

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-41516
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Devon Energy Production Company, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 333 W. Sheridan Avenue, Oklahoma City, Oklahoma 73102-1005 (405) 552-7848		7. Lease Name or Unit Agreement Name BELL LAKE 19 STATE
4. Well Location Unit Letter <u>O</u> : <u>200</u> feet from the <u>S</u> line and <u>1870</u> feet from the <u>E</u> line Section <u>19</u> Township <u>24S</u> Range <u>33E</u> NMPM Lea, County New Mexico		8. Well Number <u>3H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3548.4'		9. OGRID Number 6137
		10. Pool name or Wildcat WC-025 G-07 S243225C; LOWER BS

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Devon Energy Production Co., L.P. respectfully requests to change the original approved permit as follows:

- 1) Change intermediate casing setting depth from 4,900' to 5,200' to cover projected salt section based upon lithology from Bell Lake 19 State 4H.
- 2) Change production casing from 16,113' TD, 17#, 5-1/2" P-110 to:

7", 29#, P-110 to KOP (10,550'); and 5-1/2", 17#, P-110 set @ TD 15,625'

Please see attached revised directional survey and cement plan changes for both intermediate and production casing.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David H. Cook TITLE Regulatory Specialist DATE 6/12/2014

Type or print name David H. Cook E-mail address: david.cook@dvn.com PHONE: (405) 552-7848

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 06/16/14

Conditions of Approval (if any):

JUN 17 2014

3.3 Job Volume Estimates

Intermediate Casing

Stage 1

Fluid 1: Water Spacer

Red Dye Spacer

0.10 lbm/bbl Rhodamine Red Dye No. 2

Fluid Density: 8.34 lbm/gal

Volume: 20 bbl

Fluid 2: Lead Slurry

ECONOCHEM (TM) SYSTEM

5 % Salt

0.1250 lbm Poly-E-Flake

0.50 % HR-800

Fluid Weight: 12.9 lbm/gal

Volume: 370.3 bbl

Slurry Yield: 1.854 ft³/sack

Total Mixing Fluid: 9.84 Gal/sack

Top Of Fluid: 0 ft

Calculated Fill: 4200 ft

Calculated sack: 1121.30 sack

Proposed sack: 1130 sack

Fluid 3: Tail Slurry

HALCEM (TM) SYSTEM

0.1250 lbm Poly-E-Flake

0.20 % HR-800

Fluid Weight: 14.8 lbm/gal

Volume: 100.7 bbl

Slurry Yield: 1.327 ft³/sack

Total Mixing Fluid: 6.32 Gal/sack

Top Of Fluid: 4200 ft

Calculated Fill: 1000 ft

Calculated sack: 425.85 sack

Proposed sack: 430 sack

Fluid 4: Water Spacer

Fresh Water Displacement

Fluid Density: 8.34 lbm/gal

Volume: 391.3 bbl

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4.3 Job Volume Estimates

Production Casing

Stage 1

Fluid 1: Water Spacer

Red Dye Spacer

0.10 lbm/bbl Rhodamine Red Dye No. 2

Fluid Density: 8.34 lbm/gal

Volume: 20 bbl

Fluid 2: Lightweight

TUNED LIGHT (TM) SYSTEM

0.1250 lbm Poly-E-Flake

Fluid Weight: 11 lbm/gal

Volume: 118.6 bbl

Slurry Yield: 2.55 ft³/sack

Total Mixing Fluid: 14.81 Gal/sack

Top Of Fluid: 0 ft

Calculated Fill: 4200 ft

Calculated sack: 261.03 sack

Proposed sack: 270 sack

Fluid 3: Tail Slurry

VERSACEM (TM) SYSTEM

0.50 % Halad(R)-344

0.25 % CFR-3

0.10 % HR-601

Fluid Weight: 14.5 lbm/gal

Volume: 493.6 bbl

Slurry Yield: 1.204 ft³/sack

Total Mixing Fluid: 5.31 Gal/sack

Top Of Fluid: 4200 ft

Calculated Fill: 11425 ft

Calculated sack: 2301.86 sack

Proposed sack: 2310 sack

Fluid 4: Water Spacer

Displacement

Fluid Density: 8.33 lbm/gal

Volume: 509 bbl

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Plan Data for Bell Lake 19 State 3H

Plan Point Information:
 Dogleg Severity Unit: */100.00ft Position offsets from Slot centre
 MD Inc Az TVD +N/-S +E/-W Northing Easting VSec DLS
 (USft) (°) (°) (USft) (USft)(USft) (USft) (USft) (DLSU)
 0.00 0.00 0.00 0.00 0.00 0.00 435963.17 765424.33 0.00 0.00
 10550.05 0.00 0.00 10550.05 0.00 0.00 435963.17 765424.33 0.00 0.00
 11452.80 90.27 0.07 11123.00 575.70 0.73 436538.87 765425.06 575.41 10.00
 15625.28 90.27 0.07 11103.00 4748.14 6.04 440711.31 765430.37 4745.69 0.00

Plan Data for Bell Lake 19 State 3H

Slot: Bell Lake 19 State 3H
 Position:
 Offset is from Site centre
 +N/-S: 0.38USft Northing: 435963.17USft Latitude: 32°11'47.3"
 +E/-W: 49.98USft Easting: 765424.33USft Longitude: -103°36'32.1"
 Elevation Above VRD: 3548.00USft

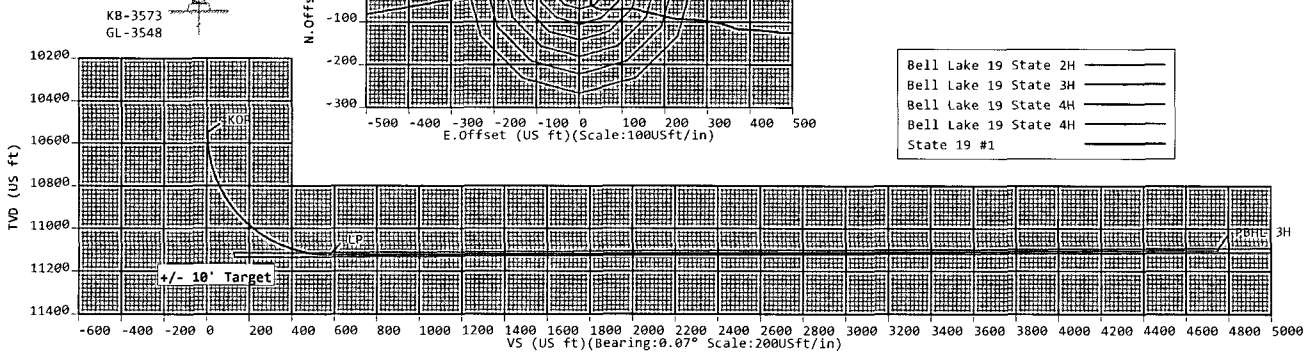
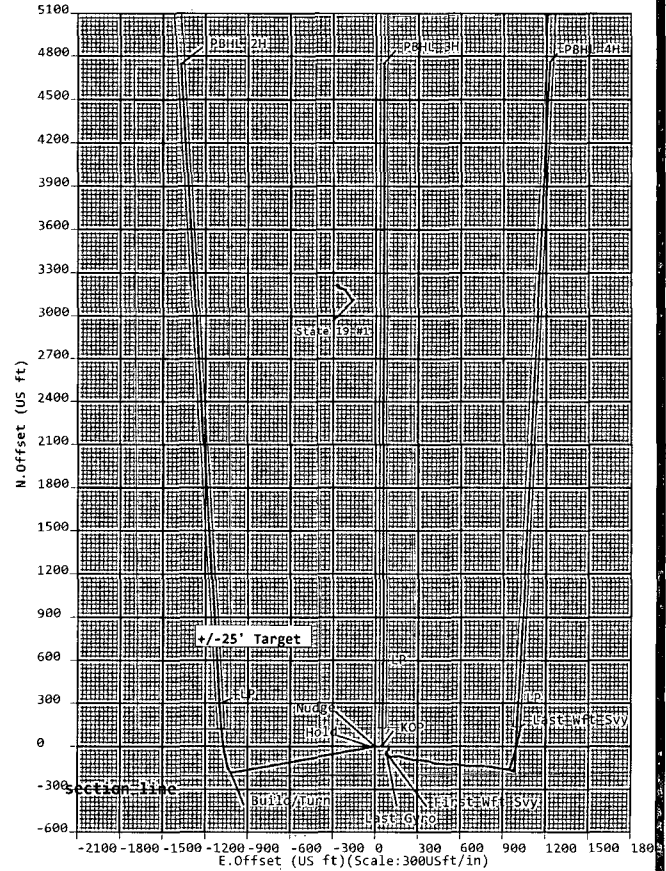
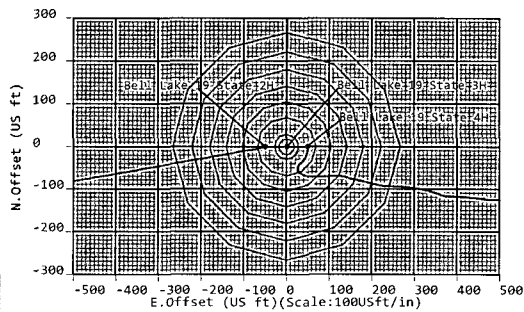
Plan Data for Bell Lake 19 State 3H

