

2023 OIL ASSESSMENT RENDITION

MORMEG LLC

% HAAS PETROLEUM LLC

PO BOX 8396

PRAIRIE VILLAGE KS 66208

Greenwood County, Kansas

OCTOBER 12, 2023

Received 03/30/2023 Worked 04/04/2023

Printed with Patriot OG by Thomson Reuters (rev 01/2013)

County ID 002604

Operator ID

KDOR ID# 102555

Well API #

Property: GRIBLIN B

Section I - Location of Property (required)				Section VII - Abstract Value (for appraiser's use only)					
Descr. OPERATOR: MORMEG LLC				Rate Pen Appraised Assessed Penalty Total					
NE4				Working Interest %					
Sec 21 Twp 23 Rng 13				Prescribed Equipment 25 11155 2789 2789					
Twp/City LANE TWP				Itemized Equipment 30 %					
Tax Unit 058 School Dist 245				Royalty & ORRI Int 30 19157 5747 5747					
				Total 30312 8536 8536					
Section II - Lease data (required)				WI: .84500000 RI: .15500000					
Producing wells: Oil: 5 Sub: Gas: Non-Prod: Shut In: SWD: 1 TA: 5 Inj: 4 WS: Total: 15									
Secondary Recovery: Y KCC Permit: CR-8090 Water Disp: Tank Batteries: 1									
SPUD Date: 01/01/1875 Depth: 1675 Horiz: Depth: Formation: MISS / VIOLA / SIMPSON									
Comp Date: SWD: 1675 Oil Purchaser: COFFEYVILLE RESOURCE									
Oil Gravity: 35.00 Water Production (%): 98 BPD: 10 E CAMBRIDGE CIR DR #250 KANSAS CITY KS 66103-1334									
Section IV - Production data (required)				Notation					
Month	2022 Oil	Gas	2021 Oil						
January									
February									
March	77		2018						
April			1587						
May	104								
June	70		2019						
July			1604						
August	74								
September	75		2020	Lease receives eastern KS posted price YES (Yes/No)					
October	73		1154	Severance Exempt # A-04 Prop Tax Exempt # 92-7405-TX					
November	73			Casinghead Gas Production					
December	74		2021	X X .8000 = / 66.25 =					
Annual Production	620		147	Production MCF Price MAF Income \$ Bbl Oil Bbl Oil					
Casinghead Gas (Cvt Bbls)		1.698 BOPD/Lease		Gatherer					
Total Annual Production	620	.339 BOPD/Well							
Annual Decline		%							
Section V - Gross Reserve Calculations				A. Schedule		B. Owner		C. Appraiser	
1. Total Amount (Bbls) Production				620					
2. Net Price as of Jan. 1				\$66.25					
3. Estimated Gross Income Stream				\$41,075					
4. Present Worth Factor				3.009					
5. Estimated Gross Reserve Value				\$123,595					
Section VI - Gross Reserve Value X Decimal Interest									
1. Royalty & ORRI Int Valuation: 123,595 X .15500000				19,157					
2. Working Interest Valuation: 123,595 X .84500000				104,438					
3. Deduct Operating Cost Allowance									
a. Producing Well: 31,900 X 5 Wells				159,500					
b. Injection Well: 18,570 X 5 Wells				92,850					
c. Submersible: X 3.595									
4. Subtotal (Line 2 minus Lines 3A,B,C)									
5. Working Int Minimum Value 104,438 X .05				5,222					
6. Line 4 or Line 5, whichever is greater				5,222					
7a. Prescr Equip Value: 1,510 X 1				1,510					
b. Additional Wells: 680 X 4				2,720					
c. TA, SI, SWD, INJ, WS: 420 X 10				6,925					
d. Submersible: 1,885 X									
e. Additional Equip: X .5332									
8. Itemized Equipment (Section III, Attach Schedule)									
9. Working Interest Value				16,377					
10. Working Interest Assessed Value Rate: 25%				4,094					

NOTICE: This rendition is for your information only. You do not need to sign or return it to the county appraiser.

