

District I  
1625 N French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax. (575) 393-0720  
District II  
811 S First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised August 1, 2011

Permit

PLEASE NOTE THIS IS FOR THE  
MOTHERBORE

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|                                                                                                                                      |                                                   |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------|
| <sup>1</sup> Operator Name and Address<br>ENCANA OIL & GAS (USA) INC.<br>370 17 <sup>TH</sup> STREET, SUITE 1700<br>DENVER, CO 80202 |                                                   | <sup>2</sup> OGRID Number<br>282327     |
|                                                                                                                                      |                                                   | <sup>3</sup> API Number<br>30-045-35315 |
| <sup>4</sup> Property Code<br>388de9                                                                                                 | <sup>5</sup> Property Name<br>GOOD TIMES P32-2410 | <sup>6</sup> Well No.<br>01H            |

<sup>7</sup> Location

|               |               |                 |              |         |                  |                   |                  |                  |                    |
|---------------|---------------|-----------------|--------------|---------|------------------|-------------------|------------------|------------------|--------------------|
| UL - Lot<br>P | Section<br>32 | Township<br>24N | Range<br>10W | Lot Idn | Feet from<br>990 | N/S Line<br>SOUTH | Feet From<br>330 | E/W Line<br>EAST | County<br>SAN JUAN |
|---------------|---------------|-----------------|--------------|---------|------------------|-------------------|------------------|------------------|--------------------|

<sup>8</sup> Pool Information

|                             |                                   |
|-----------------------------|-----------------------------------|
| SOUTH BISTI - GALLUP (5860) | RCVD OCT 13 '11<br>OIL CONS. DIV. |
|-----------------------------|-----------------------------------|

Additional Well Information

|                                  |                                                              |                                     |                                            |                                               |
|----------------------------------|--------------------------------------------------------------|-------------------------------------|--------------------------------------------|-----------------------------------------------|
| <sup>9</sup> Work Type<br>N      | <sup>10</sup> Well Type<br>O                                 | <sup>11</sup> Cable/Rotary<br>R     | <sup>12</sup> Lease Type<br>S              | <sup>13</sup> Ground Level Elevation<br>6615' |
| <sup>14</sup> Multiple<br>N/A    | <sup>15</sup> Proposed Depth<br>5845'                        | <sup>16</sup> Formation<br>MORRISON | <sup>17</sup> Contractor<br>AZTEC          | <sup>18</sup> Spud Date<br>01/01/12           |
| Depth to Ground water<br>UNKNOWN | Distance from nearest fresh water well<br>GREATER THAN 5280' |                                     | Distance to nearest surface water<br>6375' |                                               |

<sup>19</sup> Proposed Casing and Cement Program

| Type         | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement      | Estimated TOC |
|--------------|-----------|-------------|------------------|---------------|----------------------|---------------|
| CONDUCTOR    | 26"       | 20"         | 94#              | 60'           | 80                   | SURFACE       |
| SURFACE      | 17 1/2"   | 13 3/8"     | 48#              | 500'          | 230                  | SURFACE       |
| INTERMEDIATE | 12 1/4"   | 9 5/8"      | 40#              | 3900'         | 1290 (50% OH EXCESS) | SURFACE       |
| PRODUCTION   | 8 1/2"    |             |                  |               |                      |               |

Casing/Cement Program: Additional Comments

MOTHERBORE IS VERTICAL PILOT HOLE. WILL DRILL OUT OF 9 5/8" CSG WITH 8 1/2" BIT TO 5845' IN THE MORRISON. AFTER CORING AND RUNNING OH LOGS, WILL PLUGBACK WITH CEMENT AND KICKOFF FOR HORIZONTAL LATERAL IN THE GALLUP FORMATION. USING GELLED FRESH WATER MUD SYSTEM IN VERTICAL PILOT.

Proposed Blowout Prevention Program

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| ANNULAR    | 3000             | 1500          | TBD          |
| DOUBLE RAM | 3000             | 3000          | TBD          |

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **NO DRILLING PIT WILL BE USED.**

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐. *Brenda R Linstner*

Printed name: BRENDA R LINSTER

Title: REGULATORY ADVISOR

E-mail Address: BRENDA.LINSTER@ENCANA.COM

Date 10/09/2011

Phone: 720-876-3989

OIL CONSERVATION DIVISION

Approved By:

*Charles R. 10-19-11*

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

*Hold C104 for NSL & SD order, AS Drilled PLAT & Directional Survey*

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

*A*

District I  
1625 N French Dr, Hobbs, NM 88240  
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State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised August 1, 2011

Permit

PLEASE NOTE THIS IS FOR THE  
SIDEKICK

RCVD OCT 13 '11

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|                                                                                                                         |                                      |                            |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------|
| Operator Name and Address<br>ENCANA OIL & GAS (USA) INC.<br>370 17 <sup>th</sup> STREET, SUITE 1700<br>DENVER, CO 80202 |                                      | OGRID Number<br>282327     |
|                                                                                                                         |                                      | API Number<br>30.045-35315 |
| Property Code<br>38809                                                                                                  | Property Name<br>GOOD TIMES P32-2410 | Well No.<br>01H            |

Location

| UL - Lot<br>P | Section<br>32 | Township<br>24N | Range<br>10W | Lot Idn | Feet from<br>990 | N/S Line<br>SOUTH | Feet From<br>330 | E/W Line<br>EAST | County<br>SAN JUAN |
|---------------|---------------|-----------------|--------------|---------|------------------|-------------------|------------------|------------------|--------------------|
| M             | 32            | 24N             | 10W          |         | 990              | SOUTH             | 330              | WEST             | SAN JUAN           |

SHL  
BHL

Pool Information

SOUTH BISTI - GALLUP (5860)

Additional Well Information

|                               |                                      |                                                           |                     |                                         |
|-------------------------------|--------------------------------------|-----------------------------------------------------------|---------------------|-----------------------------------------|
| Work Type<br>N                | Well Type<br>O                       | Cable/Rotary<br>R                                         | Lease Type<br>S     | Ground Level Elevation<br>6615'         |
| Multiple<br>N/A               | Proposed Depth<br>4649' TVD/8994' MD | Formation<br>GALLUP                                       | Contractor<br>AZTEC | Spud Date<br>01/01/12                   |
| Depth to Ground water UNKNOWN |                                      | Distance from nearest fresh water well GREATER THAN 5280' |                     | Distance to nearest surface water 6375' |

Proposed Casing and Cement Program

| Type         | Hole Size | Casing Size | Casing Weight/ft | Setting Depth  | Sacks of Cement      | Estimated TOC |
|--------------|-----------|-------------|------------------|----------------|----------------------|---------------|
| CONDUCTOR    | 26"       | 20"         | 94#              | 60'            | 80                   | SURFACE       |
| SURFACE      | 17 1/2"   | 13 3/8"     | 48#              | 500'           | 230                  | SURFACE       |
| INTERMEDIATE | 12 1/4"   | 9 5/8"      | 40#              | 3900'          | 1290 (50% OH EXCESS) | SURFACE       |
| PRODUCTION   | 8 1/2"    | 5 1/2"      | 17#              | 3700'-8994' MD | N/A                  | N/A           |

Casing/Cement Program: Additional Comments

HORIZONTAL LATERAL IN THE GALLUP FORMATION. NO CEMENT IN THE PRODUCTION LINER, WILL RUN EXTERNAL SWELL CASING PACKER SYSTEM. WILL USE SYNTHETIC OIL BASED MUD SYSTEM FROM KOP TO TD OF HORIZONTAL LATERAL.

