

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 Unca Sam 7-16-3-3W					
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 NORTH MYTON BENCH					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825					
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6051			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" 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') Togavaris Unca Sam - Ute			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		1997 FNL 1981 FEL		SWNE	16	3.0 S	3.0 W	U			
Top of Uppermost Producing Zone		1997 FNL 1981 FEL		SWNE	16	3.0 S	3.0 W	U			
At Total Depth		1997 FNL 1981 FEL		SWNE	16	3.0 S	3.0 W	U			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 666			23. NUMBER OF ACRES IN DRILLING UNIT 40					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1920			26. PROPOSED DEPTH MD: 11200 TVD: 11200					
27. ELEVATION - GROUND LEVEL 5363			28. BOND NUMBER WYB000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Cond	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8	
Surf	12.25	9.625	0 - 1000	36.0	J-55 LT&C	8.3	Premium Lite High Strength	51	3.53	11.0	
							Class G	154	1.17	15.8	
I1	8.75	7	0 - 8429	26.0	P-110 LT&C	9.5	Halliburton Premium , Type Unknown	270	3.53	12.0	
							50/50 Poz	256	1.29	14.0	
Prod	6.125	4.5	8229 - 11200	11.6	P-110 LT&C	11.5	50/50 Poz	139	2.31	14.0	
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 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 Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018			
SIGNATURE				DATE 06/03/2013				EMAIL starpoint@etv.net			
API NUMBER ASSIGNED 43013522170000				APPROVAL  Permit Manager							

Newfield Production Company
Unca Sam 7-16-3-3W
SW/NE Section 16, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,630'
Garden Gulch member	6,520'
Wasatch	9,050'
TD	11,200'

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	706'	(water)
Green River	6,520' - 9,050'	(oil)
Wasatch	9,050' - TD	(oil)

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod 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 for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	1,000'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
Intermediate 7	0'	8,429'	26	P-110	LTC	9	9.5	15	6.27	6.35	12.58
Production 4 1/2	8,229'	11,200'	11.6	P-110	LTC	11	11.5	--	9,960	6,210	693,000
									2.50	1.87	3.16
									10,690	7,560	279,000
									2.02	1.36	2.15

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	500'	Premium Lite II w/ 3% KCl + 10% bentonite	180	15%	11.0	3.53
				51			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Intermediate Lead	8 3/4	5,520'	HLC Premium - 65% Class G / 35% Poz + 10% Bentonite	954	15%	12.0	3.53
				270			
Intermediate Tail	8 3/4	1,909'	50/50 Poz/Class G + 1% bentonite	330	15%	14.0	1.29
				256			
Production Tail	6 1/8	2,971'	50/50 Poz/Class G + 1% bentonite	322	15%	14.0	2.31
				139			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate and production casing strings will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval

Description

Surface - 1,000'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

1,000' - TD

One of two possible mud systems may be used depending on offset well performance on ongoing wells:
A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system

will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

$$11,200' \times 0.57 \text{ psi/ft} = 6406 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

This is planned as a vertical well.

Newfield requests the following variances from Onshore Order #2:

- Variance from Onshore Order #2, III.E.1

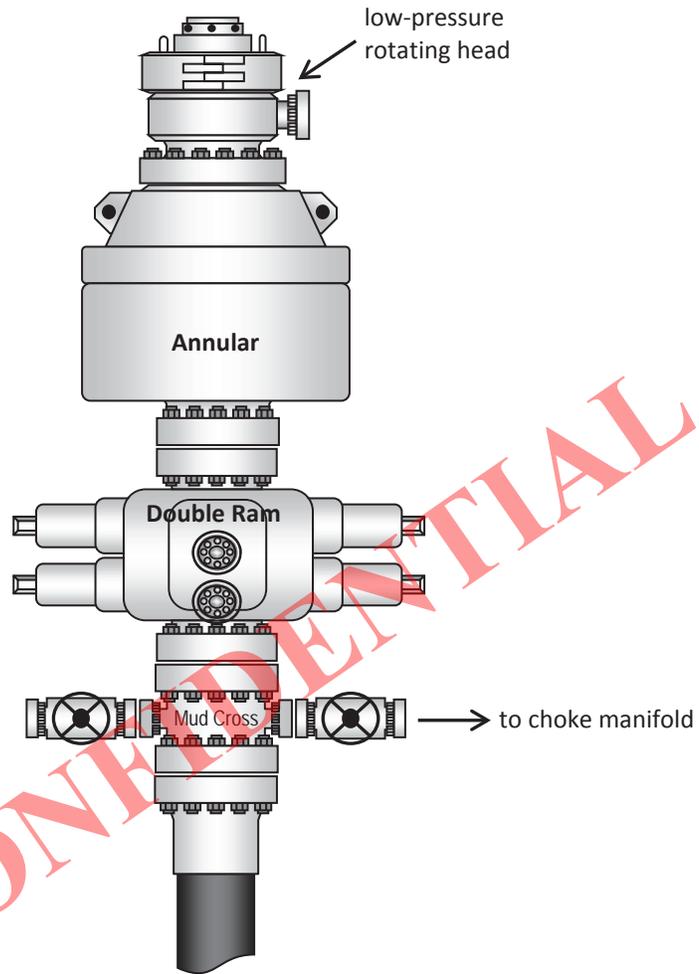
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings

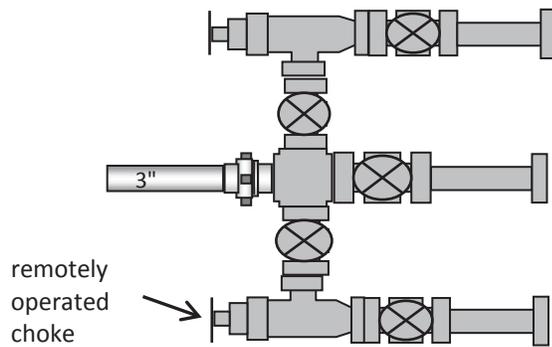
will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

CONFIDENTIAL

Typical 5M BOP stack configuration

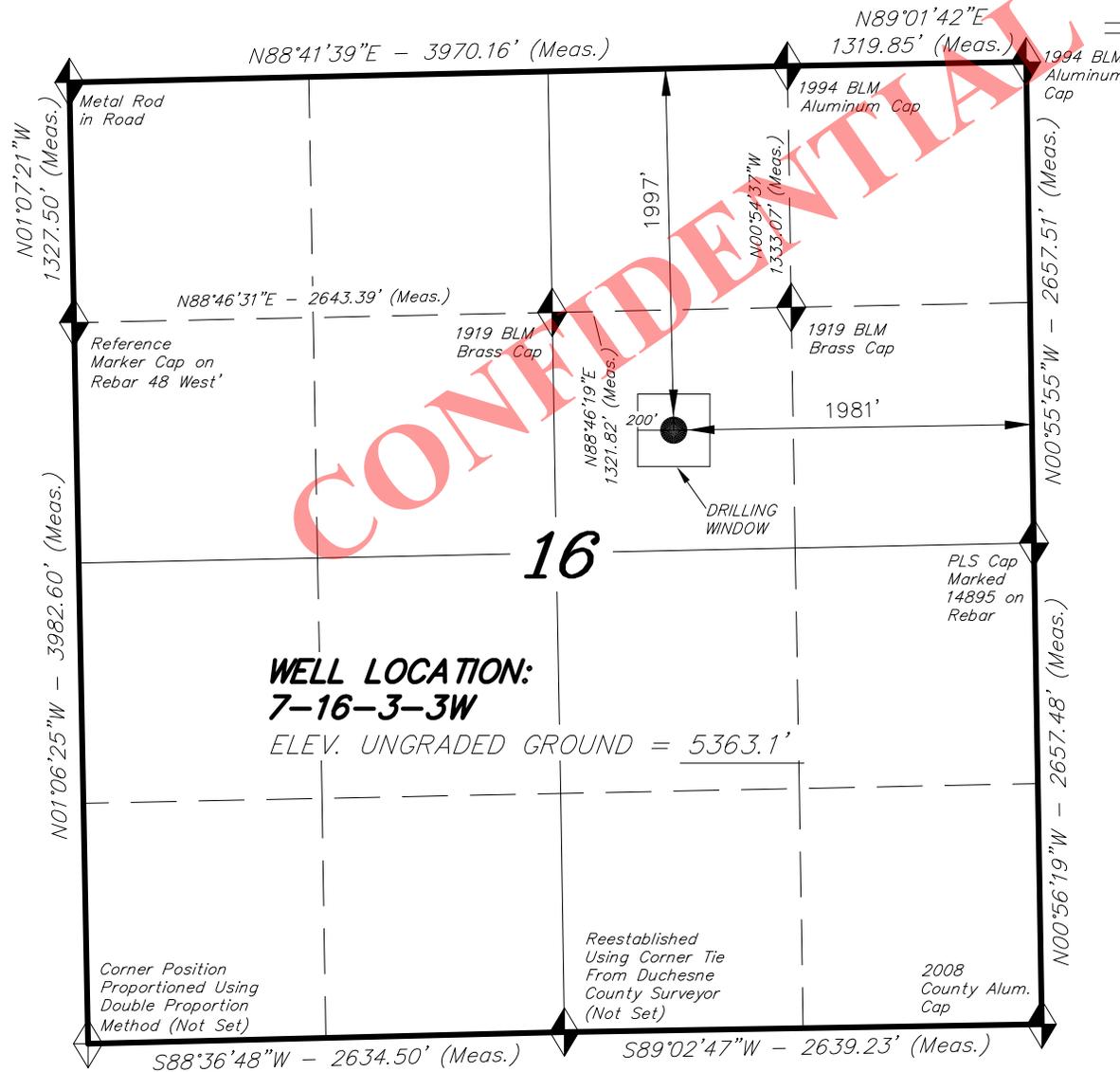


Typical 5M choke manifold configuration

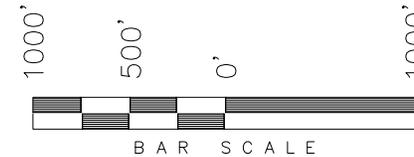


T3S, R3W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, 7-16-3-3W, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 16, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

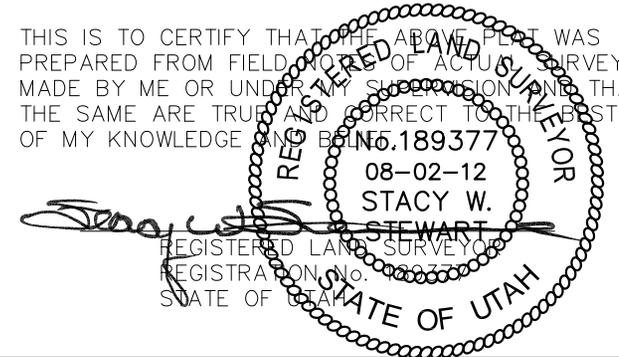


NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

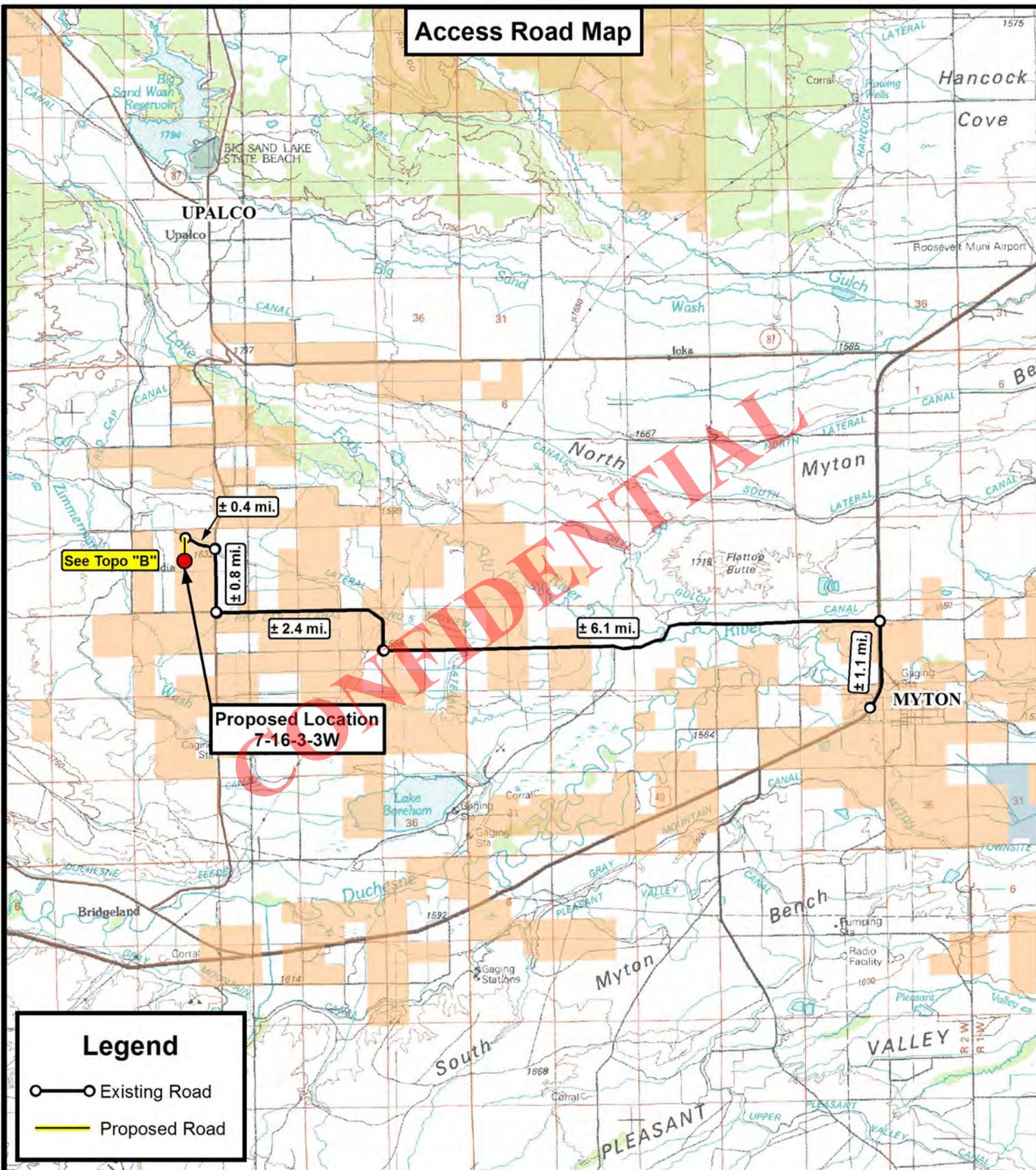
NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°13'25.48"
LONGITUDE =	110°13'31.72"
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°13'25.63"
LONGITUDE =	110°13'29.17"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 04-02-12	SURVEYED BY: M.C.	VERSION:
DATE DRAWN: 06-20-12	DRAWN BY: M.W.	V2
REVISED: 07-31-12 R.B.T.	SCALE: 1" = 1000'	

Access Road Map



Legend

- Existing Road
- Proposed Road

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 F: (435) 781-2518



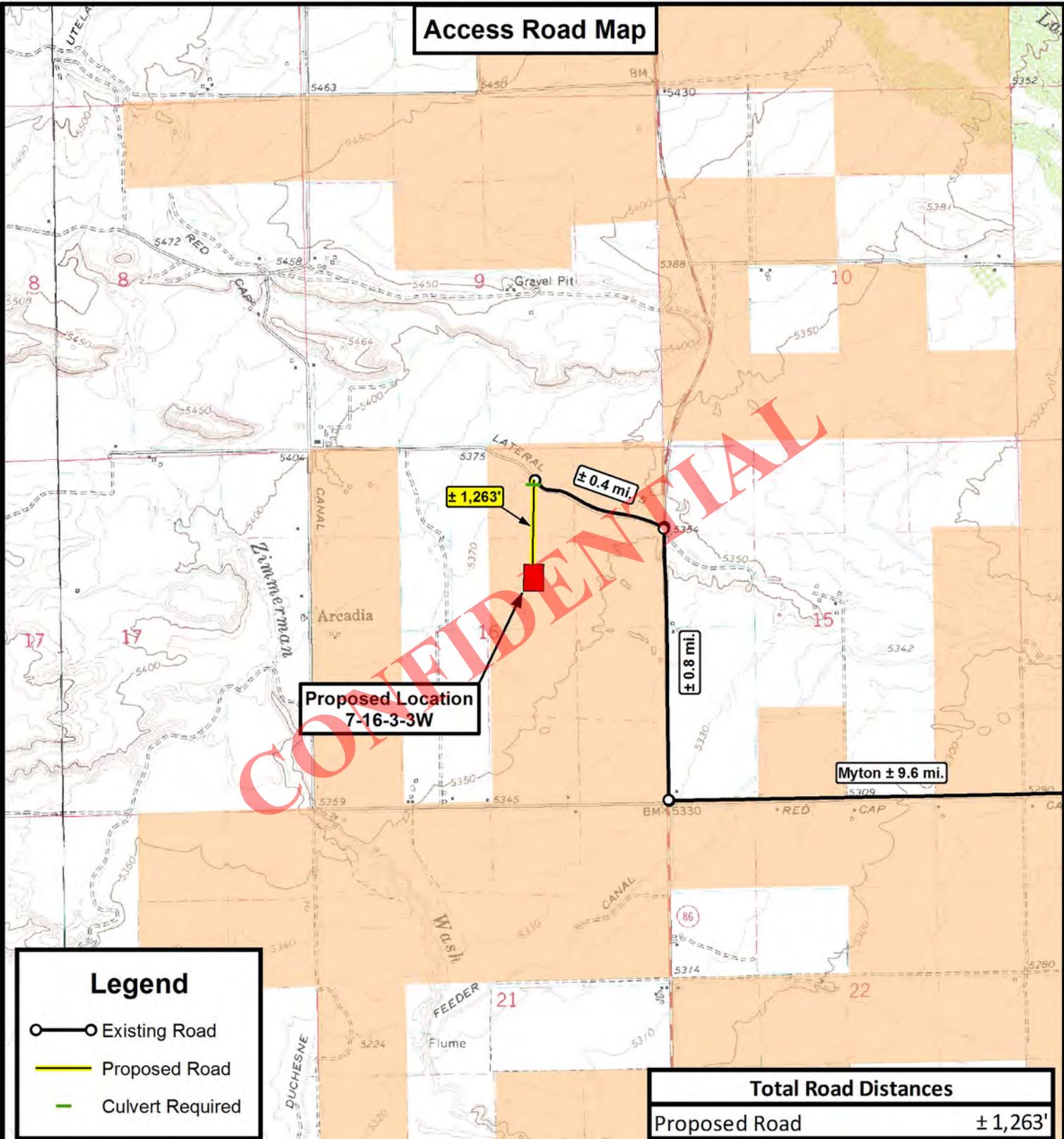
NEWFIELD EXPLORATION COMPANY
 7-16-3-3W
 SEC. 16, T3S, R3W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	07-31-12 A.P.C.	VERSION:
DATE:	06-21-2012			V2
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



**Proposed Location
7-16-3-3W**

Myton ± 9.6 mi.

