

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-21835	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CO. AGREEMENT NAME: NA	
2. NAME OF OPERATOR: Newfield Production Company				9. WELL NAME and NUMBER: State 13-36-8-15	
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052			PHONE NUMBER: (435) 646-3721	10. FIELD AND POOL, OR WILDCAT: Monument Butte	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SW/SW 661' FSL 660' FWL <i>509336X 40.069075</i> AT PROPOSED PRODUCING ZONE: <i>44355304 -110.186122</i>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 8S 15E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 14.2 miles southwest of Myton, Utah				12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 660' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: 640.00 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 1321'		19. PROPOSED DEPTH: 6,315		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5885' GL		22. APPROXIMATE DATE WORK WILL START: <i>3rd Qtr. 2009</i>		23. ESTIMATED DURATION: (7) days from SPUD to rig release	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	300	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,315	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25. **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 checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE *Mandie Crozier* DATE 2/27/09

(This space for State use only)

API NUMBER ASSIGNED: 43013-34223 APPROVAL: _____

RECEIVED
MAR 09 2009
DIV. OF OIL, GAS & MINING

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/09/2009

API NO. ASSIGNED: 43-013-34223

WELL NAME: STATE 13-36-8-15
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 36 080S 150E
 SURFACE: 0661 FSL 0660 FWL
 BOTTOM: 0661 FSL 0660 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.06908 LONGITUDE: -110.18692
 UTM SURF EASTINGS: 569336 NORTHINGS: 4435530
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/23/09
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-21835
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-7478)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

Needs Post (03-01-09)

STIPULATIONS:

- 1- Spacing STIP
- 2- STATEMENT OF BASIS
- 3- Surface Csg Cut Steps

Application for Permit to Drill

Statement of Basis

3/12/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1306	43-013-34223-00-00		OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY	Surface Owner-APD			
Well Name	STATE 13-36-8-15	Unit			
Field	MONUMENT BUTTE	Type of Work			
Location	SWSW 36 8S 15E S 661 FSL 660 FWL GPS Coord (UTM) 569336E 4435530N				

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 600'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill
APD Evaluator

3/12/2009
Date / Time

Surface Statement of Basis

The general location is approximately 12 road miles southwest of Myton, UT in the upper portion of the Pleasant Valley Drainage. Wells Draw is approximately 2 miles to the east and the Ute Tribal Indian Reservation 1 mile to the west. Broad flats with rolling hills characterize the area. Flats are often intersected by drainages with gentle to moderate side slopes. Flats at lower elevations to the northeast are frequently used for agriculture. No seeps, springs or streams are known to exist in the immediate area. An occasional pond for livestock watering occurs. Pleasant Valley Wash drains into the Pariette Draw drainage of Duchesne County. The lower reaches of both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 18 miles down drainage from the area. Access is by State and County and existing or proposed oilfield development roads to within 1850 feet of the site. From this point additional construction will be required.

The proposed State 13-36-8-15 oil well location is laid out in an east to west direction across a flat with a very gentle slope to the north. No drainages intersect the location and no diversions will be required. The proposed site appears to be a suitable location for constructing a pad and drilling and operating a well.

Both the surface and minerals are owned by SITLA. Ed Bonner and Jim Davis of SITLA were invited to the pre-site evaluation. Neither attended.

Pat Rainbolt and Ben Williams represented the Utah Division of Wildlife Resources. Mr. Rainbolt stated the area was classified as substantial value antelope habitat but did not recommend any restrictions for this species. No other wildlife should be significantly affected. Mr. Rainbolt gave Mr. Eaton of Newfield Production Company a copy of his written evaluation and also a UDWR seed mix recommendation to be used when the reserve pit and location are reclaimed.

Floyd Bartlett
Onsite Evaluator

3/4/2009
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

3/12/2009

Page 2

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name STATE 13-36-8-15
API Number 43-013-34223-0 **APD No** 1306 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWSW **Sec** 36 **Tw** 8S **Rng** 15E 661 FSL 660 FWL
GPS Coord (UTM) 569346 4435531 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Tim Eaton and Brian Foote (Newfield Production Company), Ben Williams and Pat Rainbolt (Utah Division of Wildlife Resources).

