

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Lisbon 10-33MC				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT LISBON				
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME LISBON (MCCRACKEN)				
6. NAME OF OPERATOR PATARA OIL & GAS, LLC						7. OPERATOR PHONE 303 563-5364				
8. ADDRESS OF OPERATOR 600 17th Street Ste 1900S, Denver, CO, 80202						9. OPERATOR E-MAIL eeseeman@pataraog.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU14903			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2328 FSL 2177 FEL		NWSE	10	30.0 S	24.0 E	S		
Top of Uppermost Producing Zone		2328 FSL 2177 FEL		NWSE	10	30.0 S	24.0 E	S		
At Total Depth		2328 FSL 2177 FEL		NWSE	10	30.0 S	24.0 E	S		
21. COUNTY SAN JUAN			22. DISTANCE TO NEAREST LEASE LINE (Feet) 3079			23. NUMBER OF ACRES IN DRILLING UNIT 560				
27. ELEVATION - GROUND LEVEL 6506			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 76			26. PROPOSED DEPTH MD: 9200 TVD: 9200				
28. BOND NUMBER UTB000428			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE COMMERCIAL							
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	16	0 - 60	94.0	H-40 ST&C	8.5	Light (Hibond)	50	2.16	11.6
Surf	12.25	9.625	0 - 1750	36.0	J-55 ST&C	9.8	35/65 Poz	250	2.81	11.6
							Type III	100	1.47	14.2
Prod	8.75	7	0 - 9200	26.0	HCN-80 LT&C	10.5	35/65 Poz	620	2.16	12.5
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input checked="" type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Danielle Gavito				TITLE Regulatory Technician				PHONE 303 563-5378		
SIGNATURE				DATE 12/19/2011				EMAIL dgavito@pataraog.com		
API NUMBER ASSIGNED 43037500190000				APPROVAL  Permit Manager						

Patara Oil & Gas LLC
Lisbon 10-33MC
 SHL: 2,328' FSL 2,177' FEL
 NW/4 SE/4 SEC 10 TWN 30S RNG 24E
 San Juan County, UT
 Federal Lease #: UTU14903

CONFIDENTIAL

Onshore Oil & Gas Order No. 1 & No. 2
Drilling Program

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of the subcontractors. A copy of these conditions will be furnished with the field representative to ensure compliance.

Company Contact: Mr. Ryan Calhoun, Patara Oil & Gas LLC 303 563-5373.

ESTIMATED FORMATION TOPS

Estimated tops of important geologic markers are as follows:

Formation	Depth (TVD)	Depth (MD)	Subsea	Type
Wingate	Surface	Surface	6,506'	
Chinle	492'	492'	6,033'	Sandstone/Shale
Cutler	1,559'	1,559'	4,966'	Sandstone/Shale
Hermosa	2,442'	2,442'	4,083'	Sandstone/Shale
Ismay	4,083'	4,083'	2,442'	Shale/Dol/LS
Paradox Salt	4,411'	4,411'	2,114'	Hal
Pinkerton Trail	7,588'	7,588'	-1,063'	Shale/Dol/LS
Leadville	7,854'	7,854'	-1,329'	LS/Dol
Ouray	8,230'	8,230'	-1,705'	LS
McCracken	8,489'	8,489'	-1,964'	SS/Dol/Shale
Lynch	8,672'	8,672'	-2,147'	Dol
TOTAL DEPTH	9,200' TVD	(9,200' MD)	-2,679	

ANTICIPATED DEPTH OF WATER, OIL, GAS OR MINERAL BEARING FORMATIONS

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations as expected to be encountered are as follows:

Formation	Depth (TVD)	Depth (MD)	Oil, Gas, Water
Wingate	Surface	Surface	Possible water bearing
Ismay	4,083'	4,083'	Possible oil bearing
Leadville	7,854'	7,854'	Possible gas bearing
McCracken	8,489'	8,489'	Possible oil bearing
Lynch	8,672'	8,672'	Possible oil bearing

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All indications of usable water (10,000 ppm or less TDS) shall be reported to the Moab Field Office prior to running the next string of casing or before plugging orders are requested, whichever occurs first. If noticeable water flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

Note: The operator proposes to protect potable groundwater/aquifers as follows: The Wingate formation will be behind 9-5/8" 36#, J-55, ST&C surface casing set at 1,750' and cemented to surface.

CASING PROGRAM

The proposed casing program is as follows:

Zone Area	Depth (MD)	Hole Size	Outer Diameter	Weight	Grade	Type
Conductor	0' – 60'	20"	16"	94#	H-40	ST&C
Surface	0' – 1,750'	12-1/4"	9-5/8"	36#	J-55	ST&C New
Production	0' – 9,200'	8-3/4"	7"	26#	HCL-80	LTC NEW

- a. The BLM in Moab, Utah shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.
- b. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all unusable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. 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. Determination of casing setting depth shall be based on all relevant factors, including presence/absence of hydrocarbons, fracture

- gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics. All indications of usable water shall be reported.
- c. Casing design shall assume a formation pressure gradient of 0.44 psi per foot.
 - d. Casing design shall assume fracture gradients from 0.85 to 0.90 psi per foot.
 - e. All waiting on cement times shall be adequate to achieve a minimum of 500-psi compressive strength at the casing shoe prior to drilling out.
 - f. All casing except the conductor casing shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
 - g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
 - h. All indication of usable water shall be reported to the authorized office prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
 - i. Surface casing shall have centralizers on the bottom 3 joints of casing (a minimum of one centralizer per joint starting with the shoe joint).
 - j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
 - k. 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% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective actions shall be taken.
 - l. On exploratory wells such as this, and on well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth of at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
 - m. The proposed casing integrity design parameters are as follows:

Grade	Weight	Burst (psi)	Burst Safety Factor	Collapse (psi)	Collapse Safety Factor	Body Yield	Joint Strength	Tension Safety Factor
J-55	36#	3,520	1.1	2,020	1.1	564,000	394,000	1.8
HCL-80	26#	7,740	1.1	7,800	1.1	604,000	541,000	1.8

- n. Casing design subject to revision based on geologic conditions encountered.

CEMENTING PROGRAM

The cement program will be as follows:

Conductor	Type and Amount
0' – 60' TVD	Redimix to surface, 50 sxs
Surface	Type and Amount*
0' – 1,750' TVD	To surface: Lead ±250 sxs Type III, 35:65 Poz; Tail ±100 sxs Type III 1% CaCl
Production	Type and Amount***
1,450' - TD	±620 sxs Type III 35:65 Poz

* Cement volume calculated with 50% excess.

*** Cement volume calculated with 15% excess.

Yields	Surface:	Lead:	Type III 35:65 Poz	2.81 ft ³ /sx (11.6 ppg)
		Tail:	Type III, 1% CaCl	1.47 ft ³ /sx (14.2 ppg)
	Production:		Type III 35:65 Poz	2.16 ft ³ /sx (12.5 ppg)

Cement Additives

	Surface:	Lead:	35:65 Poz Type III	94 lb/sx Cement 0.04 lbs/sx Static Free 0.25 lbs/sx Cello Flake 2.0 lbs/sx Kol Seal 5% bwoc A-10 5% bwoc Sodium Metasilicate 0.5 gal/100 sxs FP-13L 1.0 lb/sx Pheno Seal 10 lbs/sx CSE-2 154.9% Fresh Water
		Tail:	Type III	94 lb/sx Cement 0.04 lbs/sx Static Free 1% bwoc Calcium Chloride 0.5 gal/100 sxs FP-13L 85.2% Fresh Water
	Production:		35:65 Poz Type III	94 lb/sx Cement 0.04 lbs/sx Static Free 0.25 lbs/sx Cello Flake 0.3% bwoc R-3 3.0 lbs/sx Kol Seal 0.3% bwoc BA-59 0.5 gal/100 sxs FP-13L 10 lb/sx CSE-2

				6.0% bwoc Bentonite II 0.5% bwoc Sodium Metasilicate 0.3% bwoc FL-63 109.24% Fresh Water
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- a. The BLM in Moab, Utah will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- b. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC times shall be recorded in the driller's log.

BOP REQUIREMENTS

Bureau of Land Management's minimum specification for pressure control equipment are as follows:

- a. Ram Type 11" Hydraulic double ram with 5,000 psi annular, 5,000 psi wp.
- b. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes of until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.
- c. Annular type preventers (if used) shall be tested to 70% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.
- d. As a minimum, the above test shall be performed:
 - i. when initially installed
 - ii. whenever any seal subject to test pressure is broken
 - iii. following related repairs and
 - iv. at 30 day intervals
- e. Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.
- f. When testing the kill line valve(s) shall be held open or the ball removed.
- g. Annular preventers (if used) shall be functionally operated at least weekly.
- h. Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.
- i. A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Moab, Utah shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s) to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

MUD PROGRAM

The proposed circulating mediums to be employed in drilling are as follows:

Interval (MD)	Mud Type	Mud Weight	Viscosity	Fluid Loss
0' - 1,750'	Air, Air Mist, Gyp, & Water	<8.5ppg	26 - 40	No Control
1,750' - 4,000'	Gyp	8.7 - 9.2 ppg	26 - 40	No Control
4,000' - TD	Saturated Salt Mud	10.1 - 10.5 ppg	35 - 45	<10cc/30 min

- a. Mud monitoring equipment to be used is as follows:
Periodic checks of the mud systems will be made each tour. The mud level will be checked visually.
 - i. There will be sufficient mud on location to ensure well control. There will be approximately 450 bbls of mud in reserve. The mud system will be run utilizing a closed loop system.
 - ii. A mud test shall be performed every 24 hours after mudding to determine, as applicable, density, viscosity, gel strength, static filtration loss and Ph.
 - iii. Hazardous substances specifically listed by the EPA as hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing or completion operations.

AUXILLARY EQUIPMENT

Auxiliary equipment to be used is as follows:

PVT equipment measuring mud volume, pump strokes and percent return flow to be installed after setting surface casing and installing BOPE. This system includes alarms and remote terminals located on the rig floor.

- i. Mud logger with gas monitor – BSC to TD.
- ii. Choke manifold with remote control choke.
- iii. Full opening floor valve with drill pipe thread.
- iv. Upper and lower kelly cock
- v. PVT monitor on pit level, audio and visual below surface casing.
Gas Buster, centrifuge and closed loop mud system

LOGGING, CORING TESTING PROGRAM

The anticipated type and amount of testing, logging and coring are as follows:

TD to Surface Casing	Quad Combo (GR/AIT/NEUT-DEN w/PE)
Coring:	No coring planned
Testing:	None planned

DOWNHOLE CONDITIONS

Pressures:	No abnormal conditions are anticipated Anticipated BHP gradient: 0.44 psi/ft
Temperatures:	No abnormal conditions are anticipated
H ₂ S:	Anticipated. Please see H2S Contingency Plan
Fracture Gradient:	0.85 – 0.90 psi/ft.
Estimated BHP:	±4,048

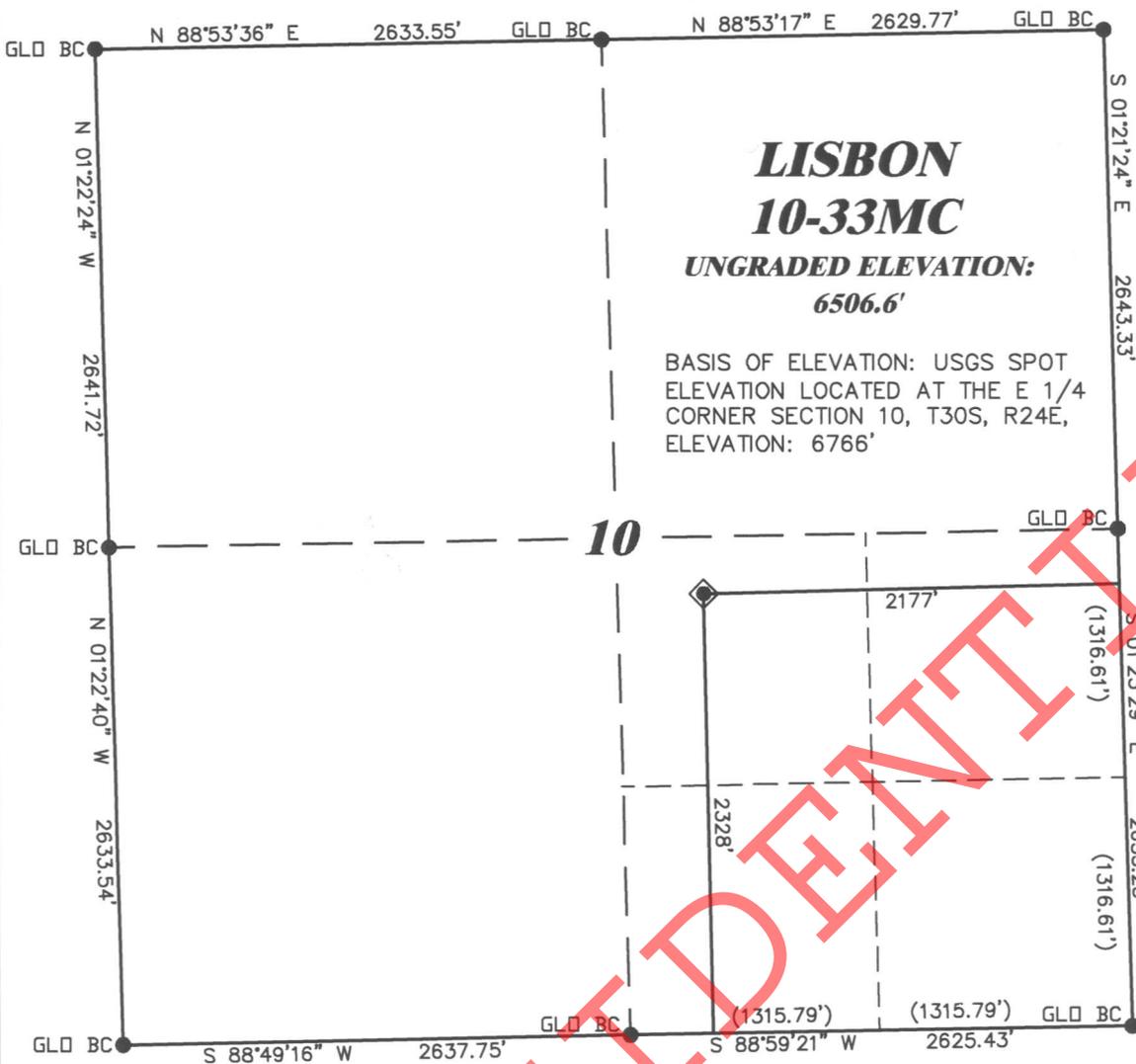
COMPLETION

The location pad will be sufficient size to accommodate all completion activities and equipment. A string of 2-3/8", 4.7", N-80, EUE 8rnd will be run as production tubing. A Sundry Notice (SN) will be submitted with a revised completion program if warranted.

Completion plans are to drill, log, case, and perforate the McCracken formation prior to fracture stimulation. The zone normally requires stimulation upon completion. Stimulation design is pending the results of formation height, permeability and porosity.

Plan to perforate the McCracken and Lynch formations with casing guns and stimulate down the 7" casing with gelled water and proppant.

R. 24 E.



SCALE' 1" = 1000'
500' 0 1000'

**LISBON
10-33MC**

**UNGRADED ELEVATION:
6506.6'**

BASIS OF ELEVATION: USGS SPOT
ELEVATION LOCATED AT THE E 1/4
CORNER SECTION 10, T30S, R24E,
ELEVATION: 6766'

T. 30 S.

LATITUDE (NAD 83)
NORTH 38.191462 DEG.
LONGITUDE (NAD 83)
WEST 109.273644 DEG.

LATITUDE (NAD 27)
NORTH 38.191473 DEG.
LONGITUDE (NAD 27)
WEST 109.272977 DEG.

NORTHING
562829.32
EASTING
2640015.40

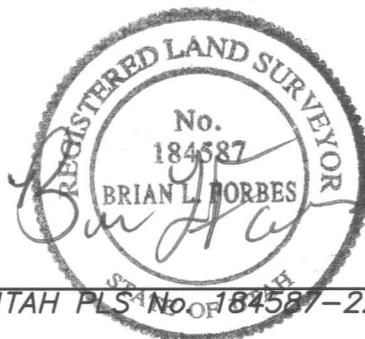
DATUM
SPCS UTS (NAD 27)

SURVEYOR'S STATEMENT

I, BRIAN L. FORBES, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON MARCH 9, 2011 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF LISBON 10-33MC AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT



UTAH PLS No. 184587-2201



DRG RIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901

**PLAT OF DRILLING LOCATION
FOR
PATARA OIL & GAS, LLC.**

**2328' F/SL & 2177' F/EL, NWSE, SECTION 10,
T. 30 S., R. 24 E., SLBM
SAN JUAN COUNTY, UTAH**

DRAWN: 3/22/11 - DEH

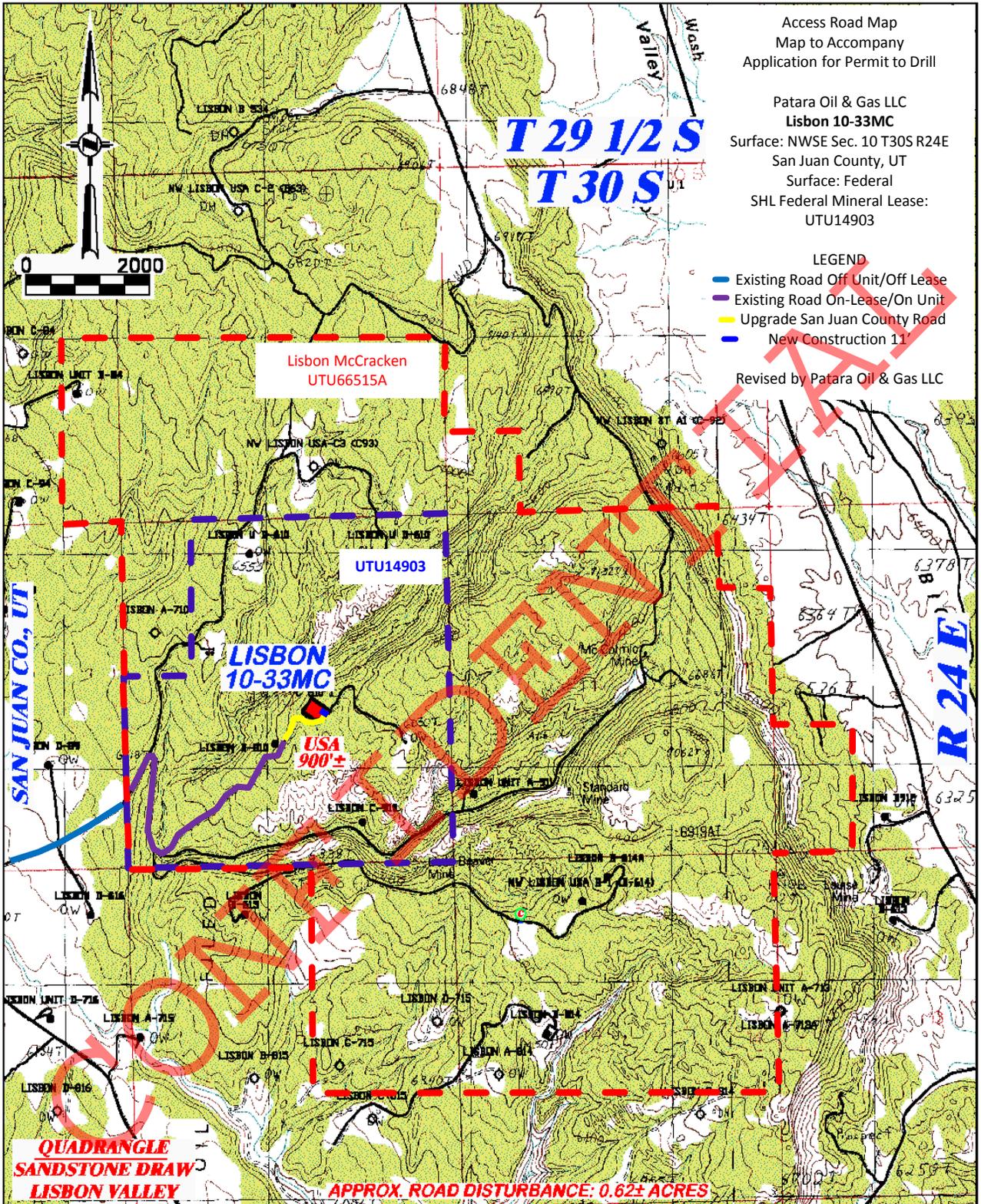
SCALE: 1" = 1000'

REVISED: 8/24/11 - TCM

DRG JOB No. 18402

REVISED SHL

EXHIBIT 1



Access Road Map
Map to Accompany
Application for Permit to Drill

Patara Oil & Gas LLC
Lisbon 10-33MC
Surface: NWSE Sec. 10 T30S R24E
San Juan County, UT
Surface: Federal
SHL Federal Mineral Lease:
UTU14903

LEGEND

- Existing Road Off Unit/Off Lease
- Existing Road On-Lease/On Unit
- Upgrade San Juan County Road
- New Construction 11'

Revised by Patara Oil & Gas LLC

QUADRANGLE
SANDSTONE DRAW
LISBON VALLEY

APPROX. ROAD DISTURBANCE: 0.62± ACRES

DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/22/11 - DEH	SCALE: 1" = 2000'
REVISED: N/A	DRG JOB No. 18402
EXHIBIT 4	

PROPOSED ROAD FOR
PATARA OIL & GAS, LLC
LISBON 10-33MC
SECTION 10, T30S, R24E

TOTAL PROPOSED LENGTH: 900±

--- PROPOSED ACCESS	--- EXISTING ROAD
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Patara Oil & Gas LLC
Lisbon 10-33MC
SHL: 2,328' FSL 2,177' FEL
NW/4 SE/4 SEC 10 TWN 30S RNG 24E
San Juan County, UT
Federal Lease #: UTU14903

CONFIDENTIAL

Operator Certification

I hereby certify that Patara Oil & Gas LLC and its contractors and sub-contractors are responsible for the operations conducted under this application subject to the terms and conditions of the mineral lease. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Patara Oil & Gas LLC under their statewide bond, BLM Bond No. UTB000428.

I hereby certify that I or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved, I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

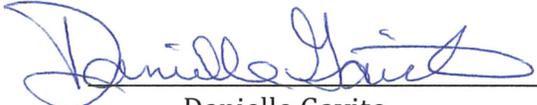
OPERATORS REPRESENTATIVES

Patara Oil & Gas LLC
600 17th Street, Suite 1900S
Denver, CO 80202
Phone: 713-579-6000
Fax: 713-579-6611

Danielle Gavito - 303-563-5378
Ryan Calhoun - 303-563-5373

EMPLOYEE AGENT

Danielle Gavito - 303-563-5378


Danielle Gavito

December 19, 2011

Patara Oil & Gas LLC
Lisbon 10-33MC
SHL: 2,328' FSL 2,177' FEL
NW/4 SE/4 Sec. 10 T30S R24E
San Juan County, Utah
Mineral Lease #UTU14903

SURFACE USE PLAN OF OPERATIONS

CONFIDENTIAL

This Application for Permit to Drill (APD) is filed under the Notice of Staking (NOS) process as stated per Onshore Order No. 1 (OSO #1) and supporting Bureau of Land Management (BLM) documents. This NOS process included an onsite meeting held on location on May 24, 2011, for the Lisbon 10-33MC location prior to the submittal of this application at which time the specific concerns of Patara Oil & Gas LLC (Patara) and the BLM were discussed. This proposed well would share a pad with the previously submitted Lisbon 11-21MC. An NOS was filed for the Lisbon 10-33MC on April 21, 2011. All specific concerns of the BLM representatives are addressed herein, as are specific stipulations from the BLM.