Legend

- Existing Road
- Proposed Road
- Culvert Required

Total Road Distances

Proposed Road ± 1,263'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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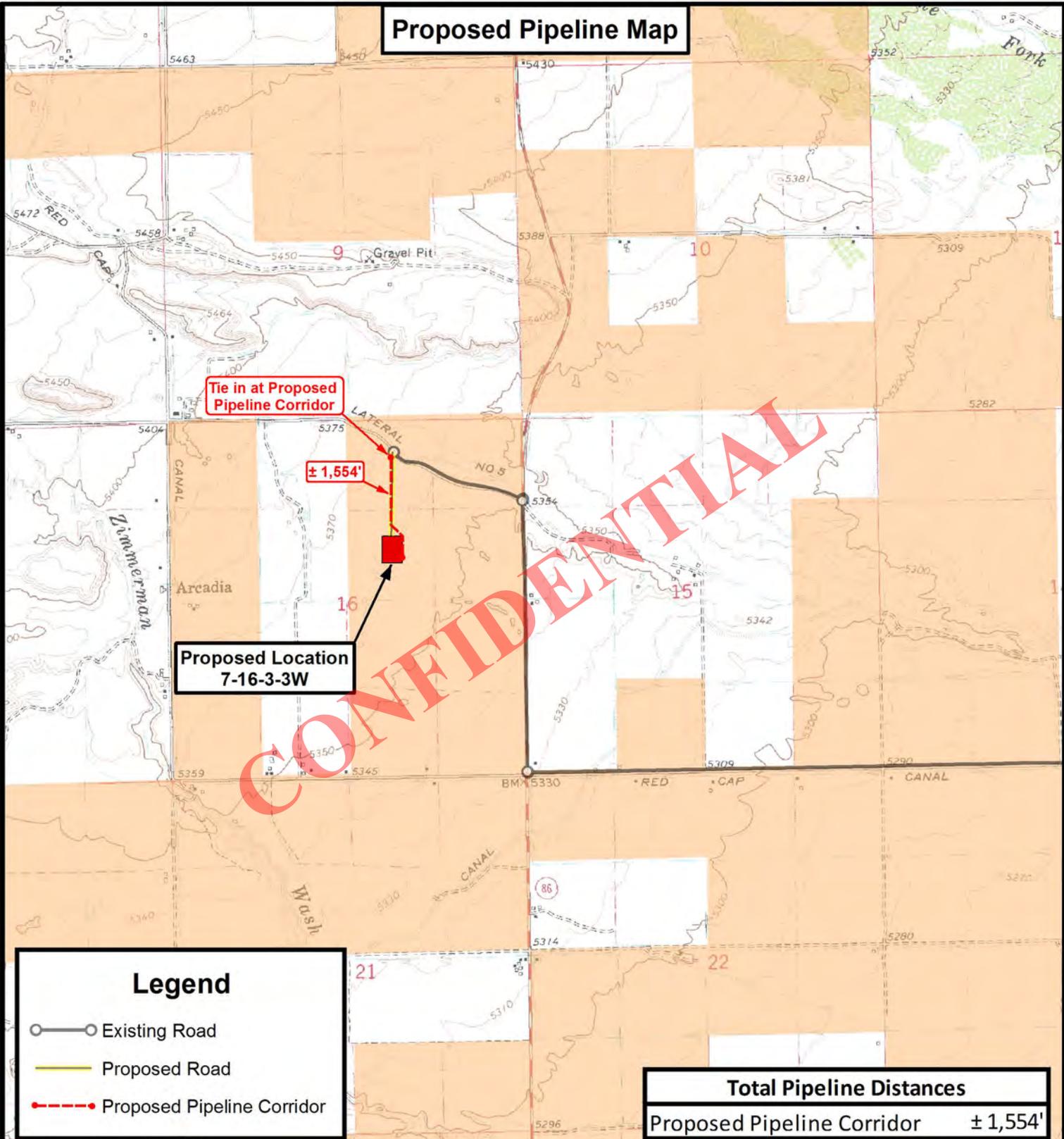
**7-16-3-3W
SEC. 16, T3S, R3W, U.S.B.&M.
Duchesne County, UT.**

DRAWN BY:	A.P.C.	REVISED:	07-31-12 A.P.C.	VERSION:
DATE:	06-21-2012			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Tie in at Proposed Pipeline Corridor

± 1,554'

Proposed Location 7-16-3-3W

Legend

- Existing Road
- Proposed Road
- Proposed Pipeline Corridor

Total Pipeline Distances	
Proposed Pipeline Corridor	± 1,554'

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NEWFIELD EXPLORATION COMPANY

7-16-3-3W
SEC. 16, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

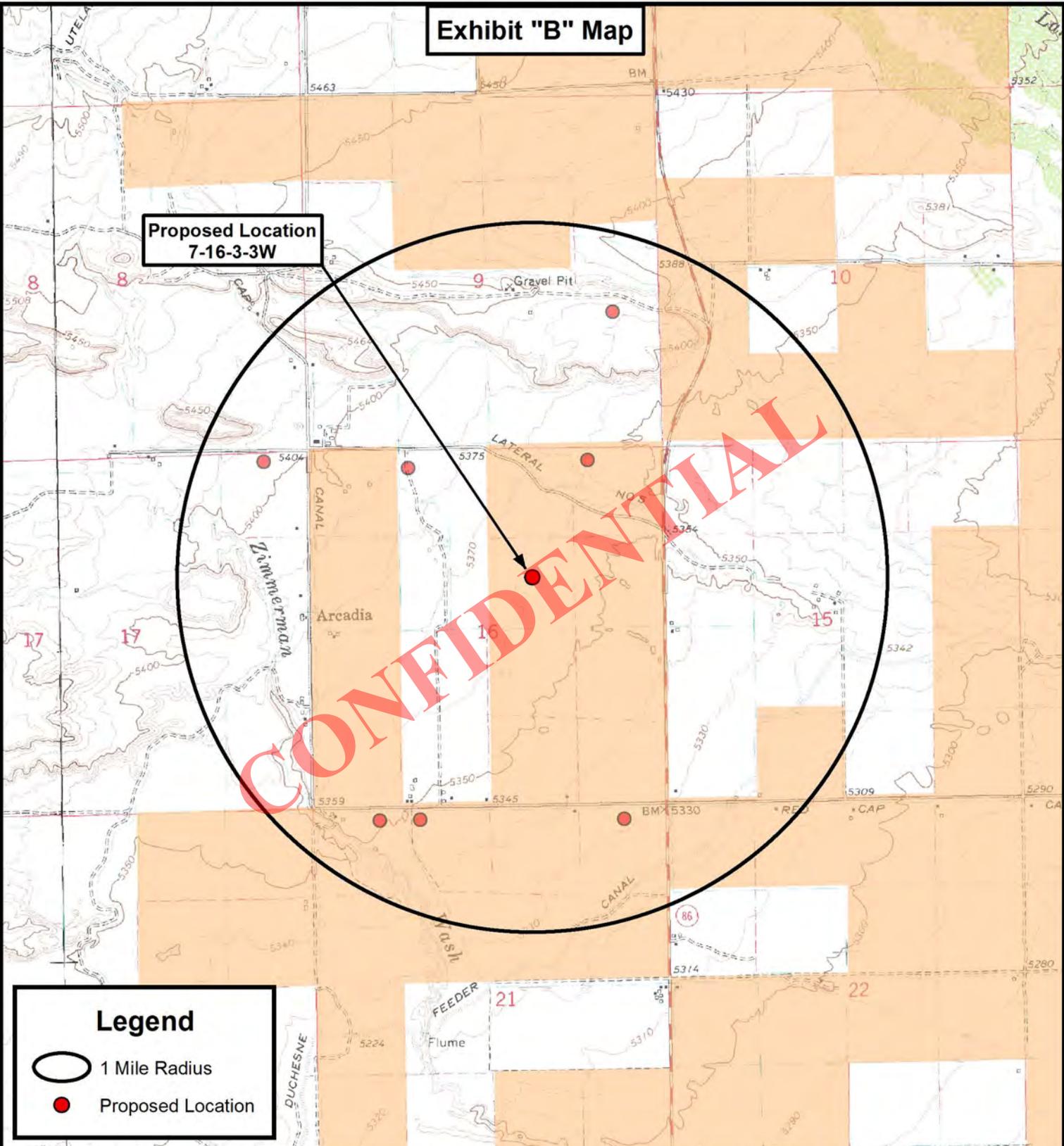
DRAWN BY:	A.P.C.	REVISED:	07-31-12 A.P.C.	VERSION:
DATE:	06-21-2012			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET **C**

Exhibit "B" Map

**Proposed Location
7-16-3-3W**



Legend

-  1 Mile Radius
-  Proposed Location

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NEWFIELD EXPLORATION COMPANY

**7-16-3-3W
SEC. 16, T3S, R3W, U.S.B.&M.
Duchesne County, UT.**

DRAWN BY:	A.P.C.	REVISED:	07-31-12 A.P.C.	VERSION:
DATE:	06-21-2012			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

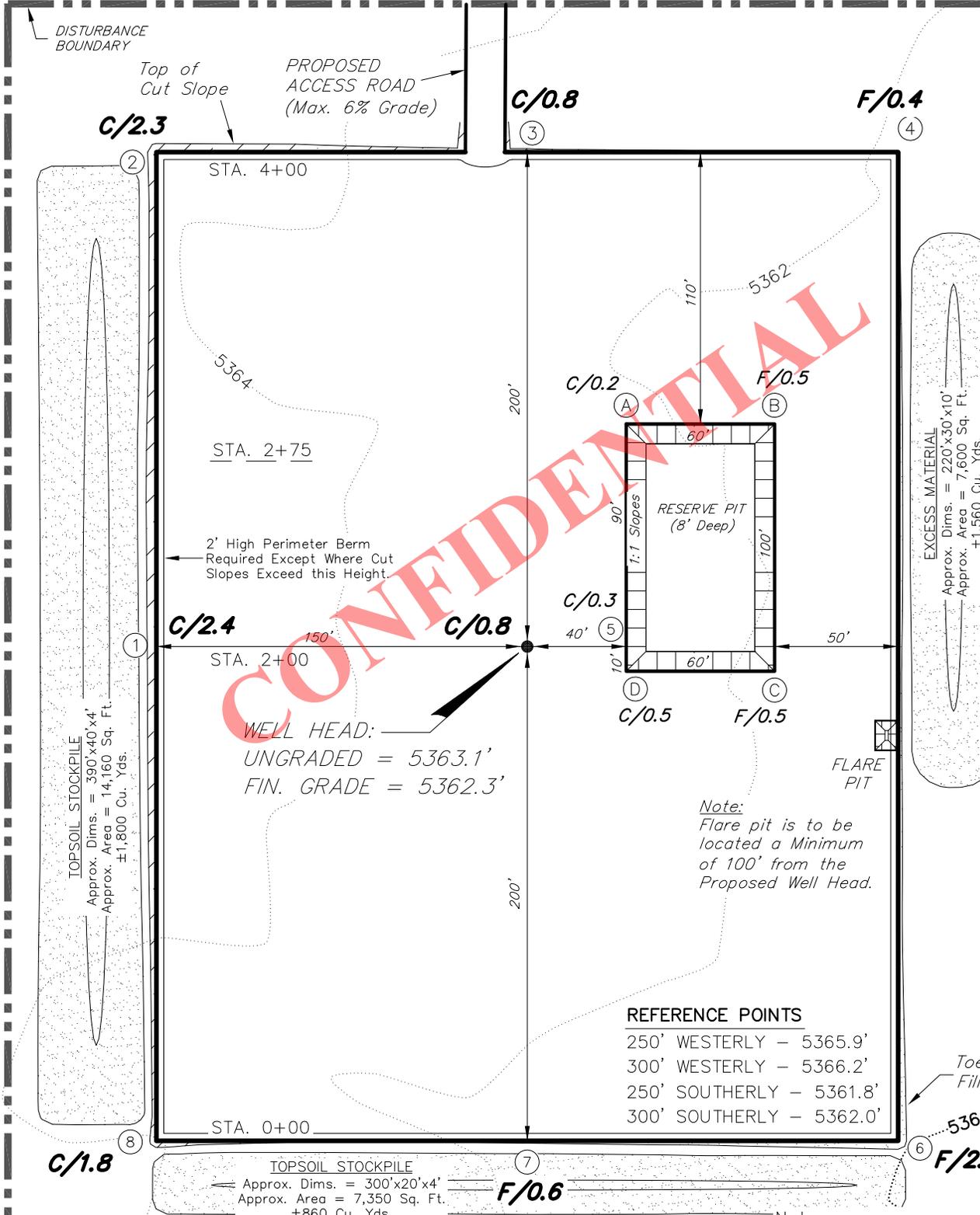
SHEET
D

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

7-16-3-3W

Pad Location: SWNE Section 16, T3S, R3W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 4,220 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:
Topsoil to be Stripped From All New Construction Areas and Proposed Stockpile Locations

SURVEYED BY: M.C.	DATE SURVEYED: 04-02-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 06-20-12	V2
SCALE: 1" = 60'	REVISED: R.B.T. 07-31-12	

