

Section 30

OAK TREE 1605 #2-30M
MSSP (7440-12208)
09-16 > 238 & 67
06-17 > 712 & 0
OKLAHOMA ENERGY ACQU

FORMAN JOE #
OSWG/MSSP (6560-7328)
01-70 > 375 & 235
10-16 > 1 & 0
PRIME OPER

OFFICIAL EXHIBIT

1 BCU

T16N-R5W

FEB 05 2018

Section 25

LANKARD #25-1
PRUE (6805-6829)
05-77 > 563 & 24
11-16 > 0 & 0
OKLAHOMA ENERGY ACQU

GRELLNER #1606 1-25M
MSSP (7552-12427)
10-16 > 144 & 24
06-17 > 168 & 0
MILATION

Section 36

STATE #36-1A
RDFK (6945-6962)
08-78 > 966 & 12
04-17 > 29 & 0
MUSTANG RESC CO

Section 1

RED QUEEN 1506 #1-1M
MSSP (7722-11903)
07-16 > 30 & 36
08-17 > 0 & 150
OKLAHOMA ENERGY ACQU

THOMAS #1-1H
MERTON
01-09 > 258 & 28
01-17 > 0 & 11
GASTAR EXPL U

BINGO #1-1
PRUE/SENR/MSSP (6771-7474)
08-79 > 3910 & 13
06-17 > 3 & 0

PRODUCTION LEGEND

LEASE NAME
RESERVOIR (PERFORATIONS)
1ST PROD > CUM, MMCF & MBBL
LST PROD > DAILY GAS & OIL
OPERATOR CURRENT

72 73 74

Section 6

MARCUS #6-1
MSSP/SENR/PRUE (6748-7418)
06-79 > 951 & 14
06-17 > 17 & 0
OKLAHOMA ENERGY ACQU

CSIR
WDFD



MSSP
HNTN

LYTN

OSWG

CHRC

MSSP
B

MSSP
C



Alta Mesa Holdings, LP

OKLAHOMA ENERGY ACQUISITIONS

SEC 31-16N-5W KINGFISHER CO

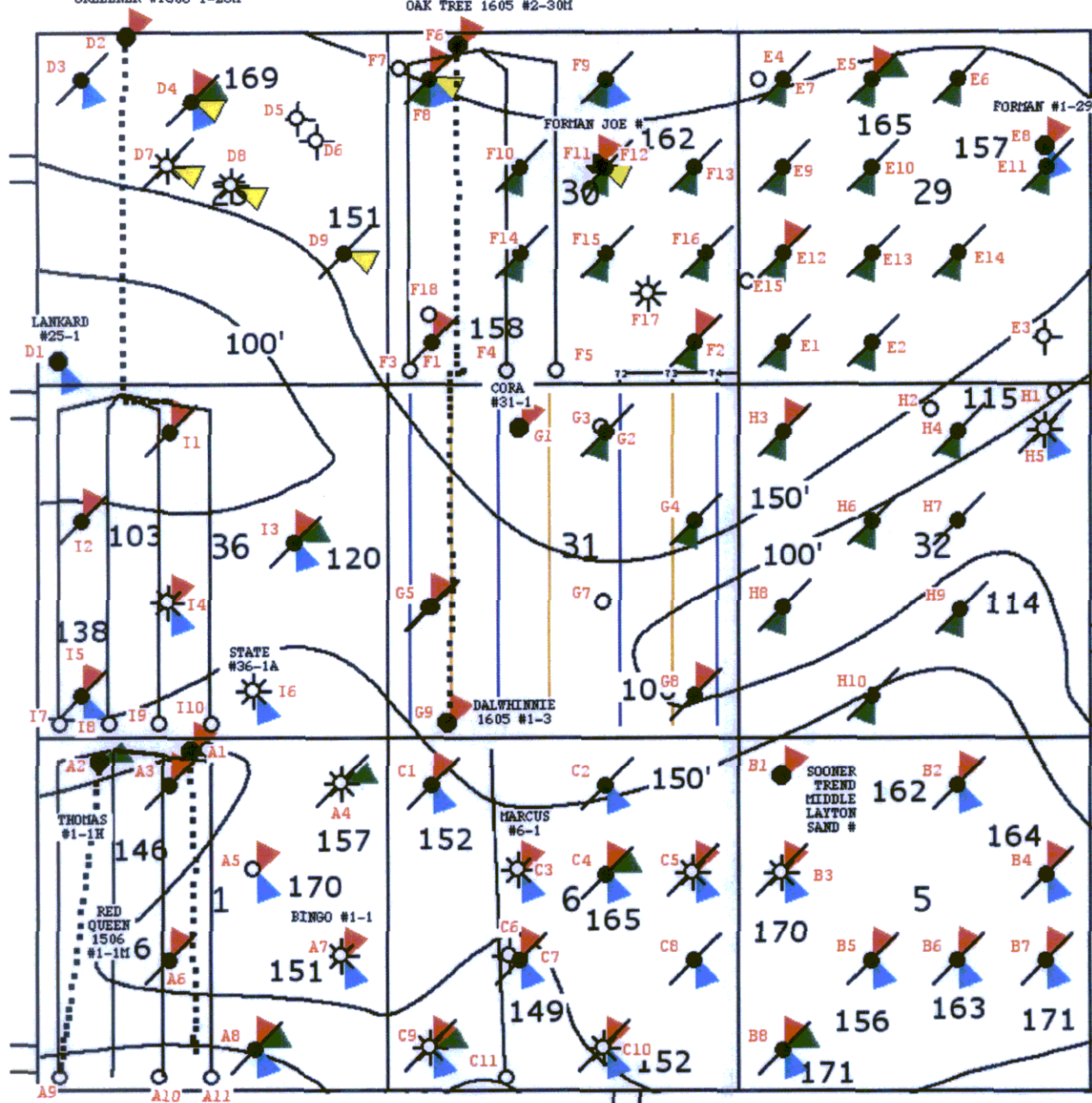
CD 2017-8571
INCREASED DENSITY

LOC EAC

CD 2017-8572 6
CD 2017-8573 8
CD 2017-8574 9

Well	Depth	Spud	Well Name	MMF-Cum-Mbb	Last	Mcfpd	Bopd	Operator	Reservoir
A1	11903	04-17	RED QUEEN 1506 #1-1M	30	36	08-17	0	150 OKLAHOMA ENERGY ACQU	MSSP (7722-11903)
A2	11905	02-09	THOMAS #1-1M	258	28	01-17	0	11 GASTAR EXPL U	HUNTON
A3	7916	03-80	SANDEFUR #1	651	31	06-14	0	5 DALCO PETROLEUM INC	MSSP (7253-7513)
A4	7885	01-79	BINGO #1&2	1099	26	09-02	0	0 DALCO PETROLEUM INC	HNTN (7513-7538)
A5	8232	08-79	BINGO 2	0	0		0	0 DALCO PETROLEUM INC	PRUE/MSSP (6803-7464)
A6	8339	10-79	BINGO 2	0	0		0	0 DALCO PETRILM CORP	PRUE/MSSP (6803-7464)
A7	7950	02-79	BEASLEY # 1-1	567	12	12-91	0	1 MACKELLAR INC	MSSP (7438-7546)
A7	7887	08-79	BINGO #1-1	3910	13	06-17	3	0 BRG	PRUE/SKNR/MSSP (6771-7474)
