

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-3 APD form.

Operator Signature Date: 3/25/15

Well information;

Operator Encana, Well Name and Number Lybrook P24A-2206#2H

API# 30-043-21269, Section 24, Township 22 (N/S), Range 6 (E/W)

Conditions of Approval:

(See the below checked and handwritten conditions)

- ☒ Notify Aztec OCD 24hrs prior to casing & cement.
- ☒ Hold C-104 for directional survey & "As Drilled" Plat
- ☒ Hold C-104 for NSL NSP, DHC
- ☐ Spacing rule violation. Operator must follow up with change of status notification on other well to be shut in or abandoned
- ☐ Regarding the use of a pit, closed loop system or below grade tank, the operator must comply with the following as applicable:
 - A pit requires a complete C-144 be submitted and approved prior to the construction or use of the pit, pursuant to 19.15.17.8.A
 - A closed loop system requires notification prior to use, pursuant to 19.15.17.9.A
 - A below grade tank requires a registration be filed prior to the construction or use of the below grade tank, pursuant to 19.15.17.8.C
- ☐ Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
- ☒ Regarding Hydraulic Fracturing, review EPA Underground Injection Control Guidance 84
- ☒ Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.
- ☒ Well-bore communication is regulated under 19.15.29 NMAC. This requires well-bore Communication to be reported in accordance with 19.15.29.8.

APD Held for corrected C-102 rec'd on 1-27-16

Charles Pen
NMOCD Approved by Signature

2-4-2016
Date RV

RECEIVED

MAR 26 2015

OIL CONS. DIV DIST. 3

DEC 16 2015

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

Farmington Field Office


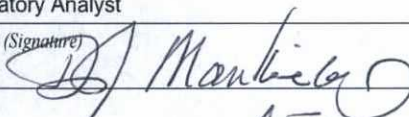
Bureau of Land Management

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM 117563
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Encana Oil & Gas (USA) Inc.		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 370 17th Street, Suite 1700 Denver, CO 80202	3b. Phone No. (include area code) 720-876-5994	8. Lease Name and Well No. Lybrook P24A-2206 02H
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface P 596' FSL and 730' FEL Section 24, T22N, R6W At proposed prod. zone P 330' FSL and 400' FEL Section 25, T22N, R6W		9. API Well No. 30-043-21269
14. Distance in miles and direction from nearest town or post office* +/- 62.5 miles South from the intersection of HWY 64 and HWY 550 in Bloomfield, NM		10. Field and Pool, or Exploratory Wildcat Gallup
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) BHL is 330' FSL Section 25, T22N, R6W	16. No. of acres in lease NMNM 117563 - 1,120 acres	11. Sec., T. R. M. or Blk. and Survey or Area Section 24, T22N, R6W NMPM
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. SHL +/-30' S Lybrook P24A-2206 01H	19. Proposed Depth 5,291' TVD; 10,479' MD	12. County or Parish Sandoval
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7,207' GL; 7,223' KB	22. Approximate date work will start* 11/05/2015	13. State NM
20. BLM/BIA Bond No. on file COB-000235		17. Spacing Unit dedicated to this well 160.0 acres- E2E2 Section 25, T22N, R6W
23. Estimated duration 20 Days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. I, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed Typed) Shawn Turk	Date 3/25/15
Title Regulatory Analyst		
Approved by (Signature) 	Name (Printed Typed)	Date 12/14/15
Title AFM	Office FFO	

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

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

(Continued on page 2)

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

NMOCD AV

DRILLING OPERATIONS AUTHORIZED
(Instructions on page 2)
ARE SUBJECT TO COMPLIANCE WITH
ATTACHED "GENERAL REQUIREMENTS"

This action is subject to
technical and procedural review
pursuant to 43 CFR 3165.3 and
appeal pursuant to 43 CFR 3165.4

CONFIDENTIAL

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) 478-3460 Fax: (505) 478-3462

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

DEC 16 2015

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-2269	² Pool Code 97981	³ Pool Name WILDCAT
⁴ Property Code 315968	⁵ Property Name LYBROOK P24A-2206	⁶ Well Number 02H
⁷ OGRID No. 282327	⁸ Operator Name ENCANA OIL & GAS (USA) INC.	⁹ Elevation 7207.3'

¹⁰ Surface Location

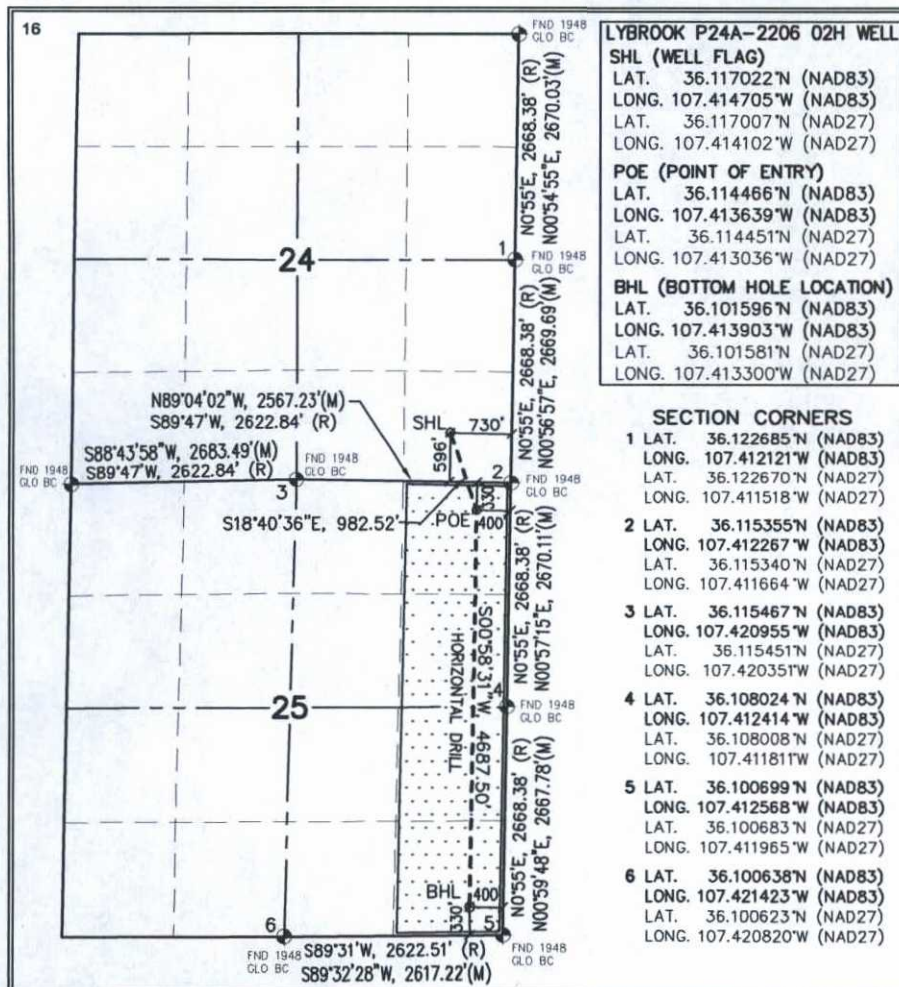
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
P	24	22N	06W		596	SOUTH	730	EAST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
P	25	22N	06W		330	SOUTH	400	EAST	SANDOVAL

