1	CHS McPherson Refinery Inc (100%)
2014	6	154.68	1	CHS McPherson Refinery Inc (100%)
2014	8	159.6	1	CHS McPherson Refinery Inc (100%)
2014	10	158.06	1	CHS McPherson Refinery Inc (100%)
2015	1	151.32	1	CHS McPherson Refinery Inc (100%)
2015	6	159.02	1	CHS McPherson Refinery Inc (100%)
2015	9	151.13	1	CHS McPherson Refinery Inc (100%)

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KGS

Oil and Gas
Well
Database

Specific Well--15-077-21272

Oil & Gas

All Well Data

API: 15-077-21272 KID: 1006071105 Lease: Kernohan Well: 4-7 Original operator: Energy Marketing, Inc. Current operator: Atlas Operating LLC Field: Spivey-Grabs-Basil Location: T31S R8W, Sec. 7 NE SW NE 1650 South, 1525 West, from NE corner Longitude: -98.2269453 Latitude: 37.3652216 Lat-long calculated from footages County: Harper	Permit Date: Oct-06-1993 Spud Date: Nov-10-1993 Completion Date: Dec-29-1993 Plugging Date: Well Type: OIL Status: Producing Total Depth: 4520 Elevation: 1664 KB Producing Formation: Mississippian IP Oil (bbl): 15 IP Water (bbl): 9 IP GAS (MCF): 60 KDOR code for Oil: 132574 KCC Docket No.:
View well on interactive map	

ACO-1 and Driller's Logs

PDF files from the KGS <ul style="list-style-type: none"> • ACO-1 Form
Documents from the KCC <ul style="list-style-type: none"> • Intent To Drill Well (received by KGS Oct 06, 1993) • Well Completion Report (received by KGS Dec 29, 1993) • One Point Stabilized Open Flow Deliverability Test (received by KGS Dec 29, 1993) • One Point Stabilized Open Flow Deliverability Test (received by KGS Dec 29, 1993)
<p>For information on software to view and use the files we distribute on our web pages, please view our File Format Tools page.</p>

Wireline Log Header Data

Logger: Great Guns Tool: Dual Compensated Porosity Log Operator on log: E.M.I. COLT RESOURCES Top: 3000; Bottom: 4500 Log Date: Nov-15-1993 BHT: 118F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence

Logger: Geologist's Report
Tool: Drilling Time and Sample Log
Operator on log E.M.I. COLT RESOURCES
Top: 1500; **Bottom:** 4466
Log Date: Nov-15-1993
BHT: F
Gamma Ray:
Spontaneous Potential:
Holdings at: Lawrence

Logger: Halliburton
Tool: Gamma Ray Casing Collar
Operator on log E.M.I. COLT RESOURCES
Top: 4250; **Bottom:** 4483
Log Date: Nov-15-1993
BHT: 118F
Gamma Ray: Y
Spontaneous Potential:
Holdings at: Lawrence

Logger: Great Guns
Tool: Dual Induction Log
Operator on log E.M.I. COLT RESOURCES
Top: 0; **Bottom:** 4520
Log Date: Nov-15-1993
BHT: 118F
Gamma Ray: Y
Spontaneous Potential: Y
Holdings at: Lawrence

For information on software to view and use the files we distribute on our web pages, please view our [File Format Tools](#) page.

Cuttings Data

Box Number: D1296
Starting Depth: 3600
Ending Depth: 4520

Tops Data

Formation (source name)	Top	Base	Source	Updated
Cherokee Group (CHEROKEE)	4304			Apr-15-1999
Mississippian System (MISS SYS)	4384			Apr-15-1999

Oil Production Data

[This well has been linked to an oil lease.](#)

Information from Outside Sources

KGS

Oil and Gas
Well
Database

Specific Well--15-077-21489

Oil & Gas

All Well Data

API: 15-077-21489**KID:** 1031523297**Lease:** Kernohan**Well:** 5-7**Original operator:** Pioneer Exploration, Ltd.**Current operator:** Atlas Operating LLC**Field:** Spivey-Grabs-Basil**Location:** T31S R8W, Sec. 7