A8	7888	12-79	DIANNA HELEN #1	778	25	04-08	3	0 NORTHWESTERN PRODUCT	SKNR/MSSP/HNTNU (6944-7618)
A9	12500	00-00	RED QUEEN 1506 2-1MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
A10	12500	00-00	RED QUEEN 1506 4-1MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
A11	12500	00-00	RED QUEEN 1506 5-1MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
B1	7390	04-64	SOONER TREND MIDDLE LAYTO	37	13442	07-17	0	35 LINN OPER INC	MSSP (7150-7315)
B2	7643	10-79	BRITT # 5-3	73	10	11-15	4	0 L & T OIL & GAS INC	SKNRL/MSSP (6742-7234)
B3	8150	09-81	PURSELL #1	424	2	01-88	2	0 L & T OIL & GAS INC	SKNR/MSSP (6784-7274)
B4	7552	03-79	BRITT # 5-1	605	10	11-08	4	0 L & T OIL & GAS INC	SKNR/MSSP (6835-6876)
B5	7720	05-78	HARRISON # 5-1	569	10	04-14	0	0 L & T OIL & GAS INC	RDFK/MSSP (6780-7274)
B6	7674	09-79	BRITT # 5-4	328	4	02-05	0	0 L & T OIL & GAS INC	SKNRL/MSSP (6762-7236)
B7	7629	04-79	BRITT # 5-2	540	9	11-15	8	0 L & T OIL & GAS INC	SKNR/MSSP (6760-7220)
B8	7743	08-79	HARRISON # 5-2	1675	19	06-07	2	0 L & T OIL & GAS INC	PRUE/MSSP/HNTN (6673-7410)
C1	7670	02-81	MARCUS #6-2	447	9	10-03	0	0 CLARK RESOURCES INC	MSSP/PRUE (6762-7398)
C2	8375	09-78	METZGER #1&3	1301	16	11-15	17	0 BOBBY H YOUNG	SKNR/RDFK (6834-7762)
	7820	10-79	JONES 1	0	0		0	0 L & T OIL & GAS INC	
C3	7855	05-79	MARCH #6-1	951	14	06-17	17	0 OKLAHOMA ENERGY ACQU	MSSP/SKNR/PRUE (6748-7418)
C4	9460	08-80	UNDERWOOD 2-1	54	7	01-86	7	0 CLARK RESOURCES INC	CCKB/MLPM/HNTN (6895-7480)
C5	7728	10-78	JONES M B #6-1	1151	16	09-13	0	0 L & T OIL & GAS INC	PRUE/SKNR/MSSP (6718-7354)
	7740	10-78	M B JONES 6-1	0	0		0	0 L & T OIL & GAS INC	SKNR (6846-6858)
C6	6050	01-70	BRITT 1	0	0		0	0 HALL-JONES OIL CORP	
C7	7809	05-79	METZGER 6 3	0	0		0	0 NORTHWESTERN PRODUCT	MSSP/SKNRL (6874-7412)
C8	7751	08-78	METZGER 6-1	0	0		0	0 NORTHWESTERN PROD IN	RDFK (6834-6850)
	7762	08-78	L & G METZGER /6/ 1	0	0		0	0 NORTHWESTERN PROD INC	