¹² Dedicated Acres (RECORD) 160.00 ACRES	PROJECT AREA E/2 E/2 SECTION 25	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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: *Shawn Turk* Date: 3/25/15

Printed Name
Shawn Turk

E-mail Address
shawn.turk@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.

September 8, 2014

Date of Survey

Signature and Seal of Professional Surveyor:

Richard L. Mulliken

RICHARD L. MULLIKEN
NEW MEXICO
16873
PROFESSIONAL SURVEYOR
3-10-13

RICHARD L. MULLIKEN

Certificate Number

16873

Lybrook P24A-2206 02H
 SHL: 596' FSL, 730' FEL Sec 24, T22N, R6W
 BHL: 330' FSL, 400' FEL Sec 25, T22N, R6W
 Sandoval, New Mexico
 Lease Number: NMNM 117563

**Encana Oil & Gas (USA) Inc.
 Drilling Plan**

1. ESTIMATED TOPS OF GEOLOGICAL MARKERS (TVD)

The estimated tops of important geologic markers are as follows:

Formation	Depth (TVD) units = feet
San Jose Fn.	n/a
Nacimiento Fn.	surface
Ojo Alamo Ss.	1,318
Kirtland Shale	1,524
Fruitland Coal	1,656
Pictured Cliffs Ss.	1,874
Lewis Shale	2,011
Cliffhouse Ss.	2,669
Menefee Fn.	3,378
Point Lookout Ss.	4,135
Mancos Shale	4,351
Mancos Silt	4,907
Gallup Fn.	5,175
Base Gallup	5,461

The referenced surface elevation is 7207', KB 7223'

**2. ESTIMATED DEPTH OF POTENTIAL WATER, OIL, GAS,
 & OTHER MINERAL BEARING FORMATIONS**

Substance	Formation	Depth (TVD) units = feet
Water/Gas	Fruitland Coal	1,656
Oil/Gas	Pictured Cliffs Ss.	1,874
Oil/Gas	Cliffhouse Ss.	2,669
Gas	Menefee Fn.	3,378
Oil/Gas	Point Lookout Ss.	4,135
Oil/Gas	Mancos Shale	4,351
Oil/Gas	Mancos Silt	4,907
Oil/Gas	Gallup Fn.	5,175

All shows of fresh water and minerals will be reported and protected.

Lybrook P24A-2206 02H

SHL: 596' FSL, 730' FEL Sec 24, T22N, R6W

BHL: 330' FSL, 400' FEL Sec 25, T22N, R6W

Sandoval, New Mexico

Lease Number: NMNM 117563

3. PRESSURE CONTROL

- a) Pressure control equipment and configuration will be designed to meet 2M standards.
- b) Working pressure on rams and BOPE will be 3,000 psi.
- c) Function test and visual inspection of the BOP will be conducted daily and noted in the IADC Daily Drilling Report.
- d) The Annular BOP will be pressure tested to a minimum of 50 percent of its rated working pressure.
- e) Blind and Pipe Rams/BOP will be tested against a test plug to 100 percent of rated working pressure.
- f) Pressure tests are required before drilling out from under all casing strings set and cemented in place.
- g) BOP controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned.
- h) BOP testing procedures and testing frequency will conform to Onshore Order No. 2.
- i) BOP remote controls shall be located on the rig floor at a location readily accessible to the driller. Master controls shall be on the ground at the accumulator and shall have the capability to function all preventers.
- j) The kill line shall be 2-inch minimum and contain two kill line valves, one of which shall be a check valve.
- k) The choke line shall be a 2-inch minimum and contain two choke line valves (2-inch minimum).
- l) The choke and manifold shall contain two adjustable chokes.
- m) Hand wheels shall be installed on all ram preventers.
- n) Safety valves and wrenches (with subs for drill string connections) shall be available on the rig floor at all times.
- o) Inside BOP or float sub shall also be available on the rig floor at all times.

Proposed BOP and choke manifold arrangements are attached.

4. CASING & CEMENTING PROGRAM

The proposed casing and cementing program has been designed to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. All indications of useable water shall be reported.

- a) The proposed casing design is as follows:

Casing	Depth (MD)	Hole Size	Csg Size	Weight	Grade
Conductor	0'-60'	26"	16"	42.09#	
Surface	0'-500'	12 1/4"	9 5/8"	36#	J55, STC New
Intermediate	0'-5389'	8 3/4"	7"	26#	J55, LTC New
Production Liner	5289'-10479'	6 1/8"	4 1/2"	11.6#	B80*, LTC New

Casing String				Casing Strength Properties			Minimum Design Factors		
Size	Weight (ppf)	Grade	Connection	Collapse (psi)	Burst (psi)	Tensile (1000lbs)	Collapse	Burst	Tension
9 5/8"	36	J55	STC	2020	3520	394	1.125	1.1	1.5
7"	26	J55	LTC	4320	4980	367	1.125	1.1	1.5
4.5"	11.6	B80	LTC	6350	7780	201	1.125	1.1	1.5

*B80 pipe specifications are attached.

