

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 10 2007

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

SUNDRY NOTICES AND REPORTS ON WELLS OGD-ARTESIA
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.

3a Address
P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (include area code)
432 686 3689

4. Location of Well (Footage, Sec, T., R., M., or Survey Description)
**2072' FSL & 1705' FWL
Sec 24, T17S, R30E**

5. Lease Serial No.

NM2747 (S/L); NM74939; LC055264

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Burnett Oil 24 3

Fed Com

9. API Well No.

30-015-35418

10. Field and Pool, or Exploratory Area

**Loco Hills; Atoka
Cedar Lake; Morrow**

11. County or Parish, State

Eddy NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>casing test and completion</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> 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.)

6/03/07 Ran 108 jts 8 5/8", 32 #, HCK-55 & NS-80 casing set @ 4500'.

Cemented as follows: Option 2 NMOC rule 107G

1. 1100 sx 50/50 POZ, 11.9 ppg, 2.47 yield; 200 sx Class C, 14.8 ppg, 1.33 yield.

Circulated 245 sx to surface. Witnessed by Jerry Blakely - BLM.

2. Approximate temperature of cement when mixed - 75 deg F

3. Estimated minimum formation temperature in zone of interest - 120 deg F

4. Estimated cement strength at time of casing test - 820 psi

5. Actual time cement in place prior to starting test - 13.5 hrs

Tested casing to 2000 psi fro 30 min. Test good.

6/19/07 TD @ 11603'.

6/24/07 Ran 272 jts 5 1/2", 17 #, HCP-110 casing set @ 11600'.

6/25/07 Cemented w/ 700 sx 50/50 POZ, 11.9 ppg, 2.39 yield; 375 sx FVL, 13.0 ppg, 1.47 yield.

Ran temperature survey, TOC @ 3841'. Released rig.

7/06/07 MIRU for completion.

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **8 /23/07**

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.

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2072' FSL & 1705' FWL

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Cedar Lake; Morrow

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☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

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7/07/07 RIH w/ 4 3/4" bit. Tagged wiper plug @ 11445'. Prep to drill out wiper plug, float collar, & cement.

7/08/07 Drill out to 11570'. Circulated hole clean. Step rate tested 5 1/2" casing to 8000 psi for 30 min. Test good.

7/09/07 Ran cement bond log & found TOC @ 3845'.

7/11/07 Perforated from 11486' to 11490', 0.48", 25 holes.

7/12/07 Acidized w/ 1500 gals 15% HCL. Swab, no flow. All load recovered. Will abandon zone.

7/13/07 RIH w/ 5 1/2" CIBP and set @ 11430'. Pressure test good.

Dump bail 20' of cement on CIBP. TOC @ 11410'.

7/15/07 Perforated from 11116' to 11130', 0.48", 84 holes.

Perforated from 11152' to 11156', 0.48", 24 holes.

Left open to flow. No fluid recovery, very slight gas blow.

7/18/07 Frac w/ 1500 gal 7 1/2% Ferchek SC acid; 35700 lbs Sintered Bauxite.

Set 5 1/2" composite bridge plug @ 10840'.

Perforated from 10750' to 10755', 0.48", 30 holes.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Stan Wagner

Date

8/23/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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UNITED STATES
DEPARTMENT OF THE INTERIOR
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SEP 10 2007
OCD-ARTESIA

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7/18/07 Frac w/ 1434 gal 7 1/2% Ferchek SC acid; 11200 lbs Sintered Bauxite.
Flow back to clean up.

7/23/07 RIH w/ 2 3/8" production tubing and packer set at 10680'.
Flow back.

7/24/07 Turned to sales.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Stan Wagner

Title

Regulatory Analyst

Signature

Date **8/23/07**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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June 20, 2007

SEP 10 2007
OCD-ARTESIA

EOG RESOURCES
4000 N Big Spring
Suite 500
Midland, TX 79705

RE: EOG RESOURCES
BERNETT OIL 24 FED. COM #3
EDDY COUNTY, NM
RIG: MCVAY #10
API.: 42-105-40250
FIELD: CEDAR LAKE MORROW
PES FILE NO.: 101006479-WT-WT

To whom it may concern:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was run.