Proposed Blowout Prevention Program

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| ANNULAR    | 3000             | 1500          | TBD          |
| DOUBLE RAM | 3000             | 3000          | TBD          |

I hereby certify that the information given above is true and complete to the best of my knowledge and belief **NO DRILLING PIT WILL BE USED.**

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Brenda R. Linster

Printed name: BRENDA R. LINSTER

Title: REGULATORY ADVISOR

E-mail Address: BRENDA.LINSTER@ENCANA.COM

Date: 10/09/2011

Phone 720-876-3989

OIL CONSERVATION DIVISION

Approved By:

Charles L. 10-19-11

Title:

Approved Date:

Expiration Date:

HOLD-104 for NSL & SD order, As Drilled Hgt & Dir Survey

Conditions of Approval Attached

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**NO. 02'08"E 2626.10' (MEASURED)**

S89°50'49"W 2633.58' (MEASURED)  
S89°48'W 2633.07' (RECORD)

S89°52'48"W 2632.27' (MEASURED)  
S89°48'W 2633.07' (RECORD)

**NO. 09'W 2614.92' (RECORD)**  
**NO. 13'44"E 2614.30' (MEASURED)**

**32**

| BOTTOM-HOLE                                            | SURFACE LOCATION                                       |
|--------------------------------------------------------|--------------------------------------------------------|
| LAT: 36.26542°N<br>LONG: 107.92641°W<br>DATUM: NAD1927 | LAT: 36.26552°N<br>LONG: 107.91084°W<br>DATUM: NAD1927 |
| LAT: 36.26543°N<br>LONG: 107.92703°W<br>DATUM: NAD1983 | LAT: 36.26553°N<br>LONG: 107.91146°W<br>DATUM: NAD1983 |

**NO. 01'08"E 2626.89' (MEASURED)**

**330'**

S89°36.6'W 4540.8'

Gallup Penetration Point  
990' FSL 424' FEL

N89°33'E 2622.84' (RECORD)  
N89°37'56"E 2624.28' (MEASURED)

N89°33'E 2622.84' (RECORD)  
N89°34'49"E 2622.18' (MEASURED)

**NO. 15'11"E 2615.22' (MEASURED)**

**330'**

**990'**

### 17 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.

*[Signature]* 10/09/11  
Signature Date  
Brenda R. Linster  
Printed Name  
brenda.linster@encana.com  
E-mail Address

### 18 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.

Date of Survey: AUGUST 24, 2011

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

|                                                                            |                                          |                                                                                                                                                                                                                                    |                                                                                                                              |      |  |                                          |                                                                                                                           |                                                                                 |                                                                    |  |
|----------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------|--|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------|--|
| LOC: Sec 32-T24N-R10W<br>County: San Juan<br>WELL: Good Times P32-2410 01H |                                          |                                                                                                                                                                                                                                    | Encana Natural Gas<br><br>WELL SUMMARY                                                                                       |      |  |                                          | <div>encana<sub>™</sub></div> <div>natural gas</div>                                                                      |                                                                                 | ENG: J. Fox/ A. 10/9/11<br>RIG:<br>GLE: 6615<br>RKBE:              |  |
| MWD<br>LWD                                                                 | OPEN HOLE<br>LOGGING                     | FORM                                                                                                                                                                                                                               | DEPTH                                                                                                                        |      |  | HOLE<br>SIZE                             | CASING<br>SPECS                                                                                                           | MW<br>MUD TYPE                                                                  | DEVIATION<br>INFORMATION                                           |  |
|                                                                            |                                          |                                                                                                                                                                                                                                    | TVD                                                                                                                          | MD   |  |                                          |                                                                                                                           |                                                                                 |                                                                    |  |
|                                                                            |                                          |                                                                                                                                                                                                                                    | 60                                                                                                                           | 60'  |  | 26                                       | 20" 94#<br>80sx Type I Neat 48.8ppg cmt                                                                                   | Fresh wtr<br>8 3-9 2                                                            |                                                                    |  |
| Surveys<br>After csg is run                                                | None<br><br>Mud logger<br>onsite at spud |                                                                                                                                                                                                                                    | 500                                                                                                                          | 500  |  | 17 1/2                                   | 13 3/8" 48ppf H40 STC<br><br>TOC @ Surface                                                                                | Fresh wtr<br>8 4-8 6                                                            | Vertical<br><1°                                                    |  |
| Surveys<br>every 500'                                                      | Triple combo                             | Fruitland Coal<br><br>Pictured Cliffs Ss<br>Lewis Shale<br><br>Cliffhouse Ss<br>Menefee Fn<br>Point Lookout Ss<br>Mancos Sh                                                                                                        | 639<br><br>1014<br>1199<br><br>1845<br>2378<br>3416<br>3616<br>3900                                                          |      |  | 12 1/4                                   | 9 5/8" 40ppf J55 STC<br><br>TOC @ Surface                                                                                 | Fresh Wtr<br>8 5-8 8                                                            | Vertical<br><1°                                                    |  |
| Surveys<br>every 500'<br>Gyro<br>at CP<br>MWD<br>Gamma<br>Directional      | Triple combo                             | KICK OFF PT<br><br><br><br><br><br><br><br><br>Gallup Top<br>horz target<br>Prodelta Gallup<br>Upper Carlile Shale<br>Juana Lopez Sh<br>Lower Carlile Sh<br>Greenhorn LS<br>Graneros Sh<br>Dakota Grp<br>Morrison<br>Pilot Hole TD | 4077<br><br><br><br><br><br><br><br><br>4393<br>4649<br>4705<br>4909<br>5009<br>5125<br>5365<br>5425<br>5465<br>5745<br>5845 | 4982 |  | 8 1/2<br>w/opt<br>7 7/8<br>in<br>lateral | 5 1/2" 17ppf I/L80 LTC<br><br>Running external swellable csg packers for<br>isolation of prod string<br><br>4012' Lateral | Fresh Wtr<br>LSND-in pilot<br>8 5-8 8<br><br>Switch to OBM<br>at K/O<br>8 6-9 0 | KOP<br>4077<br>10 deg/100'<br><br><br>.7deg updip<br>TD = 8994' MD |  |