C E2 E2 NE

1320 South, 330 West, from NE corner

Longitude: -98.2228378**Latitude:** 37.3661489

Lat-long calculated from footages

County: Harper**Permit Date:** Jul-19-2004**Spud Date:** Jul-27-2004**Completion Date:** Oct-05-2004**Plugging Date:****Well Type:** GAS**Status:** Producing**Total Depth:** 4520**Elevation:** 1675 KB**Producing Formation:** Mississippian**IP Oil (bbl):** 1.3**IP Water (bbl):** 30**IP GAS (MCF):** 60**KDOR code for Gas:** [211727](#)**KCC Docket No.:**

Changed lease name to match intent to drill. On the intent the 'm' were so close to each other, they looked like an 'M' so the lease name spelling we got from the KCC was 'Kemohan.' MCM 9-9-04

[View well on interactive map](#)

ACO-1 and Driller's Logs

Documents from the KCC

- [Intent To Drill Well](#) (received by KGS Jul 19, 2004)
- [Well Completion Report](#) (received by KGS Oct 05, 2004)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Oct 05, 2004)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Jun 21, 2012)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Oct 21, 2013)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Oct 05, 2004)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Oct 05, 2004)
- [One Point Stabilized Open Flow Deliverability Test](#) (received by KGS Oct 05, 2004)

For information on software to view and use the files we distribute on our web pages, please view our [File Format Tools](#) page.

Wireline Log Header Data

Logger: Log-Tech**Tool:** Dual Induction Log**Operator on log:** Pioneer Exploration, Ltd.

- [Download Black and White Scan](#) (Zip size: 3.9 megs)

Top: 300; Bottom: 4517 Log Date: Aug-04-2004 BHT: 121F Gamma Ray: Y Spontaneous Potential: Y Holdings at: Lawrence	
Logger: Geologist's Report Tool: Drilling Time and Sample Log Operator on log Pioneer Exploration, Ltd. Top: 2200; Bottom: 4520 Log Date: Aug-04-2004 BHT: F Gamma Ray: Spontaneous Potential: Holdings at: Lawrence	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 2.3 megs)
For information on software to view and use the files we distribute on our web pages, please view our File Format Tools page.	

Tops Data

Formation (source name)	Top	Base	Source	Updated
Wabaunsee Group (Wabaunsee)	2484		ACO-1/Driller's Log	Jul-19-2005
Howard Limestone Formation (Howard)	2915		ACO-1/Driller's Log	Jul-19-2005
Topeka Limestone Formation (Topeka)	3046		ACO-1/Driller's Log	Jul-19-2005
Heebner Shale Member (Heebner)	3446		ACO-1/Driller's Log	Jul-19-2005
Lansing Group (Lansing)	3637		ACO-1/Driller's Log	Jul-19-2005
Stark Shale Member (Stark Shale)	4073		ACO-1/Driller's Log	Jul-19-2005
Cherokee Group (Cherokee)	4308		ACO-1/Driller's Log	Jul-19-2005
Mississippian System (Mississippian)	4386		ACO-1/Driller's Log	Jul-19-2005

Gas Production Data

[This well has been linked to a gas lease.](#)

Information from Outside Sources

Please note: The link below takes you away from the web site of the Kansas Geological Survey to the website of the Kansas Geological Society, a library in Wichita. The Survey can not help with information presented by the Walters Digital Library.

[From Kansas Geological Society's Walters Digital Library](#)

Wolf

ASSIGNMENT OF OVER-RIDING ROYALTY

WHEREAS, the undersigned Jerry Nash
hereinafter called Assignor (whether one or more), for and in consideration of the sum of Ten and More Dollars (\$10.00) cash in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, does hereby grant, bargain, sell, convey, transfer, assign and deliver unto Cheryl Nash
P O Box 8747, Pratt, KS 67124

hereinafter called Assignee (whether one or more) an over-riding royalty in the amount of an undivided .0273437 ORRI interest in and to all of the oil, gas and other minerals in and under and that may be produced from the following described lands situated in Gove County, State of Kansas, to wit:

Southwest Quarter (SW/4) Southeast Quarter (SE/4) Southwest Quarter (SW/4) of Section Eleven (11), Township Eleven (11) South, Range Thirty (30) West, containing 10 acres more or less,

during the term of the present valid and subsisting oil & gas lease thereon, free and clear of any and all expenses of any nature whatsoever, except State and Federal Taxes.