DIRECTIONAL SURVEY DATA
1 – Original survey report
2 – Survey report copies

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (432) 687-1647

Sincerely,



Cody Mebane
M/LWD Service Coordinator
PathFinder Energy Services

ML:sh

SEP 10 2007
OCD-ARTESIA

DIRECTIONAL SURVEY REPORT

EOG RESOURCES

BERNETT OIL 24 FED. COM #3

EDDY COUNTY, NEW MEXICO

PREPARED BY: CODY MEBANE

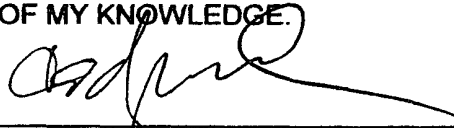
DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) JUSTIN RICE
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 06/06/07 TO 06/12/07
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: EDDY COUNTY, NM
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

EOG RESOURCES
BERNETT OIL 24 FED. COM #3
EDDY COUNTY, NM
RIG: MCVAY #10

9. SURVEY CERTIFIED FROM: 4679 TO 11035 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE
DISPLACED AT 56.19 FEET ON A BEARING OF 82.44 DEGREES FROM THE
CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 11035 FEET,
ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



Cody Mebane
M/LWD SERVICE COORDINATOR

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 06/06/2007
Date Completed: 06/16/2007

EOG RESOURCES
BURNETT OIL 24 FED COM #3
EDDY COUNTY, NEW MEXICO
Rig:McVAY 10
PathFinder Office Supervisor: CODY MEBANE
PathFinder Field Engineers:JUSTIN RICE

Survey Horiz. Reference:WELLHEAD
Ref Coordinates: LAT:32.49.4.9479 N LON:103.55.41.5323 W
GRID Reference:NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 624460.8000 Y: 661552.9000
North Aligned To:GRID NORTH
Total Magnetic Correction: 8.05° EAST TO GRID
Vertical Section Plane: 0.00
Survey Vert. Reference: 0.00' Kelly Bushing To Ground

Measured Depth	11035.00	(feet)
Inclination	0.88	(deg)
Azimuth	153.59	(deg)
True Vertical Depth	11034.31	(feet)
Vertical Section	7.39	(feet)
Survey X cord	624516.50	(feet)
Survey Y cord	661560.29	(feet)
Survey Lat	32.81806080 N	(deg)
Survey Lon	103.92802199 W	(deg)
Rectangular Corr. N/S	7.39 N	(feet)
Rectangular Corr. E/W	55.70 E	(feet)
Closure Distance	56.19	(feet)
Direction of Closure	82.44	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

EOG RESOURCES

BURNETT OIL 24 FED COM #3

EDDY COUNTY, NEW MEXICO

Rig:McVAY 10

PathFinder Office Supervisor: CODY MEBANE

PathFinder Field Engineers: JUSTIN RICE

Survey Horiz. Reference:WELLHEAD

Ref Coordinates: LAT:32.49.4.9479 N LON:103.55.41.5323 W

Reference:NAD27 new mexico east Transverse Mercator

Ref GRID Coord: X: 624460.8000 Y: 661552.9000

North Aligned To:GRID NORTH

Total Magnetic Correction: 8.05° EAST TO GRID

Vertical Section Plane: 0.00

Survey Vert. Reference: 0.00' Kelly Bushing To Ground

Survey Calculations by RX5 V5.11D using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Retangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)	DLS (dg/100ft)	
NO TIE IN PROVIDED. TIE IN TO SURFACE.										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
4679.00	0.79	101.65	4678.85	4679.00	-6.51	6.51 S	31.59 E	32.26@	101.65	0.02
6264.00	0.62	19.30	6263.77	1585.00	-0.63	0.63 S	45.13 E	45.13@	90.80	0.06
6326.00	0.88	64.12	6325.76	62.00	-0.10	0.10 S	45.67 E	45.67@	90.13	1.00
6389.00	0.97	57.09	6388.75	63.00	0.40	0.40 N	46.55 E	46.55@	89.51	0.23
6451.00	0.97	44.52	6450.74	62.00	1.06	1.06 N	47.36 E	47.37@	88.72	0.34
6513.00	1.49	39.86	6512.73	62.00	2.05	2.05 N	48.24 E	48.29@	87.57	0.85
6576.00	1.14	33.18	6575.71	63.00	3.20	3.20 N	49.11 E	49.22@	86.27	0.61
6638.00	1.06	6.55	6637.70	62.00	4.29	4.29 N	49.51 E	49.70@	85.05	0.83
6700.00	0.97	18.86	6699.69	62.00	5.36	5.36 N	49.75 E	50.04@	83.85	0.38
6763.00	0.79	23.25	6762.68	63.00	6.26	6.26 N	50.09 E	50.48@	82.88	0.31
6857.00	0.79	13.06	6856.68	94.00	7.49	7.49 N	50.50 E	51.05@	81.57	0.15
6951.00	0.53	20.53	6950.67	94.00	8.53	8.53 N	50.79 E	51.51@	80.47	0.29
7045.00	0.53	36.00	7044.67	94.00	9.28	9.28 N	51.20 E	52.04@	79.72	0.15
7138.00	0.62	38.90	7137.66	93.00	10.02	10.02 N	51.77 E	52.73@	79.04	0.10
7231.00	0.62	25.36	7230.65	93.00	10.87	10.87 N	52.30 E	53.42@	78.26	0.16
7324.00	0.62	14.37	7323.65	93.00	11.81	11.81 N	52.64 E	53.95@	77.35	0.13
7418.00	0.79	19.12	7417.64	94.00	12.92	12.92 N	52.98 E	54.53@	76.30	0.19
7528.00	0.88	17.98	7527.63	110.00	14.44	14.44 N	53.49 E	55.41@	74.90	0.08
7606.00	0.79	12.35	7605.62	78.00	15.53	15.53 N	53.79 E	55.99@	73.89	0.16
7701.00	0.88	15.43	7700.61	95.00	16.88	16.88 N	54.13 E	56.69@	72.68	0.11
7796.00	0.88	15.25	7795.60	95.00	18.28	18.28 N	54.51 E	57.50@	71.46	0.00