**NOTES:**

- 1) Drill with 26" bit to 60', set 20" 94# conductor pipe
- 2) Drill surface to 500', R&C 13 3/8" casing
- 3) N/U BOP and surface equipment
- 4) Drill to 3900', 12 1/4" hole size
- 5) Run OH logs, R&C 9 5/8" casing, circ cmt 50' into sur csg shoe
- 6) Drill 8 1/2" hole to core point, core Gallup/Niobrara & possibly Dakota, confirm coring details
- 7) RIH with 8 1/2" bit to drill 100' rathole, run OH logs
- 8) Plugback to 3800' with cmt
- 9) PU directional tools and K/O cmt plug and start curve at 10deg/100' build rate
- 10) Drill curve to 20-30deg then switch over to OBM system
- 11) Land at 90deg, drill 4012' lateral to 8994', run 5 1/2" liner with external swellable csg packers



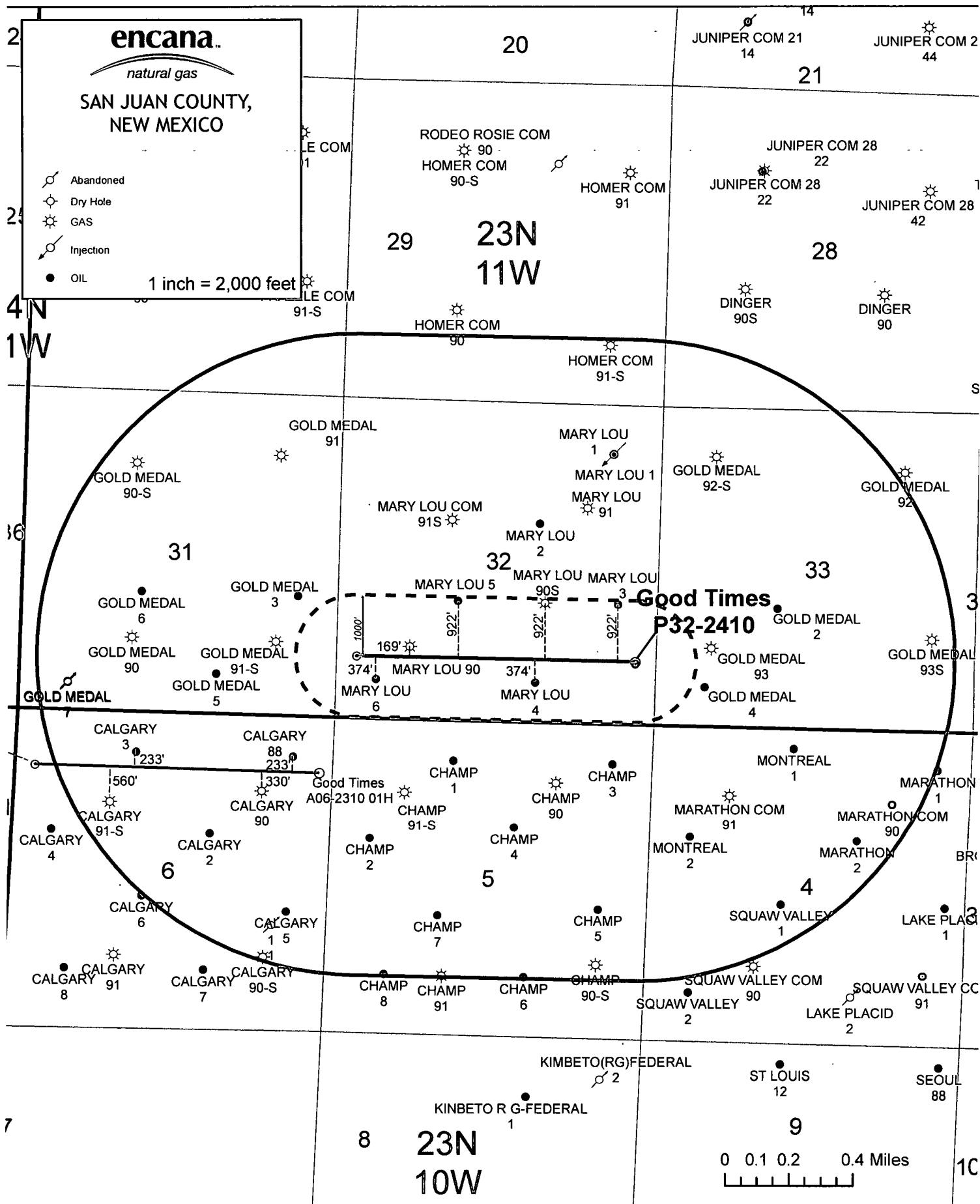
encana.

natural gas

SAN JUAN COUNTY,  
NEW MEXICO

- Abandoned
- Dry Hole
- GAS
- Injection
- OIL

1 inch = 2,000 feet



**Directions from the Intersection of US Hwy 550 & US Hwy 64**

**in Bloomfield, NM to Encana Oil & Gas (USA) Inc. Good Times P32-2410 01H**

**990' FSL & 330' FEL, Section 32, T24N, R10W, N.M.P.M., San Juan County, NM**

**Latitude: 36.26553°N Longitude: 107.91146°W Datum: NAD1983**

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 27.9 miles to State Hwy #57 @ Mile Marker 123.4;

Go right (South-westerly) on State Hwy #57 for 3.1 miles to fork in road;

Go left (South-westerly) remaining on State Hwy #57 for 2.6 miles to County Road #7635;

Go right (Westerly) on County Road #7635 for 0.9 miles to fork in road;

Go left (South-westerly) remaining on County Road #7635 for 1.4 miles to fork in road;

Go right (North-westerly) exiting County Road #7635 for 0.7 miles to fork in road;

Go left (South-westerly) for 0.7 miles to fork in road;

Go left which is straight (South-westerly) for 0.5 miles to new access on right-hand side of existing roadway which continues for 150.0' to staked location.

