

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 22 2008
OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		2. Name of Operator EOG Resources Inc.	5. Lease Serial No. NM 100530 (BHL)
3a. Address P.O. Box 2267 Midland, Texas 79702			
3b. Phone No. (include area code) 432-686-3689		7. If Unit or CA/Agreement, Name and/or No.	8. Well Name and No. Niagara 3 Fee Com 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 760' FNL & 460' FEL, U/L A Sec 3, T18S, R23E		9. API Well No. 30-015-36237	10. Field and Pool, or Exploratory Area Gopher (Wolfcamp)
		11. County or Parish, State Eddy NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Spud & casing
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

6/14/08 TD at 8450' MD.

Ran 196 jts 5-1/2", 17 #, N-80 LTC casing set at 8439'.

Cemented w/ 650 sx 50/50 POZ C, 11.8 ppg, 2.29 yield; 745 sx 50/50 POZ C, 14.2 ppg, 1.30 yield.
Circulated 220 sx to surface.

6/15/08 Released rig.

6/24/08 MIRU for completion:

Perforated from 7605 - 8365', 0.42", 30 holes.

Frac w/ 4000 gals 15% HCL, 214 bbls Dilute acid, 368 bbls 15 # Linear gel, 78563 lbs 100 mesh, 76044 lbs 30/50 sand, 29496 lbs 20/40 sand, 6763 bbls load water.

Perforated from 6655 - 7415', 0.42", 30 holes.

Frac w/ 3000 gals 15% HCL, 214 bbls Dilute acid, 482 bbls 15 # Linear gel, 80101 lbs 100 mesh, 75568 lbs 30/50 sand, 31015 lbs 20/40 sand, 6878 bbls load water.

6/24/08 Perforated from 5705 - 6465', 0.42", 30 holes.

Frac w/ 3000 gals 15% HCL, 186 bbls Dilute acid, 492 bbls 15 # Linear gel, 79965 lbs 100 mesh, 87259 lbs 30/70 sand, 32350 lbs 20/40 sand, 6830 bbls load water.

Perforated from 4750 - 5515', 0.42", 30 holes.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **7/7/08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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1 Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5 Lease Serial No NM 100530 (BHL)
2 Name of Operator EOG Resources Inc.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 2267 Midland, Texas 79702	3b. Phone No (include area code) 432-686-3689	7. If Unit or CA/Agreement, Name and/or No.
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 760' FNL & 460' FEL, U/L A Sec 3, T18S, R23E		8. Well Name and No. Niagara 3 Fee Com 1H
		9 API Well No. 30-015-36237
		10. Field and Pool, or Exploratory Area Gopher (Wolfcamp)
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	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Spud & casing
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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6/24/08 Frac w/ 4200 gals 15% HCL, 214 bbls Dilute acid, 360 bbls 15 # Linear gel, 78983 lbs 100 mesh, 82173 lbs 30/70 sand, 27911 lbs 20/40 sand, 6429 bbls load water. Flow back.
6/27/08 RIH w/ 2-3/8" production tubing set at 5451'. Flow back.
7/02/08 Turned to sales.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Stan Wagner	Title Regulatory Analyst
Signature 	Date 7/7/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Niagara 3 Fee Com #1H Gyro.txt

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Outrun Survey

for

Page 1

E.O.G. RESOURCES

Well No.: NIGRA 3 FEE COM #1H

Date : 4-JUN-2008

Job No. : 32K0608417

GRID

Proposal : 269.69

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Depth      T.V.D.      V.S.      Inc      Azimuth      Latitude      Departure      D-leg
( Feet )   ( Feet )   ( Feet )   Deg.      Deg.      ( Feet )   ( Feet )   /100
iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii

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0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00
100.00	100.00	-0.24	0.30	67.98	0.10	0.24	0.30
200.00	200.00	-0.53	0.20	166.31	0.03	0.53	0.38
300.00	300.00	-0.50	0.13	324.50	-0.05	0.50	0.32
400.00	400.00	-0.61	0.25	53.03	0.17	0.61	0.28
500.00	499.99	-1.09	0.63	33.01	0.77	1.08	0.40
600.00	599.99	-1.68	0.72	27.07	1.79	1.67	0.11
700.00	699.98	-2.22	0.87	18.79	3.06	2.20	0.19
800.00	799.97	-2.78	0.76	27.61	4.37	2.75	0.17
900.00	899.96	-3.40	0.59	36.80	5.37	3.37	0.20
1000.00	999.96	-3.92	0.55	25.99	6.21	3.89	0.11
1100.00	1099.95	-4.08	0.52	353.01	7.10	4.04	0.31
1200.00	1199.95	-3.95	0.53	350.31	8.00	3.91	0.03
1300.00	1299.94	-3.99	0.39	19.39	8.78	3.94	0.27
1400.00	1399.94	-4.19	0.41	12.97	9.45	4.14	0.05
1500.00	1499.94	-4.41	0.39	24.15	10.11	4.36	0.08
1600.00	1599.94	-4.55	0.23	0.27	10.62	4.50	0.20
1700.00	1699.93	-4.60	0.40	6.86	11.17	4.54	0.17
1800.00	1799.93	-4.71	0.33	13.31	11.79	4.65	0.08
1900.00	1899.93	-4.70	0.26	338.72	12.29	4.63	0.19
2000.00	1999.93	-4.41	0.29	304.83	12.64	4.34	0.16
2100.00	2099.93	-4.01	0.31	313.83	12.97	3.94	0.05
2200.00	2199.93	-3.57	0.33	301.70	13.31	3.50	0.07
2300.00	2299.93	-2.99	0.42	292.83	13.61	2.92	0.11
2400.00	2399.92	-2.07	0.74	296.06	14.03	2.00	0.32
2500.00	2499.91	-0.91	0.69	282.43	14.44	0.83	0.18
2600.00	2599.91	0.25	0.66	275.53	14.63	-0.33	0.09
2700.00	2699.90	1.46	0.73	269.49	14.68	-1.54	0.10
2800.00	2799.89	2.62	0.61	282.62	14.79	-2.70	0.19
2900.00	2899.89	3.53	0.45	266.06	14.88	-3.61	0.22
3000.00	2999.88	4.46	0.62	267.50	14.83	-4.54	0.17
3100.00	3099.88	5.60	0.68	269.40	14.80	-5.68	0.06
3200.00	3199.87	6.75	0.64	268.83	14.78	-6.83	0.04
3300.00	3299.86	7.70	0.45	270.41	14.77	-7.78	0.19
3400.00	3399.86	8.26	0.22	298.37	14.87	-8.34	0.28
3500.00	3499.86	8.16	0.31	78.76	15.01	-8.24	0.50
3600.00	3599.86	7.47	0.49	84.94	15.10	-7.55	0.18
3700.00	3699.86	6.90	0.17	76.32	15.17	-6.98	0.32
3800.00	3799.86	6.49	0.31	88.05	15.22	-6.57	0.15
3900.00	3899.85	5.67	0.64	77.83	15.35	-5.75	0.34

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0      S C I E N T I F I C      D R I L L I N G      C O N T R O L S      0

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Date : 4-JUN-2008

GRID

Proposal : 269.69

[illegible]

4000.00	3999.84	4.43	0.84	69.82	15.72	-4.52	0.22
4100.00	4099.82	2.61	1.37	71.28	16.35	-2.70	0.53
4200.00	4199.79	0.30	1.41	72.05	17.11	-0.40	0.04