Assignor grants Power of Attorney to Assignee to execute any transfer orders required to effectuate the purpose herein.

Assignor warrants they own the interest assigned free and clear of all mortgages, liens and encumbrances.

This Assignment is effective July 1, 2014.

EXECUTED this 23rd day of September, 2014.

'ASSIGNOR'

Jerry Nash

STATE Kansas
COUNTY Pratt

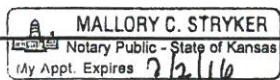
SS: ACKNOWLEDGMENT FOR INDIVIDUAL

Before me, the undersigned, a Notary Public, within and for said County and State, on the 23rd day of September, 2014, personally appeared Jerry Nash to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year last above written.

My Commission expires 7/2/16

Mallory C. Stryker
Notary Public



STATE OF KANSAS, GOVE COUNTY SS
REGISTER OF DEEDS
Book: 191 Page: 70B

Receipt #: 20021
Pages Recorded: 1

Recording Fee: \$8.00
Christy L. Tuttle

REVISED DIVISION ORDER

National Cooperative Refinery Association

Analyst: adf

Lease Name: SEE EXHIBIT "A"
Lease Number: SEE EXHIBIT "A"
Effective Date: January 1, 2015

Date: January 29, 2015

The undersigned and each of them certifies they are the legal owner of the interest set out below of all the oil and related liquid hydrocarbons produced from the property legally described as:

**FOR A LEGAL DESCRIPTION
SEE EXHIBIT "A" ATTACHED
AND HERETO MADE A PART
OF THIS DIVISION ORDER**

Credit To	Interest/Type
211375 Cheryl Nash	See Exhibit "A"

(Interest previously credited to: JERRY NASH O# 59466)

CONTINUED ON REVERSE

Interest previously credited to: JERRY NASH O# 59466

A - Cheryl Nash

EXHIBIT "A" - Page 1 of 1

<u>Lease Name & Number</u>	<u>Legal Description</u>	<u>Decimal of Interest</u>
Wolf - 11041	SEC 11 TWP 11S RNG 30W GOVE COUNTY, KANSAS	0.0273437 ORRI - A
KERNOHAN 1 & 2 - 71130	NE4 NE4 NE4 SEC 07 TWP 31S RNG 08W HARPER COUNTY, KANSAS	0.0014783 ORRI - A
KERNOHAN 3-7 - 71131	SE4 SE4 NE4 SEC 07 TWP 31S RNG 08W HARPER COUNTY, KANSAS	0.0014782 ORRI - A
KERNOHAN 4-7,5- - 71132	NE4 SW4 NE4 SEC 07 TWP 31S RNG 08W HARPER COUNTY, KANSAS	0.0014782 ORRI - A

**YOU MAY KEEP
THIS COPY FOR
YOUR RECORDS**

REVISED DIVISION ORDER

NATIONAL COOPERATIVE REFINERY ASSOCIATION

Analyst: adg



Lease Name: **SEE EXHIBIT "A"**
Lease Number: **SEE EXHIBIT "A"**
Effective Date: **April 1, 1998**

Date: May 26, 1998

The undersigned and each of them certifies they are the legal owner of the interest set out below of all the oil and related liquid hydrocarbons produced from the property legally described as:

**FOR A LEGAL DESCRIPTION
SEE EXHIBIT "A" ATTACHED
AND HERETO MADE A PART
OF THIS DIVISION ORDER**

Credit To	Interest/Type
Jerry Nash	See Exhibit "A"

(Interest previously credited to: Karon R. Mitchell, O# 57525, and Overriding Suspense)

CONTINUED ON REVERSE

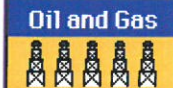
**Interest previously credited to: Karon R. Mitchell, O# 57525, and Overriding
Suspense**