Target Set Information:
 Name: Bell Lake 19 State 3H
 Position offsets from Slot centre
 Name TVD +N/-S +E/-W Northing Easting Shape Comment
 (USft) (USft)(USft) (USft) (USft) (USft)
 PBHL 3H 11103.00 4748.14 6.04 440711.31 765430.37 Cuboid

Plan Data for Bell Lake 19 State 3H

Target Set Information:
 Name: Bell Lake 19 State 3H
 Position offsets from Slot centre
 Name TVD +N/-S +E/-W Northing Easting Shape Comment
 (USft) (USft)(USft) (USft) (USft) (USft)
 PBHL 3H 11103.00 4748.14 6.04 440711.31 765430.37 Cuboid
 1000' 17.78 R 1000.00 0.00 0.00 435963.17 765424.33 Cylinder
 2000' 27.93 R 2000.00 0.00 0.00 435963.17 765424.33 Cylinder
 3000' 68.29 R 3000.00 0.00 0.00 435963.17 765424.33 Cylinder
 4000' 104.47 R 4000.00 0.00 0.00 435963.17 765424.33 Cylinder
 5000' 141.50 R 5000.00 0.00 0.00 435963.17 765424.33 Cylinder
 6000' 179.95 R 6000.00 0.00 0.00 435963.17 765424.33 Cylinder
 7000' 221.34 R 7000.00 0.00 0.00 435963.17 765424.33 Cylinder
 8000' R 266.28 R 8000.00 0.00 0.00 435963.17 765424.33 Cylinder

2.5 SF
 1,000' Intervals



Sign Off: Russell Joyner

5D Plan Report**Devon Energy**

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Bell Lake 19 State 2,3,4H Pad*
Well Name: *Bell Lake 19 State 3H*
Plan: *P1:V4*

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Bell Lake 19 State 3H

Field Name Lea Co., NM Nad 83 NMEZ	Map Units : US ft		Company Name : Devon Energy	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
Comment :				
Site Name Bell Lake 19 State 2,3,4H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.39	
	Position	Northing : 435962.79 US ft	Latitude : 32° 11' 47.27"	
		Easting : 765374.35 US ft	Longitude : -103° 36' 32.64"	
Elevation above Mean Sea Level: 3548.00 US ft				
Comment :				
Slot Name Bell Lake 19 State 3H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.38 US ft	Northing : 435963.17 US ft	Latitude : 32°11'47.27"	
	+E / -W : 49.98 US ft	Easting : 765424.33 US ft	Longitude : -103°36'32.06"	
Slot TVD Reference : Ground Elevation				
Elevation above Mean Sea Level : 3548.00 US ft				
Comment :				
Well Name Bell Lake 19 State 3H	Type : Main well		UWI :	Plan : P1:V4
	Rig Height Drill Floor : 25.00 US ft		Comment :	
	Relative to Mean Sea Level: 3573.00 US ft			
	Closure Distance : 4748.14 US ft		Closure Azimuth : 0.0728846°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az : 0.07°
	Magnetic Parameters			
	Model : BGGM	Field Strength : 48311.6nT	Dec : 7.36°	Dip : 60.07° Date : 30/Apr/2014

Target Set

Name : Bell Lake 19 State **Number of Targets :** 1

3H

Comment :

Target Name: PBHL 3H	Position (Relative to Slot centre)			
	+N / -S : 4748.14US ft	Northing : 440711.31 US ft	Latitude : 32°12'34.26"	
	+E / -W : 6.04 US ft	Easting : 765430.37US ft	Longitude : -103°36'31.61"	
Shape: Cuboid	TVD (Drill Floor) : 11103.00 US ft			
Orientation Azimuth : 0.07°		Inclination : 0.27°		
Dimensions	Length : 9238.00 US ft	Breadth : 50.00 US ft	Height : 20.00 US ft	

Casing Points (Relative to Slot centre, TVD relative to Drill Floor)								
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
4900.00	0.00	0.00	4900.00	0.00	0.00	435963.17	765424.33	9 5/8 in

5D Plan Report

Well path created using minimum curvature

Salient Points (Relative to Slot centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	DLS (°/100 US ft)	VS (US ft)	T. Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	0.00	9 5/8 in
10550.05	0.00	0.00	10550.05	0.00	0.00	0.00	0.00	0.00	KOP
11452.80	90.27	0.07	11123.00	575.70	0.73	10.00	575.70	0.07	LP
15625.28	90.27	0.07	11103.00	4748.14	6.04	0.00	4748.14	0.00	PBHL 3H

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
10500.00	0.00	0.00	10500.00	0.00	0.00	0.00	0.00	435963.17	765424.33	
10550.05	0.00	0.00	10550.05	0.00	0.00	0.00	0.00	435963.17	765424.33	KOP
10600.00	5.00	0.07	10599.94	2.18	0.00	2.18	10.00	435965.35	765424.33	
10700.00	15.00	0.07	10698.29	19.51	0.02	19.51	10.00	435982.68	765424.35	
10800.00	25.00	0.07	10792.15	53.66	0.07	53.66	10.00	436016.83	765424.40	
10900.00	35.00	0.07	10878.64	103.59	0.13	103.59	10.00	436066.76	765424.46	
11000.00	45.00	0.07	10955.16	167.78	0.21	167.78	10.00	436130.95	765424.54	
11100.00	55.00	0.07	11019.36	244.28	0.31	244.28	10.00	436207.45	765424.64	
11200.00	65.00	0.07	11069.30	330.77	0.42	330.77	10.00	436293.94	765424.75	
11300.00	75.00	0.07	11103.47	424.62	0.54	424.62	10.00	436387.79	765424.87	
11400.00	85.00	0.07	11120.82	522.97	0.67	522.97	10.00	436486.14	765425.00	
11452.80	90.27	0.07	11123.00	575.70	0.73	575.70	10.00	436538.87	765425.06	LP
11500.00	90.27	0.07	11122.77	622.91	0.79	622.91	0.00	436586.08	765425.12	
11600.00	90.27	0.07	11122.30	722.91	0.92	722.91	0.00	436686.08	765425.25	
11700.00	90.27	0.07	11121.82	822.90	1.05	822.90	0.00	436786.07	765425.38	
11800.00	90.27	0.07	11121.34	922.90	1.17	922.90	0.00	436886.07	765425.50	
11900.00	90.27	0.07	11120.86	1022.90	1.30	1022.90	0.00	436986.07	765425.63	
12000.00	90.27	0.07	11120.38	1122.90	1.43	1122.90	0.00	437086.07	765425.76	
12100.00	90.27	0.07	11119.90	1222.90	1.56	1222.90	0.00	437186.07	765425.89	
12200.00	90.27	0.07	11119.42	1322.90	1.68	1322.90	0.00	437286.07	765426.01	
12300.00	90.27	0.07	11118.94	1422.90	1.81	1422.90	0.00	437386.07	765426.14	
12400.00	90.27	0.07	11118.46	1522.90	1.94	1522.90	0.00	437486.07	765426.27	
12500.00	90.27	0.07	11117.98	1622.89	2.06	1622.90	0.00	437586.06	765426.39	
12600.00	90.27	0.07	11117.50	1722.89	2.19	1722.89	0.00	437686.06	765426.52	
12700.00	90.27	0.07	11117.02	1822.89	2.32	1822.89	0.00	437786.06	765426.65	
12800.00	90.27	0.07	11116.54	1922.89	2.45	1922.89	0.00	437886.06	765426.78	
12900.00	90.27	0.07	11116.06	2022.89	2.57	2022.89	0.00	437986.06	765426.90	
13000.00	90.27	0.07	11115.58	2122.89	2.70	2122.89	0.00	438086.06	765427.03	
13100.00	90.27	0.07	11115.11	2222.89	2.83	2222.89	0.00	438186.06	765427.16	
13200.00	90.27	0.07	11114.63	2322.89	2.95	2322.89	0.00	438286.06	765427.28	
13300.00	90.27	0.07	11114.15	2422.88	3.08	2422.89	0.00	438386.05	765427.41	
13400.00	90.27	0.07	11113.67	2522.88	3.21	2522.89	0.00	438486.05	765427.54	
13500.00	90.27	0.07	11113.19	2622.88	3.34	2622.88	0.00	438586.05	765427.67	
13600.00	90.27	0.07	11112.71	2722.88	3.46	2722.88	0.00	438686.05	765427.79	
13700.00	90.27	0.07	11112.23	2822.88	3.59	2822.88	0.00	438786.05	765427.92	
13800.00	90.27	0.07	11111.75	2922.88	3.72	2922.88	0.00	438886.05	765428.05	
13900.00	90.27	0.07	11111.27	3022.88	3.85	3022.88	0.00	438986.05	765428.18	
14000.00	90.27	0.07	11110.79	3122.88	3.97	3122.88	0.00	439086.05	765428.30	
14100.00	90.27	0.07	11110.31	3222.87	4.10	3222.88	0.00	439186.04	765428.43	
14200.00	90.27	0.07	11109.83	3322.87	4.23	3322.88	0.00	439286.04	765428.56	
14300.00	90.27	0.07	11109.35	3422.87	4.35	3422.88	0.00	439386.04	765428.68	
14400.00	90.27	0.07	11108.87	3522.87	4.48	3522.87	0.00	439486.04	765428.81	
14500.00	90.27	0.07	11108.39	3622.87	4.61	3622.87	0.00	439586.04	765428.94	
14600.00	90.27	0.07	11107.91	3722.87	4.74	3722.87	0.00	439686.04	765429.07	
14700.00	90.27	0.07	11107.44	3822.87	4.86	3822.87	0.00	439786.04	765429.19	
14800.00	90.27	0.07	11106.96	3922.87	4.99	3922.87	0.00	439886.04	765429.32	
14900.00	90.27	0.07	11106.48	4022.86	5.12	4022.87	0.00	439986.03	765429.45	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
15000.00	90.27	0.07	11106.00	4122.86	5.24	4122.87	0.00	440086.03	765429.57	
15100.00	90.27	0.07	11105.52	4222.86	5.37	4222.87	0.00	440186.03	765429.70	
15200.00	90.27	0.07	11105.04	4322.86	5.50	4322.86	0.00	440286.03	765429.83	
15300.00	90.27	0.07	11104.56	4422.86	5.63	4422.86	0.00	440386.03	765429.96	
15400.00	90.27	0.07	11104.08	4522.86	5.75	4522.86	0.00	440486.03	765430.08	
15500.00	90.27	0.07	11103.60	4622.86	5.88	4622.86	0.00	440586.03	765430.21	
15600.00	90.27	0.07	11103.12	4722.86	6.01	4722.86	0.00	440686.03	765430.34	
15625.28	90.27	0.07	11103.00	4748.14	6.04	4748.14	0.00	440711.31	765430.37	PBHL 3H