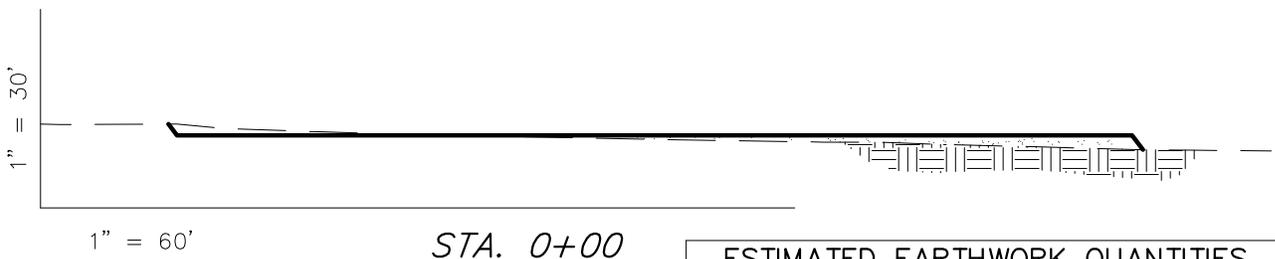
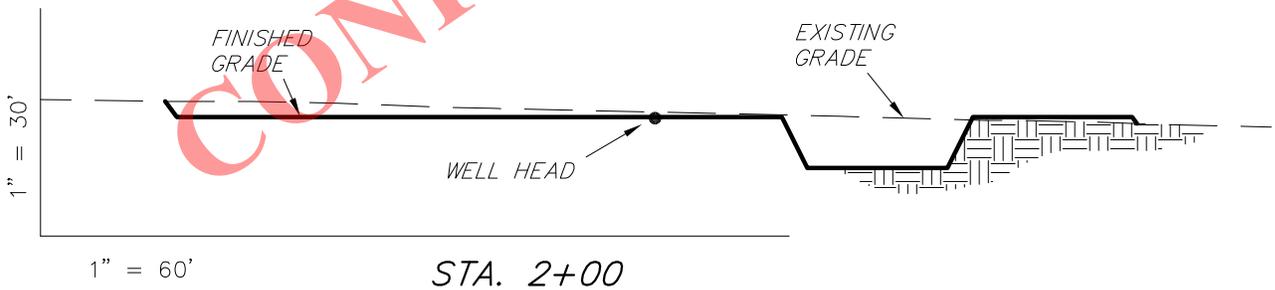
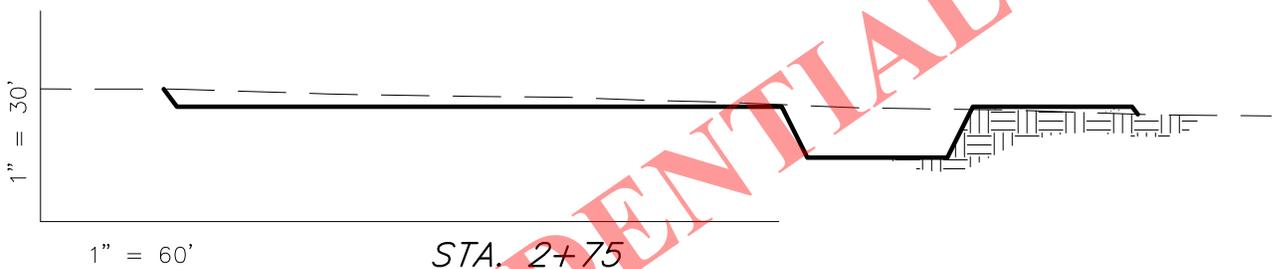
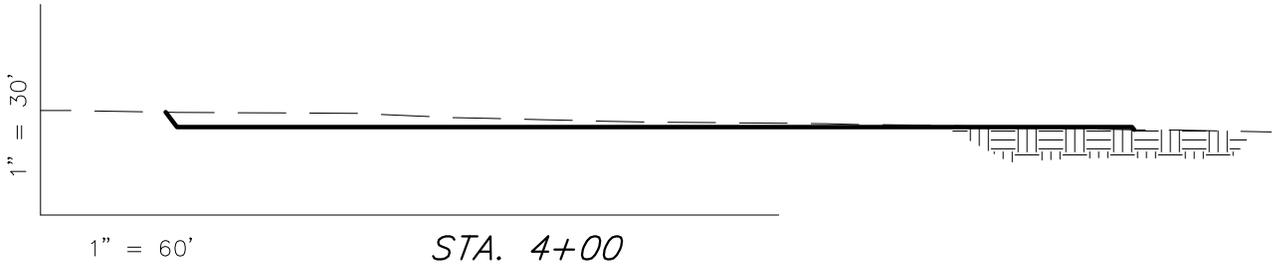
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NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

7-16-3-3W

Pad Location: SWNE Section 16, T3S, R3W, U.S.B.&M.



ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,880	1,880	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	3,300	1,880	2,420	1,420

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

SURVEYED BY: M.C.	DATE SURVEYED: 04-02-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 06-20-12	V2
SCALE: 1" = 60'	REVISED: R.B.T. 07-31-12	

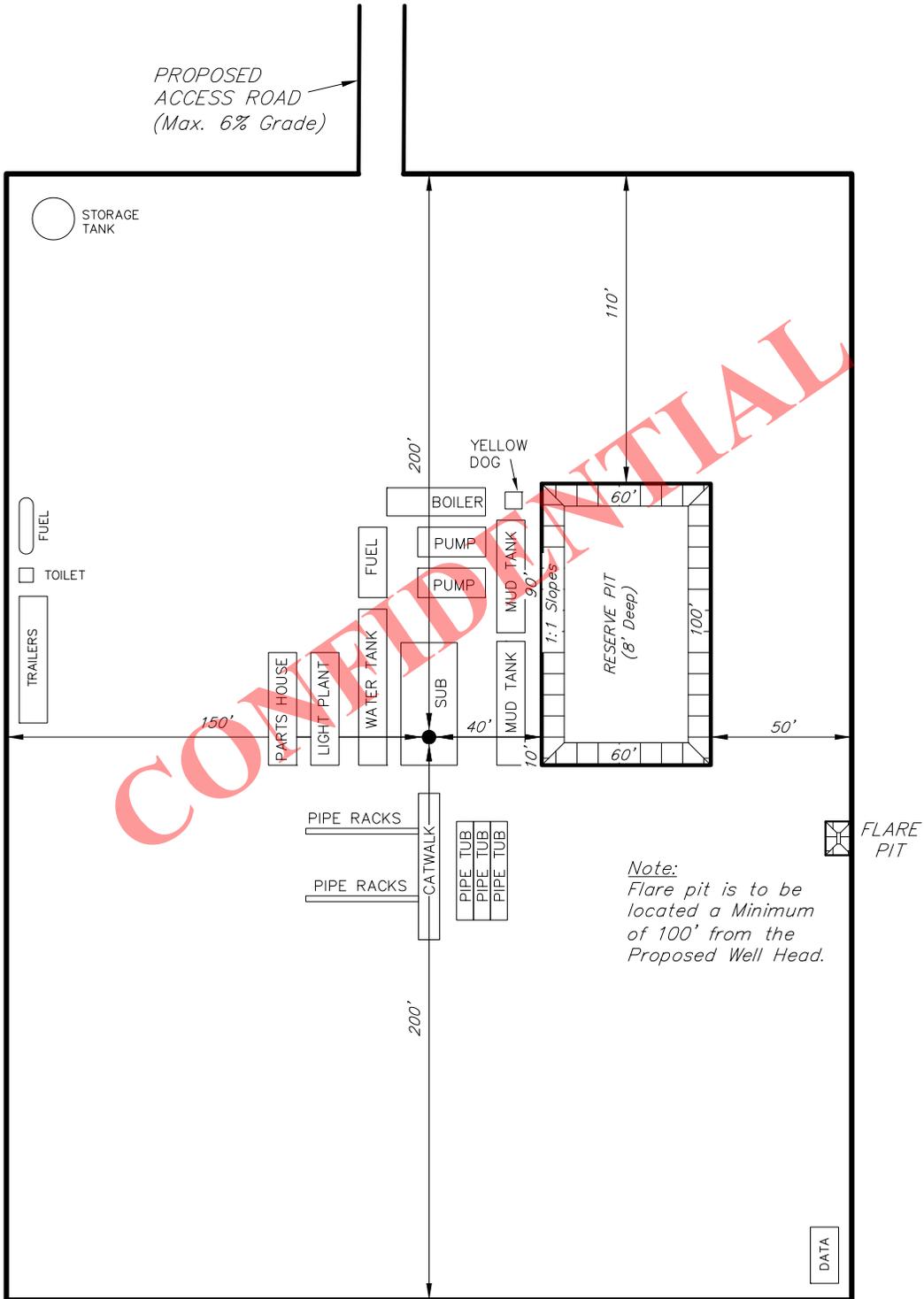
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Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

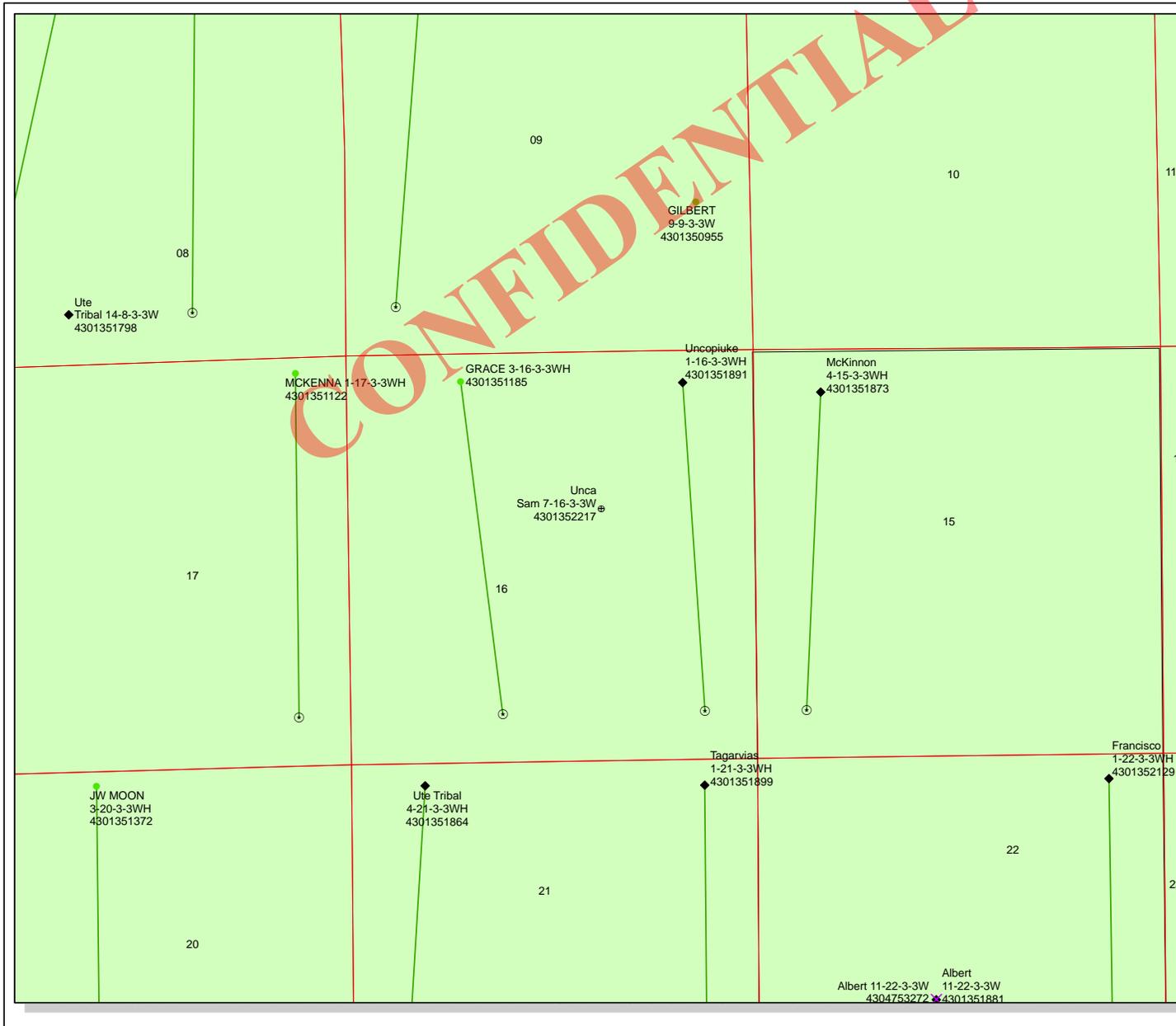
7-16-3-3W

Pad Location: SWNE Section 16, T3S, R3W, U.S.B.&M.



Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

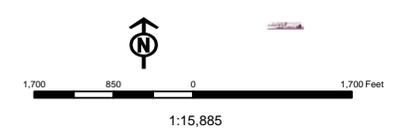
SURVEYED BY: M.C.	DATE SURVEYED: 04-02-12	VERSION:	<p>Tri State Land Surveying, Inc. (435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>
DRAWN BY: M.W.	DATE DRAWN: 06-20-12	V2	
SCALE: 1" = 60'	REVISED: R.B.T. 07-31-12		



API Number: 4301352217
Well Name: Unca Sam 7-16-3-3W
Township T03.0S Range R03.0W Section 16
Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- Units STATUS**
- ACTIVE
 - EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PI OIL
 - PP GAS
 - PP GEOTHERM
 - PP OIL
 - SECONDARY
 - TERMINATED



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/3/2013

API NO. ASSIGNED: 43013522170000

WELL NAME: Unca Sam 7-16-3-3W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWNE 16 030S 030W

Permit Tech Review:

SURFACE: 1997 FNL 1981 FEL

Engineering Review:

BOTTOM: 1997 FNL 1981 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.22363

LONGITUDE: -110.22553

UTM SURF EASTINGS: 565893.00

NORTHINGS: 4452866.00

FIELD NAME: NORTH MYTON BENCH

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6051

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 2 - Indian

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - WYB000493
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-90
- Effective Date: 5/9/2012
- Siting: 4 Prod LGRRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - 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: Unca Sam 7-16-3-3W
API Well Number: 43013522170000
Lease Number: 14-20-H62-6051
Surface Owner: INDIAN
Approval Date: 6/12/2013

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

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 Cause 139-90. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH 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

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.

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:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

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: 14-20-H62-6051
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: Togava
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Unca Sam 7-16-3-3W	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013522170000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1997 FNL 1981 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 03.0S Range: 03.0W Meridian: U	COUNTY: DUCHESNE	
	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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/3/2013 <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 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.		
Set 60' of 14" conductor pipe.MIRU. Spud 12.25" surface hole. Drill from 60' GL to 240' GL.Drill from 240' GL to 1000' GL. Finish drilling 12.25" surface hole. Run surface casing. Cement surface casing.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 12, 2013		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 8/12/2013	

NEWFIELD

Casing

Conductor

Legal Well Name Unca Sam 7-16-3-3W		Wellbore Name Original Hole		
API/UWI 43013522170000	Surface Legal Location 1997FNL 1981FEL Sec 16 T3S R3W	Field Name UINTA CB - WASATCH DEEP	Well Type Development	Well Configuration Type Vertical
Well RC	County	State/Province	Spud Date	Rig Release Date

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (ftKB)	
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	20	0	60	8/3/2013	8/3/2013

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing				
Casing Description Conductor	Set Depth (ftKB) 60	Run Date 8/3/2013	Set Tension (kips)	
Centralizers	Scratchers			

Casing Components												
Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)	ID (in)
Conductor Pipe	14	36.75	A52A	Welded	2	60.00	0.0	60.0				13.500

NEWFIELD

Casing

Surface

Legal Well Name Unca Sam 7-16-3-3W		Wellbore Name Original Hole		
API/UWI 43013522170000	Surface Legal Location 1997FNL 1981FEL Sec 16 T3S R3W	Field Name UINTA CB - WASATCH DEEP	Well Type Development	Well Configuration Type Vertical
Well RC	County	State/Province	Spud Date	Rig Release Date

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (ftKB)	
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	20	0	60	8/3/2013	8/3/2013
Vertical	12 1/4	60	1,168	8/8/2013	8/9/2013

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing				
Casing Description Surface	Set Depth (ftKB) 1,148	Run Date 8/9/2013	Set Tension (kips)	
Centralizers 12 centralizers spaced 10' from the shoe, on top of joints #2 & #3 then every 3rd collar to surface.	Scratchers			

Casing Components												
Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)	ID (in)
Casing Joints	9 5/8	36.00	J-55	LT&C	26	1,103.44	-0.4	1,103.1				8.921
Float Collar				LT&C	1	1.20	1,103.1	1,104.3				
Casing Joints	9 5/8	36.00	J-55	LT&C	1	42.83	1,104.3	1,147.1				8.921
Guide Shoe				LT&C	1	0.90	1,147.1	1,148.0				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 11 2013

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

5. Lease Serial No. 1420H626051	
6. If Indian, Allottee or Tribe Name UINTAH AND OURAY	
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No. UNCA SAM 7-16-3-3W	
9. API Well No. 43-013-52217	
10. Field and Pool, or Exploratory UNDESIGNATED	
11. Sec., T., R., M., or Blk. and Survey or Area Sec 16 T3S R3W Mer UBM SME: BIA	
12. County or Parish DUCHESNE	13. State UT
17. Spacing Unit dedicated to this well 40.00	
20. BLM/BIA Bond No. on file RLB0010462	
23. Estimated duration 14 DAYS	

CONFIDENTIAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: DON HAMILTON Email: starpoint@etv.net	
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon At proposed prod. zone SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon	
14. Distance in miles and direction from nearest town or post office* 11.0 MILES WEST OF MYTON, UTAH	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 666	16. No. of Acres in Lease 80.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. NONE	19. Proposed Depth 11200 MD 11200 TVD
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5363 GL	22. Approximate date work will start 06/15/2013

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

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

25. Signature (Electronic Submission)	Name (Printed/Typed) DON HAMILTON Ph: 435-719-2018	Date 06/10/2013
Title PERMITTING AGENT		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JUL 25 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

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

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Additional Operator Remarks (see next page)

JUL 30 2013

Electronic Submission #210228 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal DIV. OF OIL, GAS & MINING
Committed to AFMSS for processing by JOHNETTA MAGEE on 06/12/2013 (13JM1053AE)

NOTICE OF APPROVAL

** BLM REVISED **

Additional Operator Remarks:

Proposed vertical well. Lease #14-20-H62-6051

Surface Ownership:

Well site and the entire access road and pipeline corridor: Ute Indian Tribe - 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982;

Surface use with the Ute Indian Tribe is currently pending approval (CB EA #4 & 5).