All measures included in the Surface Use Plan of Operations (SUPO) should be incorporated into the Environmental Assessment. Conditions of Approval developed from the Environmental Assessment will be complied with as contained in the approved APD.

WELL LOCATION AND INTRODUCTION:

The wellsite was staked at 2,328' FSL 2,177' FEL (NW/4 SE/4) of Sec. 10 T30S R24E on March 9, 2011, by D. R. Griffin & Associates, Inc. (DRG), surveyor, on a site that is geologically and topographically acceptable. It will be part of the Lisbon McCracken Unit identified by Serial Register No. UTU66515A.

A Notice of Staking (NOS) was submitted to BLM in Moab on April 21, 2011, for the Lisbon 10-33MC location. An onsite meeting was held on May 24, 2011. Present were: Cliff Giffen – BLM; Bonnie Carson – Smiling Lake; Ron Rennke – DRG; Theresa Garcia, Danny White, Dee Foote, and Kevin Stephens – Patara; and Keith Dana - Permit Agent

DIRECTIONS TO LOCATION (from La Sal, Utah):

Travel westerly on Highway 46 for ± 7.6 miles to the intersection with US Highway 191. Turn left onto Highway 191 and travel southerly for ± 8.2 miles to the intersection with County Road 114 (CR 114) (also known as Steen Road). Turn left onto CR 114 and travel southeasterly for ± 5.9 to the intersection with a gravel well service road. Turn right onto the gravel well service road and travel southerly ± 0.3 miles to the "Y" intersection. Bear left and travel northeasterly ± 0.7 miles to the intersection with the staked access road. Turn left onto the proposed access road and travel 11 feet to reach the proposed location.

1) EXISTING ROADS

- A) The well is an exploratory well.
- B) Existing roads within 1.0 mile consists of a gravel well service road, to within ± 0.7 miles, which will provide access to the proposed location.
- C) Per the onsite on May 24, 2011, Patara will install a Class III road with all- weather surface. San Juan County Road D0929 is an all-weather Class III road to the Lisbon B-810 producing location and provides adequate access as far as the B-810 location. San Juan County Road D0929 continues on to and beyond the Lisbon 10-33MC location. Approximately nine hundred feet (900') of San Juan County Road D0929 will require upgrade to Class III all-weather standards to provide adequate access for drilling equipment to the location. No cut, fill, or culverts will be required for road up-grade or new construction.

Patara Oil & Gas LLC
Lisbon 10-33MC
 SHL: 2,328' FSL 2,177' FEL
 NW/4 SE/4 Sec. 10 T30S R24E
 San Juan County, Utah
 Mineral Lease #UTU14903

2) PLANNED ACCESS ROADS

Please see Exhibit 4 Proposed Access Road.
 11' (±0.01 miles) - Section 10 T30S R24E, BLM, on lease

- * A) Running surface width to be approximately 14', total disturbed width to be no more than 35'. Plans for improvement and/or maintenance of existing roads are to maintain in as good or better conditions than at present. A regular maintenance plan will include, but not be limited to blading, ditching, and surfacing.
- B) Borrow ditches are to be backsloped 3:1 or shallower.
- C) Maximum grades will not exceed BLM standards.
- * D) Drainage to consist of wing ditches between the existing road and the well site and will be installed prior to commencing drilling operations. The borrow ditches along the proposed access road will be re-seeded if the well is completed as a producer. The reseeded of the borrow ditches will reduce the area utilized by this location (see the Engineered Road Plan & Profile).
- E) Surfacing material to consist of native material from the road crown. Topsoil is to be segregated, protected, and stabilized until needed for reclamation purposes. During reclamation, backslope of borrow ditch will be re-seeded per Section 11 of this Surface Use Plan of Operations (SUPO).
- F) No major road cuts are necessary.
- * G) The solids/blooiie pit will not be fenced during drilling operations. Upon rig release, the pit will be fenced and netted until backfilled and closed.
- H) Road construction on public lands shall meet the minimum standards listed in BLM Manual Section 9113 and shall be constructed under the direction a qualified construction supervisor(s).

3) LOCATION OF EXISTING WELLS WITHIN A TWO-MILE RADIUS

Proposed	SEE TABLE 1
Drilling	NONE
Abandoned	SEE TABLE 1
Disposal injection	NONE
Shut-In	SEE TABLE 1
Producing	SEE TABLE 1

LOCATION OF EXISTING PRODUCING FACILITIES OPERATED BY PATARA OIL & GAS LLC

Within two mile: SEE TABLE 1

The nearby well data has been taken from the Utah Division of Oil, Gas, and Mining website on September 6, 2011.

Patara Oil & Gas LLC
Lisbon 10-33MC
SHL: 2,328' FSL 2,177' FEL
NW/4 SE/4 Sec. 10 T30S R24E
San Juan County, Utah
Mineral Lease #UTU14903

4) NEW PRODUCTION FACILITIES PROPOSED

- A) BLM will be contacted after the completion of the well and construction of production facilities. Please see Exhibit 2 for anticipated production facilities layout. A Sundry Notice (SN) will be filed if any changes are made to the proposed Production Facilities.
- B) Dimension of Proposed Facility of the pad is 240' x 340' = 117,612 ft² for drilling operations. Total disturbance will be approximately 2.7 acres.
- C) Traveled portion of production site will be gravel surfaced upon completion of production facility installation and prior to production. Site preparation for production will be done with standard excavation equipment using native materials. Additional surface material will be obtained from commercial sources or an approved borrow area. Salvaging and spreading topsoil will not be performed when the ground or topsoil is frozen or too wet to adequately support construction equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet.
- * D) Production equipment will be painted light reflective colors to limit evaporation and waste of liquid hydrocarbons. All above ground permanent structures will be painted to blend with the surrounding landscape. The color specified is Beetle Green. To reduce the view of production facilities from visibility corridors and private residences, facilities will not be placed in visually exposed locations (such as ridgelines and hilltops). The tallest structure will be no greater than 20' in height.
- E) Production facilities may vary according to actual reservoir discovered and will be engineered upon completion of well tests. Production facilities will be clustered and placed away from cut/fill slopes to allow the maximum recontouring of cut/fill slopes.
- F) If well is a producer, all production facilities will be authorized by SN. Please see Exhibit 2, 2A, and 2B for proposed anticipated production facilities.
- G) No facilities will be constructed off location.

5) LOCATION OF WATER SUPPLY

- A) Water that will be used for drilling will be transported by truck from either Redd-Agra or the Lisbon Gas Plant under existing permits. Water that will be used for completions will be supplied by Reams Construction from Naturita, Colorado under existing permits. If a closer water source is identified and deemed usable, Patara will notify the Authorized Officer (AO) with the necessary information.
- B) Anticipated water use is as follows:
 - Drilling water requirements are anticipated to be approximately 2,000bbls. Completion water requirements are anticipated to be approximately 1,500 to 3,000bbls.
 - Road watering will be done only if conditions dictate to control fugitive dust emissions.

6) SOURCE OF CONSTRUCTION MATERIALS

- A) Construction materials will consist of native materials from borrow ditches and location areas.
- B) Surfacing materials will be obtained from available permitted sources, if needed, and consist of pit gravel. No construction materials will be removed from Federal land without prior approval.

7) WASTE DISPOSAL

- A) Drill cuttings will be transported offsite to an approved disposal site when dry.
- B) A closed loop system will be used, no reserve pit required.

Patara Oil & Gas LLC

Lisbon 10-33MC

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San Juan County, Utah

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- C) Solids/blooiie pit layout is illustrated on Exhibits 2, 2A and 2B.
- * D) The solids/blooiie pit will be lined. It will be lined with a synthetic liner 12 mil or thicker. The solids/blooiie pit liner shall be made of any manmade synthetic material of sufficient size and qualities to sustain a hydraulic conductivity no greater than 1×10^{-7} cm/sec after installation and which is sufficiently reinforced to withstand normal wear and tear associated with the installation and pit use thereof. The liner shall be chemically compatible with all substances that may be put into the pit.
- * E) The solids/blooiie pit will not be fenced during drilling operations. Upon rig release, the pit will be fenced and netted until backfilled and closed.
- F) Flare pit for air drilling will be located minimum 100' from wellbore.
- G) Produced fluid will be contained in test tanks during completion and testing.
- H) Sewage disposal facilities will be in accordance with State and Local Regulations. Sewage may not be buried on location or put in a borehole. Utah Department of Health (UDH) Regulations prevent this unless a UDH Permit is obtained.
- I) Garbage and other waste - burnable waste will be contained in a portable trash cage which will be totally enclosed with small mesh wire. Cage and contents will be transported to and trash dumped at a UDH approved Sanitary Landfill upon completion of operations.
- J) Trash will be picked up if scattered and contained in trash cage as soon as practical after rig is moved off.
- K) Upon release of the drilling rig, rathole and mousehole will be filled. Debris and equipment not required for production will be removed.
- * L) The solids pit will be used for air drilling and blooiie line.
- * M) Waste from the solids pit will be transported to an approved disposal facility. If Patara decides to solidify the pit at a later date, a SN will be submitted to the BLM notifying them of the planned procedures.

8) ANCILLARY FACILITIES
No ancillary facilities will be necessary.

- 9) WELLSITE LAYOUT
- A) See attached drillsite plat and cut/fill diagram; Exhibits 2, 2A and Exhibit 3.
 - B) Roads and well production equipment, such as tanks, treaters, separators, vents, electrical boxes, and equipment associated with pipeline operation, will be placed on location so as to permit maximum interim reclamation of disturbed areas. If equipment is found to interfere with the proper interim reclamation of disturbed areas, the equipment may be moved so proper recontouring and revegetation can occur.
 - C) Topsoil will be removed prior to location construction from the reserve pit area and/or any other disturbed areas. Topsoil will be stockpiled adjacent to the wellsite within the maximum disturbed area shown on the wellsite plat.
 - D) Topsoil and spoils pile will be clearly separated as shown on Exhibits 2, 2A, and 2B.

10) PIPELINES AND FLOWLINES
Please see Exhibit A & Exhibit A1, Pipeline Layout & Pipeline Exhibit.
A separate Right-of-Way (ROW) application for the pipeline route will not be necessary as the entire pipeline route falls within the mineral lease.

- * A) No blading of the pipeline routes will be necessary.

Patara Oil & Gas LLC

Lisbon 10-33MC

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San Juan County, Utah

Mineral Lease #UTU14903

- * B) Pipelines will be constructed of steel and include a 2" fuel gas line for heaters, a 4" gas lift source line, and a 6" product line. A 2" fuel gas line will run from the wellhead to the battery.
- * C) There is an existing surface pipeline route containing one (1) 4" gas lift source line and one (1) 6" gas product line located 125 feet southeast of the location. If the well is productive, 125 feet of 4" gas lift source line and 6" gas product line will be laid on the surface (buried where it crosses San Juan County Road D0929) from the location to tie in with existing lines. In addition, a 2" fuel gas pipeline will be laid on the surface from the location to the existing pipeline route, then along the existing route to the Lisbon B-810 location (approximately 1235 feet) where it will tie into an existing fuel gas line. Pipe laying equipment will be operated along the pipeline route during construction operations.

11) SURFACE RESTORATION (General)

- A) Salvaging and spreading topsoil will not be performed when the ground or topsoil is frozen or too wet to adequately support construction equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet.
- B) Earthwork for interim and final reclamation must be completed within six (6) months of well completion or plugging (weather permitting).
- C) In areas that will not be drill-seeded, the seed mix will be broadcast-seeded at twice the application rate shown and covered 0.25 to 0.50 inches deep with a harrow or drag bar or will be broadcast-seeded into imprints, such as fresh dozer cleat marks.
- D) No seeding will occur from May 15 to September 15. Fall seeding is preferred and will be conducted after September 15 and prior to ground freezing. Spring seeding will be conducted after the frost leaves the ground and no later than May 15.
- E) Annual or noxious weeds shall be controlled on all disturbed areas as directed by the Field Office Manager. An intensive weed monitoring and control program will be implemented beginning the first growing season after interim and final reclamation. Noxious weeds that have been identified during monitoring will be promptly treated and controlled. A Pesticide Use Proposal (PUP) will be submitted to the BLM for approval prior to the use of herbicides. All reclamation equipment will be cleaned prior to use to reduce the potential for introduction of noxious weeds or other undesirable non-native species. The operator will coordinate all weed and insect control measures with state and/or local management agencies.
- F) Reclaimed areas will be monitored annually. Actions will be taken to ensure that reclamation standards are met as quickly as reasonably practical.
- G) Reclamation monitoring will be documented in a reclamation report and submitted to the AO. The report will document compliance with all aspects of the reclamation objectives and standards, identify whether the reclamation objectives and standards are likely to be achieved in the near future without additional actions, and identify actions that have been or will be taken to meet the objectives and standards. The report will also include acreage figures for: Initial Disturbed Acres; Successful Interim Reclaimed Acres; Successful Final Reclaimed Acres. Reports will not be submitted for sites approved by the AO in writing as having met interim or final reclamation standards. Any time 30% or more of a reclaimed area is redisturbed, monitoring will be reinitiated.
- H) The AO will be informed when reclamation has been completed, is successful, and the site is ready for final inspection.

Patara Oil & Gas LLC

Lisbon 10-33MC

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INTERIM RESTORATION (Production)

- A) Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the solids/bloolie pit area, back sloping and contouring all cut/fill slopes. These areas will be re-seeded.
- B) Wellpad size will be reduced to minimum size necessary to conduct safe operations. Cuts and fills will be reduced to 3:1 or shallower.
- C) Solids/bloolie pit will be closed and backfilled as soon as the pit contents are dry enough to do so, or no later than 6 month after completion, per Onshore Oil and Gas Order #1. A sundry notice will be filed with the BLM prior to commencement of activity. Solids/bloolie pit remaining open after this period will require written authorization of the AO. Immediately upon well completion, any hydrocarbons or trash in the reserve and flare pits will be removed. Pits will be allowed to dry, be pumped dry or solidified in-situ prior to backfilling. The solids/bloolie pit will be closed in accordance with Onshore Oil and Gas Order No. 7
- D) Following completion activities, pit liners will be removed or removed to the solids level and disposed of at an approved landfill, or treated to prevent their reemergence to the surface and interference with long-term successful re-vegetation. When dry, the pit will be backfilled with a minimum of five (5) feet of soil material. In relatively flat areas, the pit area will be slightly mounded to allow for settling and to promote surface drainage away from the backfilled pit.
- E) The portions of the cleared well site not needed for operational and safety purposes will be recontoured to the original contour if feasible, or if not feasible, to an interim contour that blends with the surrounding topography as much as possible. Sufficient level area will remain for setup of a workover rig and to park equipment. In some cases, rig anchors may need to be pulled and reset after recontouring to allow for maximum interim reclamation.
- * F) Topsoil will be evenly re-spread and aggressively re-vegetated over the entire disturbed area not needed for all-weather operations including road cuts/fills and to within a few feet of the production facilities, unless an all-weather, surfaced, access route or small "teardrop" turnaround is needed on the well pad.
- G) Initial seedbed preparation will consist of backfilling, leveling, and ripping all compacted areas. Final seedbed preparation will consist of contour cultivating to a depth of 4 to 6 inches within 24 hours prior to seeding. Seeding will be conducted no more than 24 hours following completion of final seedbed preparation. A certified weed-free seed mix designed by BLM (shown below) to meet reclamation standards will be used. The seed mix will be used on all disturbed surfaces including pipelines and road cut/fill slopes.
- H) To help mitigate the contrast of recontoured slopes, reclamation will include measures to feather cleared lines of vegetation and to save and redistribute cleared trees, debris, and rock over recontoured cut/fill slopes.

Patara Oil & Gas LLC
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- * I) A proposed seed mixture for this location:
- 3#/acre PLS – Indian ricegrass
 - 3#/acre PLS – Intermediate wheatgrass
 - 2#/acre PLS – Galleta grass
 - 2#/acre PLS – Fourwing saltbrush
 - 2#/acre PLS – Antelope Bitterbrush
 - 1#/acre PLS – Scarlet globemallow
 - 13#/acre PLS – TOTAL

The seeds shall be certified weed free. Seeding shall be done between October 1 and February 28 with the following mixture of pure live seed if applied with a drill or if the seed is broadcasted the mixture shall be doubled:

- J) Reclamation will be considered successful if the following criteria are met:

- 70% of the cover of a comparable undisturbed adjacent area.
- 90% dominate species*
- Erosion features equal to or less than surrounding area

* The vegetation will consist of species included in the seed mix and/or occurring in the surrounding natural vegetation.

FINAL RESTORATION (P & A – Removal of equipment)

- A) Flowlines on location will be removed before final site reclamation and all surface flowlines between the wellsite and production facilities will be removed. If any buried flowlines remain, they would be filled with water and capped below ground level. Any offsite surface pipelines that are not necessary for other field operations will be removed.
- B) If necessary to ensure timely revegetation, the pad will be fenced to BLM standards to exclude livestock grazing for the first two growing seasons or until seeded species become firmly established, whichever comes later. Fencing will meet standards found on page 18 of the Gold Book, 4th Edition, or will be fenced with operational electric fencing.
- C) Revegetation will be accomplished by planting mixed grasses as specified below. Revegetation is recommended for road area as well as around production site.
- * D) A proposed seed mixture for this location:
- The seeds shall be certified weed free. Seeding shall be done between October 1 and February 28 with the following mixture of pure live seed if applied with a drill or if the seed is broadcasted the mixture shall be doubled:
- 3#/acre PLS – Indian ricegrass
 - 3#/acre PLS – Intermediate wheatgrass
 - 2#/acre PLS – Galleta grass
 - 2#/acre PLS – Fourwing saltbrush
 - 2#/acre PLS – Antelope Bitterbrush
 - 1#/acre PLS – Scarlet globemallow
 - 13#/acre PLS – TOTAL
- E) Initial seedbed preparation will consist of backfilling, leveling, and ripping all compacted areas. Final seedbed preparation will consist of contour cultivating to a depth of 4 to 6 inches within 24 hours prior to seeding. Seeding will be conducted no more than 24 hours following completion of final seedbed preparation. A certified weed-free seed mix designed by BLM (shown above) to meet reclamation standards will be used. The seed mix will be used on all disturbed surfaces including pipelines and road cut/fill slopes.

Patara Oil & Gas LLC

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NW/4 SE/4 Sec. 10 T30S R24E

San Juan County, Utah

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- F) Distribute topsoil, if any remains, evenly over the location, and seed according to the above seed mixture. If needed the access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.
- G) All disturbed areas, including roads, pipelines, pads, production facilities, and interim reclaimed areas will be recontoured to the contour existing prior to initial construction or a contour that blends indistinguishably with the surrounding landscape. Resalvaged topsoil will be spread evenly over the entire disturbed site to ensure successful revegetation. To help mitigate the contrast of recontoured slopes, reclamation will include measures to feather cleared lines of vegetation and to save and redistribute cleared trees, woody debris, and large rocks over recontoured cut/fill slopes.
- (H) Once Federal authorization has been given, access roads and well pad locations will have any all-weather surfacing material removed once the well has been completed and final reclamation is underway.

12) GENERAL INFORMATION

- A) Project area is situated in the Lisbon Sandstone Draw area.
- B) Topographic and geologic features –rock fragments and no cryptogram.
- C) Soil characteristics – sandy loam.
- D) Flora consists of: Rubber Rabbit, wheatgrass, sagebrush, small junipers, pinion pine, prickly pear, 4-wing saltbush, cheatgrass, crested wheatgrass, miner's candle, and needle and thread.
- E) Fauna – observed: none; assume: mule deer, elk, coyotes, rabbits, raptors, and rodents.
- F) Concurrent surface use - grazing and hunting.
- G) Mineral Lessor –
Bureau of Land Management
Moab Field Office
82 East Dogwood
Moab, Utah 84532 435-259-2100
- H) Surface Owner
Drillsite & Access
Bureau of Land Management
Moab Field Office
82 East Dogwood
Moab, Utah 84532 435-259-2100
- I) Proximity of water, occupied dwellings or other features – intermittent drainage ±3,530' northeast of the location, draining into Big Indian Wash
- J) Archaeological, cultural and historical information will be submitted under separate cover.
- K) If any fossils are discovered during construction, the operator shall cease construction immediately and notify the AO so as to determine the significance of the discovery.
- L) The operator is responsible for informing all persons in the area who are associated with this project that they would be subject to prosecution for knowingly disturbing historic or archaeological sites or collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such material, and contact the Monticello Field Office Manager. Within five working days the BLM will inform the operator as to whether the materials appear

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eligible for the National Register of Historic Places, or the mitigation measures the operator would likely have to undertake before the site can be used (assuming in situ preservation is not necessary) and a timeframe for the BLM to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the BLM are correct and that mitigation is appropriate.

If the operator wishes at any time to relocate activities to avoid the expense of mitigation and or delays associated with this process, the BLM would assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The BLM will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the BLM that the required mitigation has been completed, the operator will then be allowed to resume construction.

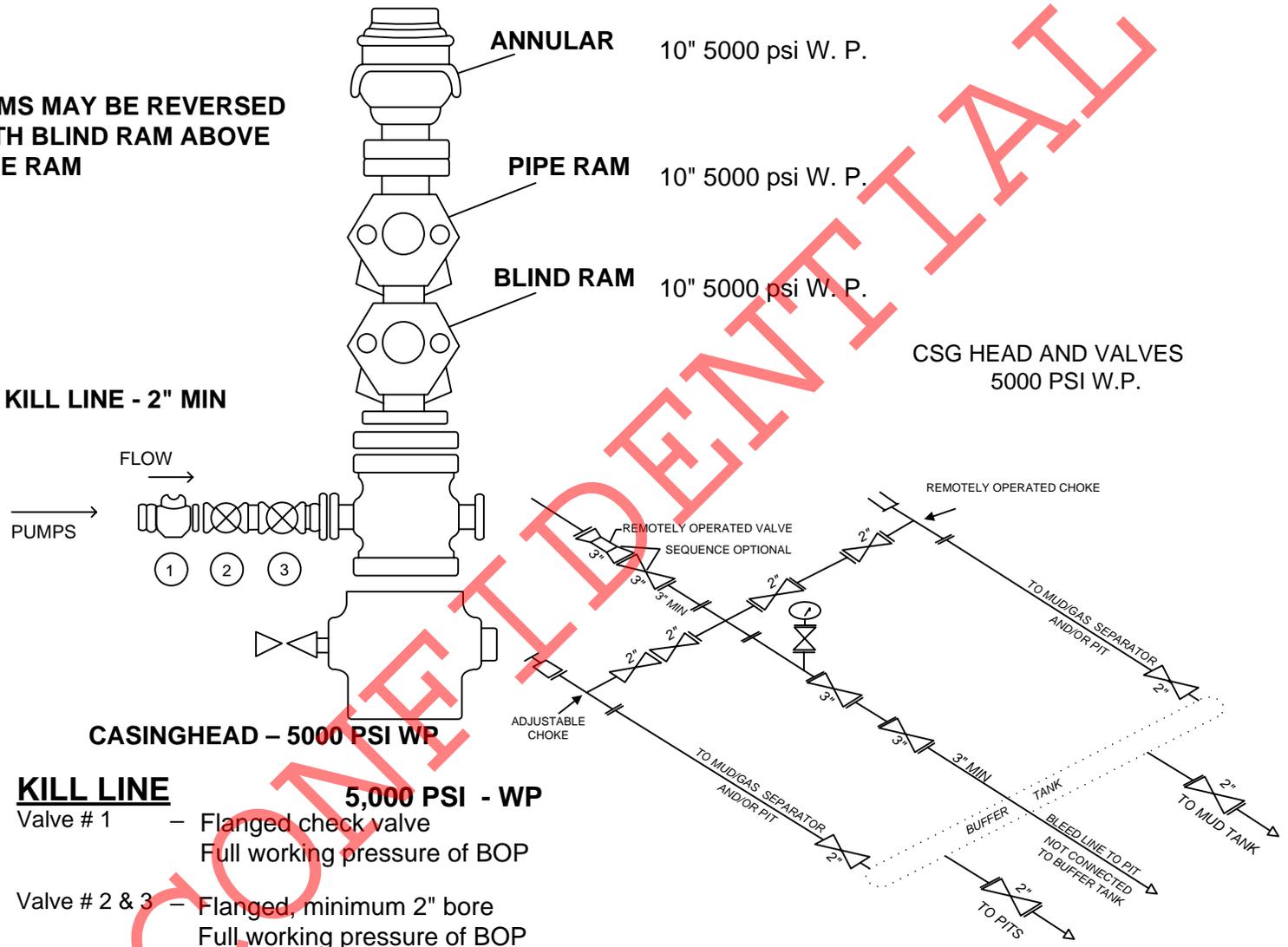
- M) The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the AO. The AO will inform the operator as to the work needed to determine the following:
- Whether the materials appear eligible for the National Register of Historic Places; The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
 - A timeframe for the AO to complete an expedited review to acquire the State Historic Preservation Officer's concurrence that the findings of the AO are correct and that mitigation is appropriate.
- N) As prescribed in the "Best Management Practices for Raptors and Their Associated Habitats (August 2006)", a raptor survey and clearance of the affected area surrounding the proposed drill site would be accomplished prior to work initiation if work is to be done between February 1 and August 31. If the survey locates an active raptor nesting territory which may be affected by the proposal, no work would be allowed until the nestlings have fledged.
- O) Patara Oil & Gas LLC maintains a file, per 29 CFR 1910.1200(g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be transported across these lands may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous substances, EHS, and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

MINIMUM BOP Requirements

5000 PSI

FILL LINE ABOVE THE UPPERMOST PREVENTER

RAMS MAY BE REVERSED
WITH BLIND RAM ABOVE
PIPE RAM



KILL LINE

5,000 PSI - WP

- Valve # 1 - Flanged check valve
Full working pressure of BOP
- Valve # 2 & 3 - Flanged, minimum 2" bore
Full working pressure of BOP

5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION MAY VARY

GENERAL RULES AND RECOMMENDATIONS

All lines to manifold are to be at right angles (90 deg.). No 45 deg. Angles are to be used.
Blind flanges are to be used for blanking.
All studs and nuts are to be installed on all flanges.