5D Anti-Collision Report**Devon Energy**

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Bell Lake 19 State 2,3,4H Pad*
Well Name: *Bell Lake 19 State 3H*

29 May 2014

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Bell Lake 19 State 3H

Field Name Lea Co, NM Nad 83 NMEZ	Map Units : US ft		Company Name : Devon Energy	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Bell Lake 19 State 2,3,4H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.39	
	Position	Northing : 435962.79 US ft	Latitude : 32° 11' 47.27"	
		Easting : 765374.35 US ft	Longitude : -103° 36' 32.64"	
	Elevation above Mean Sea Level:3548.00 US ft			
Comment :				
Slot Name Bell Lake 19 State 3H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.38 US ft	Northing :435963.17 US ft	Latitude : 32°11'47.27"	
	+E / -W : 49.98 US ft	Easting :765424.33 US ft	Longitude : -103°36'32.06"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3548.00 US ft				
Comment :				
Well Name Bell Lake 19 State 3H	Type : Main well		UWI :	Plan : Working Plan
	Rig Height Drill Floor : 25.00 US ft		Comment :	
	Relative to Mean Sea Level: 3573.00 US ft			
	Closure Distance : 4748.14 US ft		Closure Azimuth : 0.0728846°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :0.07°
	Magnetic Parameters			
Model : BGGM		Field Strength : 48311.6nT	Dec : 7.36°	Dip : 60.07° Date : 30/Apr/2014

Collision / Uncertainty Analysis				
Primary Well	Start MD (US ft)	End MD (US ft)	Collision Risk Interval	No. of Std Deviations in Error Computation
Bell Lake 19 State 3H (p)	0.00	15625.28	100.00	2

Secondary Well Names

State 19 #1 (s)
Bell Lake 19 State 2H (p)
Bell Lake 19 State 4H (s)

Anti Collision Report Terminology

S.Minor, S.Major : Radii of the ellipse of uncertainty at the current location as seen in the along hole direction.

PHI : Angle between high-side vector and semi-minor axis

TVD Spread : Total TVD range of the ellipsoid of uncertainty at the current location

ES : Distance between the extremities of the primary and secondary uncertainty ellipsoids in the direction Cr-Cr

T.Face to Sec : Angle between the Hi-Side vector of the primary well at the current location and line of closest approach between the two wells

5D Anti-Collision Report

Separation factors calculated using Pedal Curve (Independent Uncertainty). Well path created using minimum curvature.

Anti Collision Proximity Summary (TVD relative to)

SF	Secondary Well Name	Pri MD (US ft)	Sec MD (US ft)	TVD (US ft)	CC (US ft)	ES (US ft)	SF	Risk
	State 19 #1 (s)	13991.41	11079.48	11110.83	214.36	129.34	2.52	
	Bell Lake 19 State 2H (p)	1578.71	1577.36	1578.71	51.03	43.37	6.66	
	Bell Lake 19 State 4H (s)	1507.42	1507.38	1507.42	52.52	45.14	7.12	

Secondary Well : State 19 #1 (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)

Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
0.00	32.00	0.00	354.31	0.00	0.00	3228.22	3227.46	4251.32	
100.00	102.97	70.97	354.31	0.11	0.11	3228.03	3227.04	3279.93	
200.00	203.86	171.86	354.31	0.30	0.30	3227.91	3226.51	2313.23	
300.00	304.10	272.10	354.31	0.52	0.52	3227.79	3225.95	1755.07	
400.00	413.97	381.97	354.31	0.78	0.78	3227.55	3225.23	1391.25	
500.00	527.04	495.05	354.30	1.06	1.06	3226.91	3224.09	1143.89	
600.00	619.46	587.46	354.30	1.29	1.29	3226.18	3222.89	983.26	
700.00	723.86	691.87	354.29	1.56	1.56	3225.53	3221.76	854.23	
800.00	826.41	794.42	354.29	1.83	1.83	3224.75	3220.48	755.89	
900.00	923.54	891.55	354.29	2.09	2.09	3223.97	3219.22	679.13	
1000.00	1030.82	998.84	354.29	2.37	2.37	3223.14	3217.88	613.41	
1100.00	1128.55	1096.57	354.29	2.61	2.61	3222.22	3216.50	563.56	
1200.00	1219.77	1187.80	354.31	2.81	2.81	3221.46	3215.31	523.85	
1300.00	1308.29	1276.32	354.32	2.98	2.98	3221.02	3214.49	492.76	
1400.00	1402.63	1370.67	354.33	3.15	3.15	3220.88	3213.95	464.56	
1500.00	1498.64	1466.68	354.33	3.31	3.31	3220.86	3213.55	440.59	
1600.00	1602.10	1570.13	354.34	3.47	3.47	3220.89	3213.19	418.58	
1700.00	1716.27	1684.31	354.33	3.70	3.70	3220.63	3212.47	394.94	
1800.00	1812.48	1780.52	354.34	3.94	3.94	3220.14	3211.53	373.84	
1900.00	1899.38	1867.42	354.34	4.11	4.11	3219.94	3210.94	357.93	
2000.00	1989.57	1957.61	354.35	4.21	4.21	3220.14	3210.80	344.92	
2100.00	2090.63	2058.67	354.35	4.27	4.27	3220.50	3210.88	334.77	
2200.00	2195.85	2163.89	354.35	4.32	4.31	3220.69	3210.80	325.62	
2300.00	2297.86	2265.90	354.35	4.41	4.41	3220.78	3210.58	315.59	
2400.00	2397.09	2365.13	354.35	4.55	4.55	3220.85	3210.28	304.55	
2500.00	2492.35	2460.39	354.36	4.69	4.69	3221.00	3210.06	294.47	
2600.00	2590.05	2558.09	354.36	4.82	4.82	3221.30	3210.02	285.65	
2700.00	2690.24	2658.28	354.36	4.94	4.94	3221.60	3209.97	277.01	
2800.00	2791.09	2759.13	354.37	5.08	5.08	3221.90	3209.90	268.62	
2900.00	2896.00	2864.04	354.37	5.25	5.25	3222.12	3209.73	260.02	
3000.00	2994.77	2962.81	354.38	5.44	5.44	3222.22	3209.42	251.72	
3100.00	3089.53	3057.57	354.39	5.64	5.64	3222.46	3209.23	243.52	
3200.00	3187.57	3155.61	354.40	5.84	5.84	3222.84	3209.20	236.23	
3300.00	3290.73	3258.78	354.41	6.05	6.05	3223.20	3209.10	228.72	
3400.00	3393.94	3361.99	354.42	6.28	6.28	3223.42	3208.88	221.74	
3500.00	3497.24	3465.30	354.43	6.52	6.52	3223.57	3208.56	214.84	
3600.00	3616.16	3584.22	354.44	6.76	6.76	3223.44	3207.97	208.37	
3700.00	3735.53	3703.59	354.43	6.93	6.93	3222.61	3206.74	203.11	
3800.00	3833.40	3801.48	354.41	7.05	7.05	3221.54	3205.33	198.79	
3900.00	3929.57	3897.66	354.38	7.18	7.18	3220.56	3204.02	194.64	
4000.00	4026.13	3994.23	354.36	7.30	7.30	3219.70	3202.79	190.38	
4100.00	4130.00	4098.11	354.34	7.45	7.45	3218.83	3201.55	186.22	
4200.00	4232.36	4200.48	354.33	7.65	7.65	3217.86	3200.16	181.76	
4300.00	4326.69	4294.81	354.34	7.86	7.86	3216.94	3198.81	177.41	
4400.00	4421.96	4390.10	354.36	8.08	8.08	3216.19	3197.60	173.04	
4500.00	4514.46	4482.61	354.39	8.29	8.29	3215.62	3196.62	169.23	
4600.00	4623.49	4591.65	354.42	8.55	8.55	3215.08	3195.59	165.00	
4700.00	4734.82	4703.00	354.45	8.81	8.81	3214.17	3194.18	160.82	