Mineral Ownership:

Heirs of TORGARVIAS UNCA SAM TO-GAR-VI-AS, Ute Indian Tribe

Revisions to Operator-Submitted EC Data for APD #210228

Operator Submitted

BLM Revised (AFMSS)

Lease: 1420H626051

1420H626051

Agreement:

Operator: NEWFIELD PRODUCTION COMPANY

NEWFIELD EXPLORATION COMPANY

ROUTE #3 BOX 3630
MYTON, UT 84052
Ph: 435-646-3721

ROUTE 3 BOX 3630
MYTON, UT 84052
Ph: 435.646.6031
Fx: 435.646.3031

Admin Contact: DON HAMILTON
PERMITTING AGENT
2580 CREEKVIEW ROAD
MOAB, UT 84532
Ph: 435-719-2018
Fx: 435-719-2019

DON HAMILTON
PERMITTING AGENT
ROUTE 3 BOX 3630
MYTON, UT 84052
Ph: 435-719-2018
Fx: 435-719-2019

E-Mail: starpoint@etv.net

E-Mail: starpoint@etv.net

Tech Contact: DON HAMILTON
PERMITTING AGENT
2580 CREEKVIEW ROAD
MOAB, UT 84532

DON HAMILTON
PERMITTING AGENT
ROUTE 3 BOX 3630
MYTON, UT 84052

Well Name: UNCA SAM
Number: 7-16-3-3W

UNCA SAM
7-16-3-3W

Location:
State: UT
County: DUCHESNE
S/T/R: Sec 16 T3S R3W Mer UBM
Surf Loc: SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon

UT
DUCHESNE
Sec 16 T3S R3W Mer UBM
SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon

Field/Pool: UNDESIGNATED

UNDESIGNATED

Bond: WYB000493

RLB0010462



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	NEWFIELD PRODUCTION COMPANY	Location:	SWNE SEC 16 T3S R3W
Well No:	UNCA SAM 7-16-3-3W	Lease No:	1420H626051
API No:	43-047-52217	Agreement:	

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm ut vn opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

Newfield will comply with:

- All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q2-068,
- All ACEPMs on page 5 of the Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development (Rocky Point BO) dated March 20, 2012,
- All terms and conditions of the Rocky Point BO and
- Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-306 and BIA ROW Serial No. H62-2013-307.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Cement for the 7 inch casing will be brought to a minimum of 200 feet above the surface casing shoe.
- A CBL shall be run in the 7 inch casing to TOC.
- Variances to OO2, Section III.E shall be granted as requested regarding the air drilling program for the surface hole.
- Cement samples shall be caught for all stages of cement work for the Surface and Intermediate casing strings and tested for compressive strength. The results of the tests shall be reported to the BLM with a Sundry or attached to the Completion Report.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- Unit agreement and/or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro Rig #10
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number UNCA SAM 7-16-3-3W
Qtr/Qtr SW/NE Section 16 Township 3S Range 3W
Lease Serial Number 14-20-H62-6051
API Number 43013522170000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 08/09/2013 16:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

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AUG 09 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number UNCA SAM 7-16-3-3W
Qtr/Qtr SW/NE Section 16 Township 3S Range 3W
Lease Serial Number 14-20-H62-6051
API Number 43013522170000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 08/03/2013 08:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
AUG 01 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 11 2013

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

5. Lease Serial No. 1420H626051	
6. If Indian, Allottee or Tribe Name UINTAH AND OURAY	
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No. UNCA SAM 7-16-3-3W	
9. API Well No. 43-013-52217	
10. Field and Pool, or Exploratory UNDESIGNATED	
11. Sec., T., R., M., or Blk. and Survey or Area Sec 16 T3S R3W Mer UBM SME: BIA	
12. County or Parish DUCHESNE	13. State UT
17. Spacing Unit dedicated to this well 40.00	
20. BLM/BIA Bond No. on file RLB0010462	
23. Estimated duration 14 DAYS	

CONFIDENTIAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: DON HAMILTON Email: starpoint@etv.net	
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon At proposed prod. zone SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon	
14. Distance in miles and direction from nearest town or post office* 11.0 MILES WEST OF MYTON, UTAH	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 666	16. No. of Acres in Lease 80.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. NONE	19. Proposed Depth 11200 MD 11200 TVD
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5363 GL	22. Approximate date work will start 06/15/2013

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

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

25. Signature (Electronic Submission)	Name (Printed/Typed) DON HAMILTON Ph: 435-719-2018	Date 06/10/2013
Title PERMITTING AGENT		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JUL 25 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

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

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Additional Operator Remarks (see next page)

JUL 30 2013

Electronic Submission #210228 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal DIV. OF OIL, GAS & MINING
Committed to AFMSS for processing by JOHNETTA MAGEE on 06/12/2013 (13JM1053AE)

NOTICE OF APPROVAL

** BLM REVISED **

Additional Operator Remarks:

Proposed vertical well. Lease #14-20-H62-6051

Surface Ownership:

Well site and the entire access road and pipeline corridor: Ute Indian Tribe - 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982;

Surface use with the Ute Indian Tribe is currently pending approval (CB EA #4 & 5).

Mineral Ownership:

Heirs of TORGARVIAS UNCA SAM TO-GAR-VI-AS, Ute Indian Tribe

Revisions to Operator-Submitted EC Data for APD #210228

Operator Submitted

BLM Revised (AFMSS)

Lease: 1420H626051

1420H626051

Agreement:

Operator: NEWFIELD PRODUCTION COMPANY

NEWFIELD EXPLORATION COMPANY

ROUTE #3 BOX 3630
MYTON, UT 84052
Ph: 435-646-3721

ROUTE 3 BOX 3630
MYTON, UT 84052
Ph: 435.646.6031
Fx: 435.646.3031

Admin Contact: DON HAMILTON
PERMITTING AGENT
2580 CREEKVIEW ROAD
MOAB, UT 84532
Ph: 435-719-2018
Fx: 435-719-2019

DON HAMILTON
PERMITTING AGENT
ROUTE 3 BOX 3630
MYTON, UT 84052
Ph: 435-719-2018
Fx: 435-719-2019

E-Mail: starpoint@etv.net

E-Mail: starpoint@etv.net

Tech Contact: DON HAMILTON
PERMITTING AGENT
2580 CREEKVIEW ROAD
MOAB, UT 84532

DON HAMILTON
PERMITTING AGENT
ROUTE 3 BOX 3630
MYTON, UT 84052

Well Name: UNCA SAM
Number: 7-16-3-3W

UNCA SAM
7-16-3-3W

Location:
State: UT
County: DUCHESNE
S/T/R: Sec 16 T3S R3W Mer UBM
Surf Loc: SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon

UT
DUCHESNE
Sec 16 T3S R3W Mer UBM
SWNE 1997FNL 1981FEL 40.223744 N Lat, 110.225478 W Lon

Field/Pool: UNDESIGNATED

UNDESIGNATED

Bond: WYB000493

RLB0010462



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	NEWFIELD PRODUCTION COMPANY	Location:	SWNE SEC 16 T3S R3W
Well No:	UNCA SAM 7-16-3-3W	Lease No:	1420H626051
API No:	43-047-52217	Agreement:	

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm ut vn opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

Newfield will comply with:

- All Applicant-Committed Environmental Protection Measures (ACEPMs) listed in Section 2.1.8 of Environmental Assessment No. U&O-FY13-Q2-068,
- All ACEPMs on page 5 of the Final Biological Opinion for Newfield Exploration Company and Ute Energy, LLC's proposed Rocky Point Exploration and Development (Rocky Point BO) dated March 20, 2012,
- All terms and conditions of the Rocky Point BO and
- Any and all additional terms or stipulations attached to BIA ROW Serial No. H62-2013-306 and BIA ROW Serial No. H62-2013-307.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Cement for the 7 inch casing will be brought to a minimum of 200 feet above the surface casing shoe.
- A CBL shall be run in the 7 inch casing to TOC.
- Variances to OO2, Section III.E shall be granted as requested regarding the air drilling program for the surface hole.
- Cement samples shall be caught for all stages of cement work for the Surface and Intermediate casing strings and tested for compressive strength. The results of the tests shall be reported to the BLM with a Sundry or attached to the Completion Report.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- Unit agreement and/or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro Rig #10
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number UNCA SAM 7-16-3-3W
Qtr/Qtr SW/NE Section 16 Township 3S Range 3W
Lease Serial Number 14-20-H62-6051
API Number 43013522170000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 08/09/2013 16:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

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DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number UNCA SAM 7-16-3-3W
Qtr/Qtr SW/NE Section 16 Township 3S Range 3W
Lease Serial Number 14-20-H62-6051
API Number 43013522170000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 08/03/2013 08:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

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AUG 01 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer rig 68
Submitted By RL Tatman Phone Number 970-361-3263
Well Name/Number Unca Sam 7-16-3-3W
Qtr/Qtr SW/NE Section 16 Township 3S Range 4W
Lease Serial Number FEE
API Number 43013522170000

TD Notice – TD is the final drilling depth of hole.

Date/Time 10/1/13 9:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 10/2/2013 10:00 AM PM

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EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

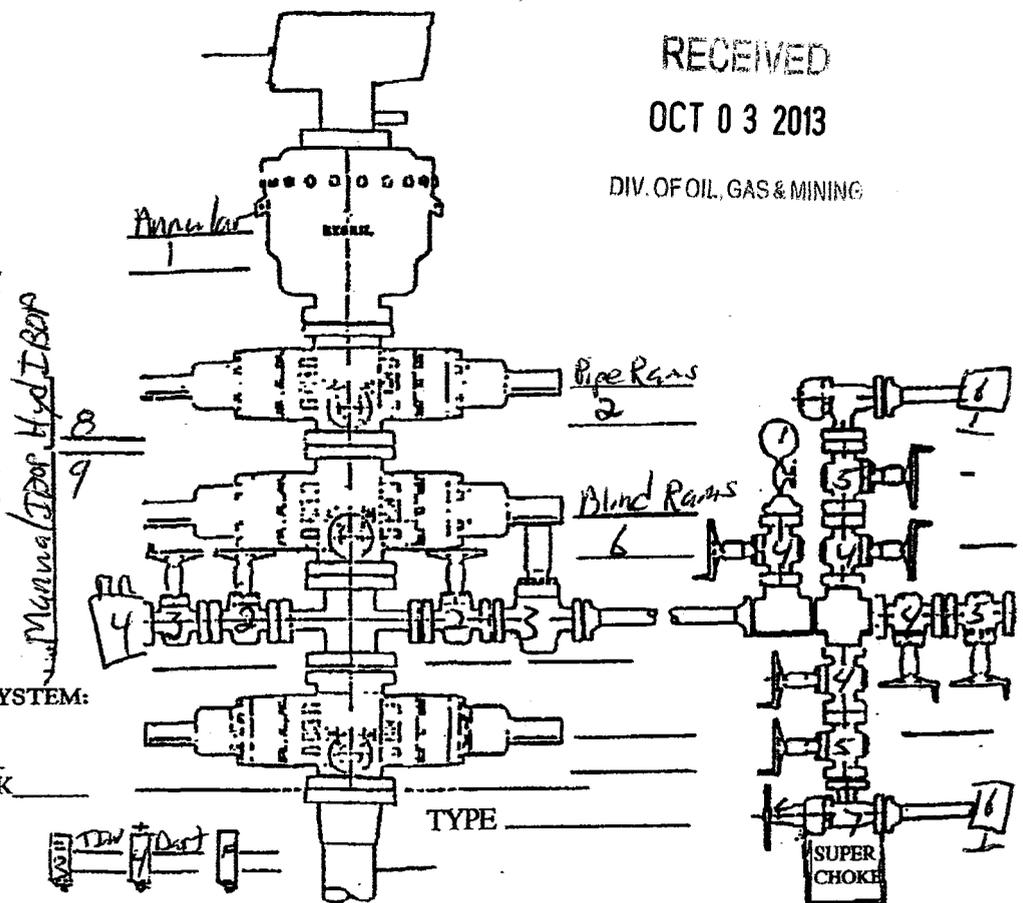
BOP TEST REPORT

DATE: 9/27/13 OPERATOR: New field RIG OR SITE#: Pioneer 60 SEC: 16 TNSHIP: 5B RANGE: 3W

FIELD: _____ WELL#: UNCA Sam 7-16-3-3W TEST PRESSURE: 250/5000

EQUIPMENT PRESSURE TESTED:

- ANNULAR 50% 1
- UPPER PIPE RAMS 2
- LOWER PIPE RAMS -
- BLIND RAMS 6
- KILL LINE VALVES 2,3,4
- HCR VALVE 5
- CHOKE VALVES 2
- MANIFOLD VALVES 4,5,6
- SUPER CHOKE 7
- MANUAL CHOKE ✓
- UPPER KELLY VALVE 8
- LOWER KELLY VALVE 9
- INSIDE BOP + IW 3
- FLOOR VALVE Dart 4
- CASING PRE. _____



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DIV. OF OIL, GAS & MINING

ACCUMULATOR AND CLOSING SYSTEM:

- NITROGEN PRECHARGE PSI 900
- FIELD CHECK GAUGE CHECK _____
- BOTTLES SPHERES _____
- FUNCTION CHECK 1700
- PUMP CHECK 1m2sec
- REMOTE OPERATION CHECK
- HYDRAULIC FLUID LEVEL

OTHER TESTS:

EQUIPMENT TYPE _____ PRESSURE _____

REPAIRS OR POTENTIAL PROBLEMS:



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DIV. OF OIL, GAS & MINING

EAGER BEAVER TESTERS

DATE: 9/27/13 COMPANY: Newfield RIG: Pioneer 68 WELL NAME & #: UNCASAM 7-16-3-3w

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 1400 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 1m 25 (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi=

EAGER BEAVER TESTERS

DATE: 9/27/13 COMPANY: New field RIG: Pioneer 68 WELL NAME & #: UNCA SAM 7-16-3-3in

Time	AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Test No.		Results
7:28	<input checked="" type="checkbox"/>	1	Annular	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:22	<input checked="" type="checkbox"/>	2	Upper Pipe Rams, Inside kill, Inside choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:50	<input checked="" type="checkbox"/>	3	outside kill, HCL, TIW	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:23	<input checked="" type="checkbox"/>	4	check, Riser, Inside manifold valves, Dart	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:46	<input checked="" type="checkbox"/>	5	outside manifold valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:22	<input checked="" type="checkbox"/>	6	Blinds down stream manifold	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:49	<input checked="" type="checkbox"/>	7	Super Choke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:20	<input checked="" type="checkbox"/>	8	Hyd IBOP	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:43	<input checked="" type="checkbox"/>	9	Manual IBOP	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	10		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	11		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	12		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	13		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	14		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches) (_____ W _____ D _____ L) ÷ 231 = _____ gal.