Patara Oil & Gas LLC

Dominion Towers • 600 17th Street, Suite 1900S • Denver, CO 80202

Phone (303) 825-0685 • Fax: (720) 235-4560

December 14, 2011

Ms. Diana Mason
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RE: Rule R649-3-2. Location and Siting
Lisbon 10-33MC Well
Lisbon (McCracken) Unit
San Juan County, Utah

Dear Ms. Mason:

Reference is made to that certain application for permit to drill (APD) covering the captioned well, which well is presently located 2328' FSL and 2177' FEL of Section 10, T30S, R24E, S.L.M., San Juan County, Utah (surveyor plat enclosed). The location of this step out well targeting the McCracken formation is located outside the 400 feet square "window" provided for under state rule R649-3-2. In accordance with state rule R649-3-3, Patara hereby respectfully requests an exception to said Location and Siting Wells rule and provides the following information in support thereof:

- 1.) Patara holds 100% of the oil and gas leasehold interest within a 460' radius of the proposed bottomhole location. Said leasehold is covered under Federal Oil and Gas Lease bearing the serial number UTU-0 014903, which covers the E2, E2W2, and W2SW of Section 10, of said township; and
- 2.) Said leasehold is committed to the Lisbon (McCracken) Federal Unit, case number UTU-066515A. The Unit Agreement serves to unitize all substances in the McCracken formation under the separate unit tracts forming one unit area to effectively and efficiently develop the unitized substances.

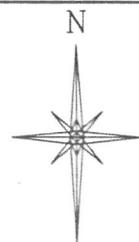
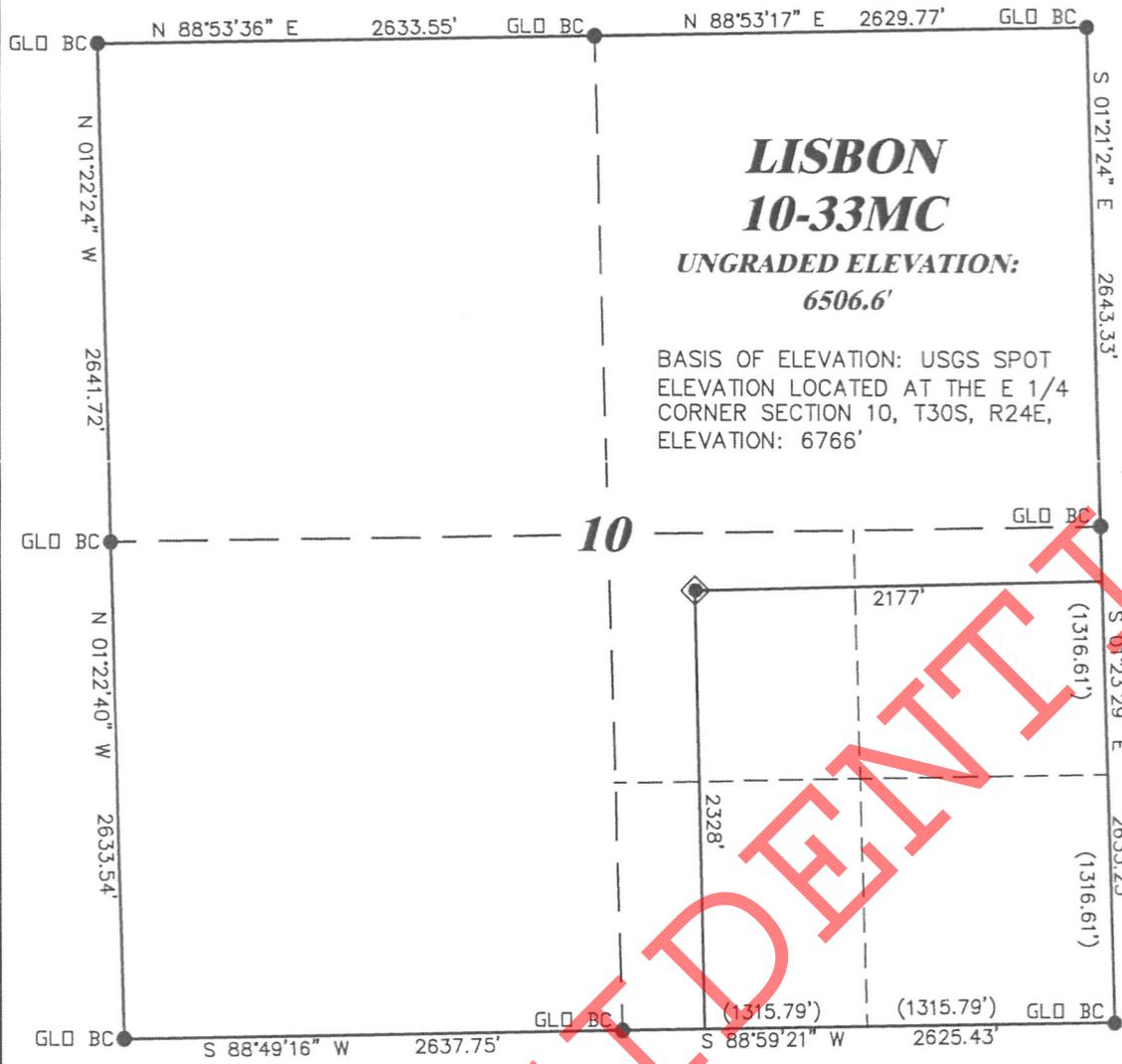
In consideration of the foregoing, we therefore respectfully request an exception to rule R649-3-2 for purposes of drilling the captioned well with a bottomhole at the location set forth in the revised APD. Should you have any questions, regarding this matter, please do not hesitate to give me a call at 303-563-5375.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cassandra Squyres", is written over a large, diagonal red watermark that says "DRAFT".

Patara Oil & Gas LLC
Cassandra Squyres
Land Consultant

R. 24 E.



SCALE' 1" = 1000'
500' 0 1000'

**LISBON
10-33MC**

**UNGRADED ELEVATION:
6506.6'**

BASIS OF ELEVATION: USGS SPOT
ELEVATION LOCATED AT THE E 1/4
CORNER SECTION 10, T30S, R24E,
ELEVATION: 6766'

T. 30 S.

LATITUDE (NAD 83)
NORTH 38.191462 DEG.
LONGITUDE (NAD 83)
WEST 109.273644 DEG.

LATITUDE (NAD 27)
NORTH 38.191473 DEG.
LONGITUDE (NAD 27)
WEST 109.272977 DEG.

NORTHING
562829.32
EASTING
2640015.40

DATUM
SPCS UTS (NAD 27)

SURVEYOR'S STATEMENT

I, BRIAN L. FORBES, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON MARCH 9, 2011 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF LISBON 10-33MC AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT



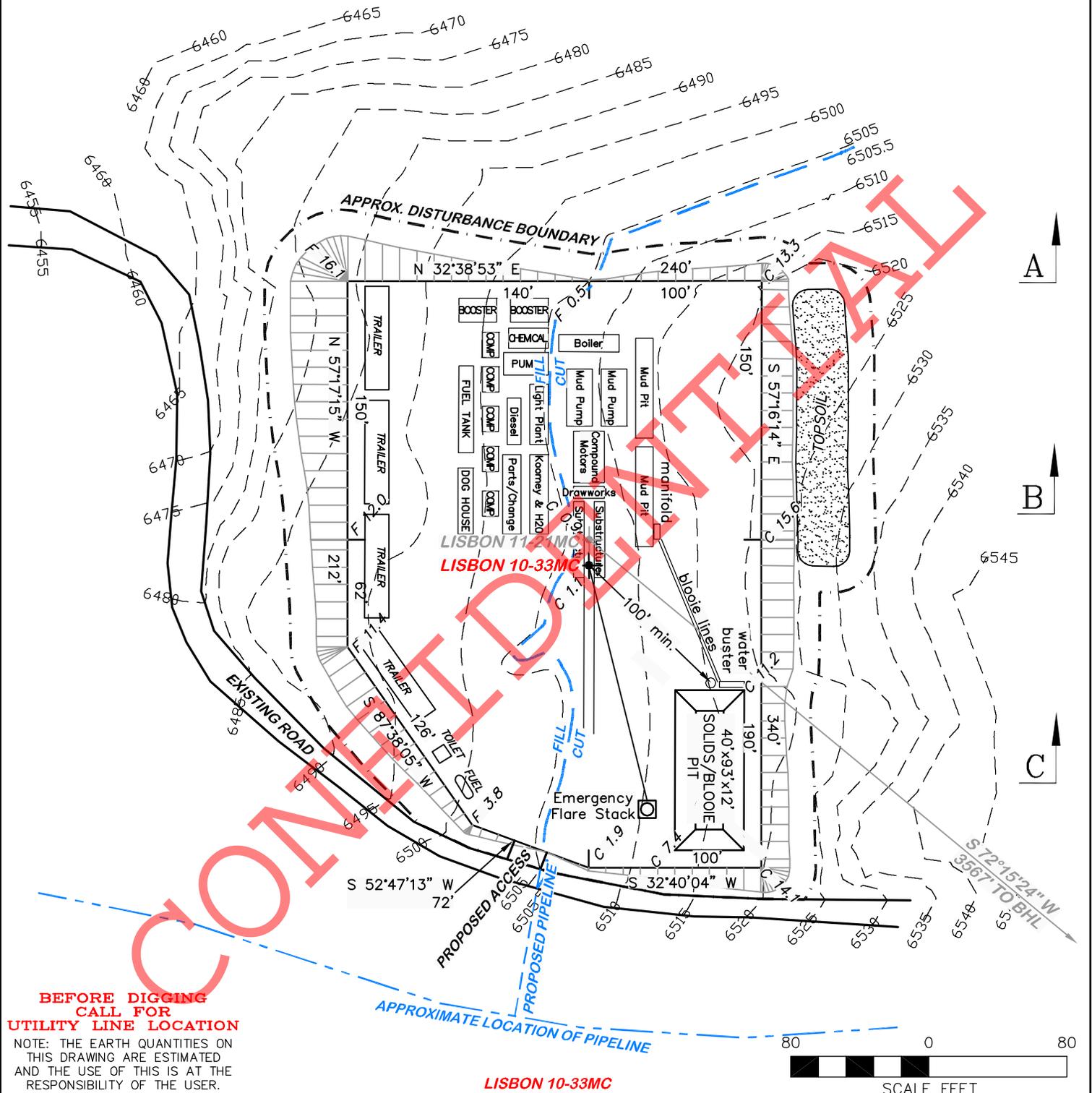
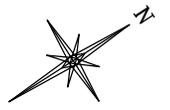
UTAH PLS No. OF 184587-2201

<p>DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>	
<p>REVISED: 8/24/11 - TCM</p>	<p>DRG JOB No. 18402</p>
<p>REVISED SHL</p>	<p>EXHIBIT 1</p>

**PLAT OF DRILLING LOCATION
FOR
PATARA OIL & GAS, LLC.**

**2328' F/SL & 2177' F/EL, NWSE, SECTION 10,
T. 30 S., R. 24 E., SLBM
SAN JUAN COUNTY, UTAH**

APPROXIMATE DISTURBANCE AREA: 2.7 ACRES±
UNGRADED ELEVATION: 6506.4'
FINISHED ELEVATION: 6505.5'



BEFORE DIGGING CALL FOR UTILITY LINE LOCATION
 NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.

LISBON 10-33MC

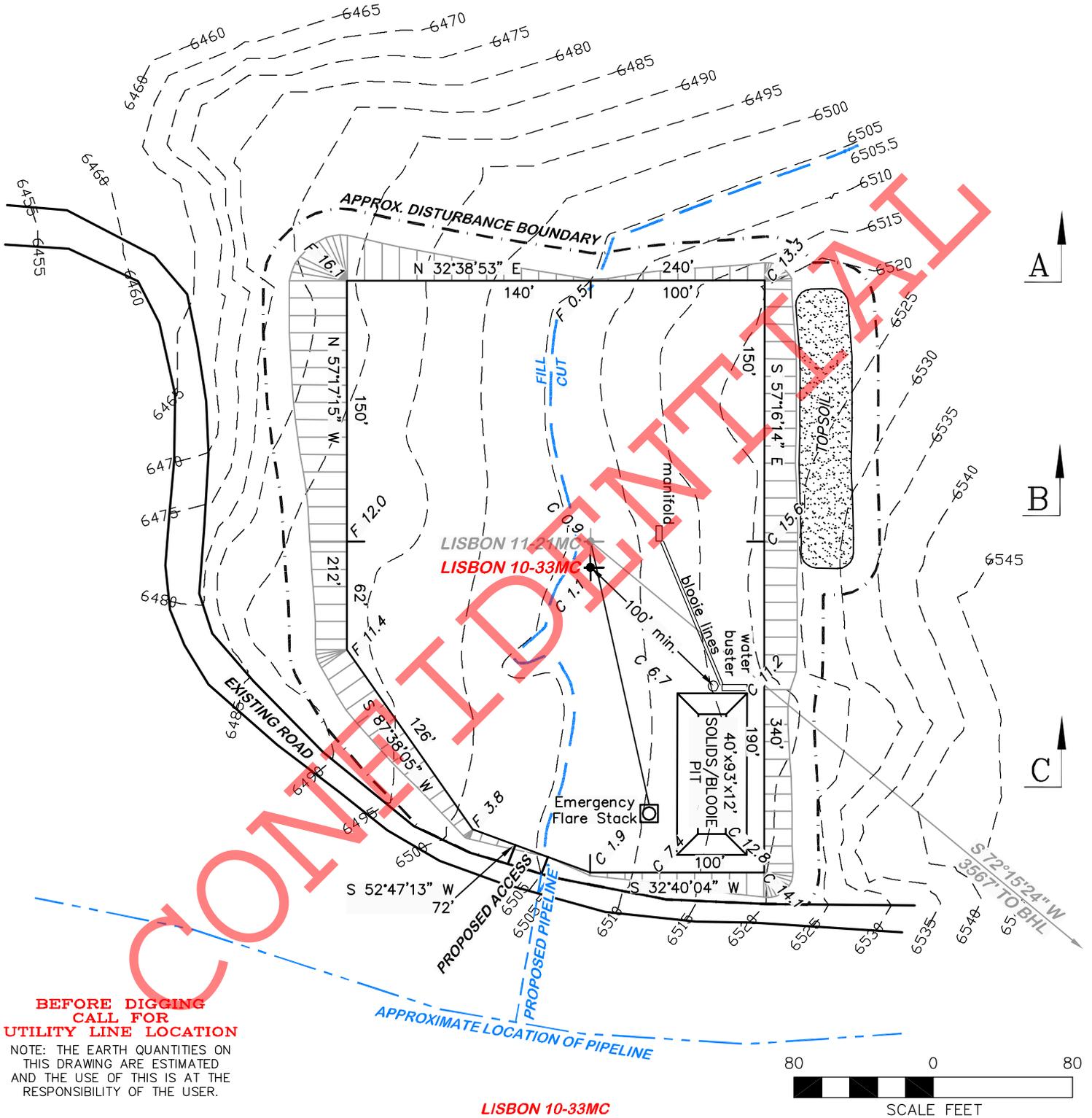
PATARA OIL & GAS, LLC
LISBON 10-33MC
SECTION 10, T30S, R24E

ESTIMATED EARTHWORK

<p>DRG RIFFIN & ASSOCIATES, INC. 1414 ELK ST., ROCK SPRINGS, WY 82901 (307) 362-5028</p>		<p>DRAWN: 3/21/11 - DEH</p>	<p>SCALE: 1" = 80'</p>
		<p>REVISED: 09/28/2011 - CDC</p>	<p>DRG JOB No. 18402</p>
<p>REVISED TRAILER/FUEL LAYOUT</p>		<p>EXHIBIT 2</p>	

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	12,952 CY	11,552 CY	1,394 CY	6 CY
PIT	1,072 CY			1,072 CY
TOTALS	14,024 CY	11,552 CY	1,394 CY	1,078 CY

APPROXIMATE DISTURBANCE AREA: 2.7 ACRES±
UNGRADED ELEVATION: 6506.6'
FINISHED ELEVATION: 6505.5'



DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

PATARA OIL & GAS, LLC
LISBON 10-33MC
SECTION 10, T30S, R24E

DRAWN: 3/21/11 - DEH

SCALE: 1" = 80'

REVISED: 8/24/11 - TCM

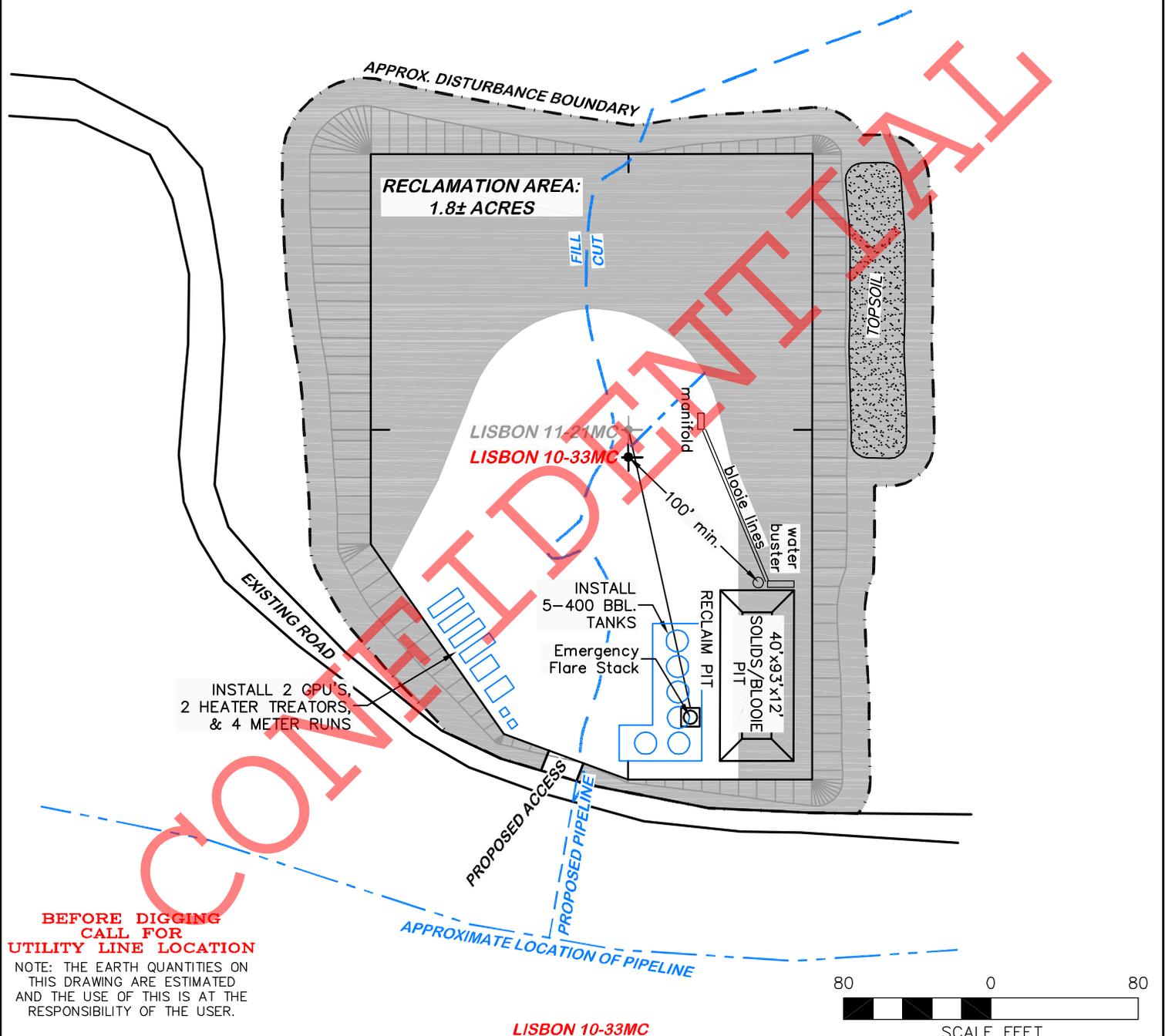
DRG JOB No. 18402

REVISED SHL NAMES

EXHIBIT 2A

UNGRADED ELEVATION: 6506.6'
FINISHED ELEVATION: 6505.5'

APPROXIMATE DISTURBANCE AREA: 2.7 ACRES±
UNGRADED ELEVATION: 6506.6'
FINISHED ELEVATION: 6505.5'



BEFORE DIGGING CALL FOR UTILITY LINE LOCATION

NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.