Casing design is subject to revision based on geologic conditions encountered.

Lybrook P24A-2206 02H**SHL: 596' FSL, 730' FEL Sec 24, T22N, R6W****BHL: 330' FSL, 400' FEL Sec 25, T22N, R6W****Sandoval, New Mexico****Lease Number: NMNM 117563**

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1,500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.

b) The proposed cementing program is as follows:

Casing	Depth (MD)	Cement Volume (sacks)	Cement Type & Yield	Designed TOC	Centralizers
Conductor	0'-60'	100 sks	Type I Neat 16 ppg	Surface	None
Surface	0'-500'	228 sks	Type III Cement + 1% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.2% bwoc FL-52A + 58.9% Fresh Water	Surface	1 per joint on bottom 3 joints
Intermediate	0'-5389'	100% open hole excess Stage 1 Lead: 501 sks Stage 1 Tail: 383 sks	Lead: PremLite + 3% CaCl + 0.25lb/sk CelloFlake + 5lb/sk LCM, 12.1ppg 2.13cuft/sk Tail: Type III Cmt + 1% CaCl + 0.25lb/sk Cello Flake 14.5ppg 1.38cuft/sk	Surface	1 every 3 joints through water bearing zones
Production Liner	5289'- 10479'	50% OH excess Stage 1 Blend Total: 294sks	Blend: Premium Lite High Strength FM + 0.7% bwoc R-3 + 3% bwoc Potassium Chloride + 0.25lbs/sack Cello Flake + 0.5% bwoc CD-32 + 1.15% bwoc FL- 52A + 60 lbs/sack Calcium Carbonate + 124.4% Fresh Water. Yield 2.63 cuft/sk	Liner Hanger	N/A

Actual volumes will be calculated and determined by conditions onsite. All cement slurries will meet or exceed minimum BLM and New Mexico Oil Conservation Division requirements. Slurries used will be the slurries listed above or equivalent slurries depending on service provider selected. Cement yields may change depending on slurries selected.

All waiting on cement times shall be a minimum of 8 hours or adequate to achieve minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. WELL PLAN & DIRECTIONAL DRILLING PROGRAM

The proposed horizontal well will have a kick off point of 600'. Directional plans are attached.

Description	Proposed Depth (TVD/MD)	Formation
Horizontal Lateral TD	5291'/10479'	Gallup

Lybrook P24A-2206 02H
 SHL: 596' FSL, 730' FEL Sec 24, T22N, R6W
 BHL: 330' FSL, 400' FEL Sec 25, T22N, R6W
 Sandoval, New Mexico
 Lease Number: NMNM 117563

6. DRILLING FLUIDS PROGRAM

a) Surface through Intermediate Casing Point:

Hole Size (in)	Depth (TVD/MD)	Mud Type	Density (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
30"	0-60'/60'	Fresh Water	8.3-9.2	38-100	4-28
12 1/4"	0'-500'/500'	Fresh Water	8.3-10	60-70	NC
8 3/4"	500'/500'-5275'/5389'	Fresh Water LSND	8.3-10	40-50	8-10

b) Intermediate Casing Point to TD:

Hole Size (in)	Depth (TVD/MD)	Mud Type	Density (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
6 1/8"	5275'/5389'- 5291'/10479'	Fresh Water LSND	8.3-10	15-25	<15

c) There will be sufficient mud on location to control a blowout should one occur. Mud flow and volume will be monitored both visually and with electronic pit volume totalizers. Mud tests shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

✓d) A closed-loop system will be used to recover drilling fluid and dry cuttings in both phases of the well and on all hole intervals. Above-ground tanks will be utilized to hold cuttings and fluids for rig operations. A frac tank will be on location to store fresh water. Waste will be disposed of properly at an EPA-approved hazardous waste facility. Fresh water cuttings will be disposed of at Basin Disposal, Inc. and/or Industrial Ecosystems, Inc. The location will be lined in accordance with the Surface Use Plan of Operations.

7. TESTING, CORING, & LOGGING

- a) Drill Stem Testing - None anticipated.
- b) Coring - None anticipated.
- c) Mudd Logging - Mud loggers will be on location from kick off point to TD.
- d) Logging - See below.

Cased Hole:

CBL/CCL/GR/VDL will be run as needed for perforating control.

8. ABNORMAL PRESSURES & HYDROGEN SULFIDE

The anticipated bottom hole pressure is +/- 2531 psi based on a 9.0 ppg at 5409' TVD of the horizontal lateral target. No abnormal pressure or temperatures are anticipated.

No hydrogen sulfide gas is anticipated, however, if H₂S is encountered, the guidelines in Onshore Order No. 6 will be followed.