5D Anti-Collision Report

Secondary Well : State 19 #1 (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
4800.00	4839.43	4807.63	354.49	9.06	9.06	3212.99	3192.56	157.27	
4900.00	4931.46	4899.68	354.51	9.28	9.28	3211.89	3191.00	153.73	
5000.00	5031.33	4999.57	354.54	9.52	9.52	3210.91	3189.58	150.52	
5100.00	5122.94	5091.19	354.56	9.74	9.74	3210.07	3188.29	147.40	
5200.00	5218.16	5186.43	354.59	9.97	9.97	3209.43	3187.22	144.48	
5300.00	5307.00	5275.28	354.62	10.18	10.18	3209.03	3186.39	141.73	
5400.00	5401.95	5370.25	354.65	10.41	10.40	3208.92	3185.81	138.86	
5500.00	5501.11	5469.42	354.68	10.64	10.64	3208.88	3185.31	136.15	
5600.00	5614.97	5583.29	354.70	10.91	10.91	3208.69	3184.63	133.36	
5700.00	5718.12	5686.44	354.72	11.17	11.16	3208.14	3183.61	130.76	
5800.00	5818.60	5786.93	354.73	11.42	11.41	3207.57	3182.56	128.27	
5900.00	5918.89	5887.23	354.75	11.67	11.66	3206.99	3181.51	125.88	
6000.00	6016.32	5984.67	354.78	11.91	11.91	3206.43	3180.49	123.63	
6100.00	6115.21	6083.56	354.80	12.16	12.15	3205.94	3179.55	121.46	
6200.00	6208.41	6176.78	354.83	12.39	12.38	3205.56	3178.72	119.45	
6300.00	6299.01	6267.39	354.85	12.61	12.60	3205.44	3178.14	117.43	
6400.00	6395.75	6364.14	354.87	12.83	12.83	3205.56	3177.80	115.47	
6500.00	6499.57	6467.96	354.89	13.08	13.07	3205.65	3177.41	113.52	
6600.00	6605.52	6573.92	354.90	13.34	13.33	3205.57	3176.84	111.59	
6700.00	6720.63	6689.03	354.92	13.63	13.62	3205.20	3175.96	109.62	
6800.00	6829.95	6798.35	354.94	13.90	13.90	3204.40	3174.66	107.76	
6900.00	6930.52	6898.94	354.96	14.16	14.15	3203.45	3173.24	106.03	
7000.00	7027.22	6995.66	354.99	14.41	14.40	3202.55	3171.86	104.37	
7100.00	7131.99	7100.45	355.02	14.67	14.66	3201.63	3170.45	102.70	
7200.00	7228.10	7196.57	355.04	14.92	14.91	3200.69	3169.05	101.14	
7300.00	7330.21	7298.69	355.07	15.18	15.17	3199.78	3167.65	99.59	
7400.00	7451.75	7420.26	355.10	15.49	15.48	3198.50	3165.84	97.95	
7500.00	7571.58	7540.13	355.14	15.79	15.77	3196.58	3163.42	96.39	
7600.00	7696.82	7665.43	355.19	16.10	16.08	3193.97	3160.30	94.86	
7700.00	7811.91	7780.62	355.24	16.39	16.37	3190.65	3156.46	93.35	
7800.00	7924.85	7893.68	355.29	16.66	16.64	3186.94	3152.23	91.83	
7900.00	8045.15	8014.13	355.34	16.96	16.93	3182.70	3147.47	90.34	
8000.00	8156.99	8126.16	355.41	17.24	17.20	3177.91	3142.18	88.95	
8100.00	8264.37	8233.72	355.47	17.51	17.47	3172.91	3136.71	87.65	
8200.00	8379.74	8349.31	355.53	17.79	17.74	3167.42	3130.76	86.39	
8300.00	8478.50	8448.27	355.58	18.03	17.98	3161.70	3124.58	85.18	
8400.00	8576.08	8546.07	355.65	18.28	18.22	3156.15	3118.54	83.92	
8500.00	8681.07	8651.29	355.71	18.54	18.48	3150.48	3112.37	82.68	
8600.00	8779.97	8750.40	355.77	18.79	18.72	3144.70	3106.11	81.49	
8700.00	8863.81	8834.42	355.82	19.00	18.93	3139.14	3100.11	80.41	
8800.00	8936.39	8907.13	355.87	19.19	19.12	3134.36	3094.90	79.43	
8900.00	9012.08	8982.93	355.92	19.39	19.32	3130.40	3090.51	78.47	
9000.00	9090.52	9061.45	355.96	19.59	19.53	3127.17	3086.84	77.55	
9100.00	9174.58	9145.56	356.00	19.81	19.74	3124.57	3083.79	76.64	
9200.00	9261.49	9232.52	356.04	20.03	19.97	3122.37	3081.15	75.74	
9300.00	9344.14	9315.21	356.07	20.25	20.19	3120.66	3079.00	74.90	
9400.00	9420.47	9391.55	356.09	20.45	20.38	3119.62	3077.54	74.13	
9500.00	9516.74	9487.82	356.11	20.69	20.62	3119.06	3076.52	73.31	
9600.00	9612.09	9583.18	356.11	20.92	20.86	3118.59	3075.59	72.51	
9700.00	9689.84	9660.92	356.12	21.07	21.01	3118.51	3075.14	71.89	
9800.00	9789.77	9760.85	356.12	21.21	21.15	3119.06	3075.32	71.31	
9900.00	9892.34	9863.43	356.13	21.36	21.30	3119.22	3075.11	70.71	
10000.00	9997.88	9968.97	356.14	21.58	21.52	3119.47	3074.92	70.02	
10100.00	10092.63	10063.72	356.14	21.80	21.73	3119.53	3074.54	69.34	
10200.00	10204.34	10175.43	356.15	22.04	21.98	3119.74	3074.29	68.63	
10300.00	10300.87	10271.97	356.15	22.20	22.14	3119.56	3073.72	68.05	
10400.00	10391.72	10362.82	356.15	22.30	22.23	3119.69	3073.53	67.59	
10500.00	10491.04	10462.13	356.15	22.37	22.30	3120.02	3073.56	67.16	