# Well Planning Proposal FOR

**Encana Oil & Gas (USA) Inc.**  
**Good Times P32-2410 01H**  
**San Juan Co., NM**

Well File: Design #1 (9/28/11)

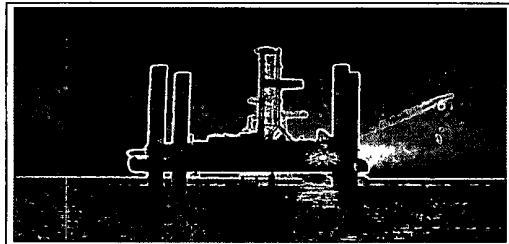
Presented By:

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Pat Rasmussen  
Regional Manager

---

Bret Wolford  
Well Planner

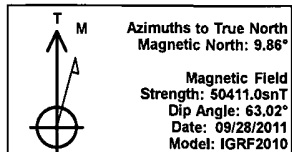




Encana Oil & Gas  
 Project: San Juan Co., NM (NAD83)  
 Site: Sec.32-T24N-R10W  
 Well: Good Times P32-2410 01H  
 Wellbore: Wellbore #1  
 Design: Design #1  
 Lat: 36.265530  
 Long: -107.911460  
 Pad GL: 6615.00  
 KB: WELL @ 6629.00usft

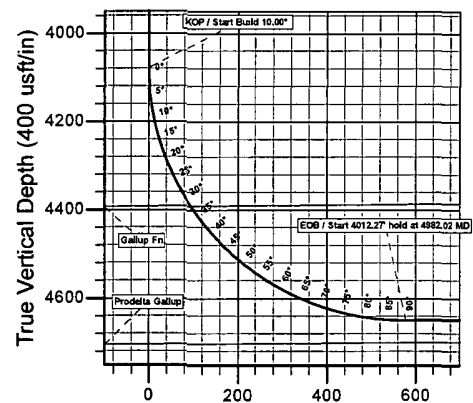


|                                                  |                           |
|--------------------------------------------------|---------------------------|
| <b>PROJECT DETAILS:</b> San Juan Co., NM (NAD83) |                           |
| Geodetic System:                                 | US State Plane 1983       |
| Datum:                                           | North American Datum 1983 |
| Ellipsoid:                                       | GRS 1980                  |
| Zone:                                            | New Mexico Western Zone   |
| System Datum:                                    | Mean Sea Level            |



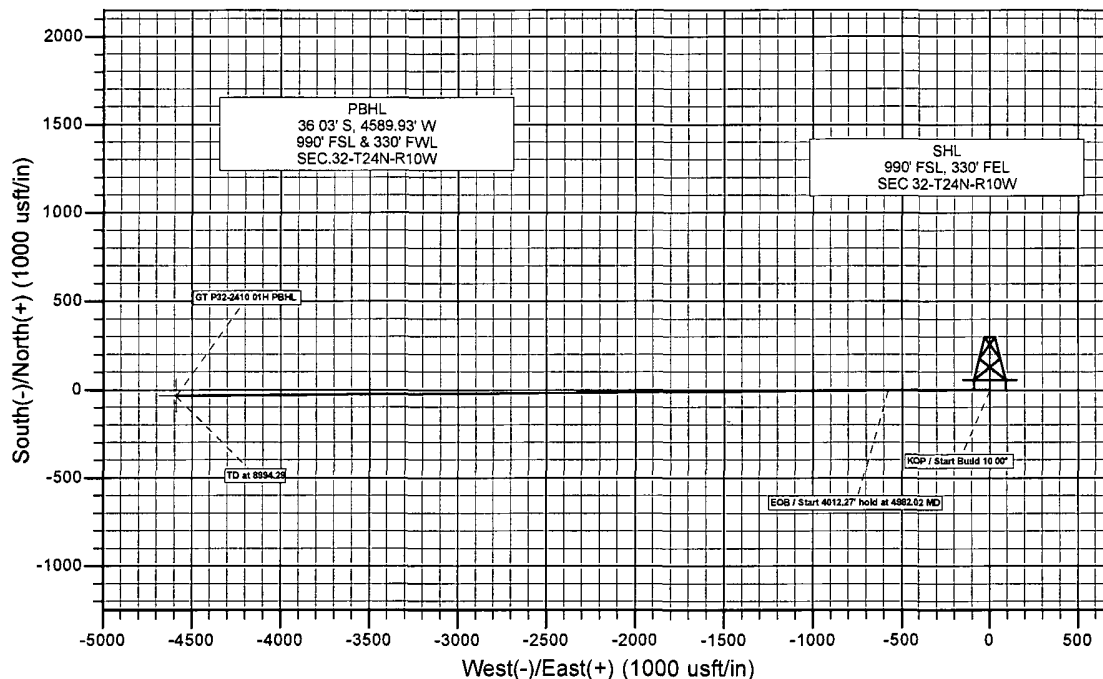
|                                              |       |             |               |             |  |
|----------------------------------------------|-------|-------------|---------------|-------------|--|
| <b>WELL DETAILS:</b> Good Times P32-2410 01H |       |             |               |             |  |
| +N/-S                                        | +E/-W | Northing    | Ground Level: | 6615.00     |  |
| 0.00                                         | 0.00  | 1915961.084 | Easting       | 2700060.498 |  |
|                                              |       |             | Latitude      | 36.265530   |  |
|                                              |       |             | Longitude     | -107.911460 |  |
|                                              |       |             | Slot          |             |  |

|                                           |         |        |          |           |             |
|-------------------------------------------|---------|--------|----------|-----------|-------------|
| <b>WELLBORE TARGET DETAILS (LAT/LONG)</b> |         |        |          |           |             |
| Name                                      | TVD     | +N/-S  | +E/-W    | Latitude  | Longitude   |
| GT P32-2410 01H PBHL                      | 4614.94 | -36.03 | -4589.93 | 36.265430 | -107.927030 |
|                                           |         |        |          | Point     |             |

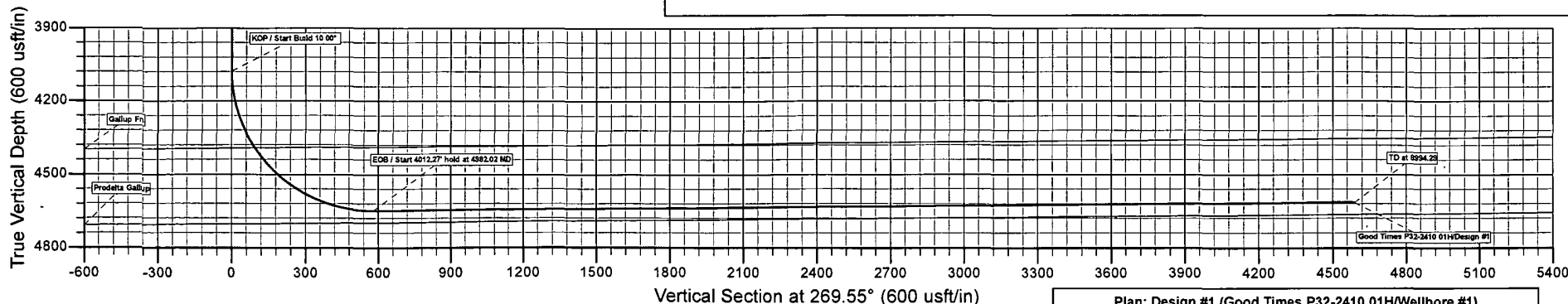


|                             |  |
|-----------------------------|--|
| <b>CASING DETAILS</b>       |  |
| No casing data is available |  |