Statement of MORMEG LLC

KDOR ID# 102555

Well API #

Name of Property GRIBLIN B

Lease

		Section I-IV Additional Data (required)					
Well Names on Lease	Location	Well Type	KDOR ID#	Well API#	BBLS Oil	MCF Gas	*
GRIBLIN 2	SE	OIL		15-073-19899			*
GRIBLIN 8	SW	OIL		15-073-19902			*
GRIBLIN 9	SW	OIL		15-073-19903			*
GRIBLIN 11	NE	OIL		15-073-20631			*
GRIBLIN 14	NE	OIL		15-073-19905			*
GRIBLIN B-10	NE	INJ		15-073-01554			*
GRIBLIN BW1	W2	INJ		15-073-01565			*
GRIBLIN BW7	NW	INJ		15-073-01564			*
GRIBLIN W6A	S2	INJ		15-073-30049			*
GRIBLIN 13	SW	TA		15-073-19904			*
GRIBLIN 12	NE	TA		15-073-20636			*
GRIBLIN 6	SW	TA		15-073-19901			*
GRIBLIN 4	SW	TA		15-073-19900			*
GRIBLIN 1	NE	TA		15-073-19898			*
GRIBLIN 10-B	NE	SWD		15-073-91336			*
On this rendition					620		*
Total Production					620		

Greenwood County, Kansas

Statement of MORMEG LLC
Name of Property GRIBLIN B

KDOR ID# 102555
Lease

Well API #

W PAUL PHILLIPS	ID: PHIW001	Interest: .00950000	
406 E 8TH ST	Pch ID:	Type: ORI R Overriding Royalty Interest	
CLAREMORE OK 74017	Parcel: 5-02604Q	Appraised: 1,174	Assessed: 352

RANDALL L TRIMBLE AND	ID: RANDAL001	Interest: .00150000	
JENIFER L TRIMBLE JTWROS	Pch ID:	Type: ORI R Overriding Royalty Interest	
PO BOX 171	Parcel: 5-02604K1	Appraised: 185	Assessed: 56
GRIDLEY KS 66852			

DEBORAH P ABBOTT	ID: ABBDEB001	Interest: .00065105	
3437 HIGHWAY 8 W	Pch ID:	Type: ROI R Royalty Interest	
NORMAN AR 71960	Parcel: 5-02604A7	Appraised: 80	Assessed: 24

DOROTHY M GLIDEWELL	ID: GLIDOR001	Interest: .00455725	
422 E HARRISON ST	Pch ID:	Type: ROI R Royalty Interest	
REPUBLIC MO 65738	Parcel: 5-02604D4	Appraised: 563	Assessed: 169

CRAIG SAUDER	ID: SAUCRA001	Interest: .01302084	
% CLARA SORENSON	Pch ID:	Type: ROI R Royalty Interest	
701 E MADISON	Parcel: 5-02604Y1	Appraised: 1,609	Assessed: 483
YATES CENTER KS 66783			

GLADYS MARY LEE GRIBLIN	ID: GRIGLA001	Interest: .00065105	
3458 HWY 8 WEST	Pch ID:	Type: ROI R Royalty Interest	
NORMAN AR 71960	Parcel: 5-02604A8	Appraised: 80	Assessed: 24

CAROL DIANE HILL	ID: HILCAR001	Interest: .00151909	
310 W MCNEESE	Pch ID:	Type: ROI R Royalty Interest	
MARLOW OK 73055	Parcel: 5-02604D3	Appraised: 188	Assessed: 56

TOM DD BOATMAN	ID: BOATOM001	Interest: .00151908	
1712 RED ROSE TRL	Pch ID:	Type: ROI R Royalty Interest	
PROSPER TX 75078-9687	Parcel: 5-02604D5	Appraised: 188	Assessed: 56