	7751	00-00	METZGER 6-1	0	0		0	0 HUGHES OIL & GAS CO	
C9	7846	02-79	RICH DON 1	871	18	09-14	4	0 NORTHWESTERN PRODUCT	HNTN/MSSP/SKNR (6878-7533)
C10	7797	05-79	METZGER #2	1430	22	08-14	0	0 NORTHWESTERN PRODUCT	MSSP/SKNRL (6850-7362)
C11	12200	00-00	WAYLON 1505 1-6MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
D1	7950	06-77	LANKARD #25-1	563	24	11-16	0	0 OKLAHOMA ENERGY ACQU	PRUE (6805-6829)
D2	12570	11-16	GRELINER #1606 1-25M	144	24	06-17	168	0 MARATHON	MSSP (7552-12427)
D3	7841	02-69	KING #25-	0	25	12-77	0	5 INTERNATIONAL NUCLEA	PRUE (6752-6765)
D4	7656	10-81	KING JEWELL #1	67	8	08-92	3	1 VULCAN ENERGY CORP	HNTN/MSSP/SKNRL/SKNRU/PRU (6702-7570)
D5	70	03-12	WASHINGTON 1-25	0	0		0	0 SUPERIOR O & G CO OK	
D6	6975	04-96	FOSTER 1-25	0	0		0	0 NOTT ENERGY LLC	
D7	7025	10-79	KING 1-A	0	0		0	0 G M C OIL & GAS CORP	OSWG (6686-6706)
D8	0		FOSTER #25-1	82	2	02-83	0	4	OSWEGO
	6950	07-77	FOSTER 1	0	0		0	0 G M C OIL & GAS CORP	OSWG (6678-6688)
D9	7830	12-77	FOSTER #25-1	780	11	07-09	0	0 RICK BUCK	OSWG (6666-6670)
E1	5920	01-72	S T M L S U TRACT 52-A	0	0		0	0 PACIFIC LIGHTING EXP	LYTNM (5809-5832)
E2	5875	10-65	WAGGENER 2	0	0		0	0 MACKELLAR DRLG CO	LYTN (5795-5810)
E3	5820	11-67	CALVIN 1	0	0		0	0 G M C OIL & GAS CORP	
	5830	01-68	CALVIN 1	0	0		0	0 GMC OIL & GAS CORP	
E4	0	09-65	MARY FORMAN 1	0	0		0	0 MACKELLAR DRILLING C	LYTN (5760-5800)
	7252	09-65	MARY FORMAN 1	0	0		0	0 MACKELLAR DRLG CO	
E5	7400	03-82	FORMAN M #2-29	72	13	07-97	0	0 HINKLE ENGINEERING I	MSSP/HNTN (6839-7305)
	7400	04-00	SOONER TREND MIDDLE 42A	0	0		0	0 LOUIS DREYFUS NATURA	LYTN (5784-5804)
	7400	02-82	FORMAN 2-29	0	0		0	0 HINKLE ENGINEERING INC	
E6	6848	11-65	EMIL FORMAN 1	0	0		0	0 MACKELLAR DRILLING C	LYTN (5784-5804)
	6845	11-65	EMIL FORMAN 1	0	0		0	0 MACKELLAR DRILLING	LYTN (5784-5804)
E7	5500	00-00	LAND RUN SWD 1A	0	0		0	0 OKLAHOMA SWD 1 LLC	
E8	7628	11-81	FORMAN #1-29	565	33	06-16	0	3 HINKLE O&G INC	RDFK/MSSP (6585-7196)