|                              |         |                     |
|------------------------------|---------|---------------------|
| <b>FORMATION TOP DETAILS</b> |         |                     |
| TVDPath                      | MDPath  | Formation           |
| 234.00                       | 234.00  | Ojo Alamo Ss.       |
| 364.00                       | 364.00  | Kirtland Shale      |
| 639.00                       | 639.00  | Fruitland Coal      |
| 1014.00                      | 1014.00 | Pictured Cliffs Ss. |
| 1199.00                      | 1199.00 | Lewis Shale         |
| 1845.00                      | 1845.00 | Cliffhouse Ss.      |
| 2378.00                      | 2378.00 | Menefee Fn.         |
| 3416.00                      | 3416.00 | Point Lookout Ss.   |
| 3616.00                      | 3616.00 | Mancon Shale        |
| 4392.18                      | 4410.72 | Gallup Fn.          |



|                        |       |        |         |        |          |       |        |         |                                         |
|------------------------|-------|--------|---------|--------|----------|-------|--------|---------|-----------------------------------------|
| <b>SECTION DETAILS</b> |       |        |         |        |          |       |        |         |                                         |
| MD                     | Inc   | Azi    | TVD     | +N/-S  | +E/-W    | Dleg  | TFace  | VFace   | Annotation                              |
| 0.00                   | 0.00  | 0.00   | 0.00    | 0.00   | 0.00     | 0.00  | 0.00   | 0.00    |                                         |
| 4077.02                | 0.00  | 0.00   | 4077.02 | 0.00   | 0.00     | 0.00  | 0.00   | 0.00    | KOP / Start Build 10.00°                |
| 4982.02                | 90.50 | 269.55 | 4649.96 | -4.54  | -577.94  | 10.00 | 269.55 | 577.96  | EOB / Start 4012.27' hold at 4982.02 MD |
| 8994.29                | 90.50 | 269.55 | 4614.94 | -36.03 | -4589.93 | 0.00  | 0.00   | 4590.07 | TD at 8994.29                           |



|                                                              |                                |
|--------------------------------------------------------------|--------------------------------|
| <b>Plan: Design #1 (Good Times P32-2410 01H/Wellbore #1)</b> |                                |
| Created By: Bret Wolford                                     | Date: 13:21, September 28 2011 |

**encana™**

*natural gas*

## **Encana Oil & Gas**

San Juan Co., NM (NAD83)

Sec.32-T24N-R10W

Good Times P32-2410 01H

Wellbore #1

Plan: Design #1

## **Standard Planning Report**

28 September, 2011



|                  |                          |                                     |                              |
|------------------|--------------------------|-------------------------------------|------------------------------|
| <b>Database:</b> | EDMDBBW                  | <b>Local Co-ordinate Reference:</b> | Well Good Times P32-2410 01H |
| <b>Company:</b>  | Encana Oil & Gas         | <b>TVD Reference:</b>               | WELL @ 6629.00usft           |
| <b>Project:</b>  | San Juan Co., NM (NAD83) | <b>MD Reference:</b>                | WELL @ 6629.00usft           |
| <b>Site:</b>     | Sec.32-T24N-R10W         | <b>North Reference:</b>             | True                         |
| <b>Well:</b>     | Good Times P32-2410 01H  | <b>Survey Calculation Method:</b>   | Minimum Curvature            |
| <b>Wellbore:</b> | Wellbore #1              |                                     |                              |
| <b>Design:</b>   | Design #1                |                                     |                              |

|             |                           |                          |                |
|-------------|---------------------------|--------------------------|----------------|
| Project     |                           | San Juan Co., NM (NAD83) |                |
| Map System: | US State Plane 1983       | System Datum:            | Mean Sea Level |
| Geo Datum:  | North American Datum 1983 |                          |                |
| Map Zone:   | New Mexico Western Zone   |                          |                |

|                       |           |                  |                    |                   |             |
|-----------------------|-----------|------------------|--------------------|-------------------|-------------|
| Site                  |           | Sec.32-T24N-R10W |                    |                   |             |
| Site Position:        |           | Northing:        | 1,915,961.084 usft | Latitude:         | 36 265530   |
| From:                 | Lat/Long  | Easting:         | 2,700,060.498 usft | Longitude:        | -107.911460 |
| Position Uncertainty: | 0.00 usft | Slot Radius:     | 13-3/16"           | Grid Convergence: | -0.05 °     |

|                      |       |                         |                     |                    |               |               |
|----------------------|-------|-------------------------|---------------------|--------------------|---------------|---------------|
| Well                 |       | Good Times P32-2410 01H |                     |                    |               |               |
| Well Position        | +N/-S | 0.00 usft               | Northing:           | 1,915,961.084 usft | Latitude:     | 36 265530     |
|                      | +E/-W | 0.00 usft               | Easting:            | 2,700,060.498 usft | Longitude:    | -107.911460   |
| Position Uncertainty |       | 0.00 usft               | Wellhead Elevation: | usft               | Ground Level: | 6,615.00 usft |

|           |             |             |                 |               |                     |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | Wellbore #1 |             |                 |               |                     |
| Magnetics | Model Name  | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | IGRF2010    | 09/28/11    | 9.86            | 63.02         | 50,411              |

|                   |                            |                 |                 |                    |
|-------------------|----------------------------|-----------------|-----------------|--------------------|
| Design            |                            | Design #1       |                 |                    |
| Audit Notes:      |                            |                 |                 |                    |
| Version:          |                            | Phase:          | PLAN            | Tie On Depth: 0.00 |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°)   |
|                   | 4,614.94                   | 0.00            | 0.00            | 269.55             |

| Plan Sections               |                    |                |                             |                 |                 |                               |                              |                             |            |                    |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|------------------------------|-----------------------------|------------|--------------------|
| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) | TFO<br>(°) | Target             |
| 0.00                        | 0.00               | 0.00           | 0.00                        | 0.00            | 0.00            | 0.00                          | 0.00                         | 0.00                        | 0.00       |                    |
| 4,077.02                    | 0.00               | 0.00           | 4,077.02                    | 0.00            | 0.00            | 0.00                          | 0.00                         | 0.00                        | 0.00       |                    |
| 4,982.02                    | 90.50              | 269.55         | 4,649.96                    | -4.54           | -577.94         | 10.00                         | 10.00                        | 0.00                        | 269.55     | GT P32-2410 01H PB |
| 8,994.29                    | 90.50              | 269.55         | 4,614.94                    | -36.03          | -4,589.93       | 0.00                          | 0.00                         | 0.00                        | 0.00       | GT P32-2410 01H PB |

|                  |                          |                                     |                              |
|------------------|--------------------------|-------------------------------------|------------------------------|
| <b>Database:</b> | EDMDBBW                  | <b>Local Co-ordinate Reference:</b> | Well Good Times P32-2410 01H |
| <b>Company:</b>  | Encana Oil & Gas         | <b>TVD Reference:</b>               | WELL @ 6629.00usft           |
| <b>Project:</b>  | San Juan Co., NM (NAD83) | <b>MD Reference:</b>                | WELL @ 6629.00usft           |
| <b>Site:</b>     | Sec.32-T24N-R10W         | <b>North Reference:</b>             | True                         |
| <b>Well:</b>     | Good Times P32-2410 01H  | <b>Survey Calculation Method:</b>   | Minimum Curvature            |
| <b>Wellbore:</b> | Wellbore #1              |                                     |                              |
| <b>Design:</b>   | Design #1                |                                     |                              |