Regional/Local Setting & Topography

The general location is approximately 12 road miles southwest of Myton, UT in the upper portion of the Pleasant Valley Drainage. Wells Draw is approximately 2 miles to the east and the Ute Tribal Indian Reservation 1 mile to the west. Broad flats with rolling hills characterize the area. Flats are often intersected by drainages with gentle to moderate side slopes. Flats at lower elevations to the northeast are frequently used for agriculture. No seeps, springs or streams are known to exist in the immediate area. An occasional pond for livestock watering occurs. Pleasant Valley Wash drains into the Pariette Draw drainage of Duchesne County. The lower reaches of both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 18 miles down drainage from the area. Access is by State and County and existing or proposed oilfield development roads to within 1850 feet of the site. From this point additional construction will be required.

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Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0.3	Width 199	Length 300	Onsite
			UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

A sparse desert shrub type consisting of blue gramma grass, shadscale, greasewood, black sage, broom snakeweed, needle and thread grass, rabbitbrush, prickly pear, curly mesquite grass and spring annuals occupies the area.

Cattle, prairie dogs, antelope, small mammals and birds.

Soil Type and Characteristics

Deep sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 20 1 **Sensitivity Level**

Characteristics / Requirements

A 50' x 70' x 8' deep reserve pit is planned in an area of cut on the northeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N **Liner Required?** **Liner Thickness** 16 **Pit Underlayment Required?** Y