9. ANTICIPATED START DATE AND DURATION OF OPERATIONS

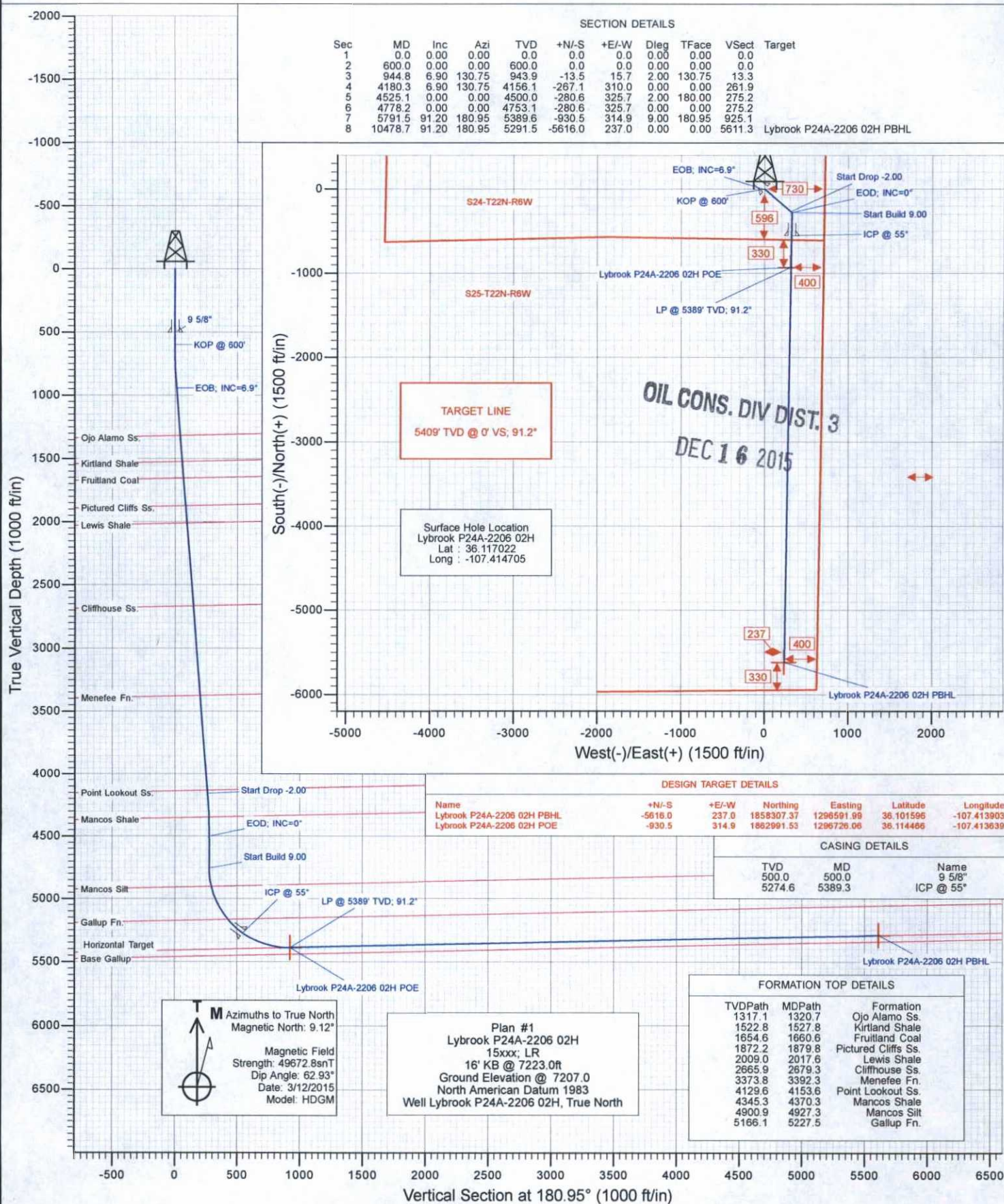
Drilling is estimated to commence on November 5, 2015. It is anticipated that completion operations will begin within 30 days after the well has been drilled depending on fracture treatment schedules with various pumping service companies.

It is anticipated that the drilling of this well will take approximately 20 days.

LOC: 596' FSL, 730' FEL Sec 24, T22N, R6W County: Sandoval WELL: Lybrook P24A-2206 02H			Encana Oil & Gas (USA) Inc. WELL SUMMARY			ENG: David Scadder 3-25-15 RIG: Unassigned GLE: 7207 RKBE: 7223			
MWD LWD	OPEN HOLE LOGGING	FORM	DEPTH			HOLE SIZE	CASING SPECS	MW MUD TYPE	DEVIATION INFORMATION
			TVD	MD					
			60 0	60'		26	16" 42.09# 100sx Type I Neat 16.0ppg cmt	Fresh wtr 8.3-9.2	
Multi-Well pad take survey every stand and run anti-collision report prior to spud	None	San Jose Fn.	0			12 1/4	9 5/8" 36ppf J55 LTC TOC Surface with 100% OH Excess: 228 sks Type III Cement + 1% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.2% bwoc FL-52A + 58.9% Fresh Water.	Fresh wtr 8.3-10	Vertical <1°
Survey Every 60'-120', updating anticollision report after surveys. Stop operations and contact drilling engineer if separation factor approaches 1.5	No OH logs	Nacimiento Fn. 9 5/8" Csg	surface 500	500.00		8 3/4	7" 26ppf J55 LTC TOC @ surface (100% OH excess - 70% Lead 30% Tail) Stage 1 Total: 885sks Stage 1 Lead: 501 sks Premium Lite FM + 3% CaCl2 + 0.25/sk Cello Flake + 5#/sk LCM-1 + 8% Bentonite + 0.4% FL-52A + 0.4% Sodium Metasilicate. Mixed at 12.1 ppg. Yield 2.13 cuft/sk. Stage 1 Tail: 383 sks Type III Cement + 1% CaCl2 + 0.25#/sk Cello Flake + 0.2% FL-52A. Mixed at 14.6 ppg. Yield 1.38 cuft/sk.	Fresh Wtr 8.3-10	Vertical <1°
		Ojo Alamo Ss. Kirtland Shale	1,318 1,524						
		Fruitland Coal	1,656						
		Pictured Cliffs Ss. Lewis Shale	1,874 2,011						
		Cliffhouse Ss. Menefee Fn.	2,669 3,378						
Surveys every 30' through the curve	Mud logger onsite	Point Lookout Ss. Mancos Shale	4,135 4,351						
		KOP	600	600					
		Mancos Silt	4,907						
		Gallup Fn.	5,175						
		7" Csg	5,275	5,389'					
Surveys every stand to TD unless directed otherwise by Geologist	No OH Logs	Horizontal Target TD	5,409 5,291	10,479	6 1/8	100' overlap at liner top			Horz Inc/TVD 91.2deg/5409ft
		Base Gallup	5,461			5089' Drilled Lateral			TD = 10478.7 MD
MWD Gamma Directional						4 1/2" 11.6ppf SB80 LTC TOC @ hanger (50% OH excess) Stage 1 Total: 294sks Stage 1 Blend: 294 sks Premium Lite High Strength FM + 0.7% bwoc R-3 + 3% bwow Potassium Chloride + 0.25lbs/sack Cello Flake + 0.5% bwoc CD-32 + 1.15% bwoc FL-52A + 60 lbs/sack Calcium Carbonate + 124.4% Fresh Water. Yield 2.63 cuft/sk.	WBM 8.3-10		