5D Anti-Collision Report

Secondary Well : State 19 #1 (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
10600.00	10599.87	10570.97	356.06	22.43	22.37	3118.02	3071.25	66.67	
10700.00	10697.54	10668.64	355.91	22.48	22.42	3100.69	3053.63	65.90	
10800.00	10791.46	10762.55	355.59	22.53	22.46	3066.66	3019.38	64.85	
10900.00	10883.30	10854.40	355.03	22.63	22.56	3016.82	2969.23	63.39	
11000.00	10965.17	10936.27	354.11	22.78	22.71	2952.60	2904.68	61.62	
11100.00	11032.64	11003.74	352.54	22.93	22.87	2876.05	2827.86	59.69	
11200.00	11086.29	11057.39	349.54	23.01	22.95	2789.54	2741.18	57.69	
11300.00	11122.45	11093.55	342.43	23.06	23.00	2695.76	2647.29	55.62	
11400.00	11141.04	11112.14	313.76	23.09	23.02	2597.60	2549.07	53.52	
11500.00	11142.25	11113.35	261.68	23.09	23.03	2498.01	2449.44	51.43	
11600.00	11140.67	11111.77	262.09	23.09	23.02	2398.40	2349.80	49.34	
11700.00	11139.11	11110.22	262.50	23.08	23.02	2298.83	2250.19	47.26	
11800.00	11137.57	11108.68	262.90	23.08	23.02	2199.30	2150.62	45.18	
11900.00	11136.05	11107.15	263.30	23.08	23.02	2099.80	2051.08	43.10	
12000.00	11134.54	11105.64	263.70	23.08	23.02	2000.36	1951.59	41.02	
12100.00	11133.05	11104.15	264.09	23.08	23.02	1900.98	1852.16	38.94	
12200.00	11131.57	11102.67	264.48	23.08	23.01	1801.66	1752.79	36.86	
12300.00	11130.11	11101.21	264.87	23.07	23.01	1702.42	1653.49	34.79	
12400.00	11128.68	11099.78	265.25	23.07	23.01	1603.27	1554.28	32.73	
12500.00	11127.33	11098.43	265.61	23.07	23.01	1504.24	1455.19	30.67	
12600.00	11125.99	11097.09	265.96	23.07	23.01	1405.34	1356.23	28.62	
12700.00	11124.65	11095.76	266.32	23.07	23.00	1306.60	1257.38	26.55	
12800.00	11123.33	11094.44	266.67	23.06	23.00	1208.08	1158.64	24.44	
12900.00	11122.03	11093.13	267.02	23.06	23.00	1109.82	1060.09	22.32	
13000.00	11120.73	11091.83	267.36	23.06	23.00	1011.89	961.81	20.21	
13100.00	11119.44	11090.54	267.71	23.06	23.00	914.41	863.92	18.11	
13200.00	11118.16	11089.26	268.05	23.06	22.99	817.54	766.39	15.98	
13300.00	11116.89	11087.99	268.39	23.06	22.99	721.53	669.49	13.87	
13400.00	11115.63	11086.73	268.72	23.05	22.99	626.75	573.41	11.75	
13500.00	11114.38	11085.48	269.06	23.05	22.99	533.88	478.67	9.67	
13600.00	11113.14	11084.24	269.39	23.05	22.99	444.12	385.79	7.61	
13700.00	11111.91	11083.01	269.71	23.05	22.99	359.80	296.59	5.69	
13800.00	11110.69	11081.79	270.04	23.05	22.98	285.76	215.21	4.05	
13900.00	11109.48	11080.58	270.37	23.04	22.98	232.09	152.19	2.90	
14000.00	11108.28	11079.37	270.69	23.04	22.98	214.63	129.54	2.52	
14100.00	11107.08	11078.18	271.01	23.04	22.98	241.38	160.57	2.99	
14200.00	11105.90	11077.00	271.32	23.04	22.98	300.76	227.85	4.13	
14300.00	11104.72	11075.82	271.64	23.04	22.97	377.69	311.08	5.67	
14400.00	11103.56	11074.66	271.95	23.04	22.97	463.50	401.40	7.46	
14500.00	11102.40	11073.50	272.26	23.03	22.97	554.10	494.75	9.34	
14600.00	11101.25	11072.35	272.56	23.03	22.97	647.46	590.29	11.32	
14700.00	11100.11	11071.21	272.87	23.03	22.97	742.55	686.70	13.29	
14800.00	11098.98	11070.07	273.17	23.03	22.97	838.79	783.96	15.30	
14900.00	11097.85	11068.95	273.47	23.03	22.96	935.81	881.83	17.34	
15000.00	11096.74	11067.83	273.77	23.03	22.96	1033.40	979.94	19.33	
15100.00	11095.63	11066.73	274.06	23.02	22.96	1131.41	1078.39	21.34	
15200.00	11094.53	11065.63	274.36	23.02	22.96	1229.73	1177.09	23.36	
15300.00	11093.44	11064.54	274.65	23.02	22.96	1328.31	1275.99	25.39	
15400.00	11092.35	11063.45	274.93	23.02	22.96	1427.09	1375.04	27.42	
15500.00	11091.28	11062.38	275.22	23.02	22.95	1526.02	1474.21	29.46	
15600.00	11090.21	11061.31	275.50	23.02	22.95	1625.08	1573.37	31.43	
15625.28	11089.94	11061.04	275.57	23.02	22.95	1650.15	1598.46	31.93	
Secondary Well : Bell Lake 19 State 2H (p) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
0.00	0.00	0.00	269.56	0.00	0.00	49.98	49.18	61.99	
100.00	100.00	100.00	269.56	0.12	0.12	49.98	48.94	48.20	
200.00	200.00	200.00	269.56	0.34	0.34	49.98	48.50	33.67	

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 2H (p) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
300.00	300.00	300.00	269.56	0.57	0.57	49.98	48.05	25.85	
400.00	400.00	400.00	269.56	0.79	0.79	49.98	47.60	20.98	
500.00	500.00	500.00	269.56	1.02	1.02	49.98	47.15	17.65	
600.00	600.00	600.00	269.56	1.24	1.24	49.98	46.70	15.23	
700.00	700.00	700.00	269.56	1.46	1.46	49.98	46.25	13.40	
800.00	800.00	800.00	269.56	1.69	1.69	49.98	45.80	11.96	
900.00	900.00	900.00	269.56	1.91	1.91	49.98	45.35	10.80	
1000.00	1000.00	1000.00	269.56	2.14	2.14	49.98	44.90	9.84	
1100.00	1100.00	1100.00	269.56	2.36	2.36	49.98	44.45	9.04	
1200.00	1200.00	1200.00	269.56	2.59	2.59	49.98	44.00	8.36	
1300.00	1300.00	1300.00	269.56	2.81	2.81	49.98	43.55	7.78	
1400.00	1400.00	1400.00	269.56	3.04	3.04	49.98	43.10	7.27	
1500.00	1500.00	1500.00	269.56	3.26	3.26	49.98	42.66	6.82	
1600.00	1598.25	1598.27	269.25	3.46	3.46	51.67	43.93	6.67	
1700.00	1696.16	1696.31	268.41	3.66	3.64	56.75	48.61	6.97	
1800.00	1793.38	1793.89	267.30	3.86	3.83	65.21	56.68	7.64	
1900.00	1891.32	1892.46	266.21	4.08	4.03	76.35	67.40	8.53	
2000.00	1990.01	1991.80	265.37	4.31	4.23	87.73	78.36	9.37	
2100.00	2088.71	2091.15	264.73	4.55	4.43	99.12	89.33	10.12	
2200.00	2187.40	2190.49	264.22	4.80	4.64	110.52	100.29	10.81	
2300.00	2286.09	2289.84	263.80	5.05	4.85	121.92	111.26	11.44	
2400.00	2384.78	2389.18	263.46	5.31	5.07	133.33	122.23	12.01	
2500.00	2483.47	2488.52	263.17	5.58	5.29	144.75	133.20	12.54	
2600.00	2582.17	2587.87	262.92	5.84	5.51	156.17	144.18	13.03	
2700.00	2680.86	2687.21	262.71	6.11	5.73	167.59	155.15	13.48	
2800.00	2779.55	2786.56	262.52	6.39	5.95	179.01	166.13	13.90	
2900.00	2878.24	2885.90	262.36	6.67	6.17	190.43	177.11	14.29	
3000.00	2976.93	2985.24	262.21	6.95	6.40	201.86	188.08	14.65	
3100.00	3075.63	3084.59	262.08	7.23	6.62	213.29	199.06	14.99	
3200.00	3174.32	3183.93	261.96	7.51	6.85	224.72	210.04	15.31	
3300.00	3273.01	3283.28	261.86	7.80	7.08	236.14	221.02	15.61	
3400.00	3371.70	3382.62	261.76	8.08	7.30	247.57	232.00	15.89	
3500.00	3470.40	3481.96	261.68	8.37	7.53	259.00	242.97	16.16	
3600.00	3569.09	3581.31	261.60	8.66	7.76	270.43	253.95	16.41	
3700.00	3667.78	3680.65	261.52	8.95	7.99	281.86	264.93	16.64	
3800.00	3766.47	3779.99	261.45	9.24	8.22	293.30	275.91	16.87	
3900.00	3865.16	3879.34	261.39	9.53	8.45	304.73	286.89	17.08	
4000.00	3963.86	3978.68	261.33	9.83	8.68	316.16	297.87	17.28	
4100.00	4062.55	4078.03	261.28	10.12	8.91	327.59	308.84	17.47	
4200.00	4161.24	4177.37	261.23	10.41	9.14	339.03	319.82	17.66	
4300.00	4259.93	4276.71	261.18	10.71	9.37	350.46	330.80	17.83	
4400.00	4358.62	4376.06	261.14	11.00	9.60	361.89	341.78	17.99	
4500.00	4457.32	4475.40	261.10	11.30	9.84	373.32	352.76	18.15	
4600.00	4556.01	4574.75	261.06	11.60	10.07	384.76	363.74	18.30	
4700.00	4654.70	4674.09	261.02	11.89	10.30	396.19	374.71	18.45	
4800.00	4753.39	4773.43	260.99	12.19	10.53	407.63	385.69	18.58	
4900.00	4852.08	4872.78	260.95	12.49	10.77	419.06	396.67	18.72	
5000.00	4950.78	4972.12	260.92	12.79	11.00	430.49	407.72	18.90	
5100.00	5049.47	5071.47	260.89	13.09	11.23	441.93	418.70	19.02	
5200.00	5148.16	5170.81	260.86	13.39	11.47	453.36	429.68	19.14	
5300.00	5246.85	5270.15	260.84	13.68	11.70	464.80	440.65	19.25	
5400.00	5345.54	5369.50	260.81	13.98	11.93	476.23	451.63	19.36	
5500.00	5444.24	5468.84	260.79	14.28	12.17	487.67	462.61	19.46	
5600.00	5542.93	5568.18	260.77	14.58	12.40	499.10	473.59	19.56	
5700.00	5641.62	5667.53	260.74	14.88	12.64	510.54	484.56	19.66	
5800.00	5740.31	5766.87	260.72	15.18	12.87	521.97	495.54	19.75	
5900.00	5839.01	5866.22	260.70	15.48	13.10	533.41	506.52	19.84	
6000.00	5937.70	5965.56	260.68	15.79	13.34	544.84	517.49	19.92	