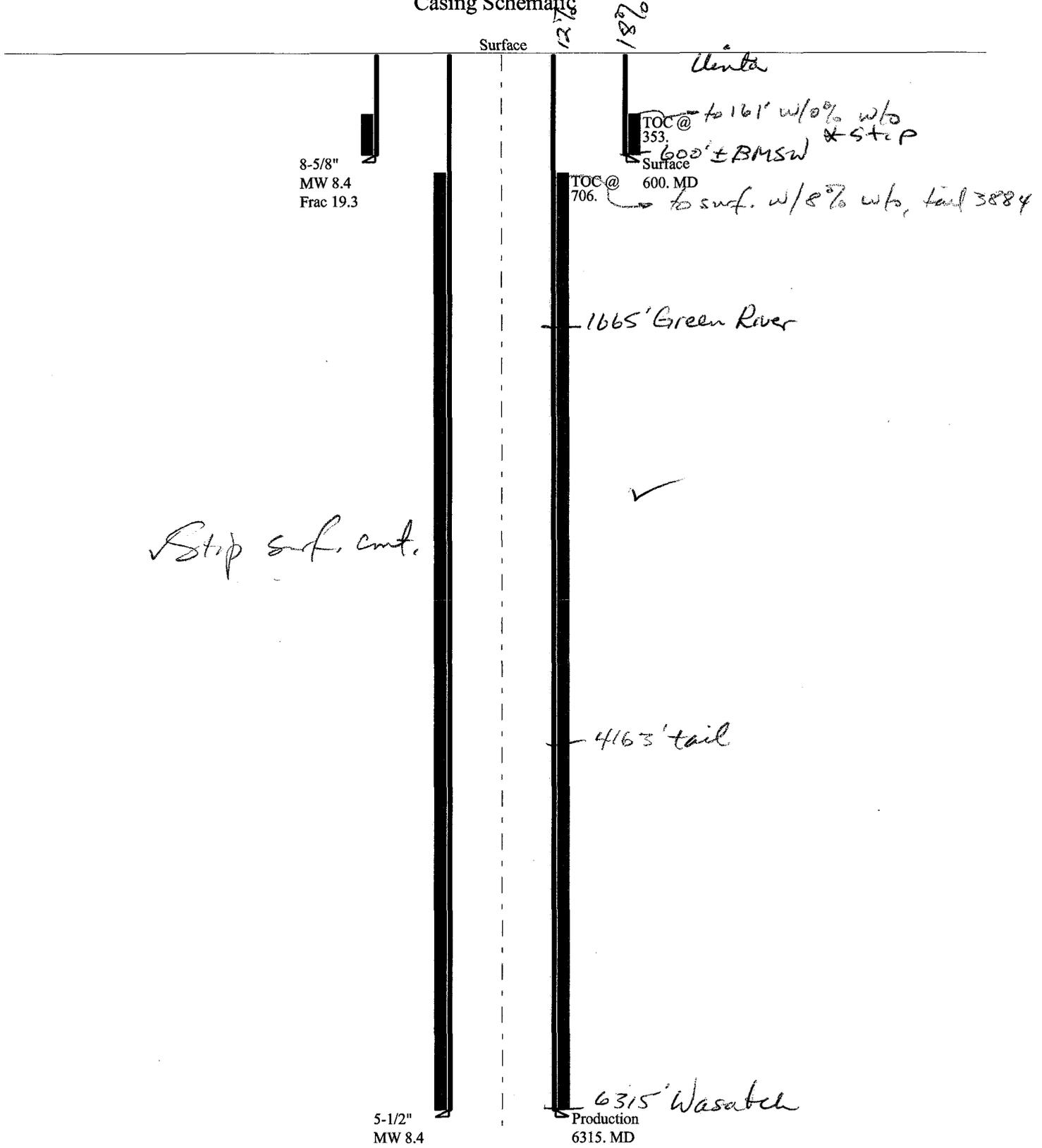
Other Observations / Comments

Floyd Bartlett
Evaluator

3/4/2009
Date / Time

43013342230000 State 13-36-8-15

Casing Schematic



8-5/8"
MW 8.4
Frac 19.3

5-1/2"
MW 8.4

Surface

TOC@
706. 600. MD

TOC@
353.
Surface

Uenta

to 161' w/0% w/o *stop

600' ± BMSW

to surf. w/8% w/o, tail 3884

1665' Green River

4163' tail

6315' Wasatch
Production
6315. MD

Stop surf. cont.

Well name:	43013342230000 State 13-36-8-15		Project ID:
Operator:	Newfield Production Company		43-013-34223-0000
String type:	Surface		
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 528 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 600 psi

 No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on air weight.
 Neutral point: 524 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 73 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 185 ft

Cement top: 353 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,315 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 2,756 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 600 ft
 Injection pressure: 600 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	600	8.625	24.00	J-55	ST&C	600	600	7.972	214.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	262	1370	5.233	600	2950	4.92	14	244	16.94 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 810-538-5357

Date: April 14, 2009
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 600 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013342230000 State 13-36-8-15	
Operator:	Newfield Production Company	
String type:	Production	Project ID: 43-013-34223-0000
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,366 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 2,756 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,512 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 153 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 706 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6315	5.5	15.50	J-55	LT&C	6315	6315	4.825	843.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2756	4040	1.466	2756	4810	1.75	85	217	2.54 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 810-538-5357

Date: April 14, 2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 6315 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Newfield State 13-36-8-15

API 43-013-34223-0000

INPUT

Well Name

Newfield State 13-36-8-15		API 43-013-34223-0000	
String 1	String 2		
Casing Size (")	8 5/8	5 1/2	
Setting Depth (TVD)	600	6315	
Previous Shoe Setting Depth (TVD)	0	600	
Max Mud Weight (ppg)	8.4	8.4	✓
BOPE Proposed (psi)	0	2000	
Casing Internal Yield (psi)	2950	4810	
Operators Max Anticipated Pressure (psi)	2734	8.3 ppg	✓

Calculations		String 1	8 5/8 "	
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$		262	
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	190	NO	BOPE Adequate For Drilling And Setting Casing at Depth? Air drill
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	130	NO	
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	130	NO	*Can Full Expected Pressure Be Held At Previous Shoe? <i>Reasonable depth in area</i>
Required Casing/BOPE Test Pressure		600	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi	*Assumes 1psi/ft frac gradient

Calculations		String 2	5 1/2 "	
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$		2758	
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	2001	NO	BOPE Adequate For Drilling And Setting Casing at Depth? Air Drill
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	1369	YES ✓	
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	1501	NO	*Can Full Expected Pressure Be Held At Previous Shoe? <i>Reasonable</i>
Required Casing/BOPE Test Pressure		2000	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		600	psi	*Assumes 1psi/ft frac gradient

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 4/2/2009 10:49 AM
Subject: Newfield Approvals (14)

CC: Garrison, LaVonne; mcrozier@newfield.com; teaton@newfield.com

The following wells have been approved by SITLA including arch and paleo clearance.