E9	5900	09-72	S T M L S UNIT TRACT 43-A	0	0		0	0 PACIFIC LIGHTING EXP	LYTN (5780-5817)
E10	5870	10-65	MARY FORMAN 2	0	0		0	0 MACKELLAR DRLG CO	LYTN (5792-5814)
E11	5826	03-66	EMIL FORMAN 2	0	0		0	0 MACKELLAR DRLG CO	LYTN (5772-5786)
E12	7291	09-65	WAGGENER #29-1	110	26	04-00	1	0 MACKELLAR DRILLING	MISSISSIPPI
	0	09-65	WAGGENER 1	0	0		0	0 MACKELLAR DRLG CO	LYTN (5802-5822)
E13	5907	10-73	S T M L S U 53-A	0	0		0	0 RAMSEY ENGINEERING I	LYTNM (5774-5804)
E14	7285	12-65	WAGGENER A-1	0	0		0	0 W C PAYNE	LYTN (5768-5778)
E15	5400	00-00	REEDING SWD 1	0	0		0	0 OVERFLOW ENERGY LLC	
F1	8216	09-81	KATHERINE #30-1	0	8	12-86	0	6 BROWN & BORELLI INC	MSSP (6976-7377)
F2	7375	11-65	FORMAN 1	0	0		0	0 RAMSEY ENGINEERING I	MSSP (6958-7300)
F3	12500	00-00	OAK TREE 1605 1-30MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
F4	12500	00-00	OAK TREE 1605 4-30MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
F5	12500	00-00	OAK TREE 1605 5-30MH	0	0		0	0 OKLAHOMA ENERGY ACQ	
F6	12208	10-16	OAK TREE 1605 #2-30M	238	67	06-17	712	0 OKLAHOMA ENERGY ACQU	MSSP (7440-12208)
F7	1215	09-67	JOE FORMAN S-47	0	0		0	0 PACIFIC NATURAL GAS	
	1215	08-67	SOONER TREND S-47	0	0		0	0 PACIFIC NTRL GAS EXP	
F8	7485	01-66	FORMAN #4-30	3	0	11-83	12	0 CRELENN OIL CO	MSSP (6976-7374)
	0	09-82	JOE FORMAN 4	0	0		0	0 DEMINEX U S OIL CO	OSWG/RDFK (6618-6834)
	7485	02-66	JOE FORMAN 4	0	0		0	0 CRELENN OIL CO	LYTN/MSSP (5855-7374)
	7485	07-82	FOREMAN JOE 4	0	0		0	0 DEMINEX U S OIL CO	
F9	0	12-65	JOE FORMAN 2	0	0		0	0 CRELENN OIL CO	LYTN (5820-5840)
	7291	12-65	JOE FORMAN 2	0	0		0	0 CRELENN OIL CO	LYTN (5820-5840)
	7291	06-80	JOE FORMAN 2	0	0		0	0 DEMINEX U S OIL CO	RDFK (6788-6798)
	7285	01-66	JOE FORMAN 2	0	0		0	0 CRELENN OIL CO	
F10	5931	12-65	JOE FORMAN 3	0	0		0	0 CRELENN OIL CO	LYTN (5834-5844)
F11	7550	11-81	FORMAN JOE #	375	235	10-16	1	0 PRIME OPER	OSWG/MSSP (6560-7328)
F12	5920	08-71	S T M L S U 45-A	0	0		0	0 PACIFIC LIGHTING EXP	LYTN (5810-5830)