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 2H (p) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
6100.00	6036.39	6064.90	260.66	16.09	13.57	556.28	528.47	20.01	
6200.00	6135.08	6164.25	260.65	16.39	13.81	567.71	539.45	20.09	
6300.00	6233.77	6263.59	260.63	16.69	14.04	579.15	550.43	20.17	
6400.00	6332.47	6362.94	260.61	16.99	14.28	590.58	561.40	20.24	
6500.00	6431.16	6462.28	260.60	17.29	14.51	602.02	572.38	20.31	
6600.00	6529.85	6561.62	260.58	17.59	14.75	613.45	583.36	20.39	
6700.00	6628.54	6660.97	260.57	17.89	14.98	624.89	594.33	20.45	
6800.00	6727.23	6760.31	260.55	18.20	15.22	636.32	605.31	20.52	
6900.00	6825.93	6859.66	260.54	18.50	15.45	647.76	616.29	20.58	
7000.00	6924.62	6959.00	260.53	18.80	15.69	659.19	627.27	20.65	
7100.00	7023.31	7058.34	260.51	19.10	15.92	670.63	638.24	20.71	
7200.00	7122.00	7157.69	260.50	19.41	16.16	682.06	649.22	20.77	
7300.00	7220.69	7257.03	260.49	19.71	16.39	693.50	660.20	20.82	
7400.00	7319.39	7356.37	260.48	20.01	16.63	704.93	671.17	20.88	
7500.00	7418.08	7455.72	260.47	20.31	16.86	716.37	682.15	20.93	
7600.00	7516.77	7555.06	260.46	20.62	17.10	727.81	693.13	20.99	
7700.00	7615.46	7654.41	260.45	20.92	17.34	739.24	704.10	21.04	
7800.00	7714.15	7753.75	260.44	21.22	17.57	750.68	715.08	21.09	
7900.00	7812.85	7853.09	260.43	21.52	17.81	762.11	726.06	21.14	
8000.00	7911.54	7952.44	260.42	21.83	18.04	773.55	737.03	21.18	
8100.00	8010.23	8051.78	260.41	22.13	18.28	784.98	748.01	21.23	
8200.00	8108.92	8151.13	260.40	22.43	18.51	796.42	758.99	21.28	
8300.00	8207.62	8250.47	260.39	22.74	18.75	807.86	769.96	21.32	
8400.00	8306.31	8349.81	260.38	23.04	18.99	819.29	780.94	21.36	
8500.00	8405.00	8449.16	260.37	23.34	19.22	830.73	791.92	21.40	
8600.00	8503.69	8548.50	260.37	23.65	19.46	842.16	802.89	21.45	
8700.00	8602.38	8647.85	260.36	23.95	19.69	853.60	813.87	21.49	
8800.00	8701.08	8747.19	260.35	24.25	19.93	865.03	824.85	21.52	
8900.00	8799.77	8846.53	260.34	24.56	20.17	876.47	835.82	21.56	
9000.00	8898.46	8945.88	260.34	24.86	20.40	887.91	846.80	21.60	
9100.00	8997.15	9045.22	260.33	25.16	20.64	899.34	857.78	21.64	
9200.00	9095.84	9144.57	260.32	25.47	20.87	910.78	868.75	21.67	
9300.00	9194.54	9243.91	260.32	25.77	21.11	922.21	879.73	21.71	
9400.00	9293.23	9343.25	260.31	26.08	21.35	933.65	890.71	21.74	
9500.00	9391.92	9442.60	260.30	26.38	21.58	945.09	901.68	21.77	
9600.00	9490.61	9541.94	260.30	26.68	21.82	956.52	912.66	21.81	
9700.00	9589.30	9641.28	260.29	26.99	22.06	967.96	923.64	21.84	
9800.00	9688.00	9740.63	260.28	27.29	22.29	979.39	934.61	21.87	
9900.00	9786.69	9839.97	260.28	27.59	22.53	990.83	945.59	21.90	
10000.00	9885.38	9939.32	260.27	27.90	22.76	1002.27	956.56	21.93	
10100.00	9984.07	10038.66	260.27	28.20	23.00	1013.70	967.54	21.96	
10200.00	10082.77	10138.00	260.26	28.51	23.24	1025.14	978.52	21.99	
10300.00	10181.46	10237.35	260.26	28.81	23.47	1036.57	989.49	22.02	
10400.00	10280.15	10336.69	260.25	29.11	23.71	1048.01	1000.47	22.04	
10500.00	10378.84	10436.04	260.25	29.42	23.95	1059.45	1011.45	22.07	
10600.00	10477.43	10535.27	260.66	29.72	24.18	1071.25	1022.83	22.13	
10700.00	10574.15	10632.63	261.19	30.02	24.41	1085.60	1036.78	22.23	
10800.00	10684.56	10743.84	261.04	30.17	24.68	1102.95	1053.53	22.32	
10900.00	10832.83	10898.92	260.79	28.73	24.99	1120.10	1070.17	22.43	
11000.00	10972.11	11069.76	261.53	25.40	25.06	1134.48	1083.93	22.44	
11100.00	11069.64	11241.77	263.45	25.77	20.78	1144.98	1093.71	22.33	
11200.00	11110.63	11399.55	266.23	26.36	18.21	1151.94	1099.78	22.08	
11300.00	11112.73	11511.29	268.62	26.95	18.12	1157.31	1104.11	21.75	
11400.00	11112.27	11609.37	270.10	27.64	18.26	1163.51	1109.05	21.36	
11500.00	11111.80	11709.09	270.56	28.32	18.44	1169.82	1114.02	20.96	
11600.00	11111.33	11808.90	270.55	29.19	18.64	1176.12	1118.71	20.49	
11700.00	11110.86	11908.70	270.55	30.10	18.88	1182.43	1123.25	19.98	
11800.00	11110.38	12008.50	270.55	31.11	19.14	1188.73	1127.60	19.45	

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 2H (p) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
11900.00	11109.91	12108.30	270.54	32.12	19.42	1195.03	1131.86	18.92	
12000.00	11109.44	12208.10	270.54	33.35	19.74	1201.33	1135.87	18.35	
12100.00	11108.97	12307.90	270.54	34.52	20.08	1207.63	1139.84	17.81	
12200.00	11108.50	12407.70	270.53	35.67	20.44	1213.93	1143.74	17.29	
12300.00	11108.03	12507.51	270.53	37.07	20.82	1220.23	1147.37	16.75	
12400.00	11107.56	12607.31	270.53	38.45	21.22	1226.53	1150.96	16.23	
12500.00	11107.09	12707.11	270.52	39.83	21.64	1232.83	1154.52	15.74	
12600.00	11106.62	12806.91	270.52	41.22	22.07	1239.14	1158.03	15.28	
12700.00	11106.15	12906.71	270.52	42.61	22.53	1245.44	1161.50	14.84	
12800.00	11105.68	13006.51	270.52	44.06	22.99	1251.74	1164.85	14.41	
12900.00	11105.21	13106.31	270.51	45.63	23.48	1258.04	1168.09	13.99	
13000.00	11104.74	13206.11	270.51	47.20	23.98	1264.34	1171.30	13.59	
13100.00	11104.27	13305.92	270.51	48.78	24.49	1270.64	1174.48	13.21	
13200.00	11103.80	13405.72	270.50	50.37	25.02	1276.94	1177.64	12.86	
13300.00	11103.33	13505.52	270.50	51.96	25.57	1283.24	1180.77	12.52	
13400.00	11102.86	13605.32	270.50	53.57	26.14	1289.54	1183.88	12.20	
13500.00	11102.39	13705.12	270.50	55.17	26.72	1295.85	1186.98	11.90	
13600.00	11101.92	13804.92	270.49	56.54	27.23	1302.15	1190.18	11.63	
13700.00	11101.45	13904.72	270.49	58.44	27.78	1308.45	1192.98	11.33	
13800.00	11100.98	14004.52	270.49	60.08	28.41	1314.75	1196.01	11.07	
13900.00	11100.51	14104.33	270.49	61.73	28.99	1321.05	1199.01	10.83	
14000.00	11100.04	14204.13	270.48	63.38	29.57	1327.35	1202.00	10.59	
14100.00	11099.57	14303.93	270.48	65.04	30.16	1333.65	1204.97	10.36	
14200.00	11099.10	14403.73	270.48	66.71	30.76	1339.95	1207.92	10.15	
14300.00	11098.63	14503.53	270.47	68.38	31.36	1346.25	1210.86	9.94	
14400.00	11098.16	14603.33	270.47	70.06	31.97	1352.56	1213.79	9.75	
14500.00	11097.69	14703.13	270.47	71.75	32.59	1358.86	1216.69	9.56	
14600.00	11097.22	14802.93	270.47	73.49	33.21	1365.16	1219.54	9.37	
14700.00	11096.75	14902.74	270.46	75.24	33.83	1371.46	1222.38	9.20	
14800.00	11096.28	15002.54	270.46	76.99	34.46	1377.76	1225.21	9.03	
14900.00	11095.81	15102.34	270.46	78.75	35.09	1384.06	1228.03	8.87	
15000.00	11095.34	15202.14	270.46	80.51	35.73	1390.36	1230.85	8.72	
15100.00	11094.86	15301.94	270.46	82.27	36.37	1396.66	1233.65	8.57	
15200.00	11094.39	15401.74	270.45	84.03	37.02	1402.96	1236.45	8.43	
15300.00	11093.92	15501.54	270.45	85.80	37.66	1409.27	1239.25	8.29	
15400.00	11093.45	15601.34	270.45	87.57	38.32	1415.57	1242.03	8.16	
15500.00	11093.00	15697.70	270.45	89.28	38.94	1421.87	1244.86	8.03	
15600.00	11093.00	15697.70	270.45	89.28	38.94	1431.90	1252.89	8.00	
15625.28	11093.00	15697.70	270.45	89.28	38.94	1435.52	1256.16	8.00	