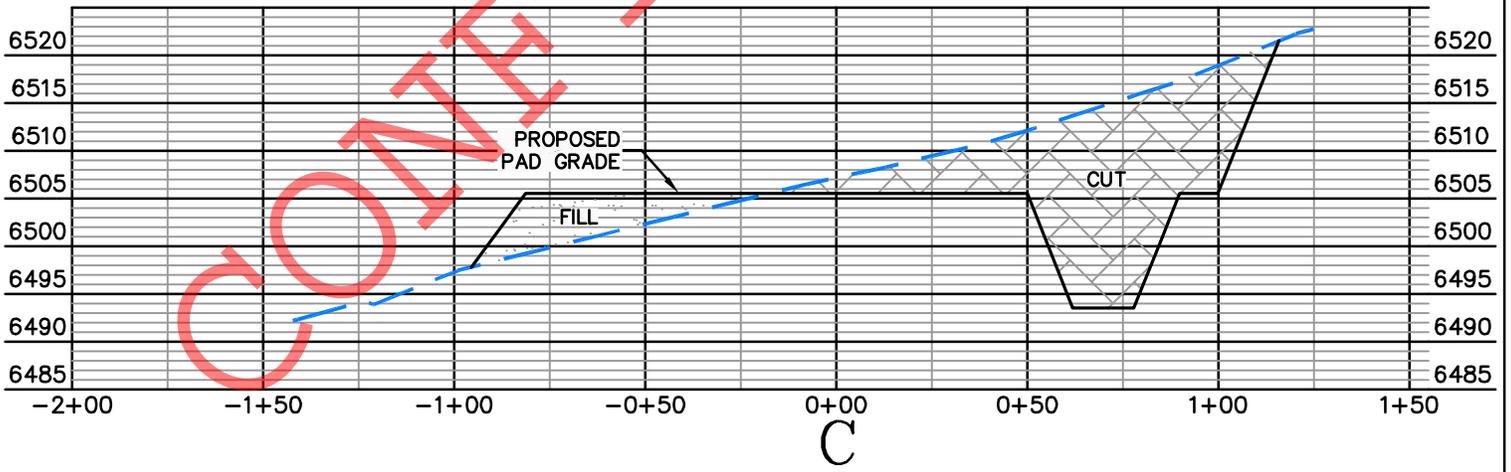
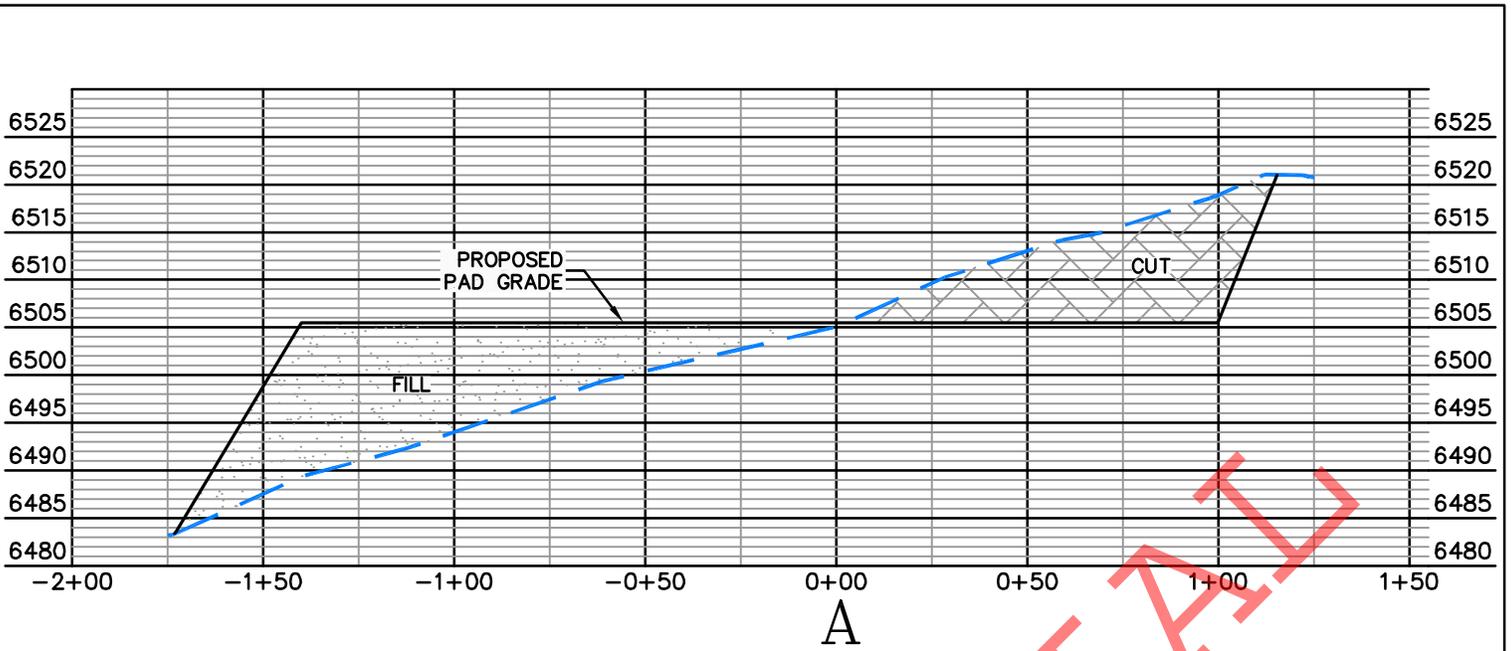
LISBON 10-33MC

DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/22/11 - TCM	SCALE: 1" = 80'
REVISED: 8/24/11 - TCM	DRG JOB No. 18402
REVISED RECLAMATION	EXHIBIT 2B

PATARA OIL & GAS, LLC
LISBON 10-33MC
SECTION 10, T30S, R24E

UNGRADED ELEVATION: 6506.6'
FINISHED ELEVATION: 6505.5'



LISBON 10-33MC

<p>DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>	
<p>DRAWN: 3/21/11 - DEH</p>	<p>HORZ. 1" = 50' VERT. 1" = 20'</p>
<p>REVISED: 8/22/11 - TCM</p>	<p>DRG JOB No. 18402</p>
<p>REVISED RIG/PITS</p>	<p>EXHIBIT 3</p>

PATARA OIL & GAS, LLC
LISBON 10-33MC
SECTION 10, T30S, R24E

UNGRADED ELEVATION: 6506.6'
FINISHED ELEVATION: 6505.5'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

January 6, 2012

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Lisbon McCracken
Unit, San Juan County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2012 within the Lisbon McCracken Unit, San Juan County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ McCracken/Lynch)		
43-037-50018	Lisbon 3-43MC	Sec 03 T30S R24E 1020 FSL 1206 FEL
43-037-50019	Lisbon 10-33MC	Sec 10 T30S R24E 2328 FSL 2177 FEL
43-037-50020	Lisbon 11-22MC	Sec 11 T30S R24E 1530 FNL 0859 FWL BHL Sec 11 T30S R24E 0631 FNL 0730 FWL

Please be advised that the Lisbon McCracken Unit only unitizes the McCracken member of the Elbert formation as identified by the Dual Laterolog MicroSFL run in the Union Lisbon B-210 well located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 30 South, Range 24 East, San Juan County, Utah at a measured depth between 8,495 and 8,610 feet. Production from the Cambrian Lynch cannot be downhole or surface commingled without prior approval from the Moab Field Office.

Michael L. Coulthard
Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2012.01.06 09:10:46 -0700

bcc: File - Lisbon McCracken Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1-6-12

RECEIVED: January 06, 2012

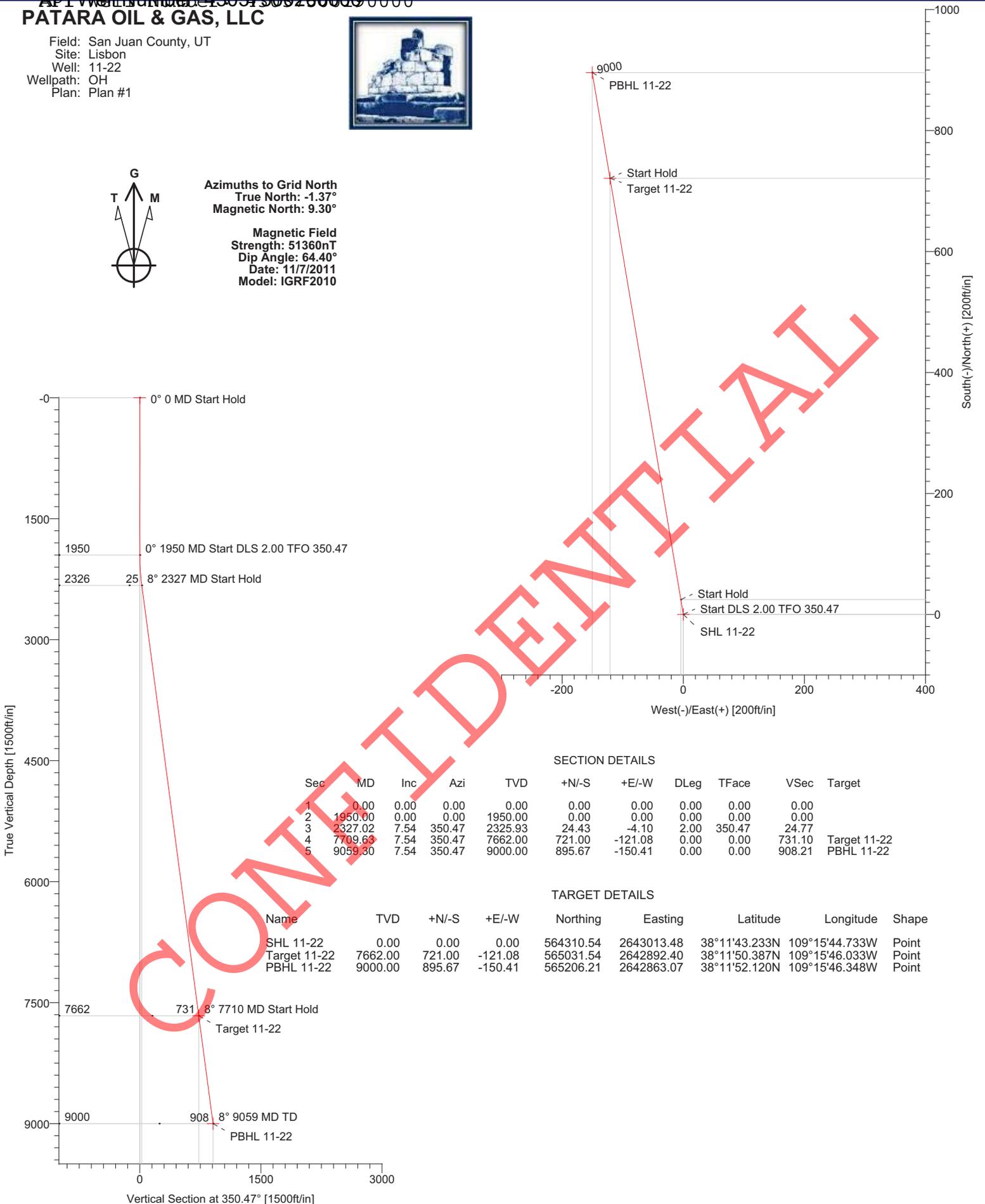
PATARA OIL & GAS, LLC

Field: San Juan County, UT
 Site: Lisbon
 Well: 11-22
 Wellpath: OH
 Plan: Plan #1



Azimuths to Grid North
 True North: -1.37°
 Magnetic North: 9.30°

Magnetic Field
 Strength: 51360nT
 Dip Angle: 64.40°
 Date: 11/7/2011
 Model: IGRF2010



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1950.00	0.00	0.00	1950.00	0.00	0.00	0.00	0.00	0.00	
3	2327.02	7.54	350.47	2325.93	24.43	-4.10	2.00	350.47	24.77	
4	7709.63	7.54	350.47	7662.00	721.00	-121.08	0.00	0.00	731.10	Target 11-22
5	9059.30	7.54	350.47	9000.00	895.67	-150.41	0.00	0.00	908.21	PBHL 11-22

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SHL 11-22	0.00	0.00	0.00	564310.54	2643013.48	38°11'43.233N	109°15'44.733W	Point
Target 11-22	7662.00	721.00	-121.08	565031.54	2642892.40	38°11'50.387N	109°15'46.033W	Point
PBHL 11-22	9000.00	895.67	-150.41	565206.21	2642863.07	38°11'52.120N	109°15'46.348W	Point

Vertical Section at 350.47° [1500ft/in]



LEAM DRILLING SYSTEMS, INC.
 2010 East Davis Conroe, Texas 77301
 Phone: 936-756-7577 Fax: 936-756-7595

Plan: Plan #1 (11-22/OH)
 Created By: Justin Andoe Date: 11/7/2011
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/19/2011

API NO. ASSIGNED: 43037500190000

WELL NAME: Lisbon 10-33MC

OPERATOR: PATARA OIL & GAS, LLC (N3670)

PHONE NUMBER: 303 563-5378

CONTACT: Danielle Gavito

PROPOSED LOCATION: NWSE 10 300S 240E

Permit Tech Review:

SURFACE: 2328 FSL 2177 FEL

Engineering Review:

BOTTOM: 2328 FSL 2177 FEL

Geology Review:

COUNTY: SAN JUAN

LATITUDE: 38.19143

LONGITUDE: -109.27368

UTM SURF EASTINGS: 651177.00

NORTHINGS: 4228463.00

FIELD NAME: LISBON

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU14903

PROPOSED PRODUCING FORMATION(S): LYNCH

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - UTB000428
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: COMMERCIAL
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit: LISBON (MCCRACKEN)
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-3
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - dmason
4 - Federal Approval - dmason
23 - Spacing - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Lisbon 10-33MC
API Well Number: 43037500190000
Lease Number: UTU14903
Surface Owner: FEDERAL
Approval Date: 1/12/2012

Issued to:

PATARA OIL & GAS, LLC, 600 17th Street Ste 1900S, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the LYNCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being

drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Lisbon 10-33MC
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC	9. API NUMBER: 43037500190000
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: LISBON COUNTY: SAN JUAN STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/15/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

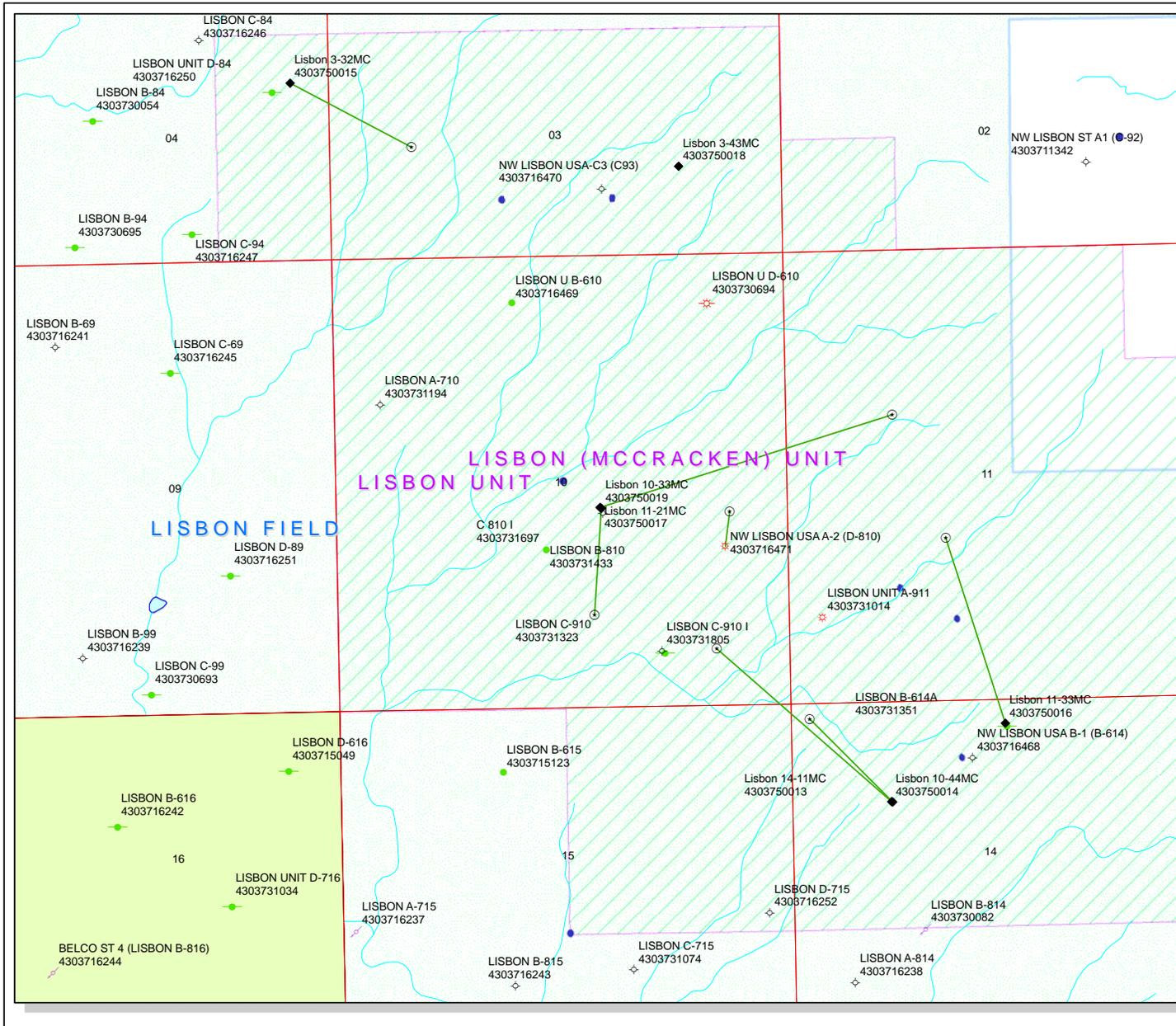
Patara Oil & Gas LLC requests the following changes to be made to our approved APD drilling program: moving the bottom hole location, changing the casing and cement design, revised directional drilling plan, updated survey plat reflecting new bottom hole location, and updated mud program. Please see the attached revised documents for clarification of the requested changes. Please contact either Danielle Gavito at 303-563-5378 or Ryan Calhoun at 303-563-5373 or 303-710-1713 if you have any questions or concerns. Thank you.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: October 15, 2012

By: 

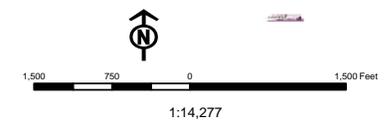
NAME (PLEASE PRINT) Danielle Gavito	PHONE NUMBER 303 563-5378	TITLE Regulatory Technician
SIGNATURE N/A	DATE 10/8/2012	



API Number: 4303750019
Well Name: Lisbon 10-33MC
Township T30.0S Range R24.0E Section 10
Meridian: SLBM
Operator: PATARA OIL & GAS, LLC

Map Prepared:
 Map Produced by Diana Mason

Units Status	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERML	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
Unknown	TA - Temp. Abandoned
ABANDONED	TW - Test Well
ACTIVE	WDW - Water Disposal
COMBINED	WWI - Water Injection Well
INACTIVE	WSW - Water Supply Well
STORAGE	Bottom Hole Location - Oil&GasDb
TERMINATED	





Patara Oil & Gas LLC

Dominion Towers • 600 17th Street, Suite 1900S • Denver, CO 80202

Phone (303) 825-0685 • Fax: (720) 235-4560

October 8, 2012

Ms. Diana Mason
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RE: Rule R649-3-11. Directional Drilling
Lisbon 10-33MC Well
Lisbon (McCracken) Unit
San Juan County, Utah

Dear Ms. Mason:

Reference is made to that certain application for permit to drill (APD) covering the captioned well, which well is presently surface located 2328' FSL and 2177' FEL of Section 10, T30S, R24E, and bottomhole located 1083' FSL and 2279' FEL of Section 10 of said township, in San Juan County, Utah (surveyor plat enclosed). The bottomhole location for this step out well targeting the McCracken formation is located such that the well will be directionally drilled. In accordance with state rule R649-3-11, Patara hereby respectfully requests approval to directionally drill the subject well and provides the following information in support thereof:

- 1.) Patara holds 100% of the oil and gas leasehold interest within a 460' radius of the proposed bottomhole location. Said leasehold is covered under Federal Oil and Gas Lease bearing the serial number UTU-0 014903, which covers the E2, E2W2, and W2SW of Section 10, of said township; and
- 2.) Said leasehold is committed to the Lisbon (McCracken) Federal Unit, case number UTU-066515A. The Unit Agreement serves to unitize all substances in the McCracken formation under the separate unit tracts forming one unit area to effectively and efficiently develop the unitized substances.

In consideration of the foregoing, we therefore respectfully request approval of drilling the captioned well with a bottomhole at the location set forth in the revised APD. Should you have any questions, regarding this matter, please do not hesitate to give me a call at 303-563-5375.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cassandra Squyres", with a long horizontal line extending to the right.

Patara Oil & Gas LLC
Cassandra Squyres
Landman

LISBON 10-33
Drilling Program Changes
San Juan County, Utah
 38.191473, -109.272977 (NAD27)

1 GENERAL INFORMATION

1.1 General Procedure

- Air Hammer 12.25" hole to +/- 1750' MD/TVD from ground level.
- Run and cement 9.625" casing. Install and test wellhead and BOP.
- Air Hammer/Air Mist Drill 8.75" hole to +/- 4300'.
- Mud up and drill with invert mud to TD.
- Log 8.75" hole section
- Run 5.5" casing to TD and pump cement to 1500' (250' above surface csg shoe).
- ND BOP, NU TBG HD, release rig.

1.2 Casing Program

16", 1/4" WT Conductor set to +/-60'.