Planned Survey

| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 0.00                        | 0.00               | 0.00           | 0.00                        | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 100.00                      | 0.00               | 0.00           | 100.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 200.00                      | 0.00               | 0.00           | 200.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Ojo Alamo Ss.</b>        |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 234.00                      | 0.00               | 0.00           | 234.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 300.00                      | 0.00               | 0.00           | 300.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Kirtland Shale</b>       |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 364.00                      | 0.00               | 0.00           | 364.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 400.00                      | 0.00               | 0.00           | 400.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 500.00                      | 0.00               | 0.00           | 500.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 600.00                      | 0.00               | 0.00           | 600.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Fruitland Coal</b>       |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 639.00                      | 0.00               | 0.00           | 639.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 700.00                      | 0.00               | 0.00           | 700.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 800.00                      | 0.00               | 0.00           | 800.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 900.00                      | 0.00               | 0.00           | 900.00                      | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,000.00                    | 0.00               | 0.00           | 1,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Pictured Cliffs Ss.</b>  |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 1,014.00                    | 0.00               | 0.00           | 1,014.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,100.00                    | 0.00               | 0.00           | 1,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Lewis Shale</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 1,199.00                    | 0.00               | 0.00           | 1,199.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,200.00                    | 0.00               | 0.00           | 1,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,300.00                    | 0.00               | 0.00           | 1,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,400.00                    | 0.00               | 0.00           | 1,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,500.00                    | 0.00               | 0.00           | 1,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,600.00                    | 0.00               | 0.00           | 1,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,700.00                    | 0.00               | 0.00           | 1,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,800.00                    | 0.00               | 0.00           | 1,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Cliffhouse Ss.</b>       |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 1,845.00                    | 0.00               | 0.00           | 1,845.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 1,900.00                    | 0.00               | 0.00           | 1,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,000.00                    | 0.00               | 0.00           | 2,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,100.00                    | 0.00               | 0.00           | 2,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,200.00                    | 0.00               | 0.00           | 2,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,300.00                    | 0.00               | 0.00           | 2,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Menefee Fn.</b>          |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 2,378.00                    | 0.00               | 0.00           | 2,378.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,400.00                    | 0.00               | 0.00           | 2,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,500.00                    | 0.00               | 0.00           | 2,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,600.00                    | 0.00               | 0.00           | 2,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,700.00                    | 0.00               | 0.00           | 2,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,800.00                    | 0.00               | 0.00           | 2,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 2,900.00                    | 0.00               | 0.00           | 2,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,000.00                    | 0.00               | 0.00           | 3,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,100.00                    | 0.00               | 0.00           | 3,100.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,200.00                    | 0.00               | 0.00           | 3,200.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,300.00                    | 0.00               | 0.00           | 3,300.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,400.00                    | 0.00               | 0.00           | 3,400.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>Point Lookout Ss.</b>    |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 3,416.00                    | 0.00               | 0.00           | 3,416.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,500.00                    | 0.00               | 0.00           | 3,500.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,600.00                    | 0.00               | 0.00           | 3,600.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |

|                  |                          |                                     |                              |
|------------------|--------------------------|-------------------------------------|------------------------------|
| <b>Database:</b> | EDMDBBW                  | <b>Local Co-ordinate Reference:</b> | Well Good Times P32-2410 01H |
| <b>Company:</b>  | Encana Oil & Gas         | <b>TVD Reference:</b>               | WELL @ 6629.00usft           |
| <b>Project:</b>  | San Juan Co., NM (NAD83) | <b>MD Reference:</b>                | WELL @ 6629.00usft           |
| <b>Site:</b>     | Sec.32-T24N-R10W         | <b>North Reference:</b>             | True                         |
| <b>Well:</b>     | Good Times P32-2410 01H  | <b>Survey Calculation Method:</b>   | Minimum Curvature            |
| <b>Wellbore:</b> | Wellbore #1              |                                     |                              |
| <b>Design:</b>   | Design #1                |                                     |                              |