F13	5914	10-65	JOE FORMAN 1	0	0		0	0 CRELENN OIL CO	LYTN (5806-5826)
F14	5918	05-66	GRIMES 1	0	0		0	0 MACKELLAR DRLG CO	LYTN (5833-5841)
F15	5935	12-65	JOE FORMAN 2	0	0		0	0 SUN OIL CO	LYTN (5810-5830)
F16	5915	11-70	S T M L S U 51-A	0	0		0	0 PACIFIC LIGHTING EXP	LYTNM (5810-5834)
F17	0		FOREMAN JOE #1	8	5	06-85	0	3	MISSISSIPPI
F18	5974	02-68	GRIMES J-48	0	0		0	0 PACIFIC NATURAL GAS	
G1	7635	01-79	CORA #31-1	390	21	01-17	0	0 OKLAHOMA ENERGY ACQU	MSSP (7126-7500)
G2	1220	09-67	SMITH S-59	0	0		0	0 PACIFIC NATURAL GAS	
G3	1200	08-67	SOONER TREND S-59	0	0		0	0 PACIFIC NTRL GAS EXP	
G4	5918	01-66	SMITH 2	0	0		0	0 MACKELLAR DRLG CO	LYTN (5850-5854)
G5	7401	09-65	SMITH 1	0	0		0	0 MACKELLAR DRLG CO	LYTN (5824-5848)
G6	7401	05-65	SMITH 1	0	0		0	0 MACKELLAR DRLG CO	
G5	7505	12-64	VANCUREN 1	0	0		0	0 MACKELLAR DRLG CO	MSSP (7296-7400)
G6	7513	01-65	VANCUREN #	5	42	06-93	0	4 MACKELLAR DRILLING	MSSP (7296-7400)
G7	6000	12-65	KORDIS 1	0	0		0	0 MACKELLAR DRLG CO	
G8	6000	04-66	KORDIS 1	0	0		0	0 MACKELLAR DRILLING	
G8	8215	05-81	KORDIS #31-1	85	14	07-03	0	6 BROWN & BORELLI INC	MSSP (7167-7328)
G9	12300	06-17	DALMINNIE 1605 #1-3	40	0	06-17	1152	0 OKLAHOMA ENERGY ACQU	MSSP (7481-12300)
H1	5500	00-00	LAND RUN SWD 1	0	0		0	0 PROVEN RESRV MGT INC	
H2	8345	05-17	WAY SOUTH SWD 1	0	0		0	0 HINKLE OIL & GAS INC	
H3	7298	09-65	MARTIN #32-1	55	12	03-12	0	0 MACKELLAR DRILLING	MISSISSIPPI
	0	09-65	MARTIN 1	0	0		0	0 MACKELLAR DRLG CO	LYTN (5816-5836)
	7298	07-65	MARTIN 1	0	0		0	0 MACKELLAR DRLG CO	
H4	7290	11-65	WAGGENER 1	0	0		0	0 W C PAYNE	LYTN (5780-5790)
H5	6640	04-69	WAGGENER B 1	0	0		0	0 W C PAYNE	PRUE (6593-6600)
H6	5872	12-65	MARTIN 2	0	0		0	0 MACKELLAR DRLG CO	LYTN (5815-5825)
	5872	02-66	MARTIN 2	0	0		0	0 MACKELLAR DRILLING	
H7	7290	11-65	WAGGENER 1	0	0		0	0 PAYNE W C	
H8	5882	01-66	MARTIN 3	0	0		0	0 MACKELLAR DRLG CO	LYTN (5824-5836)
	5882	02-66	MARTIN 3	0	0		0	0 MACKELLAR DRILLING	
H9	7306	06-66	T R KLINGMAN 1	0	0		0	0 SUN OIL CO	LYTN (575