Depths Run (ft):	0 – 1750'	Surface – TD
OD (in):	9.625	5.5
Weight (lb/ft):	36	17/20
Grade:	J-55	L-80
Pipe ID (in):	8.921	4.892/4.778
Pipe Drift ID (in):	8.765	4.767/4.653
Burst Pressure (psi):	3520	7740/9190
Collapse (psi):	2020	6290/8830
Body Yield (kips):	639	397/466
Joint Strength (kips):	394	338/416
Connection:	STC	LTC
Coupling OD (in):	10.625	6.05
Min Make up torque (ft-lb):	2955	2560/3150
Opt Make up torque (ft-lb):	3940	3410/4200
Max Make up torque (ft-lb)	4925	4260/5250

1.3 *Mud Program Changes*

Interval	Type	Mud Weight	Viscosity	Fluid Loss
0'-1,750'	Air Hammer			
1,750' – +/-4,300'	Air Hammer/Mist	8.3-8.5 ppg	28-32	No Control
+/-4,300'-9,240'	Invert Mud	8.0-8.2 ppg	35-45	<10cc/30 min

(NOV Mud Program attached)

1.4 *Production Cementing Changes*

Change from 620 sx of 12.5 ppg Type III, 35/65 Poz to 1050 sks of 12.5 Type III, 35/65 Poz (Volumes calculated with 15% excess)

R. 24 E.



SCALE' 1" = 1000'
500' 0 1000'

T. 30 S.

**LISBON
10-33MC**

**UNGRADED ELEVATION:
6506.6'**

BASIS OF ELEVATION: USGS SPOT
ELEVATION LOCATED AT THE E 1/4
CORNER SECTION 10, T30S, R24E,
ELEVATION: 6766'

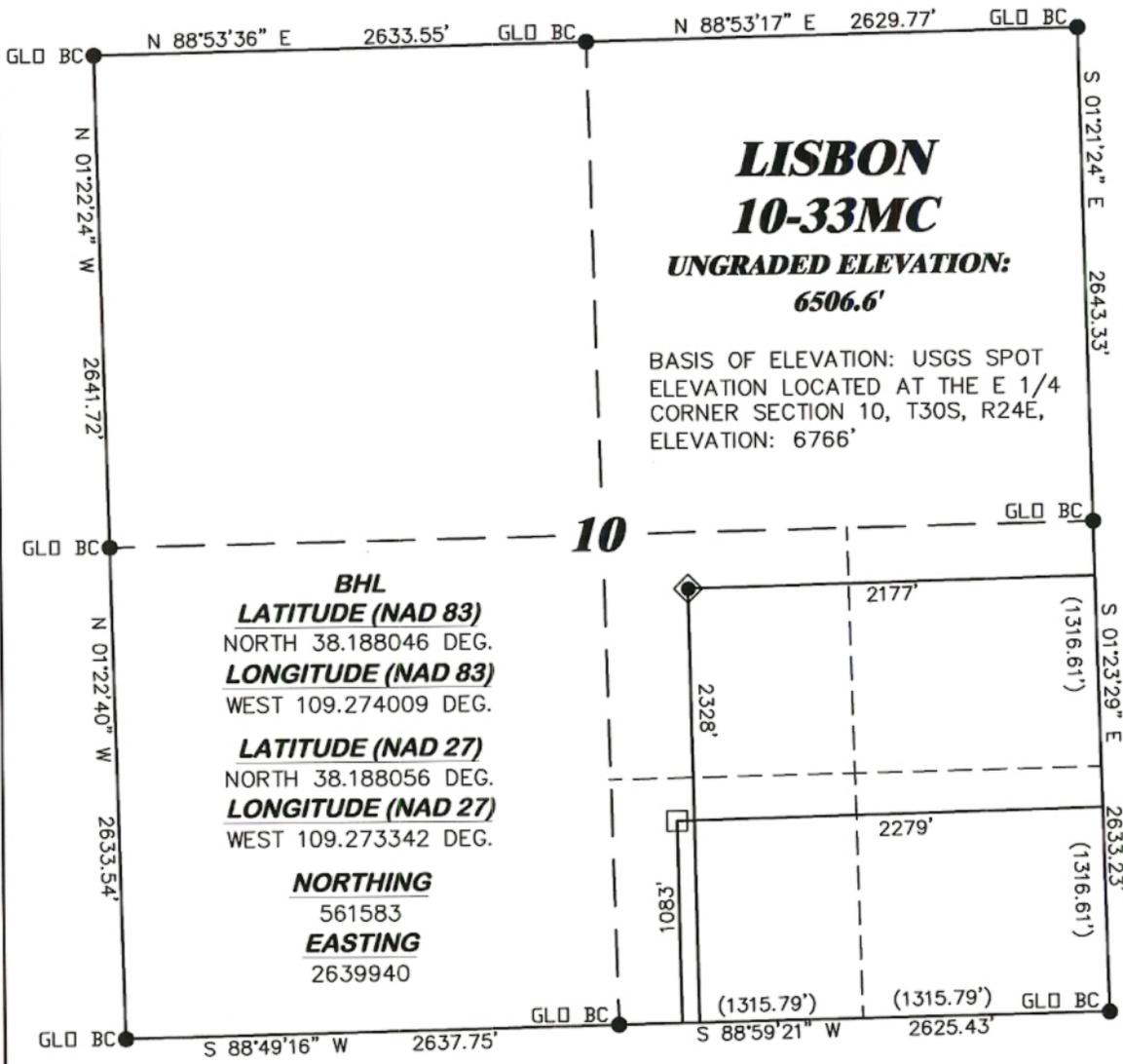
LATITUDE (NAD 83)
NORTH 38.191462 DEG.
LONGITUDE (NAD 83)
WEST 109.273644 DEG.

LATITUDE (NAD 27)
NORTH 38.191473 DEG.
LONGITUDE (NAD 27)
WEST 109.272977 DEG.

NORTHING
562829.32
EASTING
2640015.40

DATUM
SPCS UTS (NAD 27)

10



BHL
LATITUDE (NAD 83)
NORTH 38.188046 DEG.
LONGITUDE (NAD 83)
WEST 109.274009 DEG.
LATITUDE (NAD 27)
NORTH 38.188056 DEG.
LONGITUDE (NAD 27)
WEST 109.273342 DEG.

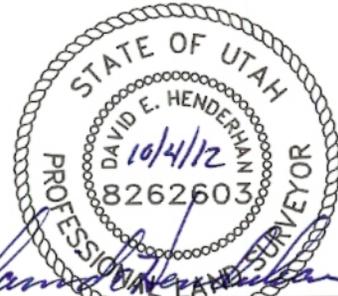
NORTHING
561583
EASTING
2639940

SURVEYOR'S STATEMENT

I, DAVID E. HENDERHAN, OF GRAND JUNCTION, COLORADO, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON OCTOBER 2, 2012 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF LISBON 10-33MC AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT



UTAH PLS No. 8262603-2201

DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/22/11 - DEH	SCALE: 1" = 1000'
REVISED: 10/3/12 - RAS	DRG JOB No. 18402
ADDED BHL	EXHIBIT 1

**PLAT OF DRILLING LOCATION
FOR
PATARA OIL & GAS, LLC.**

**2328' F/SL & 2177' F/EL, NWSE, SECTION 10,
T. 30 S., R. 24 E., SLBM
SAN JUAN COUNTY, UTAH**

Patara

Lisbon Field

Lisbon 2012

Lisbon 10-33

Wellbore #1

Plan: PreDrill Rev 0

Standard Planning Report

02 October, 2012

Amromco
Planning Report

Database:	ahrtoedm1	Local Co-ordinate Reference:	Well Lisbon 10-33
Company:	Patara	TVD Reference:	RIG @ 6521.5ft
Project:	Lisbon Field	MD Reference:	RIG @ 6521.5ft
Site:	Lisbon 2012	North Reference:	True
Well:	Lisbon 10-33	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PreDrill Rev 0		

Project	Lisbon Field		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Colorado South 503		

Site	Lisbon 2012				
Site Position:	Northing:	175,904.76 m	Latitude:	38° 11' 29.386 N	
From: None	Easting:	279,164.38 m	Longitude:	109° 16' 22.872 W	
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-2.31 °

Well	Lisbon 10-33					
Well Position	+N/-S	-8.4 ft	Northing:	175,902.04 m	Latitude:	38° 11' 29.302 N
	+E/-W	12.4 ft	Easting:	279,168.04 m	Longitude:	109° 16' 22.717 W
Position Uncertainty		0.0 ft	Wellhead Elevation:		Ground Level:	6,505.5 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	9/4/2012	0.00	0.00	0

Design	PreDrill Rev 0			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	184.85

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	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,742.3	14.85	184.85	4,734.1	-95.3	-8.1	2.00	2.00	0.00	184.85	
8,741.8	14.85	184.85	8,600.0	-1,116.4	-94.7	0.00	0.00	0.00	0.00	BHL_10-33
9,241.8	14.85	184.85	9,083.3	-1,244.1	-105.6	0.00	0.00	0.00	0.00	

Amromco Planning Report

Database:	ahrtoedm1	Local Co-ordinate Reference:	Well Lisbon 10-33
Company:	Patara	TVD Reference:	RIG @ 6521.5ft
Project:	Lisbon Field	MD Reference:	RIG @ 6521.5ft
Site:	Lisbon 2012	North Reference:	True
Well:	Lisbon 10-33	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PreDrill Rev 0		

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)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	2.00	184.85	4,100.0	-1.7	-0.1	1.7	2.00	2.00	0.00
4,200.0	4.00	184.85	4,199.8	-7.0	-0.6	7.0	2.00	2.00	0.00
4,300.0	6.00	184.85	4,299.5	-15.6	-1.3	15.7	2.00	2.00	0.00
4,400.0	8.00	184.85	4,398.7	-27.8	-2.4	27.9	2.00	2.00	0.00
4,500.0	10.00	184.85	4,497.5	-43.4	-3.7	43.5	2.00	2.00	0.00
4,600.0	12.00	184.85	4,595.6	-62.4	-5.3	62.6	2.00	2.00	0.00
4,700.0	14.00	184.85	4,693.1	-84.8	-7.2	85.1	2.00	2.00	0.00
4,742.3	14.85	184.85	4,734.1	-95.3	-8.1	95.6	2.00	2.00	0.00
4,800.0	14.85	184.85	4,789.8	-110.0	-9.3	110.4	0.00	0.00	0.00
4,900.0	14.85	184.85	4,886.5	-135.6	-11.5	136.0	0.00	0.00	0.00
5,000.0	14.85	184.85	4,983.1	-161.1	-13.7	161.7	0.00	0.00	0.00
5,100.0	14.85	184.85	5,079.8	-186.6	-15.8	187.3	0.00	0.00	0.00
5,200.0	14.85	184.85	5,176.4	-212.2	-18.0	212.9	0.00	0.00	0.00

Amromco Planning Report

Database:	ahrtoedm1	Local Co-ordinate Reference:	Well Lisbon 10-33
Company:	Patara	TVD Reference:	RIG @ 6521.5ft
Project:	Lisbon Field	MD Reference:	RIG @ 6521.5ft
Site:	Lisbon 2012	North Reference:	True
Well:	Lisbon 10-33	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PreDrill Rev 0		

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)	Turn Rate (°/100ft)
5,300.0	14.85	184.85	5,273.1	-237.7	-20.2	238.5	0.00	0.00	0.00
5,400.0	14.85	184.85	5,369.8	-263.2	-22.3	264.2	0.00	0.00	0.00
5,500.0	14.85	184.85	5,466.4	-288.7	-24.5	289.8	0.00	0.00	0.00
5,600.0	14.85	184.85	5,563.1	-314.3	-26.7	315.4	0.00	0.00	0.00
5,700.0	14.85	184.85	5,659.7	-339.8	-28.8	341.0	0.00	0.00	0.00
5,800.0	14.85	184.85	5,756.4	-365.3	-31.0	366.7	0.00	0.00	0.00
5,900.0	14.85	184.85	5,853.1	-390.9	-33.2	392.3	0.00	0.00	0.00
6,000.0	14.85	184.85	5,949.7	-416.4	-35.3	417.9	0.00	0.00	0.00
6,100.0	14.85	184.85	6,046.4	-441.9	-37.5	443.5	0.00	0.00	0.00
6,200.0	14.85	184.85	6,143.1	-467.5	-39.7	469.2	0.00	0.00	0.00
6,300.0	14.85	184.85	6,239.7	-493.0	-41.8	494.8	0.00	0.00	0.00
6,400.0	14.85	184.85	6,336.4	-518.5	-44.0	520.4	0.00	0.00	0.00
6,500.0	14.85	184.85	6,433.0	-544.1	-46.2	546.0	0.00	0.00	0.00
6,600.0	14.85	184.85	6,529.7	-569.6	-48.3	571.6	0.00	0.00	0.00
6,700.0	14.85	184.85	6,626.4	-595.1	-50.5	597.3	0.00	0.00	0.00
6,800.0	14.85	184.85	6,723.0	-620.7	-52.7	622.9	0.00	0.00	0.00
6,900.0	14.85	184.85	6,819.7	-646.2	-54.8	648.5	0.00	0.00	0.00
7,000.0	14.85	184.85	6,916.3	-671.7	-57.0	674.1	0.00	0.00	0.00
7,100.0	14.85	184.85	7,013.0	-697.3	-59.2	699.8	0.00	0.00	0.00
7,200.0	14.85	184.85	7,109.7	-722.8	-61.3	725.4	0.00	0.00	0.00
7,300.0	14.85	184.85	7,206.3	-748.3	-63.5	751.0	0.00	0.00	0.00
7,400.0	14.85	184.85	7,303.0	-773.9	-65.7	776.6	0.00	0.00	0.00
7,500.0	14.85	184.85	7,399.7	-799.4	-67.8	802.3	0.00	0.00	0.00
7,600.0	14.85	184.85	7,496.3	-824.9	-70.0	827.9	0.00	0.00	0.00
7,700.0	14.85	184.85	7,593.0	-850.5	-72.2	853.5	0.00	0.00	0.00
7,800.0	14.85	184.85	7,689.6	-876.0	-74.3	879.1	0.00	0.00	0.00
7,900.0	14.85	184.85	7,786.3	-901.5	-76.5	904.8	0.00	0.00	0.00
8,000.0	14.85	184.85	7,883.0	-927.0	-78.7	930.4	0.00	0.00	0.00
8,100.0	14.85	184.85	7,979.6	-952.6	-80.8	956.0	0.00	0.00	0.00
8,200.0	14.85	184.85	8,076.3	-978.1	-83.0	981.6	0.00	0.00	0.00
8,300.0	14.85	184.85	8,172.9	-1,003.6	-85.2	1,007.3	0.00	0.00	0.00
8,400.0	14.85	184.85	8,269.6	-1,029.2	-87.3	1,032.9	0.00	0.00	0.00
8,500.0	14.85	184.85	8,366.3	-1,054.7	-89.5	1,058.5	0.00	0.00	0.00
8,600.0	14.85	184.85	8,462.9	-1,080.2	-91.7	1,084.1	0.00	0.00	0.00
8,700.0	14.85	184.85	8,559.6	-1,105.8	-93.8	1,109.7	0.00	0.00	0.00
8,741.8	14.85	184.85	8,600.0	-1,116.4	-94.7	1,120.5	0.00	0.00	0.00
8,800.0	14.85	184.85	8,656.2	-1,131.3	-96.0	1,135.4	0.00	0.00	0.00
8,900.0	14.85	184.85	8,752.9	-1,156.8	-98.2	1,161.0	0.00	0.00	0.00
9,000.0	14.85	184.85	8,849.6	-1,182.4	-100.3	1,186.6	0.00	0.00	0.00
9,100.0	14.85	184.85	8,946.2	-1,207.9	-102.5	1,212.2	0.00	0.00	0.00
9,200.0	14.85	184.85	9,042.9	-1,233.4	-104.7	1,237.9	0.00	0.00	0.00
9,241.8	14.85	184.85	9,083.3	-1,244.1	-105.6	1,248.6	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
BHL_10-33 - hit/miss target - Shape - plan hits target center - Point	0.00	357.69	8,600.0	-1,116.4	-94.7	175,563.20	279,125.45	38° 11' 18.265 N	109° 16' 23.904 W

Amromco
Planning Report

Database:	ahrtoedm1	Local Co-ordinate Reference:	Well Lisbon 10-33
Company:	Patara	TVD Reference:	RIG @ 6521.5ft
Project:	Lisbon Field	MD Reference:	RIG @ 6521.5ft
Site:	Lisbon 2012	North Reference:	True
Well:	Lisbon 10-33	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PreDrill Rev 0		

FluidControl

Drilling Fluids Proposal Paradox Basin

Prepared for:

Ryan Calhoun

Patara Oil & Gas

Prepared by:

Terry Dufrene
Regional Technical Manager

Denver, CO.
September 30, 2012

FluidControl

Drilling Fluids Overview

Objectives:

HSE/Safety is paramount on this and all projects NOV FluidControl is involved in and will not conduct any operation where safety is not the **Key Issue**. We value our employees as well as its customers and will always strive to maintain a safe, healthy work environment.

12¹/₄" Interval – 9⁵/₈" Surface (0 – ±1,500'TVD) This interval is programmed to be air drilled. Although air drilling will be used, it is recommended that mud products be on location in case mud-up is required.

Adequate air rate to ensure hole will be cleaned.

8³/₄"

8³/₄" Interval – (1,500 – ±4,300'TVD) This intermediate interval is also scheduled to be drilled with air.

Adequate air rate to ensure hole will be cleaned. Possible water flows

If fluid influx so dictates, convert to aerated water. The fluid will be circulated through the reserve pit. High viscosity sweeps may be pumped to improve hole cleaning.

Be aware of lost circulation

5¹/₂"
8³/₄" Interval – 7" Casing (4,300 – ±9,200'TVD) Prior to drilling into the Paradox Salt @ 4386', displace out water with 8.0 – 8.2 ppg invert oil mud.

The Leadville Formation @ 7974' is depleted to as low as 500 psi

The McCracken Formation @ 8600' is depleted as low as 468 psi

H₂S is also prevalent in both formations

Lost circulation / gas kicks should be expected at all times.

FluidControl

12¼" – (0 – ±1,500') – 9⅝" Casing						
Drilling Fluid System		Air / Hammer				
Key Products						
Solids Control						
Potential Problems		Hole Cleaning				
Interval Drilling Fluid Properties						
Depth Interval (ft)	Mud Weight (ppg)	Funnel Viscosity (Sec/qt)	Plastic Viscosity (cp)	Yield Point (lb/100ft ²)	API Fluid Loss (ml/30min)	Drill Solids (%)
0 – 1,500'						

Operation:

- Spud well to 1,500' with air and hammer and set 9⅝" casing. Maintain adequate air rate to ensure hole will be cleaned.

Method	Air (SCFM)	Pressure (psi)	Liquid (gpm)	Equipment
Air/dust drilling	1,250 – 6,000	200 – 800	None	2 – 6 compressors
Mist drilling	1,250 – 6,000	400 – 1,200	1 – 10	2 – 6 compressors
Foam drilling	400 – 1,600	400 – 1,200	10 – 100	1 small compressor
Aerated mud	500 – 1,500	600 – 1,200	100 – 400 (mud)	1 compressor

Table 1: Typical air drilling volume requirements.

FluidControl

3/4"

8 1/2" – (1,500' – ±4,300')

Drilling Fluid System	Air / Hammer and Air Mist / Aerated Water					
Key Products						
Solids Control						
Potential Problems	Hole Cleaning, Water Flows					
Interval Drilling Fluid Properties						
TVD Interval (ft)	Mud Weight (ppg)	Funnel Viscosity (Sec/qt)	Plastic Viscosity (cp)	Yield Point (lb/100ft ²)	API Fluid Loss (ml/30min)	Drill Solids (%)
1,500 – 4,300'	8.3 – 8.5	28 - 32	NA	NA	NA	NA

- Drill out of the 9 5/8" casing with air and hammer. Maintain adequate air rate to ensure hole cleaning.
- Be prepared for water flows at all times.
- The hole may require aerated water, accompanied by high viscosity sweeps to ensure hole cleaning. If circulating through the reserve pit, depending on the chloride content, will determine the use of Freshwater Gel or Saltwater Gel for viscosity.

FluidControl

^{3/4"} 8 1/2" – (4,300' – ±9,200') – 7" Casing	
Drilling Fluid System	Invert Oil Mud
Key Products	Barite, Diesel, NOV Organoclay XT, NOV MG MUL I, NOV MG MUL II, NOV MG WA, CaCl ₂
Solids Control	High Speed Shakers, Centrifuges
Potential Problems	Lost Circulation, H ₂ S, Water Flows/Gas Kicks

Interval Drilling Fluid Properties			
Property	TVD Interval (ft)		
Mud Weight (ppg)	8.0 – 8.2		
PV (cP)	6 – 10		
YP (lb/100ft ²)	4 – 8		
HTHP F.L. @ 250 °F	6 – 4		
OWR	76/24 – 80/20		
Calcium Chloride (%)	25		
ES (volts)	> 500		
Low Gravity Solids (%)	3 – 5		

- Open-hole displacement prior to reaching Paradox Salt.
- The primary areas of concern during this interval will be pressure control, whole mud losses, complex salts and mud. The pressure increases in this interval may be quite sudden and it will be critical to constantly observe wellbore conditions.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 22, 2012

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Lisbon McCracken
Unit, San Juan County, Utah.

Pursuant to email between Eric Jones, Moab Field Office, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well's bottom hole location has been modified. Operations are planned for calendar year 2012 within the Lisbon McCracken Unit, San Juan County, Utah (please refer to our memorandum dated January 6, 2012).

API #	LOCATION	WELL NAME
-------	----------	-----------

(Proposed PZ McCracken)

43-037-50019	Lisbon 10-33MC Sec 10 T30S R24E 2328 FSL 2177 FEL	
		BHL Sec 10 T30S R24E 1083 FSL 2279 FEL

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2012.10.22 09:53:35 -0600

bcc: File - Lisbon McCracken Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-22-12

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 22, 2012

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Lisbon McCracken
Unit, San Juan County, Utah.

Pursuant to email between Eric Jones, Moab Field Office, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well's bottom hole location has been modified. Operations are planned for calendar year 2012 within the Lisbon McCracken Unit, San Juan County, Utah (please refer to our memorandum dated January 6, 2012).

API #	LOCATION	WELL NAME
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(Proposed PZ McCracken)

43-037-50019	Lisbon 10-33MC Sec 10 T30S R24E 2328 FSL 2177 FEL	
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This office has no objection to permitting the well at this time.

Michael L. Coulthard

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DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
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Date: 2012.10.22 09:53:35 -0600

bcc: File - Lisbon McCracken Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-22-12

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

October 22, 2012

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Lisbon McCracken
Unit, San Juan County, Utah.

Pursuant to email between Eric Jones, Moab Field Office, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well's bottom hole location has been modified. Operations are planned for calendar year 2012 within the Lisbon McCracken Unit, San Juan County, Utah (please refer to our memorandum dated January 6, 2012).

API #	LOCATION	WELL NAME
-------	----------	-----------

(Proposed PZ McCracken)

43-037-50019	Lisbon 10-33MC Sec 10 T30S R24E 2328 FSL 2177 FEL	
	BHL Sec 10 T30S R24E 1083 FSL 2279 FEL	

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2012.10.22 09:53:35 -0600

bcc: File - Lisbon McCracken Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-22-12

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Lisbon 10-33MC
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC	9. API NUMBER: 43037500190000
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: LISBON COUNTY: SAN JUAN STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/22/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="bermed solids pile"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Patara Oil & Gas LLC wishes to request permission to build an above ground solids bermed pile as depicted on the attached exhibit. Due to a revised drilling plan, Patara will drill the lower portion of the proposed well (4300' to TD) with inverted mud. The resulting cuttings will be piled into the segregated and lined portion of the bermed pile. Upon completion of drilling, the cuttings and liner will be hauled away to an approved disposal site. No portion of the inverted mud cuttings will be used for reclamation. Please see the attached diagram for clarification of the bermed pile and modified pad layout as proposed. Please contact Danielle Gavito at either dgavito@pataraog.com or at 303-563-5378 if you have questions or concerns. Thank you.

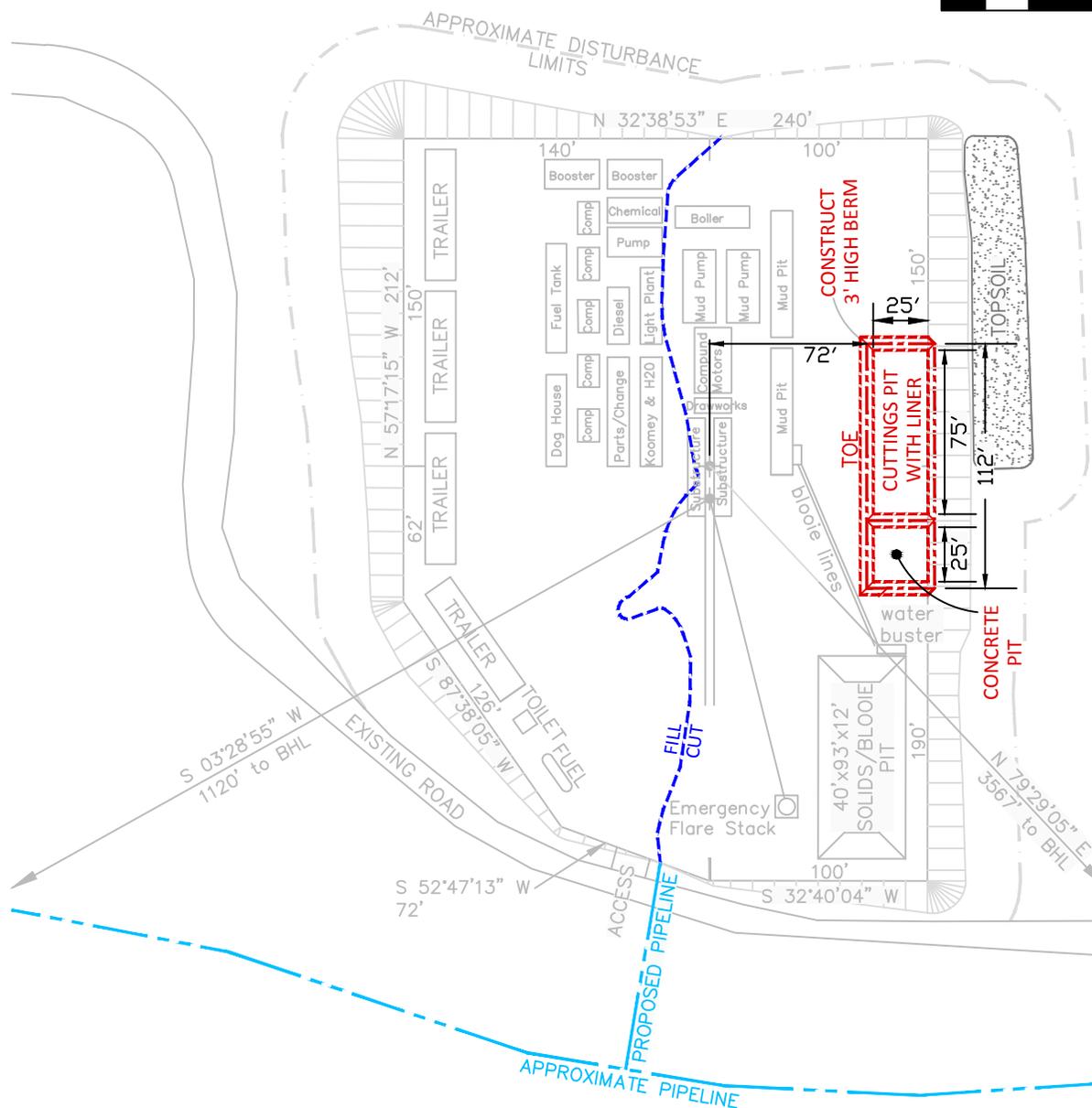
**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 October 26, 2012**

NAME (PLEASE PRINT) Danielle Gavito	PHONE NUMBER 303 563-5378	TITLE Regulatory Technician
SIGNATURE N/A	DATE 10/18/2012	

FINISHED ELEVATION: 6505.5'
 APPROXIMATE AREA OF DISTURBANCE: 2.7± ACRES



SCALE: 1"=80'
 0' 20' 40' 80'



CONFIDENTIALITY NOTES:

The information contained in this plat is legally privileged and confidential information intended only for the use of the recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.