Planned Survey

| Measured<br>Depth<br>(usft)                    | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Vertical<br>Section<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) |
|------------------------------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| <b>Mancon Shale</b>                            |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 3,616.00                                       | 0.00               | 0.00           | 3,616.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,700.00                                       | 0.00               | 0.00           | 3,700.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,800.00                                       | 0.00               | 0.00           | 3,800.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 3,900.00                                       | 0.00               | 0.00           | 3,900.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,000.00                                       | 0.00               | 0.00           | 4,000.00                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| <b>KOP / Start Build 10.00°</b>                |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 4,077.02                                       | 0.00               | 0.00           | 4,077.02                    | 0.00            | 0.00            | 0.00                          | 0.00                          | 0.00                         | 0.00                        |
| 4,100.00                                       | 2.30               | 269.55         | 4,099.99                    | 0.00            | -0.46           | 0.46                          | 10.00                         | 10.00                        | 0.00                        |
| 4,150.00                                       | 7.30               | 269.55         | 4,149.80                    | -0.04           | -4.64           | 4.64                          | 10.00                         | 10.00                        | 0.00                        |
| 4,200.00                                       | 12.30              | 269.55         | 4,199.06                    | -0.10           | -13.15          | 13.15                         | 10.00                         | 10.00                        | 0.00                        |
| 4,250.00                                       | 17.30              | 269.55         | 4,247.38                    | -0.20           | -25.91          | 25.91                         | 10.00                         | 10.00                        | 0.00                        |
| 4,300.00                                       | 22.30              | 269.55         | 4,294.41                    | -0.34           | -42.84          | 42.84                         | 10.00                         | 10.00                        | 0.00                        |
| 4,350.00                                       | 27.30              | 269.55         | 4,339.79                    | -0.50           | -63.81          | 63.81                         | 10.00                         | 10.00                        | 0.00                        |
| 4,400.00                                       | 32.30              | 269.55         | 4,383.16                    | -0.70           | -88.65          | 88.65                         | 10.00                         | 10.00                        | 0.00                        |
| <b>Gallup Fn.</b>                              |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 4,410.72                                       | 33.37              | 269.55         | 4,392.18                    | -0.74           | -94.46          | 94.46                         | 10.00                         | 10.00                        | 0.00                        |
| 4,450.00                                       | 37.30              | 269.55         | 4,424.21                    | -0.92           | -117.17         | 117.17                        | 10.00                         | 10.00                        | 0.00                        |
| 4,500.00                                       | 42.30              | 269.55         | 4,462.61                    | -1.17           | -149.16         | 149.17                        | 10.00                         | 10.00                        | 0.00                        |
| 4,550.00                                       | 47.30              | 269.55         | 4,498.08                    | -1.45           | -184.38         | 184.39                        | 10.00                         | 10.00                        | 0.00                        |
| 4,600.00                                       | 52.30              | 269.55         | 4,530.35                    | -1.75           | -222.56         | 222.56                        | 10.00                         | 10.00                        | 0.00                        |
| 4,650.00                                       | 57.30              | 269.55         | 4,559.16                    | -2.07           | -263.40         | 263.41                        | 10.00                         | 10.00                        | 0.00                        |
| 4,700.00                                       | 62.30              | 269.55         | 4,584.30                    | -2.41           | -306.60         | 306.61                        | 10.00                         | 10.00                        | 0.00                        |
| 4,750.00                                       | 67.30              | 269.55         | 4,605.59                    | -2.76           | -351.82         | 351.83                        | 10.00                         | 10.00                        | 0.00                        |
| 4,800.00                                       | 72.30              | 269.55         | 4,622.85                    | -3.13           | -398.73         | 398.74                        | 10.00                         | 10.00                        | 0.00                        |
| 4,850.00                                       | 77.30              | 269.55         | 4,635.96                    | -3.51           | -446.96         | 446.98                        | 10.00                         | 10.00                        | 0.00                        |
| 4,900.00                                       | 82.30              | 269.55         | 4,644.81                    | -3.90           | -496.15         | 496.17                        | 10.00                         | 10.00                        | 0.00                        |
| 4,950.00                                       | 87.30              | 269.55         | 4,649.34                    | -4.29           | -545.93         | 545.95                        | 10.00                         | 10.00                        | 0.00                        |
| <b>EOB / Start 4012.27° hold at 4982.02 MD</b> |                    |                |                             |                 |                 |                               |                               |                              |                             |
| 4,982.02                                       | 90.50              | 269.55         | 4,649.96                    | -4.54           | -577.94         | 577.96                        | 10.00                         | 10.00                        | 0.00                        |
| 5,000.00                                       | 90.50              | 269.55         | 4,649.80                    | -4.68           | -595.92         | 595.94                        | 0.00                          | 0.00                         | 0.00                        |
| 5,100.00                                       | 90.50              | 269.55         | 4,648.93                    | -5.46           | -695.91         | 695.93                        | 0.00                          | 0.00                         | 0.00                        |
| 5,200.00                                       | 90.50              | 269.55         | 4,648.05                    | -6.25           | -795.90         | 795.93                        | 0.00                          | 0.00                         | 0.00                        |
| 5,300.00                                       | 90.50              | 269.55         | 4,647.18                    | -7.03           | -895.90         | 895.93                        | 0.00                          | 0.00                         | 0.00                        |
| 5,400.00                                       | 90.50              | 269.55         | 4,646.31                    | -7.82           | -995.89         | 995.92                        | 0.00                          | 0.00                         | 0.00                        |
| 5,500.00                                       | 90.50              | 269.55         | 4,645.44                    | -8.60           | -1,095.88       | 1,095.92                      | 0.00                          | 0.00                         | 0.00                        |
| 5,600.00                                       | 90.50              | 269.55         | 4,644.56                    | -9.39           | -1,195.88       | 1,195.91                      | 0.00                          | 0.00                         | 0.00                        |
| 5,700.00                                       | 90.50              | 269.55         | 4,643.69                    | -10.17          | -1,295.87       | 1,295.91                      | 0.00                          | 0.00                         | 0.00                        |
| 5,800.00                                       | 90.50              | 269.55         | 4,642.82                    | -10.96          | -1,395.86       | 1,395.91                      | 0.00                          | 0.00                         | 0.00                        |
| 5,900.00                                       | 90.50              | 269.55         | 4,641.95                    | -11.74          | -1,495.86       | 1,495.90                      | 0.00                          | 0.00                         | 0.00                        |
| 6,000.00                                       | 90.50              | 269.55         | 4,641.07                    | -12.53          | -1,595.85       | 1,595.90                      | 0.00                          | 0.00                         | 0.00                        |
| 6,100.00                                       | 90.50              | 269.55         | 4,640.20                    | -13.31          | -1,695.84       | 1,695.90                      | 0.00                          | 0.00                         | 0.00                        |
| 6,200.00                                       | 90.50              | 269.55         | 4,639.33                    | -14.10          | -1,795.84       | 1,795.89                      | 0.00                          | 0.00                         | 0.00                        |
| 6,300.00                                       | 90.50              | 269.55         | 4,638.45                    | -14.88          | -1,895.83       | 1,895.89                      | 0.00                          | 0.00                         | 0.00                        |
| 6,400.00                                       | 90.50              | 269.55         | 4,637.58                    | -15.67          | -1,995.82       | 1,995.88                      | 0.00                          | 0.00                         | 0.00                        |
| 6,500.00                                       | 90.50              | 269.55         | 4,636.71                    | -16.45          | -2,095.82       | 2,095.88                      | 0.00                          | 0.00                         | 0.00                        |
| 6,600.00                                       | 90.50              | 269.55         | 4,635.84                    | -17.24          | -2,195.81       | 2,195.88                      | 0.00                          | 0.00                         | 0.00                        |
| 6,700.00                                       | 90.50              | 269.55         | 4,634.96                    | -18.02          | -2,295.80       | 2,295.87                      | 0.00                          | 0.00                         | 0.00                        |
| 6,800.00                                       | 90.50              | 269.55         | 4,634.09                    | -18.81          | -2,395.79       | 2,395.87                      | 0.00                          | 0.00                         | 0.00                        |
| 6,900.00                                       | 90.50              | 269.55         | 4,633.22                    | -19.59          | -2,495.79       | 2,495.86                      | 0.00                          | 0.00                         | 0.00                        |
| 7,000.00                                       | 90.50              | 269.55         | 4,632.35                    | -20.38          | -2,595.78       | 2,595.86                      | 0.00                          | 0.00                         | 0.00                        |
| 7,100.00                                       | 90.50              | 269.55         | 4,631.47                    | -21.16          | -2,695.77       | 2,695.86                      | 0.00                          | 0.00                         | 0.00                        |
| 7,200.00                                       | 90.50              | 269.55         | 4,630.60                    | -21.95          | -2,795.77       | 2,795.85                      | 0.00                          | 0.00                         | 0.00                        |
| 7,300.00                                       | 90.50              | 269.55         | 4,629.73                    | -22.73          | -2,895.76       | 2,895.85                      | 0.00                          | 0.00                         | 0.00                        |