NOTES:

- 1) Drill with 26" bit to 60', set 16" 42.09ppf conductor pipe
- 2) Drill surface to 500', R&C 9 5/8" casing
- 3) NU BOP and surface equipment
- 4) Drill to KOP of 600', 8 3/4 inch holesize
- 5) Start curve at 10deg/100' build rate
- 6) Drill to csg point of 5389' MD
- 7) R&C 7" csg, circ cmt to surface
- 8) Land at ~55 deg, drill lateral to 10479' run 4 1/2 inch cemented liner



DEC 16 2015

Planning Report

Database: USA EDM 5000 Multi Users DB
 Company: EnCana Oil & Gas (USA) Inc
 Project: Sandoval County, NM
 Site: S24-T22N-R6W
 Well: Lybrook P24A-2206 02H
 Wellbore: HZ
 Design: Plan #1

Local Co-ordinate Reference: Well Lybrook P24A-2206 02H
 TVD Reference: 16' KB @ 7223.0ft
 MD Reference: 16' KB @ 7223.0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Project Sandoval County, NM

Map System: US State Plane 1983
 Geo Datum: North American Datum 1983
 Map Zone: New Mexico Central Zone

System Datum: Mean Sea Level

Site S24-T22N-R6W

Site Position:		Northing:	1,863,955.62 ft	Latitude:	36.117104
From:	Lat/Long	Easting:	1,296,422.70 ft	Longitude:	-107.414705
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-0.69 °

Well Lybrook P24A-2206 02H

Well Position	+N/-S	0.0 ft	Northing:	1,863,925.77 ft	Latitude:	36.117022
	+E/-W	0.0 ft	Easting:	1,296,422.34 ft	Longitude:	-107.414705
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	7,207.0 ft

Wellbore HZ

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	3/12/2015	9.12	62.93	49,673

Design Plan #1

Audit Notes:

Version: Phase: PLAN Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	180.95

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
944.8	6.90	130.75	943.9	-13.5	15.7	2.00	2.00	0.00	130.75	
4,180.3	6.90	130.75	4,156.1	-267.1	310.0	0.00	0.00	0.00	0.00	
4,525.1	0.00	0.00	4,500.0	-280.6	325.7	2.00	-2.00	0.00	180.00	
4,778.2	0.00	0.00	4,753.1	-280.6	325.7	0.00	0.00	0.00	0.00	
5,791.5	91.20	180.95	5,389.6	-930.5	314.9	9.00	9.00	0.00	180.95	
10,478.7	91.20	180.95	5,291.5	-5,616.0	237.0	0.00	0.00	0.00	0.00	Lybrook P24A-2206 0

Planning Report

Database: USA EDM 5000 Multi Users DB
 Company: EnCana Oil & Gas (USA) Inc
 Project: Sandoval County, NM
 Site: S24-T22N-R6W
 Well: Lybrook P24A-2206 02H
 Wellbore: HZ
 Design: Plan #1

Local Co-ordinate Reference: Well Lybrook P24A-2206 02H
 TVD Reference: 16' KB @ 7223.0ft
 MD Reference: 16' KB @ 7223.0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	9 5/8"
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	KOP @ 600'
700.0	2.00	130.75	700.0	-1.1	1.3	1.1	2.00	2.00	
800.0	4.00	130.75	799.8	-4.6	5.3	4.5	2.00	2.00	
900.0	6.00	130.75	899.5	-10.2	11.9	10.0	2.00	2.00	
944.8	6.90	130.75	943.9	-13.5	15.7	13.3	2.00	2.00	EOB; INC=6.9°
1,000.0	6.90	130.75	998.8	-17.9	20.7	17.5	0.00	0.00	
1,100.0	6.90	130.75	1,098.0	-25.7	29.8	25.2	0.00	0.00	
1,200.0	6.90	130.75	1,197.3	-33.5	38.9	32.9	0.00	0.00	
1,300.0	6.90	130.75	1,296.6	-41.4	48.0	40.6	0.00	0.00	
1,320.7	6.90	130.75	1,317.1	-43.0	49.9	42.1	0.00	0.00	Ojo Alamo Ss.
1,400.0	6.90	130.75	1,395.9	-49.2	57.1	48.2	0.00	0.00	
1,500.0	6.90	130.75	1,495.2	-57.0	66.2	55.9	0.00	0.00	
1,527.8	6.90	130.75	1,522.8	-59.2	68.7	58.1	0.00	0.00	Kirtland Shale
1,600.0	6.90	130.75	1,594.4	-64.9	75.3	63.6	0.00	0.00	
1,660.6	6.90	130.75	1,654.6	-69.6	80.8	68.3	0.00	0.00	Fruitland Coal
1,700.0	6.90	130.75	1,693.7	-72.7	84.4	71.3	0.00	0.00	
1,800.0	6.90	130.75	1,793.0	-80.5	93.5	79.0	0.00	0.00	
1,879.8	6.90	130.75	1,872.2	-86.8	100.7	85.1	0.00	0.00	Pictured Cliffs Ss.
1,900.0	6.90	130.75	1,892.3	-88.4	102.6	86.7	0.00	0.00	
2,000.0	6.90	130.75	1,991.5	-96.2	111.7	94.4	0.00	0.00	
2,017.6	6.90	130.75	2,009.0	-97.6	113.3	95.7	0.00	0.00	Lewis Shale
2,100.0	6.90	130.75	2,090.8	-104.1	120.8	102.0	0.00	0.00	
2,200.0	6.90	130.75	2,190.1	-111.9	129.9	109.7	0.00	0.00	
2,300.0	6.90	130.75	2,289.4	-119.7	139.0	117.4	0.00	0.00	
2,400.0	6.90	130.75	2,388.6	-127.6	148.1	125.1	0.00	0.00	
2,500.0	6.90	130.75	2,487.9	-135.4	157.2	132.8	0.00	0.00	
2,600.0	6.90	130.75	2,587.2	-143.2	166.3	140.5	0.00	0.00	
2,679.3	6.90	130.75	2,665.9	-149.5	173.5	146.6	0.00	0.00	Cliffhouse Ss.
2,700.0	6.90	130.75	2,686.5	-151.1	175.4	148.1	0.00	0.00	
2,800.0	6.90	130.75	2,785.7	-158.9	184.4	155.8	0.00	0.00	
2,900.0	6.90	130.75	2,885.0	-166.7	193.5	163.5	0.00	0.00	
3,000.0	6.90	130.75	2,984.3	-174.6	202.6	171.2	0.00	0.00	
3,100.0	6.90	130.75	3,083.6	-182.4	211.7	178.9	0.00	0.00	
3,200.0	6.90	130.75	3,182.9	-190.3	220.8	186.6	0.00	0.00	
3,300.0	6.90	130.75	3,282.1	-198.1	229.9	194.3	0.00	0.00	
3,392.3	6.90	130.75	3,373.8	-205.3	238.3	201.3	0.00	0.00	Menefee Fn.
3,400.0	6.90	130.75	3,381.4	-205.9	239.0	201.9	0.00	0.00	
3,500.0	6.90	130.75	3,480.7	-213.8	248.1	209.6	0.00	0.00	
3,600.0	6.90	130.75	3,580.0	-221.6	257.2	217.3	0.00	0.00	
3,700.0	6.90	130.75	3,679.2	-229.4	266.3	225.0	0.00	0.00	
3,800.0	6.90	130.75	3,778.5	-237.3	275.4	232.7	0.00	0.00	
3,900.0	6.90	130.75	3,877.8	-245.1	284.5	240.4	0.00	0.00	
4,000.0	6.90	130.75	3,977.1	-252.9	293.6	248.0	0.00	0.00	
4,100.0	6.90	130.75	4,076.3	-260.8	302.7	255.7	0.00	0.00	
4,153.6	6.90	130.75	4,129.6	-265.0	307.6	259.8	0.00	0.00	Point Lookout Ss.
4,180.3	6.90	130.75	4,156.1	-267.1	310.0	261.9	0.00	0.00	Start Drop -2.00