MMF 10-33MC PAD



WILLIAM H. SMITH & ASSOCIATES P.C.
 SURVEYING CONSULTANTS
 550 EAST SECOND NORTH PHONE: 307-875-3638
 GREEN RIVER, WY 307-875-3639
www.whsmithpc.com

CUTTINGS & CONCRETE PIT ADDTION
 PATARA OIL & GAS, LLC
 LISBON 10-33MC

SECTION 10
 T. 30 S., R. 24 E., SALT LAKE P.M.
 SAN JUAN COUNTY, UTAH

JOB NO: 2011900.009	DATE DRAWN - BY: 10/17/12- rcr
REVISIONS: Revise to closed loop pad & add Emergency Flare Stake. 8/16/12 RR	SCALE: 1" = 80'
	EXHIBIT 2
	PAGE 1 OF 1

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		8. WELL NAME and NUMBER: Lisbon 10-33MC
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202		9. API NUMBER: 43037500190000
PHONE NUMBER: 303 563-5364 Ext		9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 10/28/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Lisbon 10-33MC was spud at 21:00 on October 28, 2012 with Les Wilson Rig #30. Please contact the undersigned with any questions or concerns. Thank you.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 30, 2012**

NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A	DATE 10/30/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		8. WELL NAME and NUMBER: Lisbon 10-33MC
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202		9. API NUMBER: 43037500190000
PHONE NUMBER: 303 563-5364 Ext		9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/5/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please find the attached report for the subject well.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 05, 2012**

NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A	DATE 11/5/2012	



Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Lisbon 10-33MC

API/UWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Field Name Lisbon	License #	State/Province Utah	Well Configuration Type Vertical
Ground Elevation (ft) 6,506.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 18.00	KB-Casing Flange Distance (ft)	Spud Date 10/28/2012 21:00	Rig Release Date

Job Category Drilling	Primary Job Type Drilling - original	Secondary Job Type	Status 1
Start Date 10/23/2012	End Date	AFE Number 1188;P12D16	Total AFE + Supp Amount (Cost)

Objective

Summary

Contractor LES WILSON DRILLING	Rig Number 30	Rig Type Drilling - Double
-----------------------------------	------------------	-------------------------------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	10/10/2012	10/11/2012			Costs bid to build location Ebberts
2.0	10/11/2012	10/12/2012			Drill and set 60"x16" conductor, 50"x14" mouse set 6x6 cellar and cement with 2 hole covers
3.0	10/12/2012	10/13/2012			Line pit with pad and liner. Pit size 93'x40'x12
4.0	10/19/2012	10/26/2012			Inverted cuttings lined burm
5.0	10/23/2012	10/24/2012			RDRT
6.0	10/24/2012	10/25/2012			RDRT, Move Rig
7.0	10/25/2012	10/26/2012			RDRT, MOVE RIG, RURT
8.0	10/26/2012	10/27/2012			RURT, MOVE IN, WOD
9.0	10/27/2012	10/28/2012			RURT, WOD
10.0	10/28/2012	10/29/2012			RU AIR EQUIP, WELD ON FLOW LINE. CLEAN OUT MOUSE HOLE, SPUD 21:00 HRS, DRLG
11.0	10/29/2012	10/30/2012			DRLG SURFACE
12.0	10/30/2012	10/31/2012			FILL HOLE, TRIP OUT, RU RUN CSG, CIRC & RIG UP BAKER, CMT CSG, WOC, CUT OFF CONDUCTOR, CSG, AND WELD ON HEAD
13.0	10/31/2012	11/1/2012			NU BOP, TEST BOP, TRIP IN, DRLG OUT, DRLG FLOAT EQUIP. & CMT
14.0	11/1/2012	11/2/2012			DRLG 1813'- 3,000'
15.0	11/2/2012	11/3/2012			DRLG TO 3132', TRIP OUT, LD AIR TOOLS, PU DIRECTIONAL ASSEMBLY, TRIP IN, (CLEAN PITS), DISPLACE W/ INVERT, PUMP SLUG, TRIP OUT, TRIP IN, SURVEY EVERY 300'
16.0	11/3/2012	11/4/2012			DRLG 3132'- 4248'
17.0	11/4/2012	11/5/2012			DRLG 4258'- 5534'

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Patara Oil & Gas LLC Operator Account Number: N 3670
 Address: 600 17th Street, Suite 1900S
city Denver
state CO zip 80202
 Phone Number: (303) 825-0685

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303750019	Lisbon 10-33MC		NWSE	10	30S	34E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	new	18803	10/28/2012		11/9/2012		
Comments: <u>New well spud Lynch</u>							

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Christopher A. Noonan

Name (Please Print)

Signature

Production Supervisor

Title

11/5/2012

Date

RECEIVED

NOV 07 2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Lisbon 10-33MC		
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC	9. API NUMBER: 43037500190000		
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext	9. FIELD and POOL or WILDCAT: LISBON	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/11/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
The Lisbon 10-33MC reached TD at 9,359' on 11/11/12.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 21, 2012			
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production	
SIGNATURE N/A		DATE 11/20/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202		8. WELL NAME and NUMBER: Lisbon 10-33MC
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9. FIELD and POOL or WILDCAT: LISBON		COUNTY: SAN JUAN
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/4/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please find the attached monthly drill report for the previous month. Drill operations complete.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 05, 2012		
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A	DATE 12/4/2012	



Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Lisbon 10-33MC

API/UWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Field Name Lisbon	License #	State/Province Utah	Well Configuration Type Vertical
Ground Elevation (ft) 6,508.00	Casing Flange Elevation (ft) 6,508.00	KB-Ground Distance (ft) 16.00	KB-Casing Flange Distance (ft) 16.00	Spud Date 10/28/2012 21:00	Rig Release Date 11/15/2012 19:00

Job Category Drilling	Primary Job Type Drilling - original	Secondary Job Type Drilling - original	Status 1 In Progress
Start Date 10/23/2012	End Date	AFE Number 1188;P12D16	Total AFE + Supp Amount (Cost)

Objective
Drill & test McCracken formation.

Summary

Contractor LES WILSON DRILLING	Rig Number 30	Rig Type Drilling - Double
-----------------------------------	------------------	-------------------------------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	10/10/2012	10/11/2012			Costs bid to build location Ebberts
2.0	10/11/2012	10/12/2012			Drill and set 60"x16" conductor, 50"x14" mouse set 6x6 cellar and cement with 2 hole covers
3.0	10/12/2012	10/13/2012			Line pit with pad and liner. Pit size 93'x40'x12
4.0	10/19/2012	10/26/2012			Inverted cuttings lined burm
5.0	10/23/2012	10/24/2012			RDRT
6.0	10/24/2012	10/25/2012			RDRT, Move Rig
7.0	10/25/2012	10/26/2012			RDRT, MOVE RIG, RURT
8.0	10/26/2012	10/27/2012			RURT, MOVE IN, WOD
9.0	10/27/2012	10/28/2012			RURT, WOD
10.0	10/28/2012	10/29/2012			RU AIR EQUIP, WELD ON FLOW LINE. CLEAN OUT MOUSE HOLE, SPUD 21:00 HRS, DRLG
11.0	10/29/2012	10/30/2012			DRLG SURFACE
12.0	10/30/2012	10/31/2012			FILL HOLE, TRIP OUT, RU RUN CSG, CIRC & RIG UP BAKER, CMT CSG, WOC, CUT OFF CONDUCTOR, CSG, AND WELD ON HEAD
13.0	10/31/2012	11/1/2012			NU BOP, TEST BOP, TRIP IN, DRLG OUT, DRLG FLOAT EQUIP. & CMT
14.0	11/1/2012	11/2/2012			DRLG 1813'- 3,000'
15.0	11/2/2012	11/3/2012			DRLG TO 3132', TRIP OUT, LD AIR TOOLS, PU DIRECTIONAL ASSEMBLY, TRIP IN, (CLEAN PITS), DISPLACE W/ INVERT, PUMP SLUG, TRIP OUT, TRIP IN, SURVEY EVERY 300'
16.0	11/3/2012	11/4/2012			DRLG 3132'- 4248'
17.0	11/4/2012	11/5/2012			DRLG 4258'- 5534'
18.0	11/5/2012	11/6/2012			DRLG 5534'- 6600'
19.0	11/6/2012	11/7/2012			DRLG 6600'- 7600'
20.0	11/7/2012	11/8/2012			DRLG 7600'- 8375'
21.0	11/8/2012	11/9/2012			DRLG 8375'- 8850'
22.0	11/9/2012	11/10/2012			DRLG 8850'- 8885', TRIP OUT, REPLACE BIT & MOTOR, TRIP IN, STRAP OUT 68' DOWN HOLE CORRECTION
23.0	11/10/2012	11/11/2012			TRIP IN, DRLG 8955'- 9359', TD 03:00 HRS, 11/11/2012, WIPER TRIP
24.0	11/11/2012	11/12/2012			WIPER TRIP, CIRC, TRIP OUT, PULL WEAR BUSHING, LOG
25.0	11/12/2012	11/13/2012			LOG, 2 RUNS, TRIP IN, CIRC
26.0	11/13/2012	11/14/2012			CIRC, LDDP, RIG UP AND RUN CSG, CIRC CSG
27.0	11/14/2012	11/15/2012			CMT CSG 1ST STAGE, CIRC, CMT 2ND STAGE, ND BOP, SET SLIPS, SET OUT BOP, INSTALL TUBING HEAD, RDRT
28.0	11/15/2012	11/16/2012			CLEAN MUD PITS, 2 CLEANING CREWS CLEANING RIG, RELEASE RIG 19:00 HRS 11/15/2012, NO MORNING TOUR CREW, WOD 12 HRS
29.0	11/20/2012	11/21/2012			10 hrs trucking @ \$99.80 & 250 bbls @\$ 40.15 disposal
30.0	11/21/2012	11/21/2012			

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/1/2012

FROM: (Old Operator):
 N3670- Patara Oil & Gas, LLC
 600 17th Street, Suite 1900S
 Denver, CO 80202

 Phone: 1 (303) 825-0685

TO: (New Operator):
 N3645- CCI Paradox Upstream, LLC
 600 17th Street, Suite 1900S
 Denver, CO 80202

 Phone: 1 (303) 825-0685

CA No. _____ **Unit:** Lisbon (McCreacken)

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- Is the new operator registered in the State of Utah: _____ Business Number: 8523441-0161
- (R649-9-2) Waste Management Plan has been received on: Not Yet
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 2/12/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)

Effective 11/1/2012

Lisbon (McCracken) Unit

Well Name	Section	TWN	RNG	API Number	Entity	Lease Type	Well Type	Well Status
Lisbon 14-11MC	14	300S	240E	4303750013		Federal	OW	APD
Lisbon 10-44MC	14	300S	240E	4303750014		Federal	OW	APD
Lisbon 3-32MC	04	300S	240E	4303750015		Federal	OW	APD
Lisbon 11-33MC	14	300S	240E	4303750016		Federal	OW	APD
Lisbon 11-21MC	10	300S	240E	4303750017		Federal	GW	APD
Lisbon 3-43MC	03	300S	240E	4303750018		Federal	OW	APD
LISBON U B-610	10	300S	240E	4303716469	8123/9740	Federal	OW	P
Lisbon 10-33MC	10	300S	240E	4303750019	9740	Federal	OW	P
LISBON U D-610	10	300S	240E	4303730694	8123	Federal	GW	S

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JAN 23 2013

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL, GAS WELL, OTHER Multiple Well Transfer
2. NAME OF OPERATOR: Patara Oil & Gas LLC
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S Denver CO 80202
4. LOCATION OF WELL: FOOTAGES AT SURFACE: n/a, COUNTY: San Juan, UT, STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Multiple
9. API NUMBER: n/a
10. FIELD AND POOL, OR WILDCAT: n/a

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, and various actions like ACIDIZE, ALTER CASING, OPERATOR CHANGE, etc.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) Christopher A. Noonan
TITLE Regulations & Production Reporting Supervisor
SIGNATURE [Signature]
DATE 1/18/13

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u>		8. WELL NAME and NUMBER: <u>Multiple</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: n/a
		10. FIELD AND POOL, OR WILDCAT: n/a
		COUNTY: <u>San Juan, UT</u>
		STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

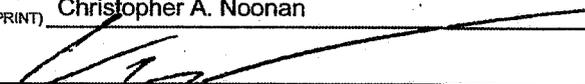
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u>	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:
Blm: 105865919
State: 105865922

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations & Production Reporting Supervisor</u>
SIGNATURE 	DATE <u>2/6/2012</u>

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

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FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

API Well Number	Operator	Well Name	Well Status	Well Type	Field Name	County	Qtr/Qtr	Section	Township-Range)
✓ 43-037-15049-00-00	PATARA OIL & GAS LLC	LISBON D-616	Shut-In	Oil Well	LISBON	SAN JUAN	NENE	16	30S-24E 1
✓ 43-037-15123-00-00	PATARA OIL & GAS LLC	LISBON B-615	Producing	Oil Well	LISBON	SAN JUAN	NENW	15	30S-24E 2
✓ 43-037-15769-00-00	PATARA OIL & GAS LLC	LISBON B912	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	12	30S-24E 3
✓ 43-037-16219-00-00	PATARA OIL & GAS LLC	BIG INDIAN UNIT 1	Shut-In	Oil Well	BIG INDIAN (MADISON)	SAN JUAN	SENE	33	29S-24E 4
✓ 43-037-16221-00-00	PATARA OIL & GAS LLC	BIG INDIAN 4	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSW	14	30S-25E 5
✓ 43-037-16237-00-00	PATARA OIL & GAS LLC	LISBON A-715	Inactive	Water Disposal Well	LISBON	SAN JUAN	SWNW	15	30S-24E 6
✓ 43-037-16240-00-00	PATARA OIL & GAS LLC	LISBON B-613	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	13	30S-24E 7
✓ 43-037-16242-00-00	PATARA OIL & GAS LLC	LISBON B-616	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	16	30S-24E 8
✓ 43-037-16244-00-00	PATARA OIL & GAS LLC	BELCO ST 4 (LISBON B-816)	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	16	30S-24E 9
✓ 43-037-16245-00-00	PATARA OIL & GAS LLC	LISBON C-69	Shut-In	Oil Well	LISBON	SAN JUAN	NWNE	9	30S-24E 10

✓ 43-037-16247-00-00	PATARA OIL & GAS LLC	LISBON C-94	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	4	30S-24E 11
✓ 43-037-16250-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E 12
✓ 43-037-16251-00-00	PATARA OIL & GAS LLC	LISBON D-89	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	9	30S-24E 13
43-037-16469-00-00	PATARA OIL & GAS LLC	LISBON U B-610	Producing	Oil Well	LISBON	SAN JUAN	NENW	10	30S-24E 14
43-037-16471-00-00	PATARA OIL & GAS LLC	NW LISBON USA A-2 (D-810)	Producing	Gas Well	LISBON	SAN JUAN	NESE	10	30S-24E 15
43-037-30054-00-00	PATARA OIL & GAS LLC	LISBON B-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	4	30S-24E 16
43-037-30082-00-00	PATARA OIL & GAS LLC	LISBON B-814	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	14	30S-24E 17
43-037-30317-00-00	PATARA OIL & GAS LLC	FEDERAL 15-25	Shut-In	Gas Well	WILSON CANYON	SAN JUAN	SWSE	25	29S-23E 18
43-037-30693-00-00	PATARA OIL & GAS LLC	LISBON C-99	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	9	30S-24E 19
43-037-30694-00-00	PATARA OIL & GAS LLC	LISBON U D-610	Shut-In	Gas Well	LISBON	SAN JUAN	NENE	10	30S-24E 20
43-037-30695-00-00	PATARA OIL & GAS LLC	LISBON B-94	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	4	30S-24E 21
43-037-31014-00-00	PATARA OIL & GAS LLC	LISBON UNIT A-911	Producing	Gas Well	LISBON	SAN JUAN	SWSW	11	30S-24E 22
43-037-31034-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-716	Shut-In	Oil Well	LISBON	SAN JUAN	SENE	16	30S-24E 23
43-037-31323-00-00	PATARA OIL & GAS LLC	LISBON C-910	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	10	30S-24E 24
43-037-31351-00-00	PATARA OIL & GAS LLC	LISBON B-614A	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E 25
43-037-31433-00-00	PATARA OIL & GAS LLC	LISBON B-810	Producing	Oil Well	LISBON	SAN JUAN	NESW	10	30S-24E 26

43-037-31829-00-00	PATARA OIL & GAS LLC	BIG INDIAN 35-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	35	29S-24E 7
43-037-31831-00-00	PATARA OIL & GAS LLC	BULL HORN U 10-43	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSE	10	30S-25E 8
43-037-31838-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-14-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	36	29S-24E 9
43-037-31843-00-00	PATARA OIL & GAS LLC	BULL HORN FED 9-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	9	30S-25E 30
43-037-31848-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 1
43-037-31849-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 2
43-037-31850-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 3
43-037-31853-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-6-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LOT6	5	30S-25E 4
43-037-31854-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-31-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	31	29S-25E 5
43-037-31855-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12-29-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 6
43-037-31856-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 7
43-037-31859-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 8
43-037-31860-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-42-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	14	30S-25E 9
43-037-31861-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-42-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	10	30S-25E 40
43-037-31864-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-31-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 1
43-037-31877-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 2

43-037-31878-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 3
43-037-31883-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24B-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 4
43-037-31884-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13B-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 5
43-037-31885-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 6
43-037-31891-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-13-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 7
43-037-31893-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 30-41-29-25	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSW	30	29S-25E 8
43-037-31897-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-10-30-25	Spudded (Drilling commenced: Not yet completed)	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LT10	5	30S-25E 9
43-037-31901-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-43-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSE	25	29S-24E 10
43-037-31902-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-41-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWSW	25	29S-24E 1
43-037-31903-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-31-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	25	29S-24E 2
43-037-31904-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-34-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NESW	26	29S-24E 3

43-037-31905-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-23-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWNE	26	29S-24E 4
43-037-31906-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-44-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESE	31	29S-25E 5
43-037-31907-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-33-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSE	31	29S-25E 4
43-037-31909-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-22-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENW	31	29S-25E 7
43-037-31910-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-11-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWNW	31	29S-25E 8
43-037-50008-00-00	PATARA OIL & GAS LLC	CISCO STATE 36-13	Temporarily-Abandoned	Gas Well	WILDCAT	SAN JUAN	NWNE	36	31S-24E 9
43-037-50010-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 4-20-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWNW	4	30S-25E 60
43-037-50012-00-00	PATARA OIL & GAS LLC	Lisbon 11-32MC	Returned APD (Unapproved)	Oil Well	UNDESIGNATED	SAN JUAN	SWNE	11	30S-24E 1
43-037-50013-00-00	PATARA OIL & GAS LLC	Lisbon 14-11MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 2
43-037-50014-00-00	PATARA OIL & GAS LLC	Lisbon 10-44MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 3

43-037-50015-00-00	PATARA OIL & GAS LLC	Lisbon 3-32MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E	4
43-037-50016-00-00	PATARA OIL & GAS LLC	Lisbon 11-33MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E	5
43-037-50017-00-00	PATARA OIL & GAS LLC	Lisbon 11-21MC	Approved permit (APD); not yet spudded	Gas Well	LISBON	SAN JUAN	NWSE	10	30S-24E	6
43-037-50018-00-00	PATARA OIL & GAS LLC	Lisbon 3-43MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	SESE	3	30S-24E	7
43-037-50019-00-00	PATARA OIL & GAS LLC	Lisbon 10-33MC	Spudded (Drilling commenced: Not yet completed)	Oil Well	LISBON	SAN JUAN	NWSE	10	30S-24E	8
43-037-50021-00-00	PATARA OIL & GAS LLC	Middle Mesa Fed 31-42-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESW	31	29S-25E	9
43-037-50026-00-00	PATARA OIL & GAS LLC	Middle Mesa Federal 5-8-30-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	5	30S-25E	10

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED
FEB 04 2013

CONFIDENTIAL
AMENDED REPORT FORM 8
(highlight changes)
5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU14903

WELL COMPLETION OR RECOMPLETION REPORT AND LOGGING

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____
b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:
Patara Oil & Gas LLC

3. ADDRESS OF OPERATOR: 600 17th St., Ste 1900S CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 563-5377

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2328 FSL 2177 FEL Sec. 10 T30S R24E
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1198 FSL 2265 FEL Sec. 10 T30S R24E
AT TOTAL DEPTH: 1043 FSL 2272 FEL Sec. 10 T30S R24E **BHL by DOGM HSM**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
Lisbon 10-33MC

9. API NUMBER:
4303750019

10 FIELD AND POOL, OR WILDCAT
Lisbon

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWSE 10 30S 24E S

12. COUNTY San Juan 13. STATE UTAH

14. DATE SPURRED: 10/28/2012 15. DATE T.D. REACHED: 11/11/2012 16. DATE COMPLETED: 1/9/2013 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
6,524 KB

18. TOTAL DEPTH: MD 9,359 TVD 9,162 19. PLUG BACK T.D.: MD 9,319 TVD 9125 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 1

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
TRIPLE COMBO, SONIC, CALIPER - COPIES WILL BE SUBMITTED TO DOGM VIA UPS

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20	16	Cond	0	78		G 20		0 - CIR	
12.25	9.625 J-55	36	0	1,813		Type III 602		0 - CIR	
8.75	5.5 L-80	20	0	9,350		Type III 1,019		1500 - CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) McCracken	8,815	8,916		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
8,815 8,916	.34	84	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8815 - 8916	Frac treated with 147,114lbs Super LC 20/40 sand and CO2 foam.