|                  |                          |                                     |                              |
|------------------|--------------------------|-------------------------------------|------------------------------|
| <b>Database:</b> | EDMDBBW                  | <b>Local Co-ordinate Reference:</b> | Well Good Times P32-2410 01H |
| <b>Company:</b>  | Encana Oil & Gas         | <b>TVD Reference:</b>               | WELL @ 6629.00usft           |
| <b>Project:</b>  | San Juan Co., NM (NAD83) | <b>MD Reference:</b>                | WELL @ 6629.00usft           |
| <b>Site:</b>     | Sec.32-T24N-R10W         | <b>North Reference:</b>             | True                         |
| <b>Well:</b>     | Good Times P32-2410 01H  | <b>Survey Calculation Method:</b>   | Minimum Curvature            |
| <b>Wellbore:</b> | Wellbore #1              |                                     |                              |
| <b>Design:</b>   | Design #1                |                                     |                              |

**Planned Survey**

| Measured Depth (usft)                       | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 7,400.00                                    | 90.50           | 269.55      | 4,628.86              | -23.52       | -2,995.75    | 2,995.85                | 0.00                    | 0.00                   | 0.00                  |
| 7,500.00                                    | 90.50           | 269.55      | 4,627.98              | -24.30       | -3,095.75    | 3,095.84                | 0.00                    | 0.00                   | 0.00                  |
| 7,600.00                                    | 90.50           | 269.55      | 4,627.11              | -25.09       | -3,195.74    | 3,195.84                | 0.00                    | 0.00                   | 0.00                  |
| 7,700.00                                    | 90.50           | 269.55      | 4,626.24              | -25.87       | -3,295.73    | 3,295.83                | 0.00                    | 0.00                   | 0.00                  |
| 7,800.00                                    | 90.50           | 269.55      | 4,625.36              | -26.66       | -3,395.73    | 3,395.83                | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00                                    | 90.50           | 269.55      | 4,624.49              | -27.44       | -3,495.72    | 3,495.83                | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00                                    | 90.50           | 269.55      | 4,623.62              | -28.23       | -3,595.71    | 3,595.82                | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00                                    | 90.50           | 269.55      | 4,622.75              | -29.01       | -3,695.71    | 3,695.82                | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                                    | 90.50           | 269.55      | 4,621.87              | -29.80       | -3,795.70    | 3,795.82                | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                                    | 90.50           | 269.55      | 4,621.00              | -30.58       | -3,895.69    | 3,895.81                | 0.00                    | 0.00                   | 0.00                  |
| 8,400.00                                    | 90.50           | 269.55      | 4,620.13              | -31.37       | -3,995.68    | 3,995.81                | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00                                    | 90.50           | 269.55      | 4,619.26              | -32.15       | -4,095.68    | 4,095.80                | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00                                    | 90.50           | 269.55      | 4,618.38              | -32.94       | -4,195.67    | 4,195.80                | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00                                    | 90.50           | 269.55      | 4,617.51              | -33.72       | -4,295.66    | 4,295.80                | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00                                    | 90.50           | 269.55      | 4,616.64              | -34.51       | -4,395.66    | 4,395.79                | 0.00                    | 0.00                   | 0.00                  |
| 8,900.00                                    | 90.50           | 269.55      | 4,615.77              | -35.29       | -4,495.65    | 4,495.79                | 0.00                    | 0.00                   | 0.00                  |
| <b>TD at 8994.29 - GT P32-2410 01H PBHL</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,994.29                                    | 90.50           | 269.55      | 4,614.94              | -36.03       | -4,589.93    | 4,590.07                | 0.00                    | 0.00                   | 0.00                  |

**Design Targets**

| Target Name               | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude  | Longitude   |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| - hit/miss target         |               |              |            |              |              |                 |                |           |             |
| - Shape                   |               |              |            |              |              |                 |                |           |             |
| GT P32-2410 01H PBHL      | 0.00          | 0.00         | 4,614.94   | -36.03       | -4,589.93    | 1,915,928.752   | 2,695,470.540  | 36 265430 | -107.927030 |
| - plan hits target center |               |              |            |              |              |                 |                |           |             |
| - Point                   |               |              |            |              |              |                 |                |           |             |

**Formations**

| Measured Depth (usft) | Vertical Depth (usft) | Name                | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|---------------------|-----------|---------|-------------------|
| 234.00                | 234.00                | Ojo Alamo Ss        |           | -0.50   | 269.55            |
| 364.00                | 364.00                | Kirtland Shale      |           | -0.50   | 269.55            |
| 639.00                | 639.00                | Fruitland Coal      |           | -0.50   | 269.55            |
| 1,014.00              | 1,014.00              | Pictured Cliffs Ss. |           | -0.50   | 269.55            |
| 1,199.00              | 1,199.00              | Lewis Shale         |           | -0.50   | 269.55            |
| 1,845.00              | 1,845.00              | Cliffhouse Ss.      |           | -0.50   | 269.55            |
| 2,378.00              | 2,378.00              | Menefee Fn.         |           | -0.50   | 269.55            |
| 3,416.00              | 3,416.00              | Point Lookout Ss.   |           | -0.50   | 269.55            |
| 3,616.00              | 3,616.00              | Mancon Shale        |           | -0.50   | 269.55            |
| 4,410.72              | 4,393.00              | Gallup Fn.          |           | -0.50   | 269.55            |

|                  |                          |                                     |                              |
|------------------|--------------------------|-------------------------------------|------------------------------|
| <b>Database:</b> | EDMDBBW                  | <b>Local Co-ordinate Reference:</b> | Well Good Times P32-2410 01H |
| <b>Company:</b>  | Encana Oil & Gas         | <b>TVD Reference:</b>               | WELL @ 6629.00usft           |
| <b>Project:</b>  | San Juan Co., NM (NAD83) | <b>MD Reference:</b>                | WELL @ 6629.00usft.          |
| <b>Site:</b>     | Sec.32-T24N-R10W         | <b>North Reference:</b>             | True                         |
| <b>Well:</b>     | Good Times P32-2410 01H  | <b>Survey Calculation Method:</b>   | Minimum Curvature            |
| <b>Wellbore:</b> | Wellbore #1              |                                     |                              |
| <b>Design:</b>   | Design #1                |                                     |                              |

**Plan Annotations**

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                 |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                         |
| 4,077.02                    | 4,077.02                    | 0.00              | 0.00            | KOP / Start Build 10.00°                |
| 4,982.02                    | 4,649.96                    | -4 54             | -577.94         | EOB / Start 4012.27' hold at 4982.02 MD |
| 8,994.29                    | 4,614.94                    | -36 03            | -4,589 93       | TD at 8994.29                           |