Secondary Well : Bell Lake 19 State 4H (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
0.00	0.00	0.00	89.56	0.00	0.00	49.99	49.19	62.01	
100.00	100.14	100.15	91.06	0.13	0.13	49.84	48.78	47.32	
200.00	200.18	200.24	94.60	0.40	0.40	49.50	47.96	32.09	
300.00	300.09	300.21	98.78	0.67	0.67	49.23	47.20	24.19	
400.00	400.03	400.23	103.31	0.93	0.93	49.11	46.58	19.45	
500.00	499.83	500.12	108.09	1.20	1.20	49.25	46.24	16.34	
600.00	599.77	600.14	112.66	1.47	1.46	49.66	46.15	14.15	
700.00	699.84	700.27	116.86	1.74	1.73	50.05	46.05	12.52	
800.00	800.05	800.54	120.80	2.00	1.99	50.16	45.68	11.19	
900.00	900.12	900.67	124.65	2.26	2.24	49.99	45.03	10.08	
1000.00	1000.05	1000.66	128.65	2.51	2.50	49.82	44.36	9.14	
1100.00	1100.03	1100.70	132.66	2.77	2.76	49.74	43.81	8.39	
1200.00	1199.92	1200.65	136.88	3.02	3.01	49.79	43.38	7.77	
1300.00	1299.70	1300.50	141.17	3.16	3.14	50.18	43.42	7.42	
1400.00	1399.48	1400.35	145.05	3.27	3.26	50.98	43.88	7.18	
1500.00	1499.06	1499.99	148.67	3.30	3.28	52.38	45.03	7.12	

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 4H (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
1600.00	1598.55	1599.55	151.65	3.34	3.32	54.59	46.98	7.17	
1700.00	1697.79	1698.86	153.92	3.40	3.37	57.78	49.89	7.32	
1800.00	1796.30	1797.49	154.90	3.46	3.44	62.44	54.29	7.66	
1900.00	1893.52	1895.06	152.28	3.54	3.52	70.09	61.63	8.28	
2000.00	1991.39	1993.67	147.45	3.64	3.61	80.56	71.79	9.18	
2100.00	2091.22	2094.36	141.89	3.75	3.71	90.72	81.62	9.97	
2200.00	2190.42	2194.51	135.87	3.88	3.82	100.21	90.79	10.63	
2300.00	2288.89	2293.95	130.46	4.03	3.93	110.00	100.23	11.25	
2400.00	2387.23	2393.24	125.93	4.19	4.05	120.38	110.28	11.92	
2500.00	2485.95	2492.86	122.20	4.36	4.18	131.08	120.62	12.53	
2600.00	2584.38	2592.08	119.47	4.55	4.32	141.91	131.09	13.11	
2700.00	2682.74	2691.13	118.03	4.75	4.45	153.05	141.87	13.69	
2800.00	2780.96	2790.03	117.04	4.96	4.60	164.47	152.92	14.24	
2900.00	2879.99	2889.76	116.16	5.18	4.76	175.99	164.06	14.76	
3000.00	2979.12	2989.56	115.36	5.40	4.91	187.24	174.94	15.22	
3100.00	3077.97	3089.06	114.65	5.63	5.08	198.37	185.68	15.63	
3200.00	3177.30	3189.01	114.07	5.86	5.26	209.35	196.25	15.98	
3300.00	3276.81	3289.11	113.60	6.09	5.43	220.03	206.52	16.29	
3400.00	3376.08	3388.93	113.19	6.33	5.61	230.49	216.58	16.57	
3500.00	3475.58	3488.98	112.79	6.57	5.80	240.76	226.44	16.81	
3600.00	3575.52	3589.47	112.11	6.81	5.98	250.75	236.01	17.02	
3700.00	3676.05	3690.51	111.31	7.05	6.17	260.20	245.05	17.17	
3800.00	3777.65	3792.56	110.63	7.29	6.37	269.10	253.52	17.27	
3900.00	3880.42	3895.67	110.05	7.52	6.56	276.71	260.70	17.29	
4000.00	3979.09	3994.61	109.58	7.74	6.75	283.68	267.26	17.28	
4100.00	4074.15	4090.00	109.16	7.96	6.93	291.73	274.92	17.36	
4200.00	4170.69	4186.99	108.76	8.19	7.12	301.19	283.98	17.51	
4300.00	4270.71	4287.52	108.34	8.43	7.31	310.88	293.25	17.64	
4400.00	4367.34	4384.61	107.99	8.68	7.51	320.49	302.46	17.78	
4500.00	4464.12	4481.96	107.68	8.92	7.70	331.09	312.66	17.96	
4600.00	4564.29	4582.72	107.40	9.18	7.90	341.82	322.96	18.12	
4700.00	4663.15	4682.13	107.23	9.44	8.11	352.23	332.95	18.27	
4800.00	4762.57	4782.09	107.20	9.70	8.31	362.64	342.93	18.40	
4900.00	4863.74	4883.77	107.25	9.96	8.52	372.69	352.54	18.50	
5000.00	4967.01	4987.48	107.33	10.22	8.73	381.79	361.28	18.61	
5100.00	5061.41	5082.28	107.26	10.45	8.92	390.92	370.00	18.69	
5200.00	5156.62	5178.03	106.95	10.70	9.12	401.30	379.98	18.82	
5300.00	5256.53	5278.56	106.59	10.97	9.33	412.04	390.29	18.95	
5400.00	5358.17	5380.76	106.24	11.24	9.54	422.27	400.08	19.03	
5500.00	5457.73	5480.83	105.93	11.50	9.75	432.05	409.43	19.10	
5600.00	5551.79	5575.42	105.68	11.75	9.95	442.45	419.42	19.22	
5700.00	5651.67	5675.89	105.46	12.02	10.16	453.21	429.75	19.32	
5800.00	5751.03	5775.84	105.23	12.29	10.38	463.85	439.96	19.41	
5900.00	5853.12	5878.50	105.03	12.57	10.60	474.18	449.84	19.48	
6000.00	5955.23	5981.05	104.87	12.83	10.81	483.49	458.70	19.50	
6100.00	6049.33	6075.61	104.73	13.08	11.01	493.18	467.98	19.57	
6200.00	6143.80	6170.67	104.47	13.33	11.21	504.06	478.45	19.68	
6300.00	6242.74	6270.28	104.12	13.60	11.42	515.18	489.13	19.77	
6400.00	6341.84	6370.04	103.79	13.87	11.64	526.29	499.79	19.86	
6500.00	6438.11	6466.95	103.49	14.15	11.84	537.43	510.49	19.95	
6600.00	6535.75	6565.29	103.35	14.42	12.06	549.23	521.86	20.07	
6700.00	6637.18	6667.39	103.29	14.71	12.28	560.67	532.84	20.15	
6800.00	6737.67	6768.50	103.22	14.99	12.50	571.70	543.42	20.22	
6900.00	6839.33	6870.75	103.12	15.27	12.72	582.39	553.66	20.27	
7000.00	6941.87	6973.83	103.03	15.55	12.95	592.51	563.32	20.30	
7100.00	7035.97	7068.42	102.96	15.81	13.15	602.66	573.05	20.36	
7200.00	7136.32	7169.33	102.84	16.07	13.37	613.22	583.17	20.41	
7300.00	7230.32	7263.91	102.66	16.33	13.57	623.98	593.52	20.48	