29. ENCLOSED ATTACHMENTS:
 ELECTRICAL/MECHANICAL LOGS
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
 GEOLOGIC REPORT
 CORE ANALYSIS
 DST REPORT
 OTHER: _____
 DIRECTIONAL SURVEY

30. WELL STATUS:
Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/23/2013	TEST DATE: 1/23/2013	HOURS TESTED: 10	TEST PRODUCTION RATES: →	OIL – BBL: 38	GAS – MCF: 70	WATER – BBL: 57	PROD. METHOD: Swab
CHOKE SIZE: Open	TBG. PRESS.	CSG. PRESS. 600	API GRAVITY	BTU – GAS	GAS/OIL RATIO 2	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Open

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Flared/Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

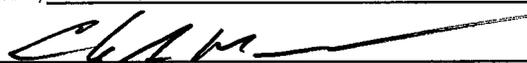
34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
McCracken	8,815	8,916		McCracken	8,800

35. ADDITIONAL REMARKS (Include plugging procedure)

Conductor and Surface tops measured by returns to surface. Production tops measured by CBL. This well may be put on rod pump in the near future to increase oil flow. Please contact Christopher Noonan with Patara, with any questions or concerns. Thank you.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Christopher A. Noonan TITLE Production Supervisor
 SIGNATURE  DATE 1/31/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801



A Schlumberger Company

Job Number: 12CAS0163
 Company: Patara Oil & Gas
 Lease/Well: Lisbon 10-33 MC
 Location: Sec. 10-T30S-R24E
 Rig Name: Les Wilson 30
 RKB: 16'
 G.L. or M.S.L.: 6505'

State/Country: Utah, USA
 Declination: 10.55
 Grid: True North
 File name: C:\WINSERVE\LISBON.SVY
 Date/Time: 11-Nov-12 / 05:00
 Curve Name: C:\WINSERVE\LISBON 10-33

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 184.85
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100	Course Length FT
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
1813.00	1.41	62.76	1812.82	10.21	19.83	-11.85	22.31	62.76	.08	1813.00
2129.00	1.71	57.75	2128.70	14.51	27.28	-16.76	30.89	62.00	.10	316.00
2447.00	2.99	57.66	2446.43	21.47	38.30	-24.64	43.91	60.72	.40	318.00
2760.00	3.91	54.85	2758.86	31.99	53.92	-36.43	62.69	59.32	.30	313.00
3074.00	4.70	52.87	3071.97	45.91	72.93	-51.92	86.18	57.81	.26	314.00
3137.00	4.48	51.24	3134.76	49.01	76.91	-55.34	91.20	57.49	.41	63.00
3199.00	4.39	55.86	3196.58	51.86	80.76	-58.50	95.98	57.29	.59	62.00
3262.00	3.78	56.65	3259.42	54.36	84.49	-61.30	100.46	57.25	.97	63.00
3324.00	3.38	64.56	3321.30	56.26	87.85	-63.49	104.32	57.36	1.02	62.00
3387.00	3.30	68.34	3384.19	57.73	91.21	-65.24	107.95	57.67	.37	63.00
3449.00	2.90	72.16	3446.10	58.87	94.36	-66.64	111.22	58.04	.73	62.00
3513.00	2.59	76.95	3510.03	59.69	97.31	-67.71	114.16	58.47	.60	64.00
3574.00	2.42	91.85	3570.97	59.96	99.94	-68.20	116.55	59.04	1.10	61.00
3637.00	2.90	84.16	3633.90	60.08	102.86	-68.56	119.12	59.71	.95	63.00
3699.00	2.50	84.47	3695.83	60.37	105.76	-69.10	121.78	60.28	.65	62.00
3763.00	2.02	80.64	3759.78	60.69	108.26	-69.63	124.11	60.73	.79	64.00
3824.00	1.71	98.26	3820.75	60.73	110.23	-69.84	125.85	61.15	1.06	61.00
3887.00	1.49	106.04	3883.73	60.37	111.94	-69.62	127.19	61.66	.49	63.00
3950.00	1.10	104.64	3946.71	59.99	113.32	-69.36	128.22	62.10	.62	63.00
4012.00	1.19	118.35	4008.70	59.54	114.46	-69.00	129.02	62.52	.46	62.00
4076.00	1.41	115.27	4072.68	58.89	115.75	-68.46	129.87	63.04	.36	64.00
4139.00	1.49	136.15	4135.66	57.96	117.02	-67.65	130.59	63.65	.84	63.00
4200.00	1.71	161.46	4196.64	56.53	117.86	-66.29	130.72	64.38	1.20	61.00
4262.00	2.29	166.34	4258.60	54.45	118.45	-64.27	130.36	65.31	.97	62.00
4324.00	2.68	170.73	4320.54	51.81	118.97	-61.69	129.77	66.47	.70	62.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100	Course Length FT
							Distance FT	Direction Deg		
4386.00	3.52	174.86	4382.45	48.49	119.38	-58.41	128.85	67.89	1.40	62.00
4448.00	5.41	178.86	4444.26	43.67	119.61	-53.63	127.33	69.94	3.09	62.00
4511.00	6.59	185.63	4506.91	37.10	119.31	-47.06	124.95	72.73	2.18	63.00
4573.00	7.51	187.65	4568.45	29.55	118.42	-39.45	122.05	75.99	1.54	62.00
4636.00	8.39	190.15	4630.84	20.94	117.07	-30.76	118.92	79.86	1.50	63.00
4700.00	9.80	190.46	4694.03	10.99	115.25	-20.69	115.78	84.55	2.20	64.00
4761.00	11.91	192.66	4753.94	-.26	112.93	-9.29	112.93	90.13	3.52	61.00
4825.00	13.71	195.56	4816.34	-14.01	109.45	4.71	110.34	97.29	2.99	64.00
4888.00	15.51	194.86	4877.30	-29.35	105.29	20.34	109.30	105.57	2.87	63.00
4950.00	16.70	190.86	4936.87	-46.11	101.48	37.36	111.46	114.43	2.62	62.00
5012.00	17.09	192.44	4996.20	-63.75	97.84	55.25	116.78	123.09	.97	62.00
5076.00	17.71	193.54	5057.27	-82.40	93.54	74.20	124.65	131.38	1.10	64.00
5139.00	18.11	192.75	5117.21	-101.27	89.13	93.37	134.90	138.65	.74	63.00
5201.00	18.02	190.07	5176.16	-120.11	85.33	112.46	147.33	144.61	1.35	62.00
5265.00	18.28	188.97	5236.98	-139.77	82.03	132.33	162.06	149.59	.67	64.00
5328.00	17.80	190.33	5296.88	-159.00	78.76	151.77	177.44	153.65	1.01	63.00
5391.00	17.89	191.74	5356.85	-177.95	75.07	170.96	193.13	157.13	.70	63.00
5454.00	17.89	192.26	5416.80	-196.88	71.05	190.17	209.30	160.16	.25	63.00
5517.00	17.80	191.03	5476.77	-215.79	67.15	209.34	225.99	162.71	.62	63.00
5580.00	17.71	192.84	5536.77	-234.58	63.18	228.40	242.94	164.93	.89	63.00
5642.00	17.09	196.83	5595.93	-252.50	58.44	246.65	259.17	166.97	2.17	62.00
5704.00	16.39	194.15	5655.31	-269.70	53.67	264.19	274.99	168.75	1.68	62.00
5767.00	16.92	188.66	5715.67	-287.38	50.11	282.11	291.72	170.11	2.63	63.00
5829.00	17.80	190.15	5774.84	-305.63	47.08	300.55	309.23	171.24	1.59	62.00
5892.00	17.80	190.95	5834.83	-324.56	43.56	319.72	327.47	172.36	.39	63.00
5955.00	16.79	189.54	5894.98	-342.99	40.22	338.36	345.34	173.31	1.74	63.00
6017.00	17.18	190.55	5954.28	-360.82	37.06	356.40	362.72	174.14	.79	62.00
6079.00	17.09	189.06	6013.52	-378.82	33.95	374.59	380.34	174.88	.72	62.00
6141.00	17.31	188.66	6072.75	-396.94	31.13	392.88	398.15	175.52	.40	62.00
6204.00	17.40	190.55	6132.88	-415.46	27.99	411.61	416.40	176.15	.91	63.00
6268.00	17.49	191.43	6193.94	-434.30	24.33	430.68	434.98	176.79	.44	64.00
6362.00	17.40	190.15	6283.62	-461.98	19.06	458.71	462.37	177.64	.42	94.00
6424.00	17.09	190.07	6342.83	-480.07	15.83	477.01	480.33	178.11	.50	62.00
6487.00	15.60	190.07	6403.28	-497.53	12.73	494.67	497.69	178.53	2.37	63.00
6549.00	16.08	189.45	6462.93	-514.21	9.86	511.53	514.30	178.90	.82	62.00
6613.00	16.39	188.35	6524.37	-531.88	7.10	529.38	531.93	179.24	.68	64.00
6675.00	16.70	190.15	6583.81	-549.31	4.26	546.98	549.32	179.56	.97	62.00
6737.00	16.79	190.95	6643.18	-566.87	.98	564.75	566.87	179.90	.40	62.00
6833.00	16.70	191.65	6735.11	-593.99	-4.43	592.24	594.01	180.43	.23	96.00
6896.00	15.38	191.34	6795.65	-611.05	-7.91	609.53	611.10	180.74	2.10	63.00
6959.00	14.81	192.75	6856.48	-627.09	-11.33	625.80	627.19	181.03	1.08	63.00
7022.00	14.99	195.47	6917.36	-642.80	-15.28	641.79	642.98	181.36	1.15	63.00
7084.00	14.99	194.55	6977.25	-658.29	-19.43	657.57	658.57	181.69	.38	62.00
7148.00	15.29	190.64	7039.03	-674.59	-23.07	674.13	674.99	181.96	1.66	64.00
7212.00	15.51	189.45	7100.74	-691.33	-26.03	691.05	691.82	182.16	.60	64.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100	Course Length FT
							Distance FT	Direction Deg		
7273.00	16.00	189.14	7159.44	-707.67	-28.70	707.56	708.25	182.32	.82	61.00
7336.00	16.08	189.93	7219.99	-724.84	-31.59	724.91	725.53	182.50	.37	63.00
7399.00	15.82	191.25	7280.57	-741.85	-34.77	742.14	742.67	182.68	.71	63.00
7461.00	15.51	190.07	7340.26	-758.30	-37.87	758.79	759.25	182.86	.72	62.00
7524.00	15.91	191.25	7400.91	-775.07	-41.02	775.76	776.15	183.03	.81	63.00
7587.00	15.91	191.34	7461.50	-792.00	-44.41	792.92	793.25	183.21	.04	63.00
7650.00	16.00	191.96	7522.07	-808.96	-47.90	810.12	810.38	183.39	.31	63.00
7713.00	16.30	191.96	7582.58	-826.11	-51.53	827.51	827.71	183.57	.48	63.00
7773.00	16.61	191.03	7640.13	-842.76	-54.92	844.39	844.55	183.73	.68	60.00
7835.00	15.51	189.54	7699.71	-859.63	-57.99	861.46	861.59	183.86	1.89	62.00
7898.00	14.72	187.34	7760.53	-875.88	-60.41	877.85	877.96	183.95	1.55	63.00
7961.00	14.50	186.33	7821.49	-891.66	-62.30	893.73	893.83	184.00	.53	63.00
8024.00	13.80	180.66	7882.58	-907.01	-63.26	909.11	909.21	183.99	2.46	63.00
8087.00	14.11	181.76	7943.72	-922.20	-63.58	924.27	924.39	183.94	.65	63.00
8149.00	15.38	184.53	8003.68	-937.95	-64.46	940.04	940.16	183.93	2.34	62.00
8211.00	16.08	188.13	8063.36	-954.65	-66.32	956.84	956.95	183.97	1.94	62.00
8273.00	16.39	189.14	8122.89	-971.78	-68.93	974.13	974.23	184.06	.68	62.00
8336.00	17.09	188.84	8183.22	-989.71	-71.76	992.23	992.30	184.15	1.12	63.00
8398.00	17.49	189.06	8242.41	-1007.91	-74.63	1010.61	1010.67	184.23	.65	62.00
8461.00	17.01	189.54	8302.58	-1026.35	-77.65	1029.24	1029.28	184.33	.79	63.00
8525.00	16.61	187.65	8363.85	-1044.64	-80.42	1047.70	1047.73	184.40	1.06	64.00
8588.00	16.92	186.16	8424.17	-1062.68	-82.60	1065.86	1065.89	184.44	.84	63.00
8651.00	16.00	185.45	8484.59	-1080.44	-84.41	1083.71	1083.73	184.47	1.49	63.00
8713.00	15.29	183.65	8544.29	-1097.11	-85.74	1100.43	1100.45	184.47	1.39	62.00
8776.00	15.38	183.43	8605.05	-1113.74	-86.77	1117.08	1117.11	184.45	.17	63.00
8838.00	15.91	182.95	8664.75	-1130.43	-87.70	1133.80	1133.83	184.44	.88	62.00
8907.00	16.22	184.13	8731.05	-1149.49	-88.88	1152.88	1152.92	184.42	.65	69.00
8969.00	15.91	183.74	8790.63	-1166.60	-90.06	1170.04	1170.07	184.41	.53	62.00
9032.00	17.01	183.34	8851.05	-1184.42	-91.16	1187.88	1187.92	184.40	1.76	63.00
9095.00	17.49	182.86	8911.22	-1203.07	-92.17	1206.56	1206.60	184.38	.79	63.00
9156.00	17.80	182.24	8969.35	-1221.55	-92.99	1225.03	1225.08	184.35	.59	61.00
9219.00	18.02	181.54	9029.29	-1240.91	-93.63	1244.38	1244.44	184.31	.49	63.00
9283.00	18.28	182.16	9090.11	-1260.83	-94.27	1264.29	1264.35	184.28	.51	64.00
9312.00	18.28	181.85	9117.64	-1269.92	-94.59	1273.37	1273.44	184.26	.34	29.00
Straightline projection to Bit										
9359.00	18.28	181.85	9162.27	-1284.66	-95.06	1288.10	1288.17	184.23	.00	47.00

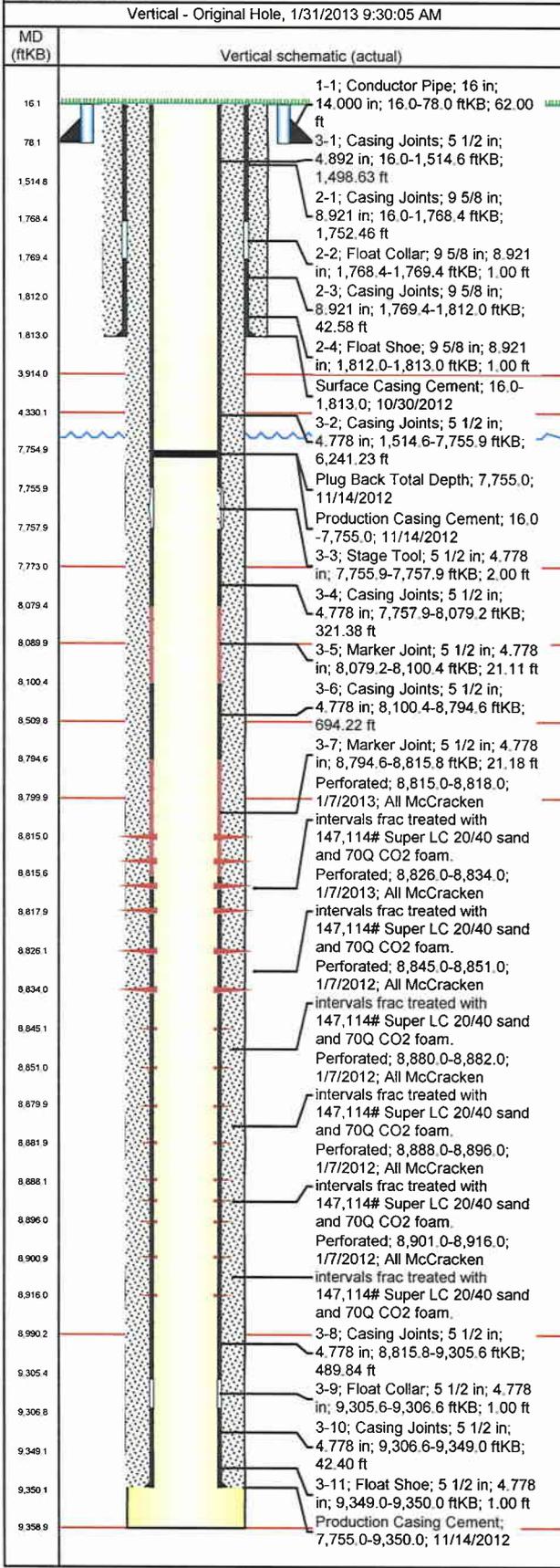


Downhole Well Profile - Well Completion Report

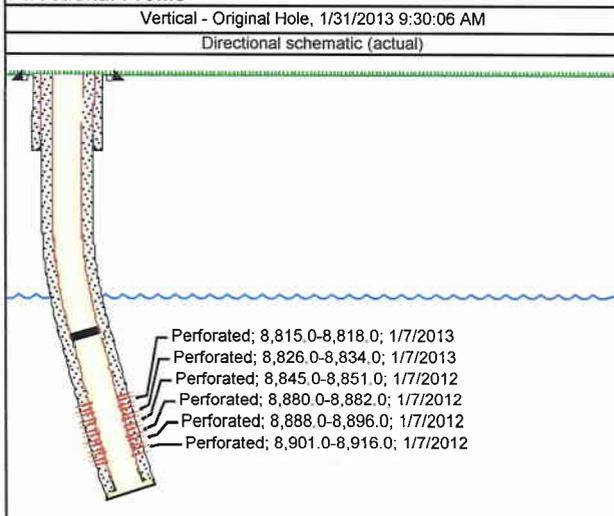
Well Name: Lisbon 10-33

APUJWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Lease UTU14903	Field Name Lisbon	State/Province Utah	Well Configuration Type Vertical
Original KB Elevation (ft) 6,524.00	KB-Ground Distance (ft) 16.00	Spud Date 10/28/2012 21:00	Rig Release Date 11/15/2012 19:00	PBTD (All) (ftKB) Original Hole - 7,755.0	Total Depth All (TVD) (ftKB) Original Hole - 9,162.3

Wellbore Profile



Directional Profile



Wellbore Drilling Summary

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	End Date	Act Top (TVD) (ftKB)	Act Btm (TVD) (ftKB)
Conductor	16	16.0	78.0	10/11/2012	10/12/2012	16.0	78.0
Surface	12 1/4	16.0	1,813.0	10/28/2012	10/30/2012	16.0	1,812.8
Production	8 3/4	1,813.0	9,359.0	11/1/2012	11/11/2012	1,812.8	9,162.3

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)	Set Depth (TVD) (ftKB)
Conductor	16	0.25	Cond	78.0	
Surface	9 5/8	36.00	J-55	1,813.0	
Production	5 1/2	20.00	L-80	9,350.0	9,153.7

Cement

Surface Casing Cement, Casing, 10/30/2012 21:31

Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft ³ /sack)	Dens (lb/gal)
Preflush	0.0	0.0	0.0	0.0	G			8.60
Lead	16.0	1,130.0	16.0	1,130.0	G	435	2.09	12.10
Tail	1,130.0	2,422.0	1,130.0	2,421.5	G	167	1.47	14.20
Displacement	0.0	1,813.0	0.0	1,812.8	G			8.60

Production Casing Cement, Casing, 11/14/2012 08:00

Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft ³ /sack)	Dens (lb/gal)
Preflush	0.0	0.0	0.0	0.0				
Preflush	0.0	0.0	0.0	0.0				
Preflush	0.0	0.0	0.0	0.0				
Tail	7,755.0	9,350.0	7,622.9	9,153.7	G	185	2.55	
Displacement	7,755.0	9,305.0	7,622.9	9,111.0				
Preflush								
Preflush								
Preflush								
Tail	16.0	7,755.0	16.0	7,622.9	G	828	2.55	
Displacement	16.0	7,755.0	16.0	7,622.9				

Tested Zones (Inter-formation designations for Patara G&G in-house use only)

Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)
McCracken	Original Hole	8,815.0	8,916.0	101.0

Status Date: Status: Pumping - Rod Fluid Type: Oil

Perforation & Frac Summary

Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...
1/7/2013	8,815.0	8,818.0	McCracken, Original Hole	2.0	7
Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					
1/7/2013	8,826.0	8,834.0	McCracken, Original Hole	2.0	17
Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					
1/7/2012	8,845.0	8,851.0	McCracken, Original Hole	2.0	13
Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					
1/7/2012	8,880.0	8,882.0	McCracken, Original Hole	2.0	5
Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					
1/7/2012	8,888.0	8,896.0	McCracken, Original Hole	2.0	17
Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					
1/7/2012	8,901.0	8,916.0	McCracken, Original Hole	2.0	31
Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					

Tubing Strings

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Rod Strings

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	Run Date	Comment

Production Volumes Test Date (If zone is blank; commingled)

Zone: McCracken, Original Ho Start Date: 1/23/2013 End Date: 1/24/2013

Gas Volume Over Test Date

Zone Name: McCracken Product Type: Reservoir Gas Volume (MCF): 137.000

Liquid Volumes Over Test Date

Zone Name: McCracken Production Type: Oil Volume (bbl): 91.0
Zone Name: McCracken Production Type: Water Volume (bbl): 168.0

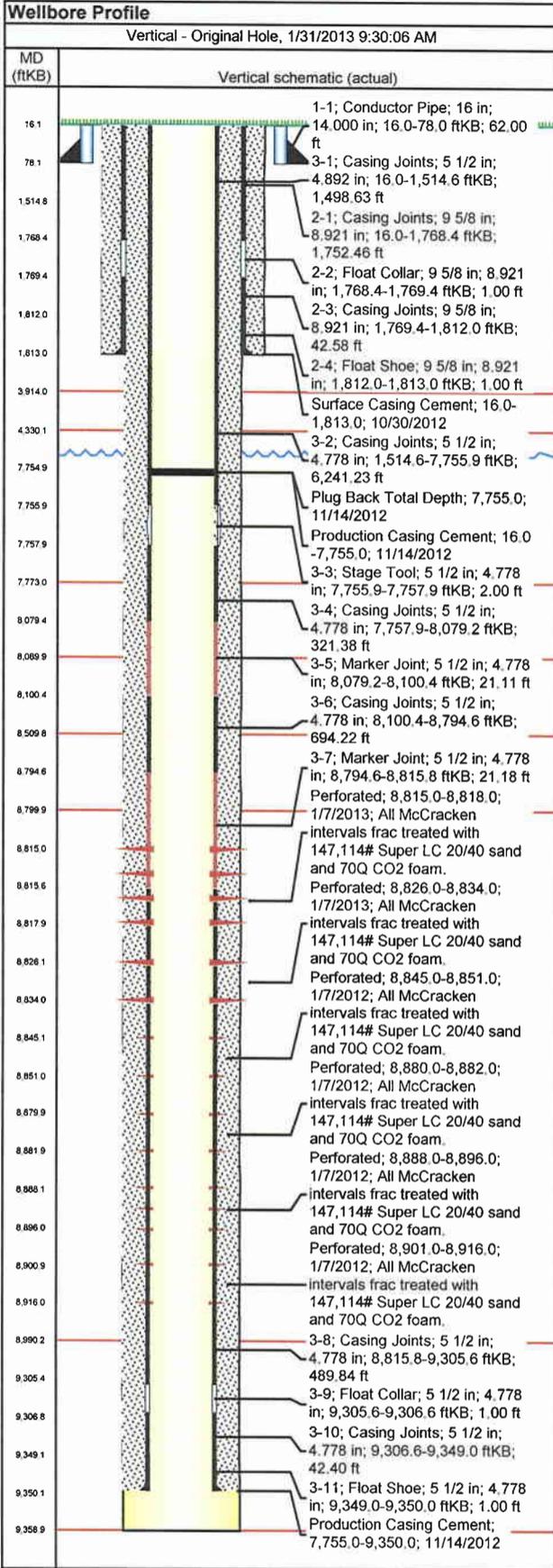
API Gas Gravity

Comment:



Well Name: Lisbon 10-33

API/UWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Lease UTU14903	Field Name Lisbon	State/Province Utah	Well Configuration Type Vertical
Original KB Elevation (ft) 6,524.00	KB-Ground Distance (ft) 16.00	Spud Date 10/28/2012 21:00	Rig Release Date 11/15/2012 19:00	PBTD (All) (ftKB) Original Hole - 7,755.0	Total Depth All (TVD) (ftKB) Original Hole - 9,162.3

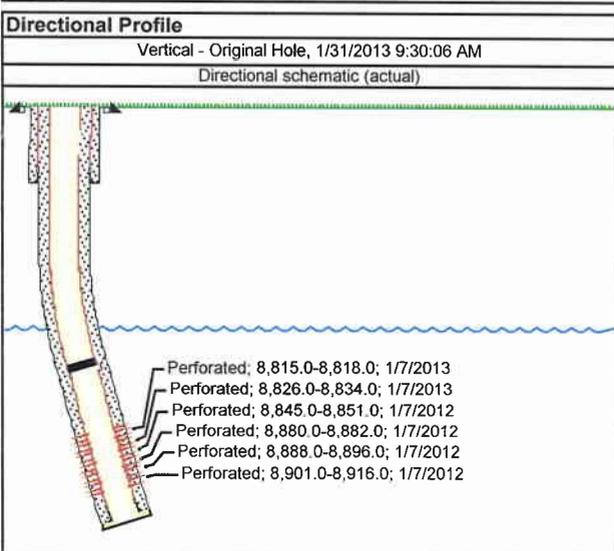


API Oil Gravity

Comment:

Date of First Sales

On Production Date: 1/23/2013



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Lisbon 10-33MC
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037500190000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: LISBON COUNTY: SAN JUAN STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/8/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CCI intends to fracture stimulate the existing McCracken zone in a effort to establish a higher rate of flow from the formation. Fracture stimulate following perforations: 8815 - 8818 8826 - 8834 8845 - 8851 8880 - 8882 8888 - 8896 8901 - 8916 with 150,001 gal 70Q N2 foam and 207,500 lbs 20/40 brown sand. A completion report will be sent after operations have been concluded. Thank you.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**

Date: July 03, 2013

By: Dark Quist

NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Regulations Supervisor
SIGNATURE N/A	DATE 6/21/2013	

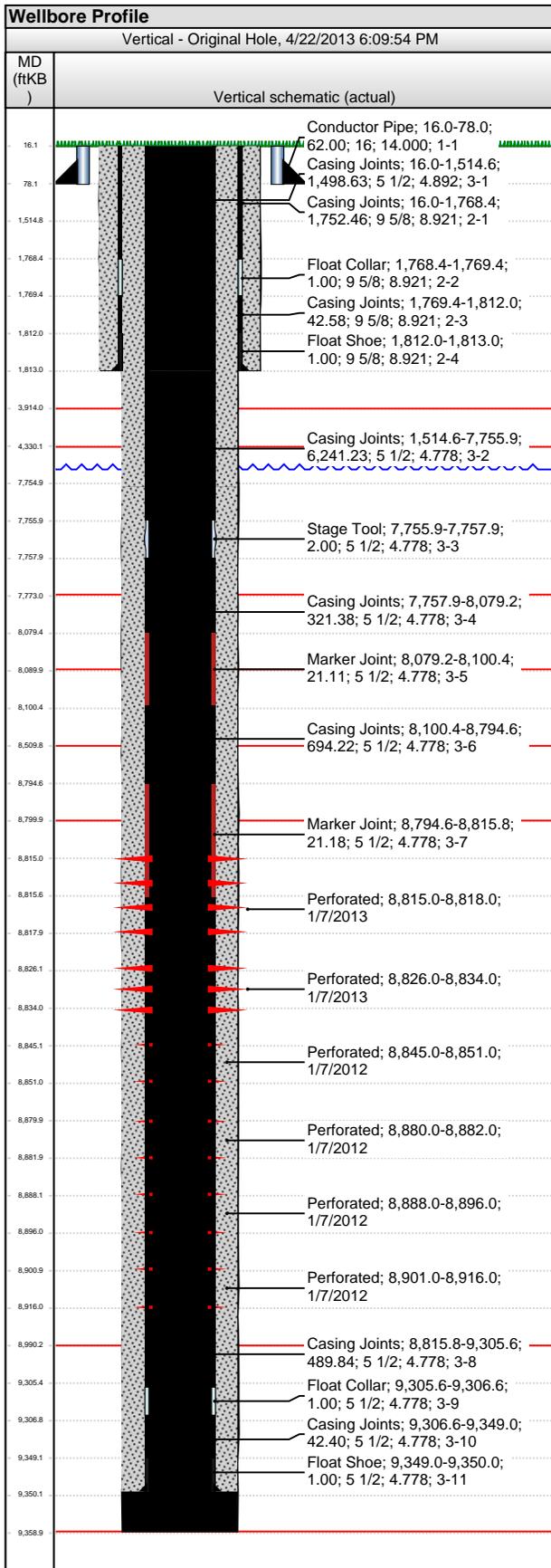


Patara Oil & Gas LLC
600 17th Street, Suite 1900S
Denver, CO 80202

Downhole Well Profile - Well Completion Report

Well Name: Lisbon 10-33

API/UWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Lease UTU14903	Field Name Lisbon	State/Province Utah	Well Configuration Type Vertical
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Wellbore Drilling Summary

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Production	5 1/2	20.00	L-80	9,350.0	9,153.7

Cement

Surface Casing Cement, Casing, 10/30/2012 21:31

Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft³/sack)	Dens (lb/gal)
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Lead	16.0	1,130.0	16.0	1,130.0	G	435	2.09	12.10
Tail	1,130.0	2,422.0	1,130.0	2,421.5	G	167	1.47	14.20
Displacement	0.0	1,813.0	0.0	1,812.8	G			8.60

Production Casing Cement, Casing, 11/14/2012 08:00

Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft³/sack)	Dens (lb/gal)
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Preflush	0.0	0.0	0.0	0.0				
Tail	7,755.0	9,350.0	7,622.9	9,153.7	G	185	2.55	
Displacement	7,755.0	9,305.0	7,622.9	9,111.0				
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Tested Zones (Inter-formation designations for Patara G&G in-house use only)

Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)
McCracken	Original Hole	8,815.0	8,916.0	101.0

Status Date: **Status:** Pumping - Rod **Fluid Type:** Oil

Perforation & Frac Summary

Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...
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Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.					

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	Run Date	Comment

Production Volumes Test Date (If zone is blank; commingled)

Zone: McCracken, Original Ho **Start Date:** 1/23/2013 **End Date:** 1/24/2013

Gas Volume Over Test Date

Zone Name: McCracken **Product Type:** Reservoir Gas **Volume (MCF):** 137.000

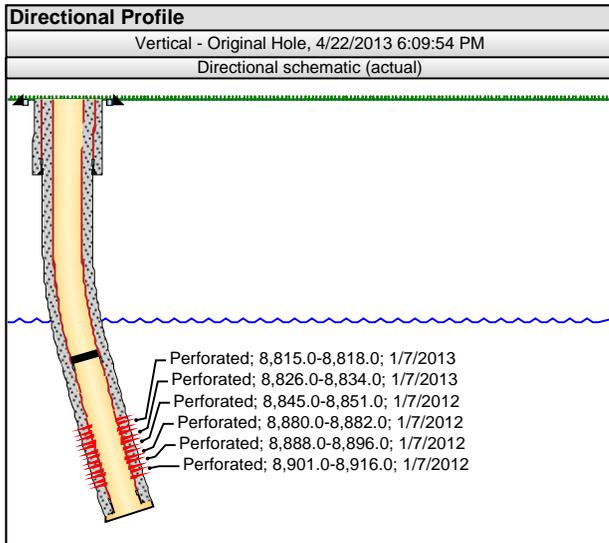
Liquid Volumes Over Test Date

Zone Name: McCracken **Production Type:** Oil **Volume (bbl):** 91.0

Zone Name: McCracken **Production Type:** Water **Volume (bbl):** 168.0

API Gas Gravity

Comment:



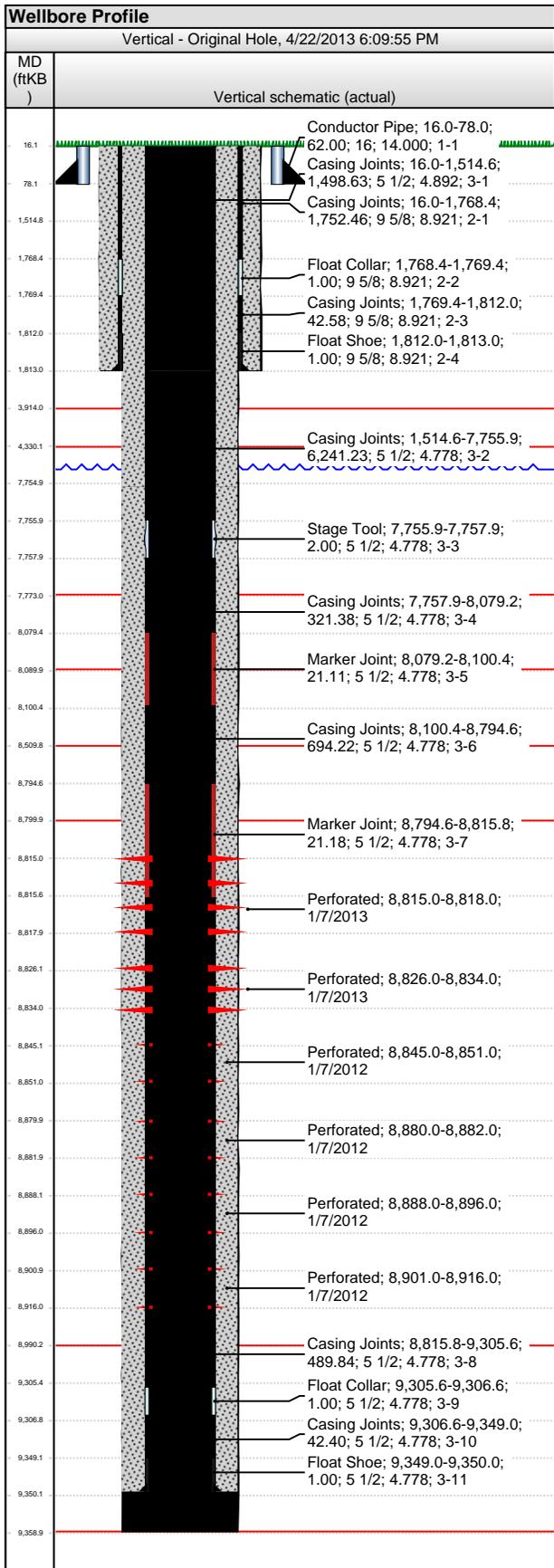


Patara Oil & Gas LLC
 600 17th Street, Suite 1900S
 Denver, CO 80202

Downhole Well Profile - Well Completion Report

Well Name: Lisbon 10-33

API/UWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Lease UTU14903	Field Name Lisbon	State/Province Utah	Well Configuration Type Vertical
Original KB Elevation (ft) 6,524.00	KB-Ground Distance (ft) 16.00	Spud Date 10/28/2012 21:00	Rig Release Date 11/15/2012 19:00	PBTD (All) (ftKB) Original Hole - 7,755.0	Total Depth All (TVD) (ftKB) Original Hole - 9,162.3

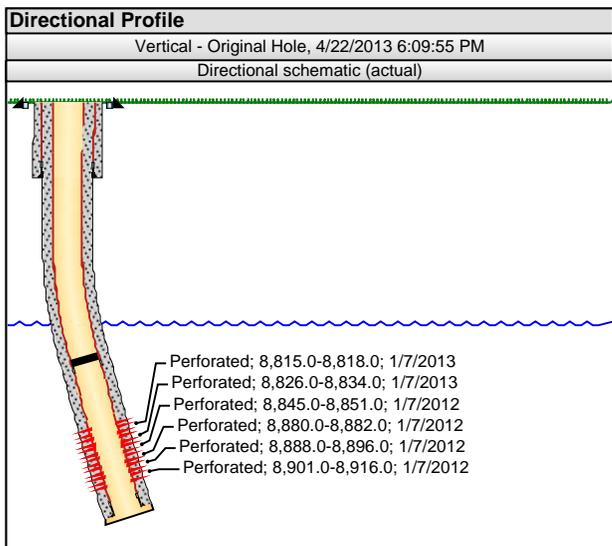


API Oil Gravity

Comment:

Date of First Sales

On Production Date: 1/23/2013



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU14903
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: LISBON (MCCRACKEN)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: Lisbon 10-33MC
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		9. API NUMBER: 43037500190000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext	9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2328 FSL 2177 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/15/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Recompletion attempt to increase production from well after initial completion was determined to be a failure. Planned frac on existing intervals, injecting 207,500lbs of 20/40 sand via 70Q N2 foam. Pump trucks failed due to high ambient temperature on day of frac, only able to put away 58% of planned proppant before well screened off. No oil or gas shows during initial flowback. Anticipate a slow return to previous rates of 15 Bopd and 10 Mcf/d on gas lift. Please contact Christopher Noonan with any questions or concerns. Thank you.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>September 26, 2013</p>
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Regulations Supervisor
SIGNATURE N/A		DATE 8/28/2013

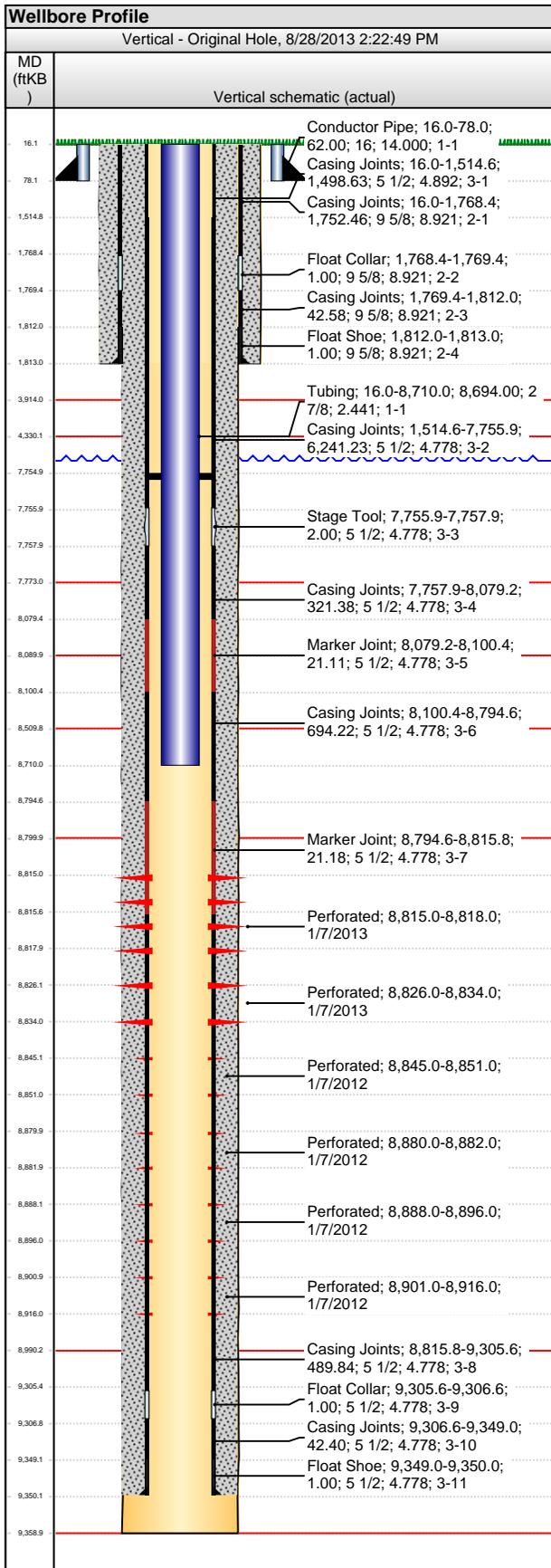


CCI Paradox Upstream LLC
600 17th Street, Suite 1900S
Denver, CO 80202

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Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft³/sack)	Dens (lb/gal)
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Lead	16.0	1,130.0	16.0	1,130.0	G	435	2.09	12.10
Tail	1,130.0	2,422.0	1,130.0	2,421.5	G	167	1.47	14.20
Displacement	0.0	1,813.0	0.0	1,812.8	G			8.60

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Tail	7,755.0	9,350.0	7,622.9	9,153.7	G	185	2.55	
Displacement	7,755.0	9,305.0	7,622.9	9,111.0				
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Tail	16.0	7,755.0	16.0	7,622.9	G	828	2.55	
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Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)
McCracken	Original Hole	8,815.0	8,916.0	101.0

Status Date: Status: Pumping - Rod Fluid Type: Oil

Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...
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Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.

Recompletion 7/16/2013: Treated with 118,000# 20/40 sand and 70Q N2 foam

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1/7/2012	8,880.0	8,882.0	McCracken, Original Hole	2.0	5

Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.

Recompletion 7/16/2013: Treated with 118,000# 20/40 sand and 70Q N2 foam

Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...
1/7/2012	8,888.0	8,896.0	McCracken, Original Hole	2.0	17

Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.

Recompletion 7/16/2013: Treated with 118,000# 20/40 sand and 70Q N2 foam

Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...
1/7/2012	8,901.0	8,916.0	McCracken, Original Hole	2.0	31

Comment: All McCracken intervals frac treated with 147,114# Super LC 20/40 sand and 70Q CO2 foam.

Recompletion 7/16/2013: Treated with 118,000# 20/40 sand and 70Q N2 foam

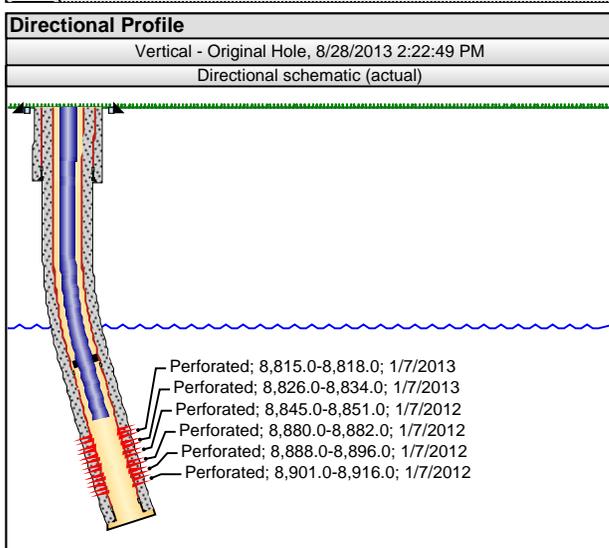
Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing	7/16/2013	8,694.00	8,710.0

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing			T&C Upset	2 7/8	6.50	J-55	8,694.00

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Description	Top (ftKB)	Btm (ftKB)	Run Date	Comment



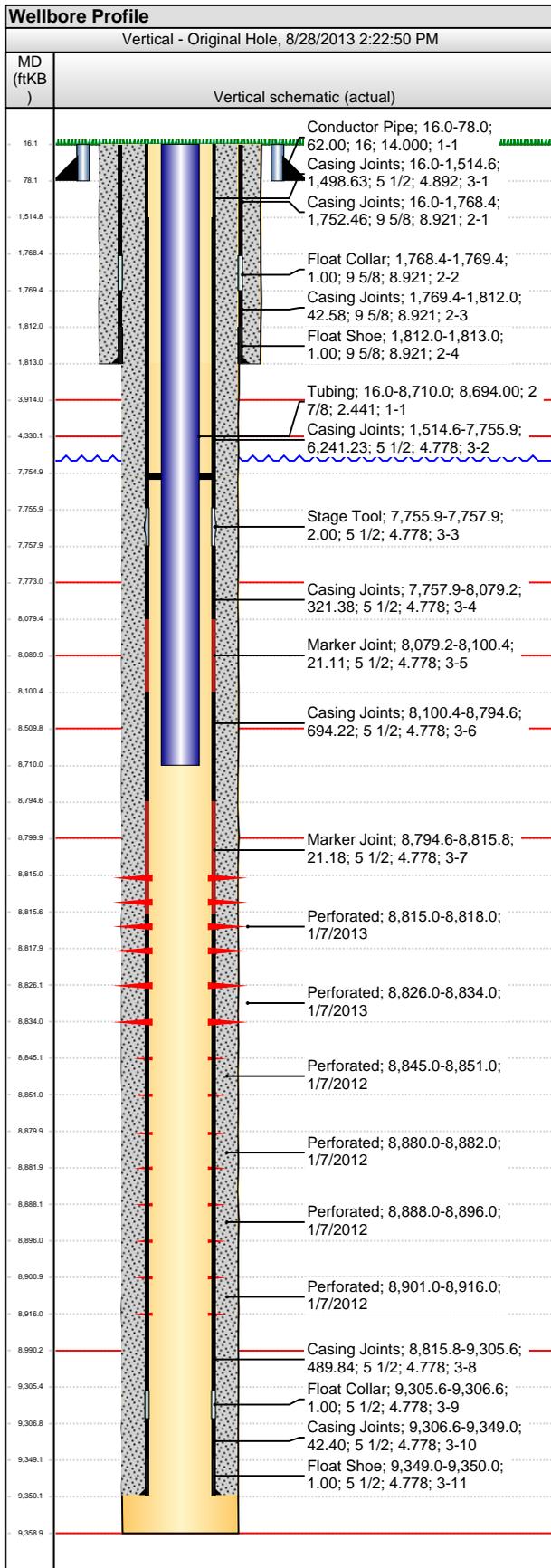


CCI Paradox Upstream LLC
 600 17th Street, Suite 1900S
 Denver, CO 80202

Downhole Well Profile - Well Completion Report

Well Name: Lisbon 10-33

API/UWI 43-037-50019-00	Surface Legal Location NWSE Sec. 10 T30S R24E	Lease UTU14903	Field Name Lisbon	State/Province Utah	Well Configuration Type Vertical
Original KB Elevation (ft) 6,524.00	KB-Ground Distance (ft) 16.00	Spud Date 10/28/2012 21:00	Rig Release Date 11/15/2012 19:00	PBTD (All) (ftKB) Original Hole - 7,755.0	Total Depth All (TVD) (ftKB) Original Hole - 9,162.3



Production Volumes Test Date (If zone is blank; commingled)

Zone: McCracken, Original Ho	Start Date: 1/23/2013	End Date: 1/24/2013
Gas Volume Over Test Date		
Zone Name: McCracken	Product Type: Reservoir Gas	Volume (MCF): 137.000
Liquid Volumes Over Test Date		
Zone Name: McCracken	Production Type: Oil	Volume (bbl): 91.0
Zone Name: McCracken	Production Type: Water	Volume (bbl): 168.0
Zone: McCracken, Original Ho	Start Date: 7/16/2013	End Date: 7/17/2013
Gas Volume Over Test Date		
Zone Name: McCracken	Product Type: Reservoir Gas	Volume (MCF): 0.000
Liquid Volumes Over Test Date		
Zone Name: McCracken	Production Type: Oil	Volume (bbl): 0.0
Zone Name: McCracken	Production Type: Water	Volume (bbl): 150.0
API Gas Gravity		
Comment:		
API Oil Gravity		
Comment:		
Date of First Sales		
On Production Date: 1/23/2013		