Rock Springs, WY (307) 382-3350
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
 INTEGRITY TESTING
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE



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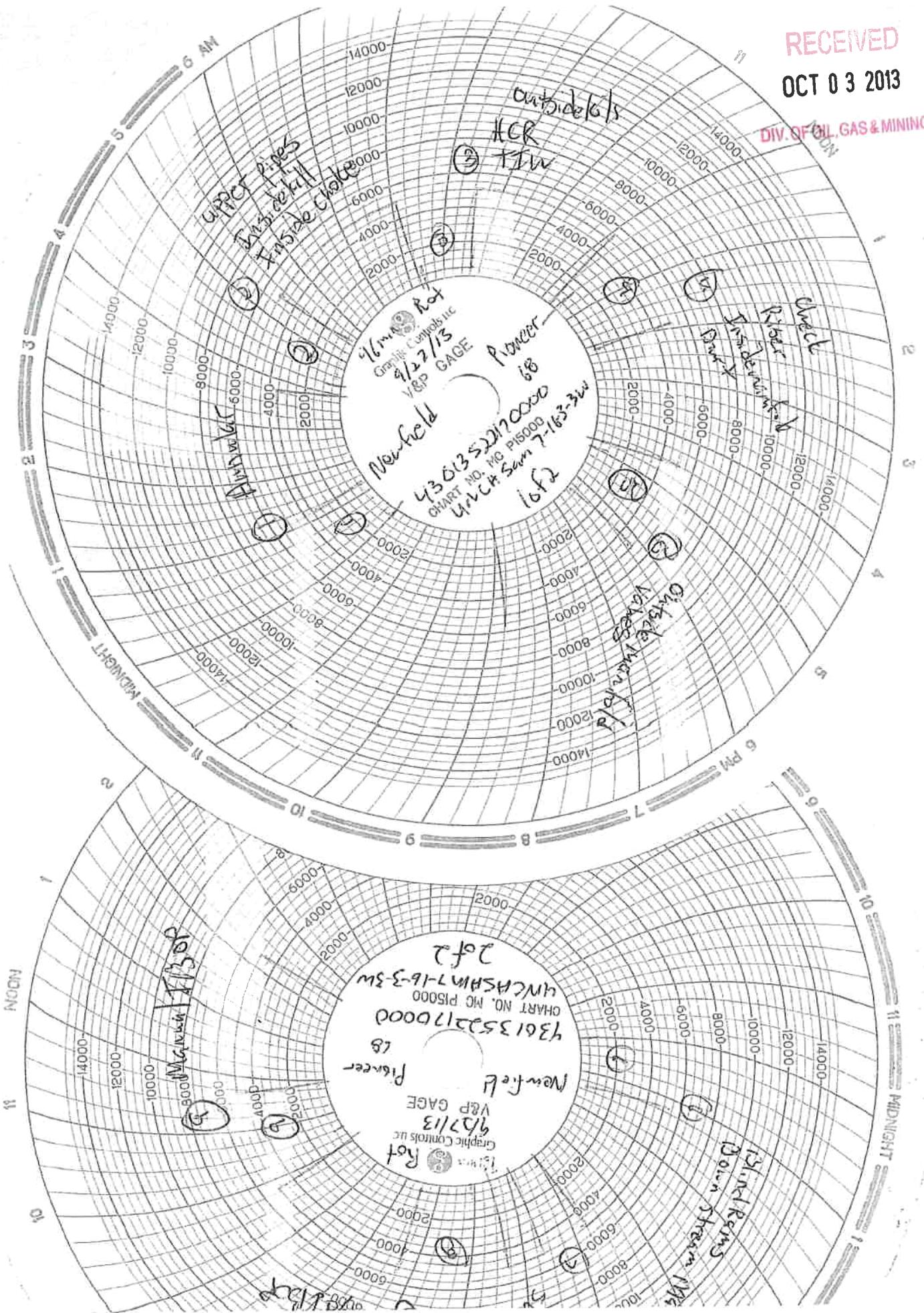


Chart #3 on Reverse

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
1420H626051

6. If Indian, Allottee or Tribe Name
Togavaris Unca Sam - Ute

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
UNCA SAM 7-16-3-3W

9. API Well No.
43-013-52217

3a. Phone No. (include area code)
Ph: 435-646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1997' FNL 1981' FEL (SW/NE) SEC 16 T3S R3W

At top prod. interval reported below 1997' FNL 1981' FEL (SW/NE) SEC 16 T3S R3W

At total depth 1997' FNL 1981' FEL (SW/NE) SEC 16 T3S R3W

10. Field and Pool or Exploratory
NORTH MYTON BENCH

11. Sec., T., R., M., on Block and Survey or Area
Sec 16, T3S, R3W Mer UB

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
08/03/2013

15. Date T.D. Reached
10/04/2013

16. Date Completed 10/17/2013
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5363' GL 5383' KB

18. Total Depth: MD 11171'
TVD 11162'

19. Plug Back T.D.: MD 10970'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	36#	20'	1168'		675CLASS G			
7-7/8"	7" P-110	26#	20'	8509'		480Econocem		170'	
						305 Bondcem			
6.275	4.5 P-110	11.6#	8194'	11165'		240Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@8631'	WX@8596'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	8592'	10866'	8592' -10866' MD	0.34	198	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8592' -10866' MD	Frac w/ 700360#s of 20/40 white sand in 17029 bbls of Lightning 20 fluid, in 7 stages.

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/18/13	10/28/13	24	→	749	777	418			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. 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.

31. Formation (Log) Markers
 GEOLOGICAL MARKERS

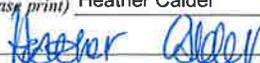
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MARK GARDEN GULCH 1	8521' 6797'
				GARDEN GULCH 2 DOUGLAS CREEK MRK	6965' 7647'
				CASTLE PEAK ULDB	8718' 8876'
				WASATCH	9031'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Heather Calder Title Regulatory Technician
 Signature  Date 10/31/2013

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



Well Name: Unca Sam 7-16-3-3W

Summary Rig Activity

Job Category	Job Start Date	Job End Date

Daily Operations		24hr Activity Summary
Report Start Date	Report End Date	Mob JW Wireline, RigUp, Run CBL Log, and prep location for Frac
10/9/2013	10/10/2013	12:00 - 18:00
Start Time	End Time	Comment
18:00	00:00	Wait on equipment to arrive location. JW Wireline to be on location around 12:00 noon. MIRU location to frac well. Well head on and HCR valve. All been tested. Need to get office and flowback set up. (30) frac tanks (5) Rain for rent's. (26) Noble's, (4) upright tanks on location, Location in good shape, pits are clean, flowlines laid, Comment
18:00	00:00	MIRU JW Wireline, Pick up lubricator, Run dry rod pull BPV and hanger from tbg head, NU and test lubricator to 5,000 Psi, tested good and charted, (4G's testers), RIH 3.875" gauge ring to 10,970', POH with ring. Recovered all tools, lay down gauge ring. PUMU CBL logging tools, Test lubricator to 5,000 Psi. RIH with CBL logging tools, tools quit working properly on bottom of well bore, unable to get tools working to log well, POH and exchange tools and rerun. 21:00 - 00:00 PUMU new tool string, Test lubricator to 5,000 Psi, RIH with new CBL logging tools, log 500' (10960' to 10460') at 0 Psi,

24hr Activity Summary		24hr Activity Summary
Report Start Date	Report End Date	NU Frac stack and flowback equipment, prep for frac
10/10/2013	10/11/2013	00:00 - 03:00
Start Time	End Time	Comment
03:00	04:00	Drop down to 10,960' and log to surface with 1,500 Psi on well bore. Comment
04:00	08:00	RDMO Jw Wire line unit, SDFN Comment
08:00	11:00	Wait on daylight Comment
11:00	17:00	Hold Pre job safety meeting. MIRU G&B crane, Knight Oil Tools NU 10K Frac stack, 10K 7-1/16 spool, 10K 7-1/16" manual frac valve, 10K 7-1/16 flowcross, 10K 7-1/16 manual frac valve, 10K 7-1/16 frac head Comment
17:00	00:00	16:00- B&C Quick Testing, pressure tested FMC frac stack as per NFX guidelines, all passed. Comment
17:00	00:00	unload sand, fill frac tanks with water for frac, well shut in and secured. Comment

24hr Activity Summary		24hr Activity Summary
Report Start Date	Report End Date	log well, test frac stack and flowback, unload sand and water.
10/11/2013	10/12/2013	00:00 - 06:00
Start Time	End Time	Comment
06:00	00:00	prep loc for frac, fill frac tanks with water Comment
00:00	04:30	Current Operation: loading frac tanks with water and chemicals. Comment
04:30	05:00	finish filling frac tanks, MIRU Halliburton and start frac operations. Comment
05:00	11:00	fill frac tanks, Comment
		Wait on Halliburton Comment
		MIRU Halliburton frac equipment Comment

RECEIVED: Nov. 11, 2013



Well Name: Unca Sam 7-16-3-3W

Summary Rig Activity

Start Time	End Time	Comment
11:00	13:00	-Current Operation: Halliburton Frac Equip test 9,000 good, JW wire line put guns together had bad E-B Switch
13:00	14:00	Current Operation: Halliburton Frac Equip test 9,000 good, JW wire line put guns together had bad E-B Switch changed out switch test good PU lubricator & Guns. JW wireline testing Lubricator 5,000. Test good. RIH perforate 1st stage. JW wireline testing Lubricator 5,000. Test good. RIH perforate 1st stage.
14:00	16:00	Pressure test lubricator to 5000 psi for 5 minutes, OK. RIH Perforate stage 1 at 12,380-381.5', 10,864-866.5' 10,720-722.5' 10,639-641.5' & 10,553-555.5' 2 ft. 2-3/4" guns at 3 SPF, 120 degrees phasing, 16 gram Titan EXP-3319-322T (RDX). 4 x 2' guns for 24 holes total. Line speed average 350 ft/min. POOH. All tools recovered. All shots fired.
16:00	17:15	14:00-15:00- Test lines to 9,000 psi, OK. Global kick outs set to 7,900 psi. Frac Wasatch stage #1 as follows: max rate 62 bpm. Avg rate 53 bpm, max press 7,650 psi, and Avg press 7,021. Fracked with 1,836 bbl of 25# Delta 200 / slickwater. Pumped 27,800 lbs of 0.5-6 PPG 30/50 white sand. Pumped 0 lbs of 6 PPG 30/50 CRC. Pumped total of 27,800 lbs. Avg HHP: 9,120, ISIP 4,784 psi. 1 min ISDP 4,790 psi. 4 min ISDP 4,775 psi. 10 min ISDP 4,759psi. TLWTR 2,449
17:15	19:30	Problems getting cap off well and getting lubricator on hole, 45 min delay. All is good now. Pressure test lubricator to 5000 psi for 5 minutes, OK. RIH and set plug at 10,535', Perforate stage #2 at 10,492' - 94', 10,411'-13', 10,347'- 53', 2' & 6', 2-3/4" guns at 3 SPF, 120 degrees phasing, 16 gram Titan EXP-3319-322T (RDX). 2 x 2' & 1 x 6' guns for 30 holes total. Line speed average 350 ft/min. POOH. All tools recovered. All shots fired.
19:30	23:00	Engine on mountain mover not running correctly, shut down and repair engine, got filters brought from town and problems solved. restart stage #2
23:00	00:00	Test lines to 9,000 psi, OK. Global kick outs set to 7,900 psi. Frac stage #2 as follows: max rate 62 bpm. Avg rate 57 bpm, max press 7,535 psi, and Avg press 6,089, Fracked with 2,135 bbl of 3% KCL water Pumped 146,889 lbs of 0.5-6 PPG 30/50 white sand. Pumped 0 lbs of 6 PPG 30/50 CRC. Pumped total of 146,889 lbs. Avg HHP: 8,507, ISIP 4980 psi. 1 min ISDP 4,846 psi. 4 min ISDP 4,751 psi. 10 min ISDP 4,723 psi. TLWTR 2,669
Report Start Date 10/13/2013	Report End Date 10/14/2013	24hr Activity Summary Frac stages 3 - 7, RDMO Halliburton frac equipment.
00:00	02:00	Pressure test lubricator to 5000 psi for 5 minutes, OK. RIH and set plug at 10,180', Perforate stage #3 at 10,099' - 103', 9,962'- 64', 9,902'- 06', 4' 2', 4', 2-3/4" guns at 3 SPF, 120 degrees phasing, 16 gram Titan EXP-3319-322T (RDX). 3 guns for 30 holes total. Line speed average 350 ft/min. POOH. All tools recovered. All shots fired.
02:00	03:00	Test lines to 9,000 psi, OK. Global kick outs set to 7,900 psi. Frac stage #3 as follows: max rate 62 bpm. Avg rate 58 bpm, max press 7,249 psi, and Avg press 5,941. Fracked with 2,129 bbl of Produced Water. Pumped 154,802 lbs of 0.5-6 PPG 20/40 ISP. Pumped total of 154,802 lbs. Avg HHP: 8,373, ISIP 4,692 psi. 1 min ISDP 4,635 psi. 4 min ISDP 4,595 psi. 10 min ISDP 4,580psi. TLWTR 2,627 1. Global Kick Outs set at 7900 psi. Pressure tested to 9000 psi. Job pumped with Produced Water 2. Calculated 10 holes open, 1893 psi perf friction, 5 psi NWB as per Fracpro. BC-200-3.3% (3.9), FR-66-4.1% (1.1), BA-40L-4.2% (2.4), MX 2-2738-11.7% (2.2) Optiflo II-2.5% (1.4),



Well Name: Unca Sam 7-16-3-3W

Summary Rig Activity

Start Time	03:00	End Time	04:30	Comment
Start Time	04:30	End Time	05:30	Comment
Start Time	05:30	End Time	09:30	Comment
Start Time	09:30	End Time	11:30	Comment
Start Time	11:30	End Time	13:00	Comment
Start Time	13:00	End Time	14:27	Comment
Start Time	14:27	End Time	16:00	Comment
Start Time	16:00	End Time	20:30	Comment
Start Time	20:30	End Time	21:30	Comment

Pressure test lubricator to 5000 psi for 5 minutes, OK. RIH and set plug at 9,870'.
 Perforate stage #4 at 9,835' - 37', 9,801' - 05', 9,721' - 23', 9,657' - 59' 2', 2', 2', 2-3/4" guns at 3 SPF, 120
 degrees phasing, 16 gram Titan EXP-3319-322T (RDX), 4 guns for 30 holes total. Line speed average 350 ft/min.
 POOH. All tools recovered. All shots fired.

Stage #4 Test lines to 9,000 psi, OK. Test good. Global kick outs set to 7,900 psi. After testing Halliburton
 mountain mover engine went down. Shut down to resolve issue.

After testing Halliburton mountain mover engine went down. Shut down to resolve issue. Halliburton working on
 mountain mover engine

Frac stage #4 as follows: max rate 62 bpm. Avg rate 58 bpm. max press 7,473 psi, and Avg press 6,767.
 Fracked with 1,733 bbl of Produced Water. Pumped 100,800 lbs of 0.5-6 PPG 20/40 IPS. Pumped total of
 100,800 lbs. Avg HHP: 9,620, ISIP 4,618 psi, 1 min ISDP 4,687 psi, 4 min ISDP 4,593 psi, 10 min ISDP
 4,550psi. TLWTR 2,2881. Global Kick Outs set at 7900 psi. Pressure tested to 9000 psi. Job pumped
 with Produced Water. Calculated 12 holes open, 980 psi perf friction, 189 psi NWB as per Fracpro.
 WG-36-5-7% (67.6) BC-200-2.9% (2.8) BA-20-63.2% (12) Scalesorb 7-3.6% (13.1) MX 2-2738-9.3% (15) MCB
 8642-14.5% (2.8)

Pressure test lubricator to 5000 psi for 5 minutes, OK. RIH and set plug at 9,870'.
 Perforate stage #5 at 9,539' - 41', 9,490' - 92', 9,427' - 29', 9,366' - 68' 2', 2', 2', 2-3/4" guns at 3 SPF, 120
 degrees phasing, 16 gram Titan EXP-3319-322T (RDX), 4 guns for 30 holes total. Line speed average 350 ft/min.
 POOH. All tools recovered. All shots fired.

Frac Stage #5 as follows: max rate 62 bpm. Avg rate 60 bpm, max press 6,740 psi, and Avg press 6,398.
 Fracked with 1,913 bbl of Produced Water. Pumped 100,800 lbs of 0.5-6 PPG 20/40 IPS. Pumped total of
 100,800 lbs. Avg HHP: 9,472, ISIP 4,519 psi, 1 min ISDP 4,461 psi, 4 min ISDP 4,378 psi, 10 min ISDP
 4,307psi. TLWTR 2,887. Global Kick Outs set at 7900 psi. Pressure tested to 9000 psi. Job
 pumped with Produced Water. 2 Calculated 8 holes open, 1480 psi perf friction, 1119 psi NWB as per Fracpro
 WG-36-5.5% (60.4) BC-200-2.9%, CL-31-9.6% (1.1), BA-40L-5.1% (2.2), Scalesorb 7-3.6% (13.1) Optiflo II-
 5.1% (2.2), MCB 8642-4.2% (1)

Pressure test lubricator to 5000 psi for 5 minutes, OK. RIH and set plug at 9,350'.
 Perforate stage #6 at 9,318' - 20', 9,300' - 02', 9,252' - 54', 9,204' - 06' 2', 2', 2', 2-3/4" guns at 3 SPF, 120
 degrees phasing, 16 gram Titan EXP-3319-322T (RDX), 4 guns for 24 holes total. Line speed average 350 ft/min.
 POOH. All tools recovered. All shots fired.

wait on frac water,

Test lines to 9,000 psi, OK. Global kick outs set to 7,900 psi.
 Frac Stage #6 as follows: max rate 61 bpm. Avg rate 59 bpm, max press 6,604 psi, and Avg press 6,171.
 Fracked with 1,626 bbl of Produced Water. Pumped 111,900 lbs of 0.5-6 PPG 20/40 IPS. Pumped total of
 111,900 lbs. Avg HHP: 8,959, ISIP 4,428 psi, 1 min ISDP 4,265 psi, 4 min ISDP 4,144 psi, 10 min ISDP 4,075
 psi. TLWTR 2,059.
 Global Kick Outs set at 7900 psi. Pressure tested to 9000 psi. Job pumped with Produced Water
 Calculated 16 holes open, 772 psi perf friction, 337 psi NWB as per Fracpro.