Newfield Production's State 5-36-8-15 [API #4301334230]

Newfield Production's State 2-36-8-15 [API #4301334233]

Newfield Production's State 15-36-8-15 [API #4301334221]

Newfield Production's State 14-36-8-15 [API #4301334222]

Newfield Production's State 13-36-8-15 [API #4301334223]

Newfield Production's State 12-36-8-15 [API #4301334224]

Newfield Production's State 11-36-8-15 [API #4301334225]

Newfield Production's State 1-36-8-15 [API #4301334234]

Newfield Production's State 10-36-8-15 [API #4301334226]

Newfield Production's State 9-36-8-15 [API #4301334227]

Newfield Production's State 8-36-8-15 [API #4301334228]

Newfield Production's State 6-36-8-15 [API #4301334229]

Newfield Production's State 3-36-8-15 [API #4301334232]

Newfield Production's State 4-36-8-15 [API #4301334231]

-Jim

Jim Davis
Utah Trust Lands Administration
jjmdavis1@utah.gov
Phone: (801) 538-5156

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			6. MINERAL LEASE NO: ML-21835	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: NA	
2. NAME OF OPERATOR: Newfield Production Company			9. WELL NAME and NUMBER: State 13-36-8-15	
3. ADDRESS OF OPERATOR: Route #3 Box 3630 Myton		STATE UT ZIP 84052	PHONE NUMBER: (435) 646-3721	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SW/SW 661' FSL 660' FWL AT PROPOSED PRODUCING ZONE:			10. FIELD AND POOL, OR W/LOCAT: Monument Butte	
569 336 X 4435530 Y			40.069075 +110.186922	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 14.2 miles southwest of Myton, Utah			12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 660' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: 640.00 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 1321'		19. PROPOSED DEPTH: 6,315		20. BOND DESCRIPTION: #B001834
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5885' GL		22. APPROXIMATE DATE WORK WILL START: 3rd Qtr 2009		23. ESTIMATED DURATION: (7) days from SPUD to rig release

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12 1/4	8 5/8	J-55	24.0	600	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,315	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25. 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 checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist
SIGNATURE *Mandie Crozier* DATE 4/3/09

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34223

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

RECEIVED

APR 03 2009

DIV. OF OIL, GAS & MINING

Date: 04-27-09
(See Instructions on Reverse Side)

By: *[Signature]*

NEWFIELD PRODUCTION COMPANY
STATE 13-36-8-15
SW/SW SECTION 36, T8S, R15E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 – 1,665'
Green River	1,665'
Wasatch	6,315'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 1,665' – 6,315'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM:

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 600' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

RECEIVED
APR 03 2009
DIV. OF OIL, GAS & MINING

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBSD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 2009, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
STATE 13-36-8-15
SW/SW SECTION 36, T8S, R15E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State 13-36-8-15 located in the SW¼ SW¼ Section 36, T8S, R15E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly - 6.4 miles to it's junction with an existing road to the west; proceed southwesterly - 2.8 miles ± to it's junction with an existing road to the south; proceed in a southerly direction - 2.3 miles ± to it's junction with an existing road to the southwest; proceed southwesterly - 0.7 miles ± to it's junction with an existing road to the northeast; proceed northeasterly - 0.2 miles ± to it's junction with the beginning of the proposed access road to the north; proceed northerly along the proposed access road - 1,850' ± to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 1,850 of access road is proposed and will require a R.O.W. from the Bureau of Land Management. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock)

removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 1,850' of disturbed area be granted to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Newfield Production Company requests 2,990' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Survey is attached. MOAC Report #08-301, 1/26/09. See attached report cover page, Exhibit "D". The Paleontological Resource Survey will be forthcoming.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the State 13-36-8-15, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the State 13-36-8-15 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

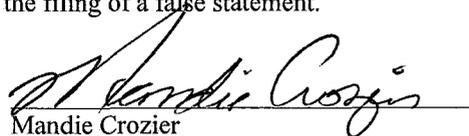
Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #13-36-8-15, SW/SW Section 36, T8S, R15E, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