DEBORAH JEAN BOATMAN	ID: BOADEB001	Interest: .00151908	
PO BOX 656	Pch ID:	Type: ROI R Royalty Interest	
DUNCAN OK 73534	Parcel: 5-02604D6	Appraised: 188	Assessed: 56

Annual Oil Production, (bbls)

Year	Production	Wells
<u>Production Plots</u>		
1970	9,324	10
1971	15,673	13
1972	14,229	13
1973	10,380	13
1974	7,913	13
1975	7,205	13
1976	6,580	6
1977	5,683	6
1978	5,099	6
1979	5,107	6
1980	4,848	6
1981	4,874	6
1982	3,966	6
1983	2,912	6
1984	3,686	6
1985	2,967	6
1986	3,254	6
1987	3,076	6
1988	2,623	6
1989	2,980	6
1990	3,990	6
1991	3,921	6
1992	3,774	6
1993	3,270	6
1994	2,942	6
1995	2,905	6
1996	2,795	8
1997	2,630	5
1998	2,459	5
1999	2,298	5
2000	2,159	5
2001	1,993	5
2002	1,947	5

Recent Monthly Oil Production, (bbls)

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

Year	Month	Production	Wells	Reporter or Purchaser/ Reporting Customer
2014	1	282.7	5	PLAINS MARKETING L.P. (100%)
2014	3	133.81	5	PLAINS MARKETING L.P. (100%)
2014	4	137.96	5	PLAINS MARKETING L.P. (100%)
2014	5	268.22	5	PLAINS MARKETING L.P. (100%)
2014	6	300.59	5	PLAINS MARKETING L.P. (100%)
2014	7	134.07	5	PLAINS MARKETING L.P. (100%)
2014	8	153.8	5	PLAINS MARKETING L.P. (100%)
2014	9	294.84	5	PLAINS MARKETING L.P. (100%)
2014	10	134.2	5	PLAINS MARKETING L.P. (100%)
2014	11	297.9	5	PLAINS MARKETING L.P. (100%)
2014	12	278.64	5	PLAINS MARKETING L.P. (100%)
2015	1	140.7	5	PLAINS MARKETING L.P. (100%)
2015	2	257.1	5	PLAINS MARKETING L.P. (100%)
2015	3	147.46	5	PLAINS MARKETING L.P. (100%)
2015	4	132.93	5	PLAINS MARKETING L.P. (100%)
2015	5	139.91	5	PLAINS MARKETING L.P. (100%)
2015	6	290.61	5	PLAINS MARKETING L.P. (100%)
2015	7	149.67	5	PLAINS MARKETING L.P. (100%)
2015	8	147.55	5	PLAINS MARKETING L.P. (100%)
2015	9	140.49	5	PLAINS MARKETING L.P. (100%)
2015	10	151.12	5	PLAINS MARKETING L.P. (100%)
2015	11	289.37	5	PLAINS MARKETING L.P. (100%)
2015	12	147.26	5	PLAINS MARKETING L.P. (100%)
2016	1	134.67	5	PLAINS MARKETING L.P. (100%)
2016	2	133.16	5	PLAINS MARKETING L.P. (100%)
2016	3	287.68	5	PLAINS MARKETING L.P. (100%)
2016	4	140.24	5	PLAINS MARKETING L.P. (100%)
2016	5	140.93	5	PLAINS MARKETING L.P. (100%)
2016	6	149.9	5	PLAINS MARKETING L.P. (100%)
2016	7	154.87	5	PLAINS MARKETING L.P. (100%)
2016	8	304.73	5	PLAINS MARKETING L.P. (100%)
2016	9	152.34	5	PLAINS MARKETING L.P. (100%)
2016	10	161.66	5	PLAINS MARKETING L.P. (100%)
2016	11	158.96	5	PLAINS MARKETING L.P. (100%)

2003	2,048	5
2004	1,912	5
2005	1,876	5
2006	1,748	5
2007	1,513	5
2008	1,641	5
2009	1,490	5
2010	1,569	5
2011	1,088	5
2012	1,649	5
2013	1,608	5
2014	2,417	5
2015	2,134	5
2016	2,225	5
2017	1,921	5
2018	1,586	5
2019	1,604	5
2020	1,153	5
2021	146	5
2022	619	6
2023	146	6

Reported through 1-2023.