Well Name: Unca Sam 7-16-3-3W

Summary Rig Activity

Start Time	21:30	End Time	22:30	Comment
Start Time	22:30	End Time	00:00	Comment
Report Start Date	10/14/2013	Report End Date	10/15/2013	24hr Activity Summary
Start Time	00:00	End Time	02:00	Comment
Start Time	02:00	End Time	06:00	Comment
Start Time	06:00	End Time	11:00	Comment
Start Time	11:00	End Time	20:00	Comment
Start Time	20:00	End Time	21:30	Comment
Start Time	21:30	End Time	00:00	Comment
Report Start Date	10/15/2013	Report End Date	10/16/2013	24hr Activity Summary
Start Time	00:00	End Time	07:00	Comment
Start Time	07:00	End Time	10:00	Comment
Start Time	10:00	End Time	18:00	Comment
Start Time	18:00	End Time	23:30	Comment

RECEIVED: Nov. 11, 2013



Well Name: Unca Sam 7-16-3-3W

Summary Rig Activity

Start Time	End Time	Comment
23:30	00:00	Tagged up on first kill plug at 23:38. on joint 264 (8.500'). Down weight is 38k, neutral weight is 38k, up weight is 40k, free torque is 1200, drill torque is 1300, Pump psi is 4,400, Pump rate is 3bpm, Flow psi is 3,000, flow rate is 3bpm, Choke size is 18/64, Drill time was 13min.
Report Start Date: 10/16/2013 Report End Date: 10/17/2013 24hr Activity Summary: MIRU WOR RIH DO Plugs		
00:00	04:15	<p>Comment</p> <p>Tagged up on Second kill plug at 00:19. on joint 265 (8.500'). Down weight is 36k, neutral weight is 38k, up weight is 40k, free torque is 1200, drill torque is 1300, Pump psi is 4,400, Pump rate is 3bpm, Flow psi is 3,000, flow rate is 3bpm, Choke size is 18/64, Drill time was 13min.</p> <p>Tagged up on First frac plug at 00:58. on joint 269 (8.696'). Down weight is 36k, neutral weight is 38k, up weight is 40k, free torque is 1200, drill torque is 1300, Pump psi is 4,400, Pump rate is 3bpm, Flow psi is 3,000, flow rate is 3bpm, Choke size is 18/64, Drill time was 30min.</p> <p>Tagged up on Second frac plug at 02:50. on joint 290 (9.362'). Down weight is 42k, neutral weight is 44k, up weight is 46k, free torque is 1200, drill torque is 1300, Pump psi is 4,600, Pump rate is 3.4bpm, Flow psi is 3,200, flow rate is 3bpm, Choke size is 18/64, Drill time was 22min.</p> <p>Comment</p> <p>04:15- Blew the packing on the RBS swivel. We are going to RD RBS swivel and RU the Basic swivel that was delivered last night.</p> <p>05:30- Done RU swivel back to DO plugs</p>
04:15	05:30	<p>Comment</p> <p>04:15- Blew the packing on the RBS swivel. We are going to RD RBS swivel and RU the Basic swivel that was delivered last night.</p> <p>05:30- Done RU swivel back to DO plugs</p>
05:30	06:45	<p>Comment</p> <p>Tagged up on Third frac plug at 02:50. on joint 296 (9.560'). Down weight is 42k, neutral weight is 44k, up weight is 46k, free torque is 1200, drill torque is 1300, Pump psi is 4,600, Pump rate is 3.4bpm, Flow psi is 3,200, flow rate is 3bpm, Choke size is 18/64, Drill time was 22min.</p>
06:45	08:00	<p>Comment</p> <p>Tagged up on 4th frac plug at 07:20. on joint 306 (9.876'). Down weight is 42k, neutral weight is 44k, up weight is 46k, free torque is 1200, drill torque is 1300, Pump psi is 4,600, Pump rate is 3.4bpm, Flow psi is 3,200, flow rate is 3bpm, Choke size is 18/64, Drill time was 22min.</p>
08:00	11:00	<p>Comment</p> <p>Plugs 5 was not there wash down & tagged @ 10.542</p> <p>Tagged up on 6th frac plug at 10:00am on joint 325 (10.542"). Down weight is 42k, neutral weight is 50k, up weight is 49k, free torque is 1200, drill torque is 1300, Pump psi is 4,600, Pump rate is 3.4bpm, Flow psi is 3,200, flow rate is 3bpm, Choke size is 18/64, Drill time was 20min.</p>
11:00	15:00	<p>Comment</p> <p>Wash down to jt 339 (10.970) Circulating Bottom up w/2 well bore volumes @ pump 3 bpm in 3 bpm out @ 4,000.</p>
15:00	18:00	<p>Comment</p> <p>POOH LD 74 jts 2-3/8" tbg to 8,607, Just started Circulating @ 8,607' pumping 3 bpm in 3 bpm out @ 3,500 psi. Circulating clean @ 8,607'</p>
18:00	20:15	<p>Comment</p> <p>17:15-Washed the bowl out with hot water using 30bbbls.</p> <p>18:00- held a PJSM with everybody on location to talk about the nights events with landing the well, ND the BOP stack, NU production tree and RD the rig.</p> <p>18:15- Hand to go get an equalizing hose off another location.</p> <p>19:00- Equalized over and landed the extended neck hanger with a TWC valve in it.</p> <p>19:30- Tested the hanger to 250psi for 5 minutes and 9600psi for 10 minutes.</p> <p>20:15- Mountain States rig is now in the process of RD.</p>
20:15	22:15	<p>Comment</p> <p>Mountain States RD the WOR.</p>



Summary Rig Activity

Well Name: Unca Sam 7-16-3-3W

Start Time	22:15	End Time	00:00	Comment
Report Start Date	10/17/2013	Report End Date	10/18/2013	24hr Activity Summary
Start Time	00:00	End Time	02:00	Comment
Start Time	02:00	End Time	03:00	Comment
Start Time	03:00	End Time	06:00	Comment
Start Time	06:00	End Time	10:30	Comment

22:15- B&G Crane, Knight, Cameron and Rockwater started to RD flowback iron, ND the BOP stack and NU the production tree.

Turn well over to production

00:30-Finish testing the production tree and RD flowback iron.

Pumped off the bit popped at 4600psi @ 2bpm. It took 18bbbls.

Still doing oil transfer out of the flowback tanks. Rockwater still RD.
03:30- Rig crew left location.
04:00- Hot oiler left due to breaking down

New Hot Oil pulled on location, flow back tanks & transportation oil to production tank. Clean up location.

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: 14-20-H62-6051
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: Unca Sam 7-16-3-3W
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013522170000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1997 FNL 1981 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 03.0S Range: 03.0W Meridian: U		COUNTY: DUCHESNE
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/4/2013	<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 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Daily Drilling Reports"/>

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

As per our conversation with Dustin Doucet, attached find the Daily Drilling Reports for the above mentioned well.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 22, 2016**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 1/21/2016	

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Job Category	Job Start Date	Job End Date

Daily Operations		
Report Start Date	Report End Date	24hr Activity Summary
8/3/2013	8/4/2013	Set 60' of 14" conductor pipe.
Start Time	End Time	Comment
00:00	00:00	Pete Martin Rig #16 spudded 20" hole on 08/03/2013 and drilled to 60' GL. Set 14", 36.75# (0.250" wall), A52A conductor pipe at 60' GL and cemented to surface with Redi Mix. Kylan Cook notified UDOGM and BLM by e-mail @ 23:10 PM on 08/01/2013 to spud conductor hole on 08/03/2013. Ready for surface rig.
Report Start Date	Report End Date	24hr Activity Summary
8/8/2013	8/9/2013	MIRU. Spud 12.25" surface hole. Drill from 60' GL to 240' GL.
Start Time	End Time	Comment
00:00	22:00	MIRU Pro Petro Rig #10.
Start Time	End Time	Comment
22:00	23:00	Start picking up BHA. Trip in hole to 60' GL.
Start Time	End Time	Comment
23:00	00:00	Spud 12.25" hole @ 23:00 PM on 08/08/2013. Drill from 60' GL to 240' GL.
Report Start Date	Report End Date	24hr Activity Summary
8/9/2013	8/10/2013	Drill from 240' GL to 1168' GL. Trip out of hole. Run and cement surface casing. Wait on cement, clean pits, and rig down. Release rig @ 21:00 PM on 08/09/2013.
Start Time	End Time	Comment
00:00	00:30	Circulate for survey. Take Single Shot survey @ 180' GL = 0.75 Degrees.
Start Time	End Time	Comment
00:30	01:30	Drill from 240' GL to 490' GL.
Start Time	End Time	Comment
01:30	02:00	Circulate for survey. Take Single Shot survey @ 430' GL = 1.25 Degrees.
Start Time	End Time	Comment
02:00	03:00	Drill from 490' GL to 730' GL.
Start Time	End Time	Comment
03:00	03:30	Circulate for survey. Take Single Shot survey @ 670' GL = 0.50 Degrees.
Start Time	End Time	Comment
03:30	04:30	Drill from 730' GL to 1000' GL.
Start Time	End Time	Comment
04:30	05:00	Circulate for survey. Take Single Shot survey @ 940' GL = 0.75 Degrees.
Start Time	End Time	Comment
05:00	06:00	Drill from 1000' GL to 1168' GL. TD 12.25" hole @ 06:00 AM on 08/09/2013.
Start Time	End Time	Comment
06:00	06:30	Circulate for survey. Take Single Shot survey @ 1110' GL = 1.50 Degrees.
Start Time	End Time	Comment
06:30	08:00	Circulate to trip out of hole and run surface casing.
Start Time	End Time	Comment
08:00	11:00	Trip out of hole to run surface casing.

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Start Time			End Time			Comment		
11:00			11:30			Rig up to run surface casing. No detectable water flow while drilling. Well flowing 12 gallons per minute at the start of running casing.		
Start Time			End Time			Comment		
11:30			14:00			Run 27 joints (1148.37') of 9 5/8", 36.0#, J-55, LT&C casing with Top-Co guide shoe and float collar. 12 centralizers spaced 10' from the shoe, on top of joints #2 and #3 then every 3rd collar to surface. Landed @ 1148.37' GL, Float Collar @ 1103.44' GL. Circulate last joint of casing down.		
Start Time			End Time			Comment		
14:00			14:30			Circulate with casing on bottom.		
Start Time			End Time			Comment		
14:30			15:30			Weld top cap from casing to conductor pipe.		
Start Time			End Time			Comment		
15:30			16:00			Circulate casing with rig pump. Rig up Pro Petro Cementers.		
Start Time			End Time			Comment		
16:00			17:00			Cement Job: Pumped 10 bbls fresh water & 20 bbls gelled water flush ahead of cement. Mixed and pumped 675 sacks (138.2 bbls) of Premium Class G Cement with 2% CaCl ₂ , and 1/4 #/sk Flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 85 bbls fresh water. Bumped plug with 1000# @ 16:32 PM on 08/09/2013. Floats held. 54 bbls cement to surface. Shut in well after pumping stopped. Kylan Cook notified UDOGM and BLM of the surface casing & cement job via e-mail on 08/08/2013 @ 19:00 PM.		
Start Time			End Time			Comment		
17:00			21:00			Wait on cement, clean pits, and rig down. Release rig @ 21:00 PM on 08/09/2013.		
Report Start Date	Report End Date	24hr Activity Summary						
8/28/2013	8/29/2013	Finish preparation of location for drilling rig.						
Start Time			End Time			Comment		
00:00			00:00			08/16/2013 - Drill Mouse Hole. 08/23/2013 - Final blade location. 08/26/2013 - Weld on Wellhead. 08/28/2013 - Cement cellar floor. Location is ready for drilling rig.		
Report Start Date	Report End Date	24hr Activity Summary						
9/16/2013	9/17/2013	Rig down top drive and rig down for move, move 30 of 40 loads to Unca Sam.						
Start Time			End Time			Comment		
00:00			06:00			Rig down top drive and rig down for move on the Ute Tribal 7-2-3-4W		
Start Time			End Time			Comment		
06:00			19:00			JD Oilfield service arrived at 06:30 for safety meeting with 2 truck pushers, 2 forklifts, 6 bed trucks, 7 haul trucks, 1 crane and 1 safety person. Make 8 mile move with camps, set skid rail, pipe tubs, pits, pumps. Move 30 loads out of 40 loads, from the Ute Tribal 7-2-3-4W to Unca Sam 7-16-3-3W. Estimated spud 9/18/2013.		
Start Time			End Time			Comment		
19:00			00:00			Shut down, wait on daylight.		
Report Start Date	Report End Date	24hr Activity Summary						
9/17/2013	9/18/2013	Wait on daylight, PJSM w/JD Field services and rig crews, set sub, mud boat, spot carrier, raise derrick, set in front yard RU top drive, NU BOP.						
Start Time			End Time			Comment		
00:00			18:00			Wait on daylight, PJSM w/JD Field services and rig crews, set and raise sub set mud boat, spot carrier, raise derrick to full mast, set in front yard, set Peak equip. set top drive and ST-80 on floor, set bar hoppers and hopper house, hang service loop. Release trucks at 16:30, release crane at 17:30 . Run fuel lines, power lines and Guy wires.		

NEWFIELD



Summary Rig Activity

Well Name: Unca Sam 7-16-3-3W

Start Time		18:00	End Time	00:00	Comment
					Rig up top drive
Report Start Date	Report End Date	24hr Activity Summary			
9/18/2013	9/19/2013	Continue to RU top drive, NU BOP and test. drill cmt, FIT, drilling/1168' - 2047'.			
Start Time		00:00	End Time	04:00	Comment
					Rig up top drive
Start Time		04:00	End Time	10:30	Comment
					Nipple up bop, rig accepted on day work at 04:00 9/18/2013.
Start Time		10:30	End Time	16:30	Comment
					Test BOP's: HSM/JSA RU B&C Quick Test. Test Upper and Lower Kelly Valve to 250 low and 5000 psi high. Test IBOP and full open Safety valves to 250 low and 5000 psi high. Install Test Plug and test well head Connection, Pipe Rams on 4" DP, kill and Choke line valves, HCR and inside Choke Manifold Valves to 250 psi low and 5000 psi high. Test Annular to 250 low and 3500 psi high. Pull Drill pipe and Test Blind rams and outside choke line valves to 250 low and 5000 high. Test casing to 1500 psi. for 30 min. Test mud line back to pumps to 250 low and 5000 high.
Start Time		16:30	End Time	17:00	Comment
					Install wear bushing
Start Time		17:00	End Time	17:30	Comment
					Rig service
Start Time		17:30	End Time	19:30	Comment
					PU BHA
Start Time		19:30	End Time	20:00	Comment
					Install rotating rubber
Start Time		20:00	End Time	22:30	Comment
					Drill float collar and shoe track plus 10' of new hole, to 1178', FIT with 8.5 ppg mud to 282 psi, 13 ppg EMW.
Start Time		22:30	End Time	00:00	Comment
					DRLG 1178' - 1422', 244' @ 162.6 FPH. WOB 18-28K, 490 GPM, 1900 SPP, 150-380 DIFF, RPM 75, MTR 118, TRPM 192. VIS 36, WT 8.5 PPG.
Report Start Date	Report End Date	24hr Activity Summary			
9/19/2013	9/20/2013	Continue drilling f/1422' - 4721'			
Start Time		00:00	End Time	08:00	Comment
					DRLG 1422" - 2423", 1001' @ 125 FPH. WOB 18-28K, 490 GPM, 1900 SPP, 150-380 DIFF, RPM 75, MTR 118, TRPM 192. VIS 36, WT 8.5 PPG.
Start Time		08:00	End Time	17:00	Comment
					Drilled 1322' of 8 3/4" hole from 2423' to 3745' at 146.8 fph average with KCL water. Drilling Parameters: 26 to 30 K WOB, 350 to 600 PSI delta P with 2350 to 2500 PSI Pump pressure and 60 to 90 RPM (rotary) 120 RPM (Motor), Pumping 500 GPM. Bit speed between 180 and 220 RPM.
Start Time		17:00	End Time	17:30	Comment
					(JSA) Lubricate rig and Top Drive system. Inspect Service Loop On TDS and service Mud pumps.
Start Time		17:30	End Time	00:00	Comment
					Drilled 986' of 8 3/4" hole from 3745' to 4731' at 151 fph average with KCL water. Drilling Parameters: 26 to 32 K WOB, 350 to 600 PSI delta P with 2350 to 2800 PSI Pump pressure and 60 to 90 RPM (rotary) 125 RPM (Motor), Pumping 510 GPM. Bit speed between 180 and 220 RPM with a relative MSE target of .2 KSI Reaming every connection to aid vertical control and to give the cuttings time to circulate up hole prior to shutting pumps off, adding EZ-MUD down the drill pipe on connections and mixing Chrystal-Drill over the suction for hole stability and to prevent balling. Changed swab in #2 mud pump at 4619', drilled with 1 pump to 4630 with no gamma Data.
Report Start Date	Report End Date	24hr Activity Summary			
9/20/2013	9/21/2013	Drilling from 4721' - 6749'			