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 4H (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
7400.00	7313.71	7347.97	102.47	16.57	13.74	636.32	605.51	20.65	
7500.00	7410.24	7445.47	102.23	16.87	13.96	650.18	618.93	20.81	
7600.00	7513.67	7549.90	101.97	17.19	14.20	663.62	631.88	20.91	
7700.00	7617.82	7654.91	101.72	17.51	14.44	676.18	643.97	20.99	
7800.00	7720.42	7758.28	101.52	17.81	14.67	688.07	655.38	21.05	
7900.00	7823.50	7862.03	101.31	18.10	14.90	699.24	666.09	21.09	
8000.00	7922.15	7961.32	101.11	18.38	15.12	710.17	676.57	21.14	
8100.00	8016.60	8056.38	100.93	18.65	15.33	721.29	687.27	21.20	
8200.00	8114.09	8154.59	100.83	18.93	15.54	733.37	698.92	21.29	
8300.00	8227.01	8268.16	100.71	19.24	15.79	743.91	708.94	21.28	
8400.00	8328.82	8370.44	100.64	19.51	16.02	753.41	717.99	21.27	
8500.00	8432.17	8474.24	100.60	19.78	16.24	762.68	726.81	21.26	
8600.00	8531.95	8574.41	100.58	20.04	16.45	771.45	735.13	21.24	
8700.00	8626.65	8669.50	100.58	20.28	16.66	780.52	743.78	21.25	
8800.00	8720.50	8763.79	100.58	20.52	16.86	790.25	753.10	21.27	
8900.00	8830.19	8873.99	100.63	20.81	17.10	799.85	762.21	21.25	
9000.00	8931.57	8975.74	100.68	21.07	17.32	808.39	770.31	21.23	
9100.00	9017.35	9061.90	100.68	21.29	17.50	817.67	779.21	21.26	
9200.00	9129.53	9174.58	100.60	21.59	17.74	826.99	788.03	21.23	
9300.00	9225.98	9271.40	100.54	21.83	17.95	835.65	796.26	21.22	
9400.00	9320.56	9366.38	100.54	22.07	18.16	844.85	805.04	21.23	
9500.00	9422.95	9469.21	100.51	22.34	18.38	854.05	813.80	21.22	
9600.00	9528.96	9575.63	100.46	22.61	18.61	862.85	822.12	21.19	
9700.00	9628.62	9675.60	100.42	22.86	18.82	870.57	829.41	21.15	
9800.00	9717.82	9765.18	100.35	23.09	19.02	879.63	838.07	21.16	
9900.00	9827.54	9875.33	100.29	23.37	19.25	888.54	846.50	21.13	
10000.00	9936.44	9984.55	100.24	23.64	19.49	895.99	853.47	21.07	
10100.00	10062.68	10111.01	100.20	23.93	19.73	901.93	858.91	20.97	
10200.00	10163.93	10212.36	100.10	24.13	19.93	906.02	862.57	20.85	
10300.00	10271.65	10320.16	99.98	24.35	20.14	909.52	865.63	20.72	
10400.00	10377.94	10426.50	99.88	24.56	20.35	912.38	868.05	20.58	
10500.00	10489.28	10537.86	99.84	24.77	20.55	914.17	869.40	20.42	
10600.00	10602.22	10650.81	99.89	24.97	20.75	915.02	869.88	20.27	
10700.00	10693.06	10741.84	100.27	24.91	20.96	917.95	872.42	20.16	
10800.00	10769.45	10820.05	100.11	24.71	21.17	925.89	879.94	20.15	
10900.00	10844.90	10900.23	99.63	24.28	21.36	939.51	893.04	20.22	
11000.00	10943.52	11013.93	99.14	23.50	21.58	957.16	910.28	20.42	
11100.00	11011.04	11098.86	98.24	22.99	21.56	976.38	928.80	20.52	
11200.00	11110.46	11253.73	97.70	22.65	20.12	993.52	944.96	20.46	
11300.00	11126.88	11290.00	95.63	22.82	19.54	1014.90	965.49	20.54	
11400.00	11126.88	11290.00	92.31	22.82	19.54	1046.41	996.08	20.79	
11500.00	11126.88	11290.00	90.11	22.82	19.54	1086.87	1035.83	21.29	
11600.00	11126.88	11290.00	90.11	22.82	19.54	1134.76	1082.83	21.85	
11700.00	11126.88	11290.00	90.11	22.82	19.54	1189.15	1136.47	22.57	
11800.00	11126.88	11290.00	90.11	22.82	19.54	1249.19	1195.92	23.45	
11900.00	11126.88	11290.00	90.11	22.82	19.54	1314.10	1260.16	24.36	
12000.00	11126.88	11290.00	90.11	22.82	19.54	1383.21	1328.68	25.37	
12100.00	11126.88	11290.00	90.11	22.82	19.54	1455.90	1400.95	26.49	
12200.00	11126.88	11290.00	90.11	22.82	19.54	1531.68	1476.29	27.65	
12300.00	11126.88	11290.00	90.11	22.82	19.54	1610.11	1554.34	28.87	
12400.00	11126.88	11290.00	90.11	22.82	19.54	1690.81	1634.76	30.17	
12500.00	11126.88	11290.00	90.11	22.82	19.54	1773.48	1717.22	31.52	
12600.00	11126.88	11290.00	90.11	22.82	19.54	1857.86	1801.41	32.91	
12700.00	11126.88	11290.00	90.11	22.82	19.54	1943.71	1887.09	34.33	
12800.00	11126.88	11290.00	90.11	22.82	19.54	2030.87	1974.05	35.74	
12900.00	11126.88	11290.00	90.11	22.82	19.54	2119.15	2062.11	37.15	
13000.00	11126.88	11290.00	90.11	22.82	19.54	2208.44	2151.16	38.56	
13100.00	11126.88	11290.00	90.11	22.82	19.54	2298.61	2241.16	40.01	

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 4H (s) (TVD Relative to Drill Floor (Primary) ; All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
13200.00	11126.88	11290.00	90.11	22.82	19.54	2389.56	2332.05	41.55	
13300.00	11126.88	11290.00	90.11	22.82	19.54	2481.21	2423.56	43.04	
13400.00	11126.88	11290.00	90.11	22.82	19.54	2573.48	2515.72	44.56	
13500.00	11126.88	11290.00	90.11	22.82	19.54	2666.30	2608.50	46.13	
13600.00	11126.88	11290.00	90.11	22.82	19.54	2759.63	2701.70	47.64	
13700.00	11126.88	11290.00	90.11	22.82	19.54	2853.41	2795.50	49.27	
13800.00	11126.88	11290.00	90.11	22.82	19.54	2947.60	2889.54	50.77	
13900.00	11126.88	11290.00	90.11	22.82	19.54	3042.16	2984.04	52.34	
14000.00	11126.88	11290.00	90.11	22.82	19.54	3137.06	3078.91	53.95	
14100.00	11126.88	11290.00	90.11	22.82	19.54	3232.26	3174.03	55.51	
14200.00	11126.88	11290.00	90.11	22.82	19.54	3327.75	3269.43	57.06	
14300.00	11126.88	11290.00	90.11	22.82	19.54	3423.49	3365.09	58.62	
14400.00	11126.88	11290.00	90.11	22.82	19.54	3519.48	3461.00	60.19	
14500.00	11126.88	11290.00	90.11	22.82	19.54	3615.67	3557.13	61.76	
14600.00	11126.88	11290.00	90.11	22.82	19.54	3712.07	3653.47	63.34	
14700.00	11126.88	11290.00	90.11	22.82	19.54	3808.66	3750.00	64.92	
14800.00	11126.88	11290.00	90.11	22.82	19.54	3905.42	3846.70	66.51	
14900.00	11126.88	11290.00	90.11	22.82	19.54	4002.33	3943.56	68.10	
15000.00	11126.88	11290.00	90.11	22.82	19.54	4099.40	4040.57	69.68	
15100.00	11126.88	11290.00	90.11	22.82	19.54	4196.60	4137.72	71.27	
15200.00	11126.88	11290.00	90.11	22.82	19.54	4293.93	4235.00	72.86	
15300.00	11126.88	11290.00	90.11	22.82	19.54	4391.38	4332.40	74.46	
15400.00	11126.88	11290.00	90.11	22.82	19.54	4488.95	4429.92	76.05	
15500.00	11126.88	11290.00	90.11	22.82	19.54	4586.62	4527.54	77.64	
15600.00	11126.88	11290.00	90.11	22.82	19.54	4684.38	4625.26	79.23	
15625.28	11126.88	11290.00	90.11	22.82	19.54	4709.12	4649.98	79.63	

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

HOBBS OCD

Report Date: April 28, 2014
Job Number: _____
Customer: Devon Energy
Well Name: Bell Lake 19 State 3H
API Number: _____
Rig Name: _____
Location: Lea County, NM
Block: _____
Engineer: RWJ

JUN 13 2014

RECEIVED

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 435963.170 USFT	Latitude 32.1964650 DEG
East/West 765424.330 USFT	Longitude -103.6089042 DEG
Grid Convergence: .39°	
Total Correction: +6.96°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.19646° N	32° 11 min 47.274 sec
Longitude =	103.60890° W	103° 36 min 32.055 sec

Magnetic Declination =	7.35°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6618
Local Field Strength =	48302 nT	Magnetic Vector X = 23905 nT
Magnetic Dip =	60.07°	Magnetic Vector Y = 3085 nT
Magnetic Model =	bggm2013	Magnetic Vector Z = 41858 nT
Spud Date =	May 30, 2014	Magnetic Vector H = 24103 nT

Signed: _____

Date: _____