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

2016	12	305.78	5	PLAINS MARKETING L.P. (100%)
2017	1	156.16	5	PLAINS MARKETING L.P. (100%)
2017	2	156.65	5	PLAINS MARKETING L.P. (100%)
2017	3	147.92	5	PLAINS MARKETING L.P. (100%)
2017	4	143.5	5	PLAINS MARKETING L.P. (100%)
2017	5	294.47	5	PLAINS MARKETING L.P. (100%)
2017	6	141.4	5	PLAINS MARKETING L.P. (100%)
2017	7	146.29	5	PLAINS MARKETING L.P. (100%)
2017	8	149.34	5	PLAINS MARKETING L.P. (100%)
2017	9	148.15	5	PLAINS MARKETING L.P. (100%)
2017	10	140.63	5	PLAINS MARKETING L.P. (100%)
2017	11	148.44	5	PLAINS MARKETING L.P. (100%)
2017	12	148.11	5	PLAINS MARKETING L.P. (100%)
2018	2	248.77	5	PLAINS MARKETING L.P. (100%)
2018	3	145.64	5	PLAINS MARKETING L.P. (100%)
2018	4	140.76	5	PLAINS MARKETING L.P. (100%)
2018	6	144.26	5	PLAINS MARKETING L.P. (100%)
2018	7	150.65	5	PLAINS MARKETING L.P. (100%)
2018	8	153.11	5	PLAINS MARKETING L.P. (100%)
2018	9	157.8	5	PLAINS MARKETING L.P. (100%)
2018	10	156.13	5	PLAINS MARKETING L.P. (100%)
2018	11	141.82	5	PLAINS MARKETING L.P. (100%)
2018	12	147.25	5	PLAINS MARKETING L.P. (100%)
2019	1	141.27	5	PLAINS MARKETING L.P. (100%)
2019	2	138.08	5	PLAINS MARKETING L.P. (100%)
2019	3	152.52	5	PLAINS MARKETING L.P. (100%)
2019	4	141.29	5	PLAINS MARKETING L.P. (100%)
2019	6	140.34	5	PLAINS MARKETING L.P. (100%)
2019	7	142.51	5	PLAINS MARKETING L.P. (100%)
2019	8	144.64	5	PLAINS MARKETING L.P. (100%)
2019	9	148.92	5	PLAINS MARKETING L.P. (100%)
2019	10	148.34	5	PLAINS MARKETING L.P. (100%)
2019	11	151.86	5	PLAINS MARKETING L.P. (100%)
2019	12	154.42	5	PLAINS MARKETING L.P. (100%)
2020	1	140.95	5	PLAINS MARKETING L.P. (100%)
2020	2	149.33	5	PLAINS MARKETING L.P. (100%)
2020	3	137.89	5	PLAINS MARKETING L.P. (100%)
2020	4	125.61	5	PLAINS MARKETING L.P. (100%)
2020	5	139.94	5	PLAINS MARKETING L.P. (100%)
2020	7	145.82	5	PLAINS MARKETING L.P. (100%)

2020	8	74.9	5	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2020	9	78.1	5	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2020	10	75.99	5	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2020	12	84.88	5	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2021	6	74.82	5	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2021	11	71.51	5	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	3	76.63	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	5	103.7	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	6	69.82	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	8	73.92	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	9	74.6	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	10	73.25	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	11	73.19	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2022	12	74.11	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>
2023	1	145.76	6	<u>Coffeyville Resources Refining & Marketing (100%)</u>

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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.