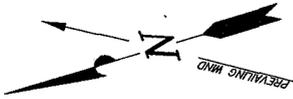
2/27/09
Date _____


Mandie Crozier
Regulatory Specialist
Newfield Production Company

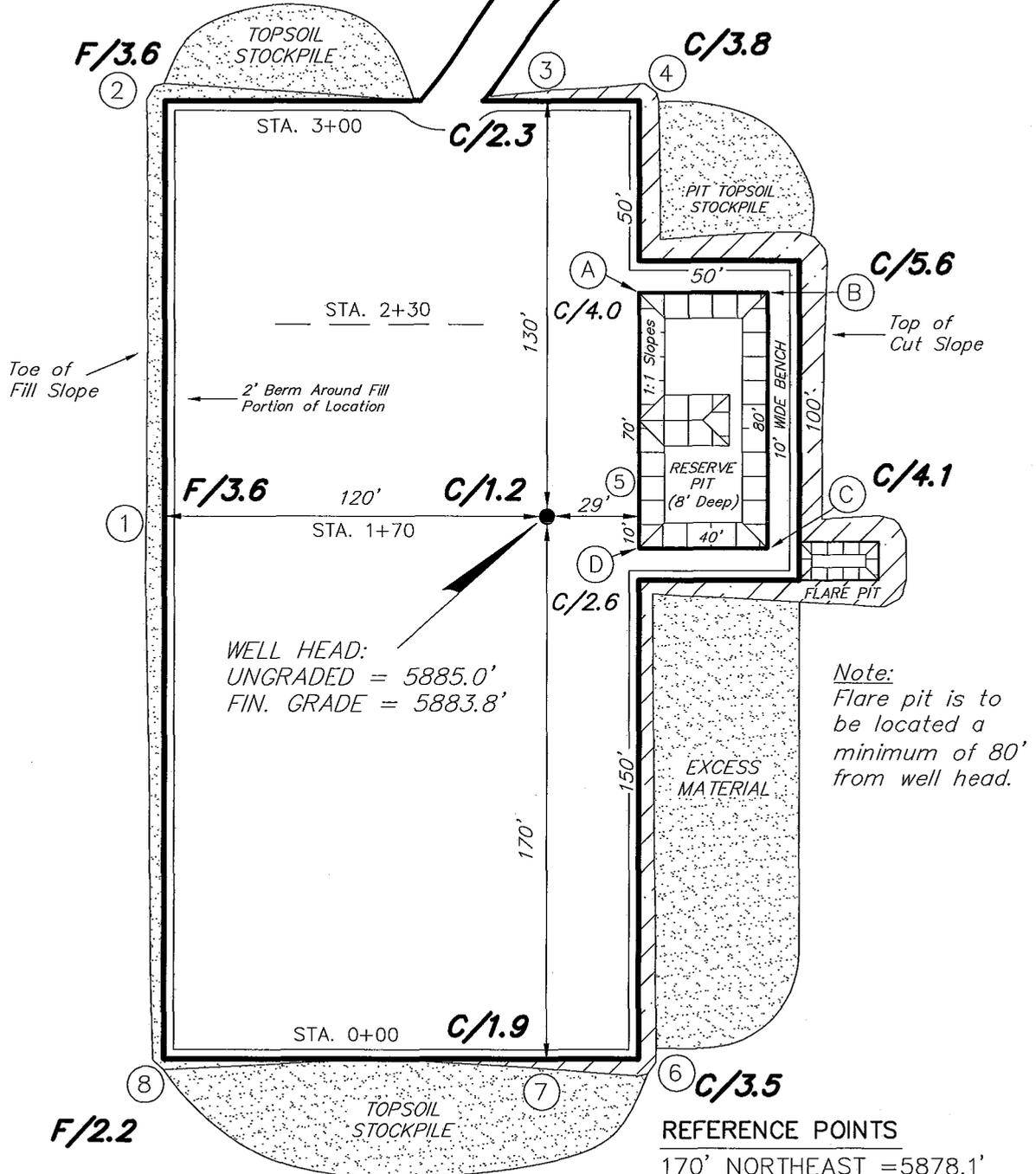
NEWFIELD PRODUCTION COMPANY

STATE 13-36-8-15

Section 36, T8S, R15E, S.L.B.&M.



PROPOSED
ACCESS ROAD
(Max. 6% Grade)



WELL HEAD:
UNGRADED = 5885.0'
FIN. GRADE = 5883.8'

Note:
Flare pit is to
be located a
minimum of 80'
from well head.