PathFinder Energy Services, Inc.

Survey Report

EOG RESOURCES
BURNETT OIL 24 FED COM #3
EDDY COUNTY, NEW MEXICO
RIG:McVAY 10

Page 02/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Retangular Offsets (ft) (ft)		Closure Dist (ft)	Dir (deg)	DLS (dg/100ft)
7892.00	0.79	17.36	7891.59	96.00	19.63	19.63 N	54.90 E	58.30@	70.33	0.10
7988.00	0.79	18.59	7987.58	96.00	20.88	20.88 N	55.31 E	59.12@	69.31	0.02
8084.00	1.06	21.32	8083.57	96.00	22.34	22.34 N	55.84 E	60.15@	68.20	0.28
8179.00	1.06	22.28	8178.55	95.00	23.97	23.97 N	56.50 E	61.37@	67.01	0.02
8275.00	0.62	16.40	8274.54	96.00	25.29	25.29 N	56.98 E	62.34@	66.07	0.47
8370.00	0.70	23.60	8369.54	95.00	26.31	26.31 N	57.36 E	63.11@	65.36	0.12
8466.00	0.70	37.84	8465.53	96.00	27.32	27.32 N	57.95 E	64.07@	64.76	0.18
8562.00	0.53	26.94	8561.52	96.00	28.17	28.17 N	58.51 E	64.94@	64.29	0.21
8658.00	0.53	11.21	8657.52	96.00	29.01	29.01 N	58.80 E	65.57@	63.74	0.15
8753.00	0.26	4.44	8752.52	95.00	29.65	29.65 N	58.90 E	65.95@	63.28	0.29
8849.00	0.44	276.20	8848.52	96.00	29.91	29.91 N	58.55 E	65.75@	62.94	0.53
8945.00	0.70	270.40	8944.51	96.00	29.95	29.95 N	57.60 E	64.92@	62.53	0.28
9041.00	0.97	255.90	9040.50	96.00	29.76	29.76 N	56.23 E	63.62@	62.11	0.35
9137.00	1.23	278.31	9136.48	96.00	29.71	29.71 N	54.42 E	62.00@	61.37	0.52
9234.00	0.44	230.85	9233.47	97.00	29.62	29.62 N	53.10 E	60.80@	60.84	1.02
9330.00	0.26	174.60	9329.47	96.00	29.18	29.18 N	52.83 E	60.35@	61.09	0.38
9423.00	0.62	164.32	9422.47	93.00	28.48	28.48 N	52.99 E	60.16@	61.74	0.39
9519.00	0.53	166.60	9518.46	96.00	27.55	27.55 N	53.23 E	59.94@	62.64	0.10
9615.00	0.53	182.77	9614.46	96.00	26.67	26.67 N	53.31 E	59.61@	63.42	0.16
9712.00	0.88	187.43	9711.45	97.00	25.49	25.49 N	53.20 E	58.99@	64.40	0.36
9804.00	1.06	190.51	9803.44	92.00	23.95	23.95 N	52.95 E	58.11@	65.66	0.20
9897.00	0.97	170.82	9896.42	93.00	22.33	22.33 N	52.92 E	57.44@	67.12	0.39
9989.00	0.97	165.11	9988.41	92.00	20.81	20.81 N	53.24 E	57.16@	68.66	0.10
10082.00	0.88	164.14	10081.40	93.00	19.36	19.36 N	53.64 E	57.03@	70.16	0.10
10177.00	0.88	170.47	10176.39	95.00	17.94	17.94 N	53.96 E	56.86@	71.61	0.10
10271.00	1.06	179.43	10270.38	94.00	16.35	16.35 N	54.09 E	56.51@	73.18	0.25
10365.00	1.14	175.30	10364.36	94.00	14.55	14.55 N	54.17 E	56.09@	74.96	0.12

PathFinder Energy Services, Inc.