Planning Report

Database: USA EDM 5000 Multi Users DB
Company: EnCana Oil & Gas (USA) Inc
Project: Sandoval County, NM
Site: S24-T22N-R6W
Well: Lybrook P24A-2206 02H
Wellbore: HZ
Design: Plan #1

Local Co-ordinate Reference: Well Lybrook P24A-2206 02H
TVD Reference: 16' KB @ 7223.0ft
MD Reference: 16' KB @ 7223.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
4,200.0	6.50	130.75	4,175.6	-268.6	311.7	263.4	2.00	-2.00	
4,300.0	4.50	130.75	4,275.2	-274.8	319.0	269.5	2.00	-2.00	
4,370.3	3.10	130.75	4,345.3	-277.9	322.5	272.5	2.00	-2.00	Mancos Shale
4,400.0	2.50	130.75	4,375.0	-278.8	323.6	273.4	2.00	-2.00	
4,500.0	0.50	130.75	4,474.9	-280.5	325.6	275.1	2.00	-2.00	
4,525.1	0.00	0.00	4,500.0	-280.6	325.7	275.2	2.00	-2.00	EOD; INC=0°
4,600.0	0.00	0.00	4,574.9	-280.6	325.7	275.2	0.00	0.00	
4,700.0	0.00	0.00	4,674.9	-280.6	325.7	275.2	0.00	0.00	
4,778.2	0.00	0.00	4,753.1	-280.6	325.7	275.2	0.00	0.00	Start Build 9.00
4,800.0	1.96	180.95	4,774.9	-281.0	325.7	275.5	9.00	9.00	
4,900.0	10.96	180.95	4,874.2	-292.2	325.5	286.8	9.00	9.00	
4,927.3	13.42	180.95	4,900.9	-298.0	325.4	292.5	9.00	9.00	Mancos Silt
5,000.0	19.96	180.95	4,970.5	-318.8	325.1	313.4	9.00	9.00	
5,100.0	28.96	180.95	5,061.4	-360.2	324.4	354.8	9.00	9.00	
5,200.0	37.96	180.95	5,144.7	-415.3	323.5	409.9	9.00	9.00	
5,227.5	40.44	180.95	5,166.1	-432.6	323.2	427.2	9.00	9.00	Gallup Fn.
5,300.0	46.96	180.95	5,218.4	-482.7	322.3	477.3	9.00	9.00	
5,389.3	55.00	180.95	5,274.6	-552.0	321.2	546.6	9.00	9.00	ICP @ 55°
5,400.0	55.96	180.95	5,280.7	-560.8	321.0	555.4	9.00	9.00	
5,500.0	64.96	180.95	5,329.9	-647.7	319.6	642.3	9.00	9.00	
5,600.0	73.96	180.95	5,365.0	-741.3	318.0	735.9	9.00	9.00	
5,700.0	82.96	180.95	5,385.0	-839.1	316.4	833.8	9.00	9.00	
5,791.5	91.20	180.95	5,389.6	-930.5	314.9	925.1	9.00	9.00	LP @ 5389' TVD; 91.2°
5,791.6	91.20	180.95	5,389.6	-930.5	314.9	925.2	0.00	0.00	Lybrook P24A-2206 02H POE
5,800.0	91.20	180.95	5,389.4	-938.9	314.8	933.6	0.00	0.00	
5,900.0	91.20	180.95	5,387.3	-1,038.9	313.1	1,033.5	0.00	0.00	
6,000.0	91.20	180.95	5,385.3	-1,138.8	311.4	1,133.5	0.00	0.00	
6,100.0	91.20	180.95	5,383.2	-1,238.8	309.8	1,233.5	0.00	0.00	
6,200.0	91.20	180.95	5,381.1	-1,338.8	308.1	1,333.5	0.00	0.00	
6,300.0	91.20	180.95	5,379.0	-1,438.7	306.4	1,433.5	0.00	0.00	
6,400.0	91.20	180.95	5,376.9	-1,538.7	304.8	1,533.4	0.00	0.00	
6,500.0	91.20	180.95	5,374.8	-1,638.7	303.1	1,633.4	0.00	0.00	
6,600.0	91.20	180.95	5,372.7	-1,738.6	301.5	1,733.4	0.00	0.00	
6,700.0	91.20	180.95	5,370.6	-1,838.6	299.8	1,833.4	0.00	0.00	
6,800.0	91.20	180.95	5,368.5	-1,938.6	298.1	1,933.4	0.00	0.00	
6,900.0	91.20	180.95	5,366.4	-2,038.5	296.5	2,033.3	0.00	0.00	
7,000.0	91.20	180.95	5,364.3	-2,138.5	294.8	2,133.3	0.00	0.00	
7,100.0	91.20	180.95	5,362.2	-2,238.5	293.1	2,233.3	0.00	0.00	
7,200.0	91.20	180.95	5,360.1	-2,338.4	291.5	2,333.3	0.00	0.00	
7,300.0	91.20	180.95	5,358.0	-2,438.4	289.8	2,433.2	0.00	0.00	
7,400.0	91.20	180.95	5,355.9	-2,538.3	288.1	2,533.2	0.00	0.00	
7,500.0	91.20	180.95	5,353.8	-2,638.3	286.5	2,633.2	0.00	0.00	
7,600.0	91.20	180.95	5,351.7	-2,738.3	284.8	2,733.2	0.00	0.00	
7,700.0	91.20	180.95	5,349.7	-2,838.2	283.2	2,833.2	0.00	0.00	
7,800.0	91.20	180.95	5,347.6	-2,938.2	281.5	2,933.1	0.00	0.00	
7,900.0	91.20	180.95	5,345.5	-3,038.2	279.8	3,033.1	0.00	0.00	
8,000.0	91.20	180.95	5,343.4	-3,138.1	278.2	3,133.1	0.00	0.00	
8,100.0	91.20	180.95	5,341.3	-3,238.1	276.5	3,233.1	0.00	0.00	
8,200.0	91.20	180.95	5,339.2	-3,338.1	274.8	3,333.0	0.00	0.00	
8,300.0	91.20	180.95	5,337.1	-3,438.0	273.2	3,433.0	0.00	0.00	
8,400.0	91.20	180.95	5,335.0	-3,538.0	271.5	3,533.0	0.00	0.00	
8,500.0	91.20	180.95	5,332.9	-3,638.0	269.9	3,633.0	0.00	0.00	