The Horizontal Displacement (in Feet) at

Measured Depth 4200.00 is 17.12 in a Direction of 358.68 Degrees

Actual Path

TMD	DEG	AZI	TVD	N/S	E/W	VS	DLS
4100	1.37	71.28	4099.82	16.35	-2.7	2.61	-999.25
4137	1.41	74.42	4136.81	16.61	-1.84	1.75	0.23
4201	1.41	66.33	4200.79	17.14	-0.36	0.27	0.31
4233	0.88	294.37	4232.79	17.4	-0.23	0.13	6.57
4264	5.19	276.05	4263.74	17.65	-1.84	1.74	14.08
4296	10.46	271.5	4295.43	17.88	-6.18	6.09	16.57
4328	15.04	267.06	4326.63	17.74	-13.24	13.14	14.63
4360	20.14	266.61	4357.12	17.2	-22.89	22.8	15.94
4391	24.71	267.98	4385.77	16.66	-34.7	34.61	14.84
4423	29.63	270.53	4414.23	16.49	-49.3	49.21	15.8
4455	34.65	271.74	4441.32	16.84	-66.32	66.23	15.82
4487	39.48	271.49	4466.85	17.38	-85.59	85.5	15.1
4518	44.32	270.64	4489.92	17.76	-106.28	106.19	15.72
4550	48.98	269.02	4511.88	17.68	-129.55	129.45	15.02
4582	53.55	267.17	4531.9	16.84	-154.48	154.39	14.98
4613	58.04	265.25	4549.32	15.13	-180.06	179.97	15.36
4645	62.08	264.49	4565.29	12.65	-207.67	207.6	12.79
4677	65.16	263.85	4579.5	9.74	-236.18	236.13	9.79
4708	68.32	264.36	4591.74	6.81	-264.51	264.47	10.31
4740	71.31	264.71	4602.79	3.95	-294.41	294.38	9.4
4772	74.13	266.1	4612.29	1.51	-324.86	324.85	9.74
4804	76.85	265.86	4620.31	-0.66	-355.76	355.76	8.53
4835	78.7	265.81	4626.87	-2.86	-385.98	385.99	5.97
4867	80.9	266.25	4632.54	-5.04	-417.39	417.41	7.01
4899	83.98	266.31	4636.75	-7.1	-449.04	449.08	9.63
4994	90.31	265.9	4641.48	-13.54	-543.66	543.72	6.68
5121	91.71	264.96	4639.24	-23.66	-670.23	670.35	1.33
5216	90.75	264.55	4637.2	-32.34	-764.81	764.97	1.1
5311	90.84	264.71	4635.88	-41.23	-859.38	859.59	0.19
5406	92.33	264.91	4633.25	-49.82	-953.95	954.21	1.58
5501	89.96	262.51	4631.35	-60.23	-1048.35	1048.66	3.55
5597	91.01	263.25	4630.54	-72.13	-1143.6	1143.98	1.34
5692	91.01	264.29	4628.87	-82.44	-1238.03	1238.46	1.09
5787	91.45	265.98	4626.83	-90.49	-1332.66	1333.13	1.84
5882	90.92	265.63	4624.86	-97.44	-1427.38	1427.89	0.67

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4000	0.84	69.82	3999.84	15.72	-4.52	4.43	-999.25
4043	0.7	45.43	4042.84	16.01	-4.04	3.95	0.82
4075	1.49	299.56	4074.83	16.36	-4.26	4.17	5.66
4106	4.92	291.42	4105.78	17.04	-5.85	5.76	11.13
4138	8.62	287.82	4137.55	18.28	-9.41	9.31	11.63
4170	12.4	286.6	4169.01	19.99	-14.99	14.88	11.83
4201	16.36	283.8	4199.03	21.98	-22.42	22.3	12.97
4233	20.31	282.06	4229.4	24.22	-32.23	32.1	12.46
4265	24.09	280.31	4259.02	26.55	-44.09	43.95	11.99
4297	27	280.01	4287.89	28.98	-57.67	57.52	9.1
4328	29.63	278.52	4315.18	31.34	-72.19	72.01	8.78
4360	32.27	276.87	4342.62	33.54	-88.49	88.31	8.67