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Start Time	00:00	End Time	05:00	Comment
				Drilled 860' of 8 3/4" hole from 4731' to 5591' at 171 fph average with KCL water. Drilling Parameters: 26 to 32 K WOB, 350 to 600 PSI delta P with 2350 to 2800 PSI Pump pressure and 60 to 90 RPM (rotary) 125 RPM (Motor), Pumping 510 GPM. Bit speed between 180 and 220 RPM with a relative MSE target of .2 KSI Reaming every connection to aid vertical control and to give the cuttings time to circulate up hole prior to shutting pumps off, adding EZ-MUD down the drill pipe on connections and mixing Chrystal-Drill over the suction for hole stability and to prevent balling. Swept hole at 5011 with 30 bbl's of weighted (13.0 PPG) high vis (100+ sec/qt) sweep
Start Time	05:00	End Time	06:30	Comment
				Drill string Stuck on Bottom, Work through tight spot in top of trona at 5585'
Start Time	06:30	End Time	07:00	Comment
				Drilled 38' of 8 3/4" hole from 5591' to 5629' at 76 fph average with KCL water. Drilling Parameters: 26 to 32 K WOB, 350 to 600 PSI delta P with 2350 to 2800 PSI Pump pressure and 60 to 90 RPM (rotary) 125 RPM (Motor), Pumping 510 GPM. Bit speed between 180 and 220 RPM with a relative MSE target of .2 KSI
Start Time	07:00	End Time	08:00	Comment
				Replace Swab in # 1 mud pump and clean out suction screens then service pumps.
Start Time	08:00	End Time	16:30	Comment
				Drilled 567' of 8 3/4" hole from 5629' to 6196' at 67 fph average with KCL water. Drilling Parameters Per engineer: 26 K WOB, 350 to 500 PSI delta P with 2650 to 2800 PSI Pump pressure and 35 to 60 RPM (rotary) 115 RPM (Motor), Pumping 585 GPM. Bit speed between 150 and 175 RPM. Drilling fluid (8.9 ppg) is getting very dirty, Night tour Peak did not mix acid to de-water so PH Came up to 12 and De-watering is not performing well. Continue to mix EZ-MUD down the pipe on connections. Sweep hole at 5830' and 6010' with high vis (100+ sec/qt) weighted (13 ppg) sweeps
Start Time	16:30	End Time	17:00	Comment
				(JSA) Service rig and top drive, Lubricate travelling block and crown. Inspect service loop.
Start Time	17:00	End Time	00:00	Comment
				Drilled 553' of 8 3/4" hole from 6196' to 6749' at 79 fph average with KCL water. Drilling Parameters: 28 to 32 K WOB, 450 to 600 PSI delta P with 2650 to 2800 PSI Pump pressure and 40 to 95 RPM (rotary) 125 RPM (Motor), Pumping 510 GPM. Bit speed between 180 and 220 RPM. Began "mud up" at 6350' Sweeping hole with high Vis weighted sweeps while mixing EZ-MUD and Barazan D when sweeps returned we began blending Pre Hydrated GEL and weighted whole mud into System to achieve a 40 to 45 Vis and 9.5 ppg. Peak Solids control stopped De-watering at 6350 but continued to run centrifuges in stripping mode. At midnight the mud condition was 44 vis with weight of 9.5 ppg going in and 43 vis with density of 9.6 ppg coming out. As the well bore cleaned up a large amount of half dollar sized chunks of "Trona Marker Shale" were circulated out.
Report Start Date	9/21/2013	Report End Date	9/22/2013	24hr Activity Summary
				Drilling from 6749 to 8082 * Recieved and clean & drift casing
Start Time	00:00	End Time	03:30	Comment
				Drilled 197' of 8 3/4" hole from 6749' to 6946' at 56 fph average with KCL water. Drilling Parameters: 28 to 32 K WOB to achieve 450 to 600 PSI fi with 2650 to 2800 PSI Pump pressure, adjusting Rotary 40 to 95 RPM with 125 RPM at motor while pumping 510 GPM for bit speed between 180 and 220 RPM. Adjusting bit speed and weight to maintain target differential and Mud:45 Vis and 9.5 ppg. Peak Solids control equipment running centrifuges in stripping mode. .

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

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Start Time	03:30	End Time	04:00	Comment
				(JSA) Service rig and top drive.
Start Time	04:00	End Time	14:00	Comment
				Drilled 755' of 8 3/4" hole from 6946' to 7701' at 75 fph average with KCL water. Drilling Parameters: 28 to 32 K WOB to achieve 450 to 600 PSI fi with 2800 to 3200 PSI Pump pressure, adjusting Rotary 40 to 95 RPM with 125 RPM at motor while pumping 510 GPM for bit speed between 180 and 220 RPM. Adjusting bit speed and weight to maintain target differential and MSE Target Mud:45 Vis and 9.5 ppg. Peak Solids control equipment running centrifuges in stripping mode. Mud weight 9.3 ppg
Start Time	14:00	End Time	15:00	Comment
				Pump Repair, change out Cap gasket then replace gasket between suction moduels.
Start Time	15:00	End Time	15:30	Comment
				(JSA) Lubricate rig and Top drive.
Start Time	15:30	End Time	00:00	Comment
				Drilled 381' of 8 3/4" hole from 7701' to 8082' at 45 fph average with KCL water. Drilling Parameters: 28 to 32 K WOB to achieve 450 to 600 PSI with 2900 to 3300 PSI Pump pressure, adjusting Rotary 40 to 95 RPM with 125 RPM at motor while pumping 510 GPM for bit speed between 180 and 220 RPM. Adjusting bit speed and weight to maintain differential and MSE Target Slide to reduce angle from 7952' to 7976' (24' in 30 min) from 8014' to 8036' (22' in 20 minutes) total slides 46' in 50 minutes. slide ROP was 50.4 FPM Mud:45 Vis and 9.5 ppg. Peak Solids control equipment running centrifuges in stripping mode. Mud weight 9.3 ppg

Report Start Date	Report End Date	24hr Activity Summary
9/22/2013	9/23/2013	Drilled to 8510' TD Interval, Pulled out of hole and rig repair

Start Time	00:00	End Time	00:30	Comment
				(JSA) Lubricate rig and top drive, Inspect Service loop on TDS
Start Time	00:30	End Time	07:30	Comment
				Drilled 428' of 8 3/4" hole from 8082' to 8510' at 61 fph average with KCL water. Drilling Parameters: 28 to 32 K WOB to achieve 450 to 300 PSI diff with 3300 to 3550 PSI Pump pressure, adjusting Rotary 60 to 85 RPM with 115 RPM at motor while pumping 480 GPM for bit speed between 175 and 200 RPM. Adjusting bit speed and weight to maintain differential and MSE Target Mud: increase mud weight from 45 Vis and 9.5 ppg. to 46 Vis and 10.2 ppg to prepare for trip / logging operations Peak Solids control centrifuges: 1 in polishing mode and 1 in barite recovery mode. Mud weight 10.2 ppg Drilled Lower Black Shale top at 8447 MD and Back ground gas increased from 250 - 400u to 3000 - 3500u
Start Time	07:30	End Time	14:00	Comment
				(JSA) Pump 60 bbl high vis (100+) weighted (13 ppg) sweep and circulate to increase Mud weight to contro formation gas. Raise Mud weight from 10.1 ppg to 11.1 ppg at .3 ppg per circulation. Adding Desco to disperse and prepare mud for logging and casing operations. (JSA) Lubricate rig while circulating From 13:00 to 13:30, Serviced rig and top drive and inspected TDS service Loop, Also lubricated crown and travelling blocks and inspected Drilling line.
Start Time	14:00	End Time	15:00	Comment
				(JSA) Short trip - Check well for flow and pull up to 7889' and Check flow then Trip in to 8510, Monitor well on Trip Tank (Well not taking proper fill)

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Start Time			End Time			Comment		
15:00			17:00			Circulate Bottoms up at 8510' (peaked at 485 u with no flare) Increased mud weight from 11.1 to 11.3 ppg while circulating. Build and pump slug (40 BBLs at 12.5 ppg) and fill trip tank.		
Start Time			End Time			Comment		
17:00			18:30			(JSA) Pull out of hole from 8410' to 5940', Monitor well on trip tank (hole taking proper fill)		
Start Time			End Time			Comment		
18:30			23:30			(JSA) Rig Repair - Replace Main drive chain In draw Works on Drum Clutch side. Also noticed Broken off bolts in main drum sprocket so those were drilled out and replaced. Reassemble Draw works guards and test Draw works.		
Start Time			End Time			Comment		
23:30			00:00			(JSA) Rig service - Lubricate draw works and Top Drive.		
Report Start Date	Report End Date	24hr Activity Summary						
9/23/2013	9/24/2013	Pull out of hole, laid down BHA, Log (Unsuccessful) Pick up reaming assembly and run in to 1770', Wash and ream to 1880'						
Start Time			End Time			Comment		
00:00			03:30			(JSA) Pull out of hole from 5943' to 1108', worked through tight spot at 5585' Top of Trona and at 3820' and made sure they were cleaned out.		
Start Time			End Time			Comment		
03:30			06:00			(JSA) Cut and slip 240' of drilling line		
Start Time			End Time			Comment		
06:00			06:30			(JSA) Pull rotating Head. and change elevators for HWDP		
Start Time			End Time			Comment		
06:30			09:00			(JSA) Pull out of hole, lay down HWDP and Jars, lay down directional tools.		
Start Time			End Time			Comment		
09:00			13:00			(JSA&PJSM) Rig up loggers and Run in hole with Halliburton Tripple combo. Tag bridge at 1795' Try to work through with no success.		
Start Time			End Time			Comment		
13:00			13:30			(JSA) Service rig and top drive. Inspect service loop on TDS		
Start Time			End Time			Comment		
13:30			16:30			(JSA) Rack and pick up BHA for clean out run (Bit sub, 2- 6 1/8" DC, Drillig Jar, 7- 4 1/2" HWDP) Trip in hole to 850' BOP drill While trip in hole. Actuate Pipe rams, HCR and Super Choke.		
Start Time			End Time			Comment		
16:30			00:00			(JSA) Wash and Ream from 1787' to 1880, Ream Through Bridges at 1774', 1795, and 1847' Ream with 2 to 5 K wob and 3 to 6 K differential torque.		
Report Start Date	Report End Date	24hr Activity Summary						
9/24/2013	9/25/2013	Wash and ream from 1880' to 2069, POOH to 1580' then trip in and continue to wash and ream to 2194						
Start Time			End Time			Comment		
00:00			03:00			(JSA) Wash and Ream working through tight spot from 1818' to 1880', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque then back ream out and repeat until well bore section cleans up.		
Start Time			End Time			Comment		
03:00			03:30			(JSA) Service rig and top drive. Inspect service loop on TDS		
Start Time			End Time			Comment		
03:30			12:00			(JSA) Wash and Ream from 1880' to 2069', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque then back ream out and repeat until well bore section cleans up, then make sure pipe can be moved freely through section without pump or rotation.		
Start Time			End Time			Comment		
12:00			12:30			(JSA) Pull out of hole from 2069' to 1505 then trip in from 1505' to 2038' to make sure well bore is stabile. Bridged at 2038' *BOP Drill, Pipe ram actuated.		

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Report Start Date 9/25/2013			Report End Date 9/26/2013			24hr Activity Summary Wash and ream to 2194', Pull out of hole for bit, Trip in hole to 2160 , W&R through tight spots and trip in hole to bottom		
Start Time	12:30	End Time	15:30	Comment	Conitue to wash and ream with same paramiters as above from 2038 to 2090 Mud weight: 11.3+			
Start Time	15:30	End Time	16:00	Comment	(JSA) Service rig and top drive. Inspect service loop on TDS, Service and inspect Mud pumps.			
Start Time	16:00	End Time	00:00	Comment	(JSA) Wash and Ream from 2069' to 2194', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque then back ream out and repeat until well bore section cleans up.			
Start Time	00:00	End Time	03:30	Comment	(JSA) Wash and Ream from 2130' to 2194', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque then back ream out and repeat until decision is made to pull out of hole for bit.			
Start Time	03:30	End Time	04:00	Comment	(JSA) Lubricate rig and service top drive.			
Start Time	04:00	End Time	06:00	Comment	(JSA) Pull out of the hole for bit			
Start Time	06:00	End Time	09:00	Comment	(JSA) Trip - Make up Bit. Clean floor and Prep HWDP, Pick up 7 Jts HWDP and trip in hole to 2160'			
Start Time	09:00	End Time	12:30	Comment	(JSA) Wash and Ream from 2160' to 2413', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque.			
Start Time	12:30	End Time	13:30	Comment	(JSA) Trip in from 2413' to 3037			
Start Time	13:30	End Time	15:00	Comment	(JSA) Wash and Ream from 3037' to 3381', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque.			
Start Time	15:00	End Time	15:30	Comment	(JSA) Trip in from 3381' to 3632'			
Start Time	15:30	End Time	16:00	Comment	(JSA) Wash and Ream from 3632' to 3695', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque.			
Start Time	16:00	End Time	18:00	Comment	(JSA) Trip in from 3695' to 6395'			
Start Time	18:00	End Time	18:30	Comment	(JSA) Wash and Ream from 6395' to 6455', Ream through bridges with 2 to 5 K wob and 3 to 6 K differential torque.			
Start Time	18:30	End Time	21:00	Comment	(JSA) Trip in from 6455' to 7966 then Pick up drill pipe and run in from 7966 to 8460 then wash down to 8510'			
Start Time	21:00	End Time	00:00	Comment	Circulate at 480 GPM with 2800 PSI, Work pipe an and condition mud, Pump sweeps to clean out well bore. Trip Gas = 3400 u (No flare)			
Report Start Date 9/26/2013			Report End Date 9/27/2013			24hr Activity Summary Pull out of hole and lay down BHA. Pick up 7" casing and run to 8505. Circulate casing		
Start Time	00:00	End Time	00:30	Comment	Circulate, pump sweeps to clean hole. Circulate at 480 GPM / fill trip tank and weight up slug. Pump slug (40 bbls at 12.5 ppg)			
Start Time	00:30	End Time	01:00	Comment	(JSA) Rig service, Lubricate rig and top drive, Inspect Service loop on top drive system.			
Start Time	01:00	End Time	06:30	Comment	Pull out of hole to run casing (no excess drag) Lay down BHA			

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

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Start Time	06:30	End Time	07:00	Comment
				Prepare floor for casing run, Change out elevator links on top drive.
Start Time	07:00	End Time	07:30	Comment
				(JSA) lubricate rig and top drive.
Start Time	07:30	End Time	08:30	Comment
				Hold prejob safety meeting with Casing and rig crews, Rig up casing tongs and torque turn.
Start Time	08:30	End Time	23:30	Comment
				Run 7" 26# P110 Casing from surface to 8405' with Franks Casers and LOR consulting. Fill pipe from mud hose on rig floor and sedge up to fill and break circulation at 400', 5000 then Break circulation and wash last Joint to bottom washed down 14' of fill and set Shoe at 8509 for cement. *While running casing in the hole at 6500' the drilling foreman discovered that the Wear bushing had not been pulled before casing run began. Attempted to pull wear bushing by install a spare centralizer on the casing and lowering it through the wear bushing to retrieve wear bushing from well head however the rig crew was unable to center the BOP stack well enough to allow the "friction bite" with the centralizer to pull the wear bushing all the way out of the BOP. The Foreman contacted drilling super. and drilling Engineer and the decision was made to run in the hole and cement the casing then lift the BOP and remove the wear bushing then set slips.
Start Time	23:30	End Time	00:00	Comment
				Circulate casing with rig pumps at 4 bpm and rig down Casing tools.
Report Start Date	Report End Date	24hr Activity Summary		
9/27/2013	9/28/2013	Spot casing shoe at 8509 and cement casing. Nipple down BOPE and remove wear bushing then instal slips in well head, Nipple up BOPE and test		
Start Time	00:00	End Time	03:00	Comment
				(JSA and Tailgate meeting with cement crew) Circulate casing with rig pumps at 4 BPM and rig up Halliburton cement equipment on ground. Hold prejob safety meeting with Halliburton and rig crew.
Start Time	03:00	End Time	03:30	Comment
				Held prejob safety meeting with Halliburton and Rig crew.
Start Time	03:30	End Time	06:30	Comment
				Hook up cement Head and pressure test pump and lines to 3000 PSI then Cement casing with 480 sx lead at 11.5 ppg, 305 sx Tail at 14 ppg and displace with 321 bbl's of mud at 11.3 ppg. Full returns throughout job, got back tuned spacer and 34 bbl's of clean cement. Plug bumped with 1650 psi and floats held. Pressured up to 2000 psi and held for 30 minutes for casing test.
Start Time	06:30	End Time	08:00	Comment
				Rig down cement head and cementing Equipoment. Wash out BOPE and flowline
Start Time	08:00	End Time	08:30	Comment
				Held Prejob Safety Meeting with Eager Bever testing and cameron crews as well as rig crew
Start Time	08:30	End Time	15:00	Comment
				Pick up and set bop lift winches in place, Rig up Hydraulics and tie on to BOP. Nipple down flow line, remove turnbuckles and hydraulic lines. Nipple down well head to BOP connection and lift BOP. Retrieve Wear Bushing from well head and set slips on casing. Set 220 k Weight on slips. Cut casing and remove wear bushing then clean up and bevel cut-off and install pack off.
Start Time	15:00	End Time	17:30	Comment
				(JSA) Set down BOP stack and Nipple up with well head connection. Install flowline and turnbuckles then Hook up and test hydraulic lines. Rig down BOP lift Winches.
Start Time	17:30	End Time	18:00	Comment
				(JSA) Lubricate rig and Top drive system, Routine rig service.
Start Time	18:00	End Time	19:00	Comment
				(JSA) Rig down Long (casing) Elevator links and casing elevators. Rig up standard elevator links and drill pipe elevators.