OAK TREE 1605 #2-30M



GROSS INTERVAL
ISOPACH
MISSISSIPPI B
C.I. = 50'



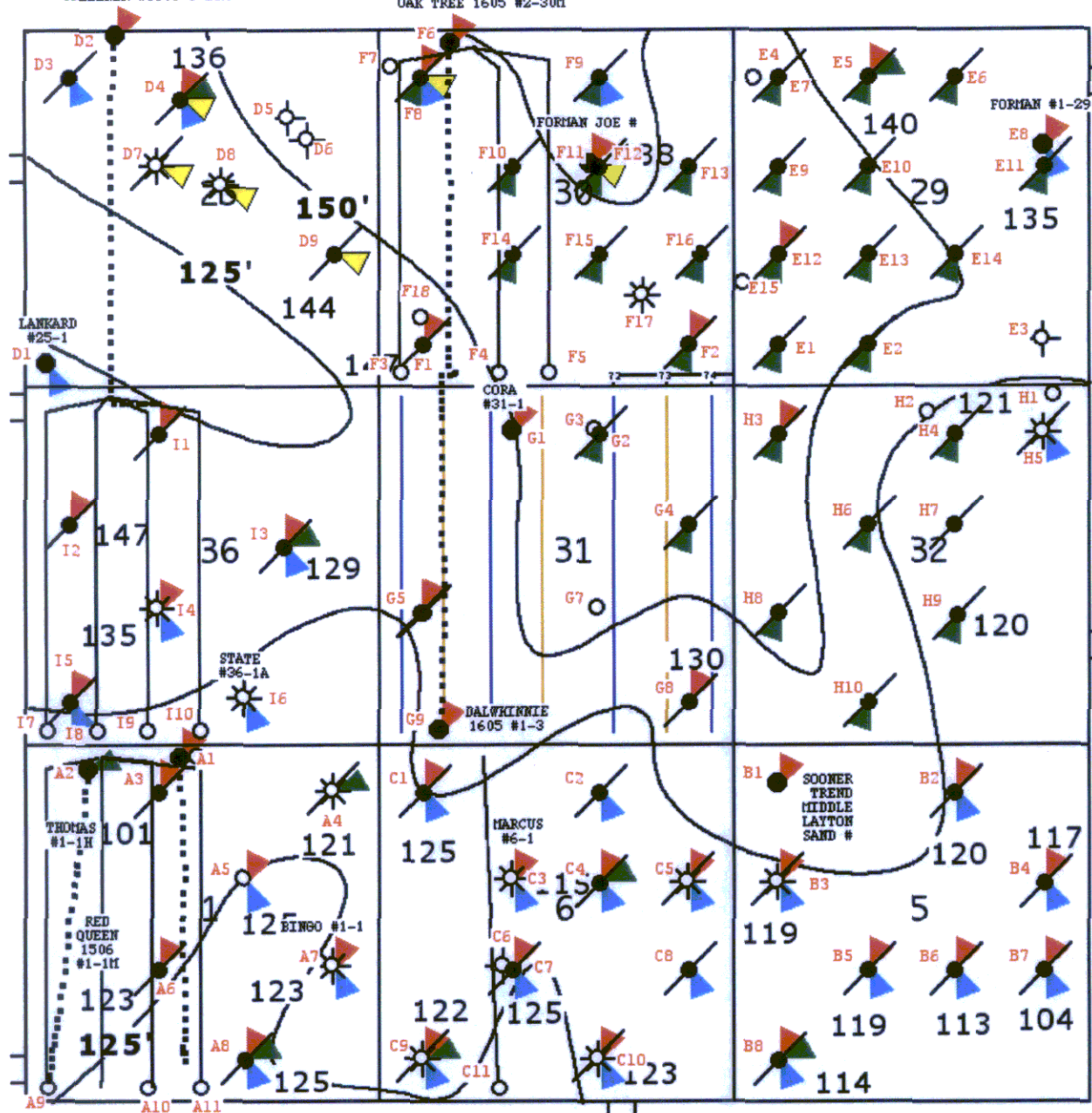
OKLAHOMA ENERGY ACQUISITIONS

SEC 31-16N-5W KINGFISHER CO

**CD 2017-8571
INCREASED DENSITY
LOC EXC**

CD 2017-8572	6
CD 2017-8573	8
CD 2017-8574	9

OAK TREE 1605 #2-30M



GROSS INTERVAL
ISOPACH
MISSISSIPPI C
C.I. = 25'