4392	35.53	274.81	4369.18	35.34	-106.24	106.05	10.8
4423	38.78	272.64	4393.89	36.54	-124.92	124.72	11.3
4455	42.47	271.58	4418.17	37.3	-145.74	145.54	11.73
4487	46.43	271.59	4441.01	37.92	-168.14	167.93	12.37
4519	50.47	271.91	4462.23	38.65	-192.07	191.86	12.65
4550	54.34	272.23	4481.14	39.54	-216.61	216.39	12.51
4582	57.95	270.75	4498.96	40.23	-243.17	242.95	11.92
4613	60.76	269.87	4514.76	40.37	-269.84	269.62	9.39
4645	64.02	268.51	4529.59	39.96	-298.19	297.97	10.86
4677	67.27	267.23	4542.79	38.87	-327.31	327.1	10.79
4708	70.79	266.95	4553.88	37.4	-356.22	356.01	11.39
4740	74.3	266.02	4563.48	35.53	-386.68	386.48	11.31
4772	78	266.14	4571.14	33.41	-417.67	417.49	11.57
4804	80.2	266.56	4577.19	31.41	-449.03	448.85	6.99
4835	82.22	267.66	4581.92	29.86	-479.63	479.46	7.4
4931	90.4	270.29	4588.1	28.16	-575.32	575.16	8.95
5026	93.12	270.05	4585.18	28.44	-670.27	670.1	2.87
5121	92.51	268.26	4580.51	27.04	-765.14	764.98	1.99
5216	93.03	267.95	4575.92	23.91	-859.97	859.83	0.64
5311	91.71	266.1	4571.99	18.98	-954.76	954.64	2.39
5407	90.75	264.45	4569.93	11.07	-1050.41	1050.33	1.99
5502	92.15	263.42	4567.53	1.04	-1144.84	1144.82	1.83
5629	91.54	261.88	4563.44	-15.2	-1270.73	1270.79	1.3
5724	91.36	262.81	4561.04	-27.85	-1364.85	1364.98	1
5820	93.03	264.23	4557.36	-38.68	-1460.16	1460.35	2.28
5915	94.88	265.09	4550.81	-47.5	-1554.52	1554.75	2.15
6007	94.97	264.77	4542.91	-55.6	-1645.82	1646.1	0.36
6131	94.88	266.77	4532.26	-64.71	-1769.02	1769.34	1.61
6257	94.79	266.47	4521.64	-72.11	-1894.35	1894.71	0.25
6381	94.18	265.77	4511.95	-80.48	-2017.69	2018.09	0.75
6507	93.91	267.14	4503.06	-88.25	-2143.13	2143.58	1.11
6631	93.39	268.55	4495.16	-92.9	-2266.79	2267.26	1.21
6756	90.92	269.2	4490.46	-95.35	-2391.66	2392.15	2.04
6881	89.78	268.38	4489.7	-97.99	-2516.63	2517.12	1.12
7007	92.07	269.43	4487.67	-100.4	-2642.58	2643.09	2
7131	91.45	268.39	4483.86	-102.76	-2766.5	2767.01	0.98
7256	91.01	267.84	4481.17	-106.87	-2891.4	2891.94	0.56
7380	90.66	269.33	4479.37	-109.93	-3015.35	3015.9	1.23
7505	91.01	270.24	4477.54	-110.4	-3140.33	3140.88	0.78
7599	90.22	270.67	4476.54	-109.65	-3234.32	3234.87	0.96
7693	90.75	272.9	4475.74	-106.72	-3328.27	3328.8	2.44
7786	90.22	272.62	4474.95	-102.25	-3421.16	3421.66	0.64
7881	88.72	271.67	4475.83	-98.69	-3516.08	3516.56	1.87
8004	89.96	272.12	4477.25	-94.62	-3639	3639.46	1.07
8129	91.19	272.6	4475.99	-89.48	-3763.89	3764.32	1.06
8285	91.1	270.26	4472.88	-85.58	-3919.8	3920.2	1.5
8450	91.1	270.26	4469.72	-84.84	-4084.76	4085.16	0