EXHIBIT "A" - PAGE ONE

<u>LEASE NAME & NUMBER</u>	<u>LEGAL DESCRIPTION</u>	<u>DECIMAL OF INTEREST</u>
WOLF - 11041	Sec. 11-11S-30W Gove County, Kansas	.0273437 ORI
STEFFEN - 60008	Sec. 4-21S-20W Pawnee County, Kansas	.0273437 ORI
TREMBLEY - 91323	West 20 acres of SW/4 SE/4 SE/4 Sec. 33-25S-8E Reno County, Kansas	.0273438 ORI

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Kansas
Geological
Survey



Lease
Oil & Gas
Production

Yearly and monthly production

Save
Monthly
Data to File

WOLF Lease

Lease: WOLF

Operator: Falcon Exploration, Inc.

Location: SW SE SW T11S, R30W, Sec. 11

Cumulative Production: 11033.6 barrels (from 1994 to 2016)

KS Dept. of Revenue Lease Code: 132569

KS Dept. of Revenue Lease Name: WOLF

Field: [Verhoeff South](#)

County: Gove

Producing Zone:

Comments: 01/1994 and 02/1994 came off PI/BEENE #240059 originally. 09/09/2001-KKL. The 01/1994 and 02/1994 were reported *10 originally on DOR #132552 and w/o a Sec-Twp-Ran value. 09/25/01-KKL.

Well Data:

[T11S R30W, Sec. 11, SE SW SE SW](#)

Lease: WOLF 1

Operator: Falcon Exploration

15-063-21459

Annual Oil Production, (bbls)

Year	Production	Wells
Production Charts Flash Chart Java Chart		
1994	2,103	1
1995	1,174	1
1996	838	-
1997	687	-
1998	491	1
1999	700	1
2000	534	1
2001	525	1
2002	356	1
2003	341	1
2004	504	1
2005	328	1
2006	163	1
2007	324	1
2008	164	1
2009	334	1
2010	164	1

Sample Monthly Oil Production, (bbls)

(Complete production available in file saved
using blue button at top of page.)

Year	Month	Production	Wells	Purchaser
2012	5	163.52	1	CHS McPherson Refinery Inc (100%)
2013	4	156.73	1	CHS McPherson Refinery Inc (100%)
2013	6	6.68	1	CFMI LLC (100%)
2013	12	159.11	1	CHS McPherson Refinery Inc (100%)
2014	7	162.53	1	CHS McPherson Refinery Inc (100%)
2015	4	161.49	1	CHS McPherson Refinery Inc (100%)
2016	1	162.31	1	CHS McPherson Refinery Inc (100%)

2011	331	1
2012	164	1
2013	323	1
2014	163	1
2015	161	1
2016	162	1

Updated through 1-2016.

Note: bbls is barrels; mcf is 1000 cubic feet.

Pre-1987 cumulative data and monthly volume data is provided under license agreement to the KGS by IHS Energy. As such, it may be reviewed and used for public service and research purposes. It may not be downloaded or used for purposes of re-packaging, reselling or dissemination to third parties.

Kansas Geological Survey

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Field/lease.html>

Programs Updated May 27, 2014

Data from Kansas Dept. of Revenue files monthly.

KGS
Oil & Gas
Oil and Gas Well Database

Specific Well--15-063-21459

All Well Data

API: 15-063-21459 KID: 1006057888 Lease: WOLF Well: 1 Original operator: Falcon Exploration Current operator: Falcon Exploration, Inc. Field: Verhoeff South Location: T11S R30W, Sec. 11 SE SW SE SW 330 North, 3581 West, from SE corner Longitude: -100.6211618 Latitude: 39.1053685 Lat-long calculated from footages County: Gove	Permit Date: Sep-13-1993 Spud Date: Sep-14-1993 Completion Date: Jan-07-1994 Plugging Date: Well Type: OIL Status: Producing Total Depth: 4650 Elevation: 2881 KB Producing Formation: Lansing, Kansas City IP Oil (bbl): 45 IP Water (bbl): 15 IP GAS (MCF): KDOR code for Oil: 132569 KCC Docket No.:
View well on interactive map	