Planning Report

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 Wellbore: HZ
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Local Co-ordinate Reference: Well Lybrook P24A-2206 02H
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 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
8,600.0	91.20	180.95	5,330.8	-3,737.9	268.2	3,733.0	0.00	0.00	
8,700.0	91.20	180.95	5,328.7	-3,837.9	266.5	3,832.9	0.00	0.00	
8,800.0	91.20	180.95	5,326.6	-3,937.8	264.9	3,932.9	0.00	0.00	
8,900.0	91.20	180.95	5,324.5	-4,037.8	263.2	4,032.9	0.00	0.00	
9,000.0	91.20	180.95	5,322.4	-4,137.8	261.5	4,132.9	0.00	0.00	
9,100.0	91.20	180.95	5,320.3	-4,237.7	259.9	4,232.8	0.00	0.00	
9,200.0	91.20	180.95	5,318.2	-4,337.7	258.2	4,332.8	0.00	0.00	
9,300.0	91.20	180.95	5,316.1	-4,437.7	256.6	4,432.8	0.00	0.00	
9,400.0	91.20	180.95	5,314.1	-4,537.6	254.9	4,532.8	0.00	0.00	
9,500.0	91.20	180.95	5,312.0	-4,637.6	253.2	4,632.8	0.00	0.00	
9,600.0	91.20	180.95	5,309.9	-4,737.6	251.6	4,732.7	0.00	0.00	
9,700.0	91.20	180.95	5,307.8	-4,837.5	249.9	4,832.7	0.00	0.00	
9,800.0	91.20	180.95	5,305.7	-4,937.5	248.2	4,932.7	0.00	0.00	
9,900.0	91.20	180.95	5,303.6	-5,037.5	246.6	5,032.7	0.00	0.00	
10,000.0	91.20	180.95	5,301.5	-5,137.4	244.9	5,132.6	0.00	0.00	
10,100.0	91.20	180.95	5,299.4	-5,237.4	243.3	5,232.6	0.00	0.00	
10,200.0	91.20	180.95	5,297.3	-5,337.3	241.6	5,332.6	0.00	0.00	
10,300.0	91.20	180.95	5,295.2	-5,437.3	239.9	5,432.6	0.00	0.00	
10,400.0	91.20	180.95	5,293.1	-5,537.3	238.3	5,532.6	0.00	0.00	
10,478.7	91.20	180.95	5,291.5	-5,616.0	237.0	5,611.3	0.00	0.00	TD at 10478.7 - Lybrook P24A-2206 02H PBHL

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Lybrook P24A-2206 02H - plan hits target center - Point	0.00	0.00	5,389.6	-930.5	314.9	1,862,991.53	1,296,726.06	36.114466	-107.413639
Lybrook P24A-2206 02H - plan hits target center - Point	0.00	0.00	5,291.5	-5,616.0	237.0	1,858,307.37	1,296,591.99	36.101596	-107.413903

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
500.0	500.0	9 5/8"	0.000	0.000
5,389.3	5,274.6	ICP @ 55°	0.000	0.000

Planning Report

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Project: Sandoval County, NM
Site: S24-T22N-R6W
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Wellbore: HZ
Design: Plan #1