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Start Time			End Time			Comment		
19:00			00:00			(HSM/JSA) Pressure test BOPE with Eager Beaver testers. Test IBOP and full open Safety valves to 250 low and 5000 psi high. Install Test Plug and test well head Connection, Pipe Rams on 4" DP, kill and Choke line valves, HCR and inside Choke Manifold Valves to 250 psi low and 5000 psi high. Test Annular to 250 low and 3500 psi high. Pull Drill pipe and Test Blind rams and outside choke line valves to 250 low and 5000 high.		
Report Start Date	Report End Date	24hr Activity Summary						
9/28/2013	9/29/2013	Finish testing BOPE, Pick up BHA and trip in hole, Tag plug at 8405 and drill cement and 10' of new hole. FIT to 15 PPG EMW. Drill to 8757 and Repair top drive.						
Start Time			End Time			Comment		
00:00			00:30			Continue Testing BOPE - Test Uper and lower Kelly Valve and IBOP on top drive to 250 Low for 5 minutes then 5000 High for 10 minutes.		
Start Time			End Time			Comment		
00:30			01:00			(JSA) Lubricate rig and top drive - Routine Rig Service.		
Start Time			End Time			Comment		
01:00			08:00			(JSA and PJSM with Pay Zone) Pick up Mud motor and make up Bit, Then pick up and Scribe directional tools. Trip in Picking up HWDP and Jars then test Pulse tool at 1058'. Trip in hole to 8405' and tag plug.		
Start Time			End Time			Comment		
08:00			09:00			Drill out Plug and Float collar at 8405 then drilled cement and shoe track to 8510' then drilled new formation to 8520'		
Start Time			End Time			Comment		
09:00			11:00			Circulate hole clean and condition mud for 11.5 ppg		
Start Time			End Time			Comment		
11:00			11:30			BOP Drill (62 seconds) Shut in pipe rams, open HCR and perform FIT test with B&C Quick test to 15 ppg. Test Mud weight at 11.5 PPG		
Start Time			End Time			Comment		
11:30			16:00			(JSA) Drilled 169' of 6 1/8" hole from 8520' to 8689' at 37.5 fph. with 16 to 18 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 2720 PSI with 500 Differential MW 11.5 ppg Slide from 8627 to 8638 (11' in 1/2 hr.		
Start Time			End Time			Comment		
16:00			16:30			(JSA) Lubricate Rig and Top Drive. Inspect service loop on top drive.		
Start Time			End Time			Comment		
16:30			18:00			(JSA) Drilled 68' of 6 1/8" hole from 8689' to 8757' at 45.3 fph. with 16 to 18 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 2720 PSI with 500 Differential MW 11.5 ppg		
Start Time			End Time			Comment		
18:00			00:00			(JSA)Rig repair - Top Drive, Wait for Top drive tech, (Arrived at 2100) Replace plug ends on top drive controle cable.		
Report Start Date	Report End Date	24hr Activity Summary						
9/29/2013	9/30/2013	Drilled from 8757 to 9672 increasing mud weight to control formation gas						
Start Time			End Time			Comment		
00:00			01:30			Repair TOP DRIVE Power Suply Cord. with top drive service tech and electrician.		
Start Time			End Time			Comment		
01:30			02:00			(JSA) Rig service, Inspect top drive service loop and Lubricate rig and top drive.		
Start Time			End Time			Comment		
02:00			16:00			(JSA) Drilled 563' of 6 1/8" hole from 8757 to 9320' at 40 fph. with 16 to 18 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 2720 PSI with 500 Differential Raised mud weight from 11.5 to 11.7 ppg at 9150' BG gas 1230u at 16:00 with MW 11.7 ppg		
Start Time			End Time			Comment		
16:00			16:30			(JSA) Rig service, Inspect top drive service loop and Lubricate rig and top drive.		

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Start Time	16:30	End Time	00:00	Comment (JSA) Drilled 352' of 6 1/8" hole from 9320' to 9672' at 47 fph. with 16 to 18 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 3250 PSI with 500 Differential Raised mud weight from 11.7 to 12.6 ppg * Drilling with 10 to 15' flare.
Report Start Date	9/30/2013	Report End Date	10/1/2013	24hr Activity Summary Drilled from 9672 to 10884 with flare to 10380 then with flare on connection btms up. increased mw from 13.5 to 14.1 while drilling
Start Time	00:00	End Time	00:30	Comment (JSA) Service rig and top drive.
Start Time	00:30	End Time	16:00	Comment (JSA) Drilled 888' of 6 1/8" hole from 9672 to 10560' at 57.4 fph. with 16 to 18 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 3500 PSI with 500 Differential Raised mud weight from 12.6 to 13.9 ppg * Drilling with 2300u back ground gas with 5 to 10' flare on connections.
Start Time	16:00	End Time	16:30	Comment (JSA) Lubricate draw works and traveling blocks, Service top drive and inspect service loop on TDS, lubricate crown
Start Time	16:30	End Time	00:00	Comment (JSA) Drilled 324' of 6 1/8" hole from 10560' to 10884' at 43.2 fph. with 18 to 23 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 3500 PSI with 500 Differential Raised mud weight at 13.9 ppg * Drilling with 1100u BGG, no flare.
Report Start Date	10/1/2013	Report End Date	10/2/2013	24hr Activity Summary Drilled to TD @ 11171, Circulated to condition and short trip, Increased MW to 14.8 ppg and trip out for logs.
Start Time	00:00	End Time	04:00	Comment (JSA) Drilled 126' of 6 1/8" hole from 10884' to 11010' at 31.5 fph. with 20 to 23 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 3500 PSI with 500 Differential. Raised mud weight to 14.2 ppg * Drilling with 1100u BGG, no flare.
Start Time	04:00	End Time	04:30	Comment (JSA) Lubricate rig and top drive system. Inspect service loop on top drive.
Start Time	04:30	End Time	09:00	Comment (JSA) Drilled 161' of 6 1/8" hole from 11010' to TD at 11171' at 35.7 fph. with 20 to 23 K WOB and 70 to 80 rotary RPM. Mud motor RPM at 128 Rpm at 280 GPM with 3500 PSI with 500 Differential. Raised mud weight to 14.4 and started raising to 14.6 ppg * Drilling with 1100u BGG, no flare. TD well at 09:00
Start Time	09:00	End Time	15:00	Comment Circulate and condition, Pumped 40 BBL sweep to clean hole then circulated and continued to raise weight to 14.6 ppg. (Sweep did not bring a lot of cuttings back) Checked well for flow (no Flow) Circulated bottoms up from flow check and got 3400 u. Mud weight was raised to 14.8 ppg for trip margin.
Start Time	15:00	End Time	18:00	Comment (JSA) Short trip to Casing shoe at 8509' (No excess drag) then trip in hole to 11171' (NO FILL)
Start Time	18:00	End Time	20:00	Comment Circulate bottoms up (3400 U) no flare, Continue to circulate then Check for flow (No Flow) Pump Slug to dry Pipe (45 BBLs at 15.8)

NEWFIELD**Summary Rig Activity****Well Name: Unca Sam 7-16-3-3W**

Start Time			End Time			Comment		
20:00			00:00			(JSA) Pull out of hole (SLM) from 11171' to 2911' stopping to check well for flow at 9732, 8279, 6827, 5373 and 3930. Dropped Rabbit at 8500'. Monitored closely the well for proper fill using the trip tank and recorded on trip sheet.		
Report Start Date	Report End Date	24hr Activity Summary						
10/2/2013	10/3/2013	POOH, Lay down directional tools, Log, Run casing and liner top ass., Trip liner in hole, Circulate casing.						
Start Time			End Time			Comment		
00:00			02:00			(JSA) Continue to Pull out of hole for logs from 2911 to surface. Lay down directional tools and check well for flow, NO FLOW. Close Blind rams.		
Start Time			End Time			Comment		
02:00			02:30			(JSA) Lubricate rig and top drive.		
Start Time			End Time			Comment		
02:30			10:00			(JSA) Rig Up Halliburton loggers and Hold pre job safety meeting with Logging crew and rig crew. Run Wire Line logs Single run (QUAD COMBO) to loggers TD of 11166' Bottom density tool failed but decision was made to continue with logging run.		
Start Time			End Time			Comment		
10:00			10:30			(JSA) Lubricate Top drive and Blocks and crown. Inspect service loop on TDS system.		
Start Time			End Time			Comment		
10:30			15:30			(JSA) Rig up casing crew and hold Pre Job safety Meeting with Franks casing crews and rig crews. Make up shoe track (Guide shoe, 2 Jts, Float collar, 1 Jt and Plug landing collar) then run 62 Joints of 11.6 ppf P-110 LT&C casing with Make up Torque-Turn also performed by Franks. Franks safety Coordinator and Regional safety manager present on location throughout job. Load plug and Make up liner top assembly, Rig down casing crews. Fill Pipe on rig floor with low pressure mud line while running. Swedge up and circulate through float equipment at Joint #5 then swedge up and fill at # 25, 45 and 65 Pump casing volume prior to making up liner top assembly. Total Liner length: 2977.09'		
Start Time			End Time			Comment		
15:30			20:00			(JSA) Trip in hole with Liner from 2980' to 8450' Fill drill pipe every 15 Stand. Monitor and record Displaced volumes to ensure proper mud return.		
Start Time			End Time			Comment		
20:00			22:30			Circulate Casing (175 GPM) at 8450, Bottoms up gas was 3200 units with mud returns routed through gas buster sustaining a 45' flare. continued to circulate a second bottoms up to make sure casing annulus was free of gas. Halliburton cement trucks arrived on location at 22:00		
Start Time			End Time			Comment		
22:30			00:00			(JSA) Trip in hole with Liner from 8450' to 11171' filling drill pipe every 15 stands. Monitor and record mud displacement volumes to ensure proper displacement. Tag bottom and space out, Lay down 1 Joint and pick up cement head. hook up to rig circulating equipment and break circulation at 175 GPM.		
Report Start Date	Report End Date	24hr Activity Summary						
10/3/2013	10/4/2013	Cement casing with Halliburton, Shoe at 11165 and liner top at 8187.9. Displace hole, LDDP, set BPV, Nipping down BOP.						
Start Time			End Time			Comment		
00:00			04:00			Circulate casing at 175 GPM while rigging up Halliburton. Transfer mud to storage tanks to prepare for cement and displacement. Hold pre job safety meeting with Halliburton cement crew.		

NEWFIELD



Summary Rig Activity

Well Name: Unca Sam 7-16-3-3W

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Start Time	End Time	Comment
04:00	05:00	Cement casing with Halliburton: 04:05 circulation with rig pump stopped 04:10 hook up cement truck to cement head 04:19 pressure test pump lines and cement head to 9500 psi and hold for 4 minutes. 04:23 bleed off pressure and begin batch up tuned spacer 04:29 start pumping tuned spacer at 15.3 ppg with 1300 psi at 4 Bpm 04:39 40 bbl's of tuned spacer gone at 15.3 ppg 04:40 begin pumping cement at 15.8 ppg with 1360 psi at 4 Bpm 04:59 71 bbl's cement gone at 15.8 ppg with 430 psi at 4 Bpm 05:00 close down hole on cement head and wash up to pit.
05:00	06:00	Comment Displace casing and Hang liner with Shoe at 11165 and liner top at 8187.9: 05:07 drop drill pipe dart and start displacement with 4 Bpm at 1300 psi with Kcl Displacement: 10 bbl's Kcl water away with 1430 psi at 4 Bpm 20 bbl's Kcl water away with 1650 psi at 4 Bpm 30 bbl's Kcl water away with 1900 psi at 4 Bpm 40 bbl's Kcl water away with 2130 psi at 4 Bpm 8 bbl's gel water away with 2350 psi at 4 Bpm 05:20 Start reciprocating casing 10 bbl's mud away with 2650 psi at 4 Bpm 20 bbl's mud away with 2520 psi at 4 Bpm with good returns 30 bbl's mud away with 2600 psi at 4 Bpm 05:29 stop reciprocation due to 20 to 25k down drag set shoe at 11165' 40 bbl's mud away with 2620 psi at 4 Bpm with good returns 50 bbl's mud away with 2620 psi at 4 Bpm 60 bbl's mud away with 2780 psi at 4 Bpm 70 bbl's mud away with 2750 psi 05:38 Bumped plug with 71 bbl's away at 4200 psi (TOTAL DISPLACEMENT 119 BBL's) 05:40 check floats, flowed back 3.5 bbl's continued to flow. Shut bypass and pressured back up to 800 psi and open valve rapidly. Flowed back 2 bbl's floats held. ** Hang off liner at 8187.9: 05:47 drop ball 05:50 begin pumping ball down at 1 Bpm shear rupture disc at 5400 psi increase rate to 4 Bpm with 960 psi Pump ball down: 10 bbl's mud away with 960 psi at 4 Bpm 20 bbl's mud away with 930 psi at 4 Bpm 30 bbl's away with 930 psi at 4 Bpm 40 bbl's away with 930 psi at 4 Bpm 46 bbl's away caught pressure 06:02 Ball on seat with 2400 Psi Reduce rate to 1 Bpm and pressure up to 5400 then increasing to 7200 psi to deploy liner top Elastomer, pressure dropped to 400 psi and flow retuned 06:07 pull test to 226k (50k over pull) 06:08 begin pumping 1 Bpm with 70 psi, pull free from hanger with 5 to 10 k up drag pick up 25' to sting out of PBR

NEWFIELD



Summary Rig Activity

Well Name: Unca Sam 7-16-3-3W

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Start Time	06:00	End Time	09:00	Comment
				Pressure test liner top and displace Drilling fluids from well with 2% KCL water with Magnacide 575: *** Pressure test 06:10 shut in well with pipe rams and line up choke manifold for pressure test. 06:14 begin pumping at 1 Bpm pressure up to 2000 psi 06:19 pressure to 2000 psi, begin test 06:24 pressure test held with pressure increase to 2037 psi 06:25 verify valve alignment and bleed pressure through rig choke **** Displace mud. 06:31 open pipe rams and begin rolling the hole with 100 bbl's fresh water flush then 2% Kcl water with Magnacide 575 06:33 start pumping at 7 Bpm with 2700 psi 08:45 Shut down Pump with clean KCL water returns 530 bbl's pumped CEMENT returns 20 BBL's back Rig down halliburton
Start Time	09:00	End Time	12:00	Comment
				(JSA) Pull out of hole, Lay down drill pipe from 8179 to 5945'
Start Time	12:00	End Time	13:00	Comment
				Slip and cut 130' of DL.
Start Time	13:00	End Time	13:30	Comment
				Rig service
Start Time	13:30	End Time	20:00	Comment
				Pull out of hole, Lay down drill pipe from 5945', Lay down liner tools.
Start Time	20:00	End Time	21:30	Comment
				TIH 46 stands
Start Time	21:30	End Time	00:00	Comment
				LDDP f/2900'
Report Start Date	Report End Date	24hr Activity Summary		
10/4/2013	10/4/2013	Set and test BPV, nipple down BOP		
Start Time	00:00	End Time	02:00	Comment
				Set and test BPV
Start Time	02:00	End Time	08:00	Comment
				Nipple down BOP, set night cap, Release rig @ 08:00 10/4/13.