Survey Report

EOG RESOURCES
BURNETT OIL 24 FED COM #3
EDDY COUNTY, NEW MEXICO
RIG:McVAY 10

Page 03/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
10458.00	0.44	214.41	10457.35	93.00	13.34	13.34 N	54.05 E	55.67@	76.14	0.91
10551.00	0.70	195.52	10550.34	93.00	12.49	12.49 N	53.69 E	55.13@	76.90	0.34
10645.00	0.53	177.76	10644.34	94.00	11.51	11.51 N	53.56 E	54.78@	77.87	0.27
10739.00	0.53	153.77	10738.34	94.00	10.68	10.68 N	53.77 E	54.82@	78.76	0.23
10834.00	0.62	142.61	10833.33	95.00	9.88	9.88 N	54.27 E	55.17@	79.68	0.15
10926.00	0.88	149.73	10925.32	92.00	8.87	8.87 N	54.93 E	55.64@	80.82	0.30
10988.00	0.88	153.59	10987.32	62.00	8.04	8.04 N	55.38 E	55.96@	81.74	0.10
STRAIGHT LINE PROJECTION TO BIT @ 11035' MD.										
11035.00	0.88	153.59	11034.31	47.00	7.39	7.39 N	55.70 E	56.19@	82.44	0.00

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

EOG RESOURCES
BURNETT OIL 24 FED COM #3
EDDY COUNTY, NEW MEXICO
Rig:McVAY #10

Mon Jun 04 16:27:23 2007

Coordinates

Latitude: 32.818041 N (32 deg. 49 min. 4.9479 sec.)
Longitude: 103.928203 W (-103 deg. 55 min. 41.5323 sec.)
Elevation: 3689.00 feet.
Calculation Date: Jun/04/2007

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.7839 degrees
Total Magnetic Field: 0.49358 gauss
Magnetic Declination: 8.265880 degrees
Horizontal Intensity: 0.240917 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.265880 Degs

Transverse Mercator Grid Calculations NAD27

Grid System: Transverse Mercator: new mexico east
Ellipsoid: Clarke 1866
X: 624460.8000 feet
Y: 661552.9000 feet
True to Grid: (convergence) -0.219572 degrees
Magnetic to Grid: 8.046308 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 8.046308 Degs.



TIE-IN SURVEY INFORMATION SHEET

SEP 10 2007
OCD-ARTESIA

CLIENT INFORMATION

CLIENT:	EOG RESOURCES		
LEASE / WELL No.:	BERNETT OIL 24 FED. COM # 3		
WELL LOCATION:	NEW MEXICO, EDDY COUNTY		
COUNTY / STATE / COUNTRY:	EDDY	NEW MEXICO	USA
RIG:	MC VAY 10		
API WELL No:			
JOB No:	101006479		
P.O. / AFE No.			
DIRECTIONAL COMPANY:	PATHFINDER		

WELL SITE INFORMATION

MAGNETIC DECLINATION:			
<i>On Wall Plat:</i>		<i>LWD Calculated:</i>	
X = 624460.800000 Feet		Y = 661552.900000 Feet	
SITE LATITUDE: 32.8180412 N		SITE LONGITUDE: 103.928203 W	
GRID SYSTEM: TRUE <input type="checkbox"/> UTM <input type="checkbox"/> LAMBERT <input checked="" type="checkbox"/>		ZONE: NM, EAST	
PROPOSED DRIFT DIRECTION:		0	
KELLY BUSHING ELEVATION:			
ALTITUDE: 3689 Feet		WATER DEPTH: 0 Feet	

TIE-IN SURVEY

MEASURED DEPTH:	0		
DRIFT ANGLE:	0		
DRIFT DIRECTION:	0		
TRUE VERTICAL DEPTH:	0		
VERTICAL SECTION:	0		
RECTANGULAR COORDINATE (N / S) :	0		
RECTANGULAR COORDINATE (E / W) :	0		
CLOSURE DISTANCE / DIRECTION:	0	0	
SURVEY CALCULATION METHOD:	AA <input type="checkbox"/>	MC <input checked="" type="checkbox"/>	RC <input type="checkbox"/> BT <input type="checkbox"/>
SOURCE OF TIE-IN DATA (COMPANY):	NA		
COPY OF TIE-IN SURVEY REPORT	<input type="checkbox"/> YES		<input checked="" type="checkbox"/> NO

WELL PLAN

KICKOFF DEPTH:	TOTAL DEPTH:
KICKOFF ANGLE:	MAX ANGLE:

PES Engineers: J RICE
L HUGHEY

**Signature of both field engineers required if applicable

Directional Driller: B LONG

DATE: 6-Jun-2007