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36237	Pool Code 77660	Pool Name Gopher (Wolfcamp)
Property Code 37038	Property Name NIAGARA 3 FEE COM	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3934'

Surface Location

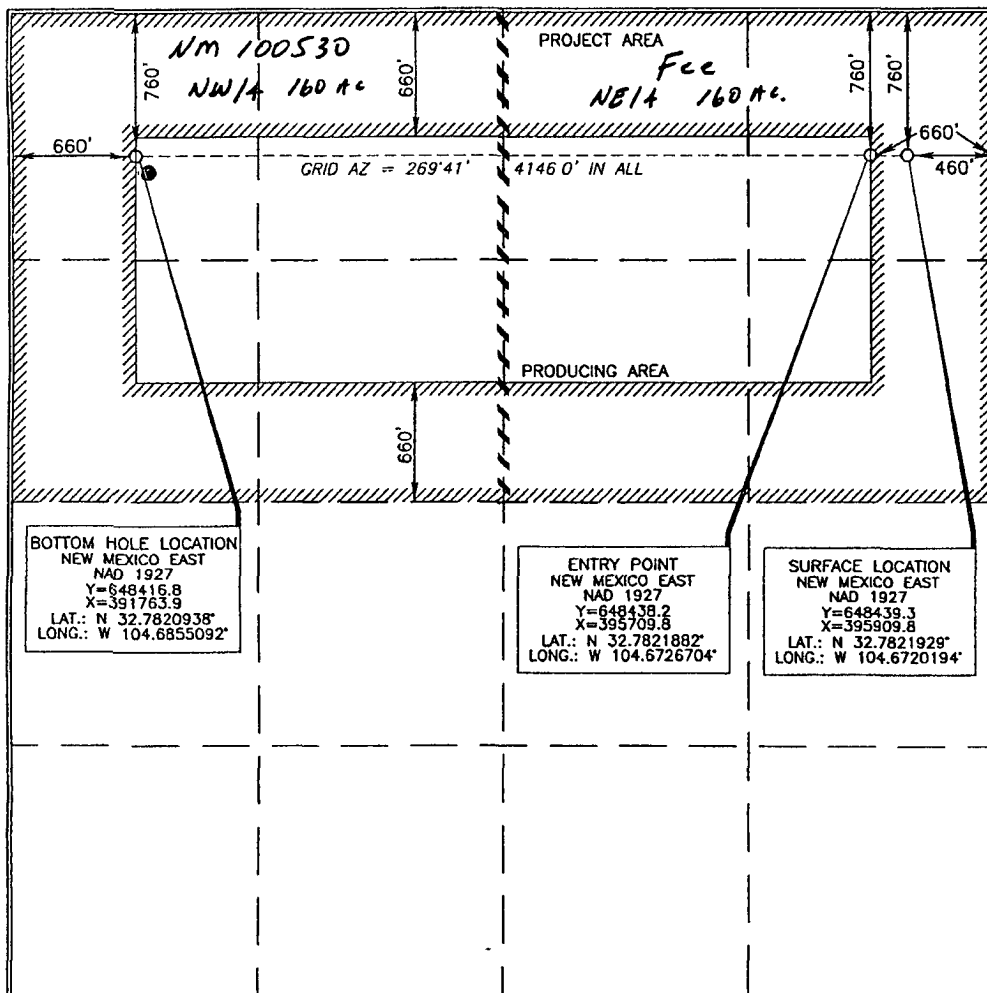
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	3	18 SOUTH	23 EAST, N.M.P.M.		760'	NORTH	460'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	3	18 SOUTH	23 EAST, N.M.P.M.		844	NORTH	735	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Don D. Met 3/30/08
Signature Date
Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

15079
SEPTEMBER 24 2007
Date of Survey
Terry J. Noel 10/3/2007
Signature and Seal of Professional Surveyor
Certificate Number 15079

WO# 070927WL-a (KA)