Alta Mesa Holdings, LP

OKLAHOMA ENERGY ACQUISITIONS

SEC 31-16N-5W KINGFISHER CO

**CD 2017-8571
INCREASED DENSITY
LOC EXC**

CD 2017-8572	6
CD 2017-8573	8
CD 2017-8574	9



Alta Mesa Holdings, LP

OKLAHOMA ENERGY ACQUISITIONS

SEC 31-16N-5W KINGFISHER CO

CD 2017-8571

INCREASED DENSITY

LOC EXC

CD 2017-8572 6

CD 2017-8573 8

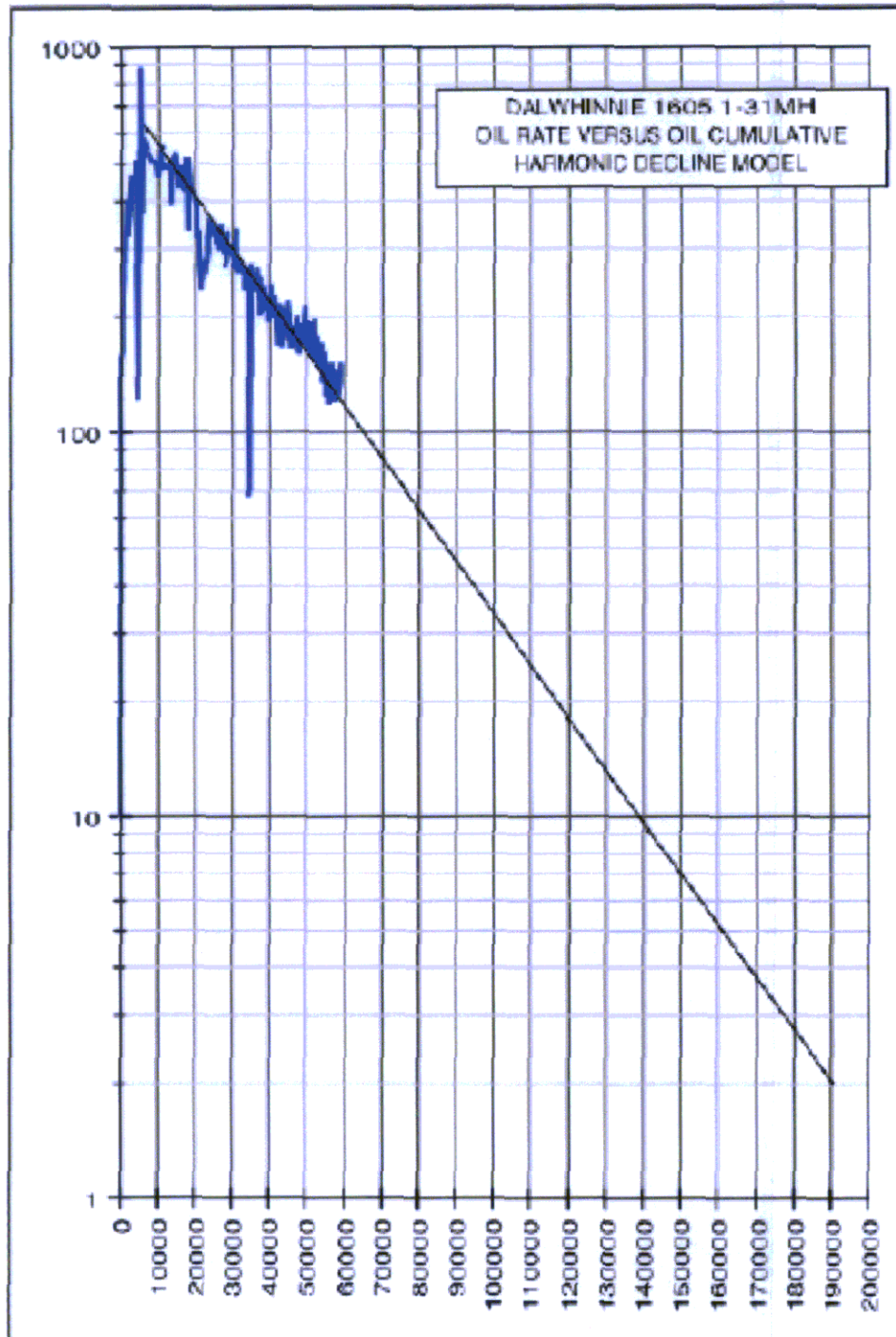
CD 2017-8574 9

OKLAHOMA ENERGY

OK CORP COMM CD 2017-8571 8572 8573 8574

SEC 31-T16N-R5W

KINGFISHER CO, OK



- 1

OKLAHOMA ENERGY
OK CORP COMM CD 2017-8571 8572 8573 8574
SEC 31-T16N-R5W
KINGFISHER CO, OK

Planimetry Analysis

Thickness	Acres	Acres-feet
Formula Used		C.I.=
(A1+A0)/2*(H1-H0)		H0/A0
(A2+A1)/2*(H2-H1)		H1/A1
(A3+A2)/2*(H3-H2)		H2/A2
(A6+A5)/2*(H6-H5)		H3/A3
(Max H-Max Cntr)/3 * Min A		H6/A6

Volumetric Summary

Acres of Probable Reservoir Rock
Est Avg Thickness of Reservoir Rock
Acres-feet of Reservoir Rock Interval
Estimated Net Pay to Gross Interval
Acres-feet of Reservoir Rock

Petrophysics & Zone Data

Phase
Est Depth of Zone
Temperature of Zone
Average Porosity Used, %
Average Water Saturation, %

Oil Volumetric & Recovery Data

Reservoir Volume Factor
Initial GOR, scf / stb
Unit // Rsvr Oil-in-Place, Bbl/Af
Oil Reserves, Bbl/Af

Original Oil-in-Place, Mbbl	25007.1