Local Co-ordinate Reference: Well Lybrook P24A-2206 02H
TVD Reference: 16' KB @ 7223.0ft
MD Reference: 16' KB @ 7223.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,320.7	1,318.0	Ojo Alamo Ss.		-1.20	180.95
1,527.8	1,524.0	Kirtland Shale		-1.20	180.95
1,660.6	1,656.0	Fruitland Coal		-1.20	180.95
1,879.8	1,874.0	Pictured Cliffs Ss.		-1.20	180.95
2,017.6	2,011.0	Lewis Shale		-1.20	180.95
2,679.3	2,669.0	Cliffhouse Ss.		-1.20	180.95
3,392.3	3,378.0	Menefee Fn.		-1.20	180.95
4,153.6	4,135.0	Point Lookout Ss.		-1.20	180.95
4,370.3	4,351.0	Mancos Shale		-1.20	180.95
4,927.3	4,907.0	Mancos Silt		-1.20	180.95
5,227.5	5,175.0	Gallup Fn.		-1.20	180.95

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
600.0	600.0	0.0	0.0	KOP @ 600'
944.8	943.9	-13.5	15.7	EOB; INC=6.9°
4,180.3	4,156.1	-267.1	310.0	Start Drop -2.00
4,525.1	4,500.0	-280.6	325.7	EOD; INC=0°
4,778.2	4,753.1	-280.6	325.7	Start Build 9.00
5,791.5	5,389.6	-930.5	314.9	LP @ 5389' TVD; 91.2°
10,478.7	5,291.5	-5,616.0	237.0	TD at 10478.7

Lybrook P24A-2206 02H

SHL: SESE Section 24, T22N, R6W
596' FSL and 730' FEL

BHL: SESE Section 25, T22N, R6W
330' FSL and 400' FEL

Sandoval County, New Mexico

Lease Number: NMNM 117563

inch outside diameter, buried steel well connect pipeline that was submitted to the BLM concurrently with this Application for Permit to Drill.

7. METHODS FOR HANDLING WASTE

A. Cuttings

1. A closed-loop system will be used. Cuttings will be moved through a shaker system on the drill rig that separates drilling fluids from the cuttings. Cuttings will be stored onsite in above-ground storage tanks. Cuttings will be pulled from the storage tanks, mixed with saw dust or similar absorbent material, and disposed of at the Envirotech, Inc. and/or Industrial Ecosystem, Inc. waste disposal facilities.
2. The closed-loop system storage tanks will be adequately sized to ensure confinement of all fluids and will provide sufficient freeboard to prevent uncontrolled releases.
3. A 20-mil liner will be installed under tanks, pumps, ancillary facilities, and truck loading/unloading areas associated with the closed-loop system.

B. Drilling Fluids

1. A closed-loop system will be used. Drilling fluids will be stored onsite in above-ground storage tanks. Upon termination of drilling operations, the drilling fluids will be recycled and transferred to other permitted closed-loop systems or returned to the vendor for reuse, as practical. Residual fluids will be vacuumed from the storage tanks and disposed of at Basin Disposal, Inc. and/or Industrial Ecosystem, Inc. waste disposal facilities.
2. The closed-loop system storage tanks will be adequately sized to ensure confinement of all fluids and will provide sufficient freeboard to prevent uncontrolled releases.
3. The closed-loop system storage tanks will be placed in bermed secondary containment sized to accommodate a minimum of 110 percent of the volume of the largest storage tank.
4. A 20-mil liner will be installed under tanks, pumps, ancillary facilities, and truck loading/unloading areas associated with the closed-loop system.

C. Flowback Water

1. The water-based solution that flows back to the surface during and after completion operations will be placed in storage tanks on the location.
2. Flowback water will be confined to a storage tank for a period not to exceed 90 days after initial production and will be disposed of at Basin Disposal, Inc. and/or Industrial Ecosystem, Inc. waste disposal facilities.

D. Spills – any spills of non-freshwater fluids will be immediately cleaned up and removed to an approved disposal site. Encana will also notify the BLM within 24 hours of any spill.

E. Sewage – self-contained, chemical toilets will be provided for human waste disposal. The toilet holding tanks will be pumped, as needed, and the contents thereof disposed of in an approved sewage disposal facility. The toilets will be onsite during all operations.

F. Garbage and other waste material – garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash container during drilling and completion operations. The accumulated trash will be removed, as needed, and will be disposed of at an authorized sanitary landfill. No trash will be buried or burned on location.

ENCANA OIL & GAS (USA) INC.
LYBROOK P24A-2206 #02H
596' FSL & 730' FEL
LOCATED IN THE SE/4 SE/4 OF SECTION 24
T22N, R06W, N.M.P.M.
SANDOVAL COUNTY, NEW MEXICO
1,100' +/- OF NEW ACCESS ACROSS BLM LANDS

DIRECTIONS

- 1) FROM THE INTERSECTION OF HWY 64 & HWY 550 IN BLOOMFIELD, NEW MEXICO, TRAVEL SOUTH ON HWY 550 FOR 54.4 MILES TO COUNSELOR, NEW MEXICO, TO INDIAN SERVICE ROUTE 474.
- 2) TURN RIGHT (SOUTH) AND FOLLOW FOR 3.5 MILES TO AN INTERSECTION WITH AN OILFIELD SERVICE ROAD.
- 3) TURN LEFT (SOUTHEAST) AND FOLLOW 2.3 MILES TO A THREE WAY INTERSECTION. IT **MUST BE NOTED THAT AT THIS POINT YOU ARE ENTERING THE JICARILLA APACHE NATION AND PERMIT IS REQUIRED TO ENTER AND USE THIS ACCESS ROAD.**
- 4) TURN RIGHT (SOUTH) AND TRAVEL 2.1 MILES TO THE PROPOSED LYBROOK P24A-2206 ACCESS ROAD.
- 5) TURN RIGHT AND FOLLOW THE PROPOSED ACCESS ROAD SOUTHWEST FOR 0.2 MILES TO THE PROPOSED P24A-2206 LOCATION.
- 6) WELL FLAG LOCATED AT: LATITUDE: 36.117022° N, LONGITUDE: 107.414705° W (NAD 83)

WELLHEAD BLOWOUT CONTROL SYSTEM

encana

Well Name and Number:
Lybrook P24A-2206 02H