ACO-1 and Driller's Logs

<p>PDF files from the KGS</p> <ul style="list-style-type: none"> • DST Report • ACO-1 Form
<p>Documents from the KCC</p> <ul style="list-style-type: none"> • Intent To Drill Well (received by KGS Sep 13, 1993) • Well Completion Report (received by KGS Jan 07, 1994)
<p>For information on software to view and use the files we distribute on our web pages, please view our File Format Tools page.</p>

Wireline Log Header Data

Logger: Atlas Wireline Services Tool: Dual Induction Focused Log Gamma Ray Operator on log: Falcon Exploration Co. Top: 342; Bottom: 4650 Log Date: Sep-23-1993 BHT: 114F Gamma Ray: Y Spontaneous Potential: Y Holdings at: Lawrence	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 2.9 megs)
Logger: Atlas Wireline Services Tool: BHC Acoustilog Gamma Ray Operator on log: Falcon Exploration Co.	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 2.3 megs)

<p>Top: 342; Bottom: 4650 Log Date: Sep-23-1993 BHT: 114F Gamma Ray: Y Spontaneous Potential: Y Holdings at: Lawrence</p>	
<p>Logger: Atlas Wireline Services Tool: Minilog Gamma Ray Operator on log: Falcon Exploration Co. Top: 3300; Bottom: 4650 Log Date: Sep-23-1993 BHT: 114F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence</p>	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 1.1 megs)
<p>Logger: Atlas Wireline Services Tool: Z-Densilog Compensated Neutron Gamma Ray Minilog Operator on log: Falcon Exploration Co. Top: 3300; Bottom: 4650 Log Date: Sep-23-1993 BHT: 114F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence</p>	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 1.9 megs)
<p>Logger: Atlas Wireline Services Tool: Caliper Log Gamma Ray Operator on log: Falcon Exploration Co. Top: 342; Bottom: 4650 Log Date: Sep-23-1993 BHT: 114F Gamma Ray: Y Spontaneous Potential: Holdings at: Lawrence</p>	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 1.2 megs)
<p>Logger: Geologist's Report Tool: Drilling Time and Sample Log Operator on log: Falcon Exploration Co. Top: 3300; Bottom: 4650 Log Date: Sep-23-1993 BHT: F Gamma Ray: Spontaneous Potential: Holdings at: Lawrence</p>	<ul style="list-style-type: none"> • Download Black and White Scan (Zip size: 809 k)
<p>For information on software to view and use the files we distribute on our web pages, please view our File Format Tools page.</p>	

Cuttings Data

Box Number: D1153
Starting Depth: 2300

Ending Depth: 4650 Skips: 2450-3300, 3618-30, 4388-4400, 4425-40

Tops Data

Formation (source name)	Top	Base	Source	Updated
Stone Corral Formation (Anhydrite)	2382	2410	ACO-1/Driller's Log	Sep-02-2004
Heebner Shale Member (HEEBNER)	3888		ACO-1	Apr-15-1999
Lansing Group (LANSING)	3927		ACO-1	Apr-15-1999
Cherokee Group (CHEROKEE)	4423		ACO-1	Apr-15-1999
Mississippian System (MISS SYS)	4482		ACO-1	Apr-15-1999
Osagean Stage (Mississippi Osage)	4540		ACO-1/Driller's Log	Sep-02-2004
Lansing - Kansas City Supergroup (Lansing Kansas City)		4199	ACO-1/Driller's Log	Sep-02-2004

DST Data

Scans Available

Oil Production Data

[This well has been linked to an oil lease.](#)

Information from Outside Sources

Please note: The link below takes you away from the web site of the Kansas Geological Survey to the website of the Kansas Geological Society, a library in Wichita. The Survey can not help with information presented by the Walters Digital Library.

[From Kansas Geological Society's Walters Digital Library](#)

[Kansas Geological Survey](#), Oil and Gas Well Database

Comments to webadmin@kgs.ku.edu

URL=<http://www.kgs.ku.edu/Magellan/Qualified/index.html>

Well Display Program Updated Jan. 2008. Data added continuously.