Original Oil/Gas Rsvs, Mbbl	1912.6

Oil Recovery Data

Producing Unit Wells	Oil Mbbls
CORA #31-1	20.9
VNCURREN 1	42.0
KORDIS 31-1	14.1
DALWHINNIE 1605 1-31MH	190.0
DALWHINNIE 1605 2-31MH	158.3
DALWHINNIE 1605 3-31MH	158.3
DALWHINNIE 1605 4-31MH	190.0
Total Dvlpd Reserves, Mmcf	773.7

Undeveloped Acres / Rsvs

1138.9

Projected per well recoveries , MBBL

Number of additional wells needed

Number of Wells Requested

MISSISSIPPI B

114	640	73,231
50	MAX H =	160
Cntr	Acres	Ac-ft
0	640	0
50	592	30799
150	241	41630
		0
		0
		802

640
114
73231
0.8
58585

OIL
7100
145
4.9
45

1.328
600
158
12

9262
731.7

Ft	Acres	Ultimate
184	5	11.7
75	45	42.0
161	7	14.1
114	111	158.3
114	111	158.3
648	279.4	384.5

361	347.2
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114	206	158
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2.2
2.0

MISSISSIPPI C

143	640	91,219
25	MAX H =	160
Cntr	Acres	Ac-ft
0	640	0
100	640	64000
125	604	15554
150	260	10800
		0
		865

640
143
91219
0.8
72975

OIL
7260
147
4.5
18

1.328
600
216
16

15745
1180.9

Ft	Acres	Ultimate
157	4	9.2
143	82	190.0
143	82	190.0
443	168	389.2

472	791.7
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143	82	190
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4.2
1.0