REFERENCE POINTS

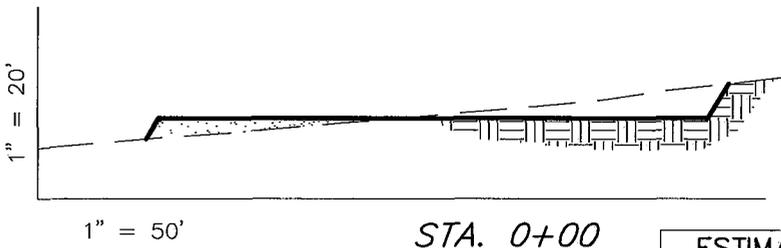
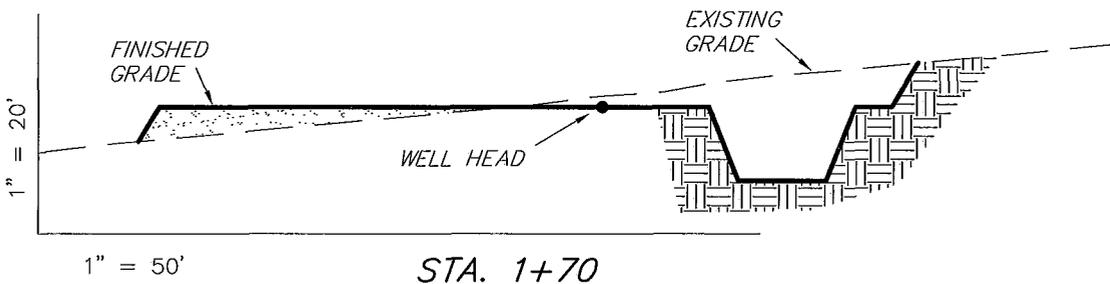
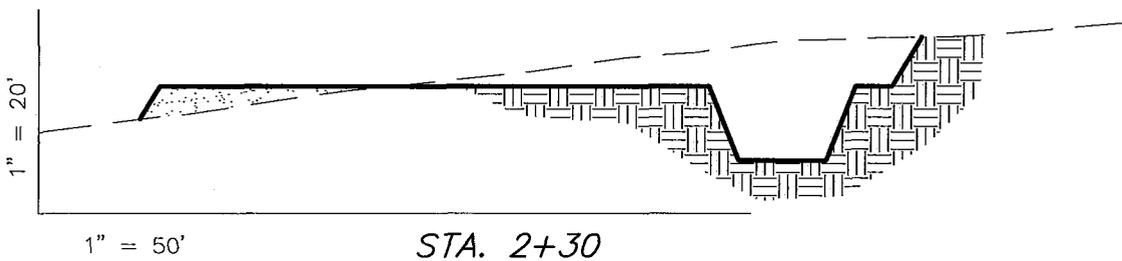
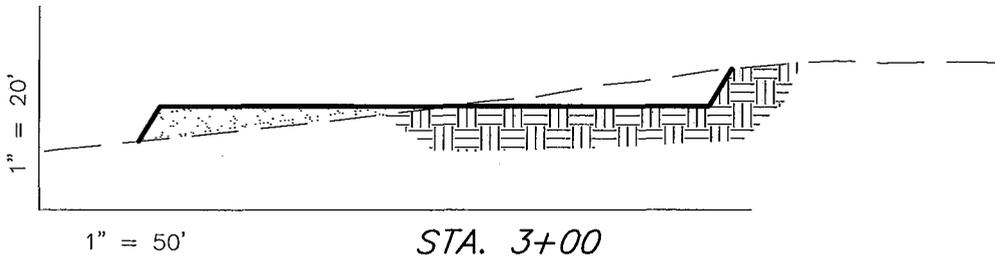
- 170' NORTHEAST = 5878.1'
- 220' NORTHEAST = 5876.2'
- 220' NORTHWEST = 5886.4'
- 270' NORTHWEST = 5887.6'

SURVEYED BY: C.M.	DATE SURVEYED: 12-01-08
DRAWN BY: F.T.M.	DATE DRAWN: 12-19-08
SCALE: 1" = 50'	REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS STATE 13-36-8-15



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,920	1,920	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,560	1,920	1,020	640

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

SURVEYED BY: C.M.	DATE SURVEYED: 12-01-08
DRAWN BY: F.T.M.	DATE DRAWN: 12-19-08
SCALE: 1" = 50'	REVISED:

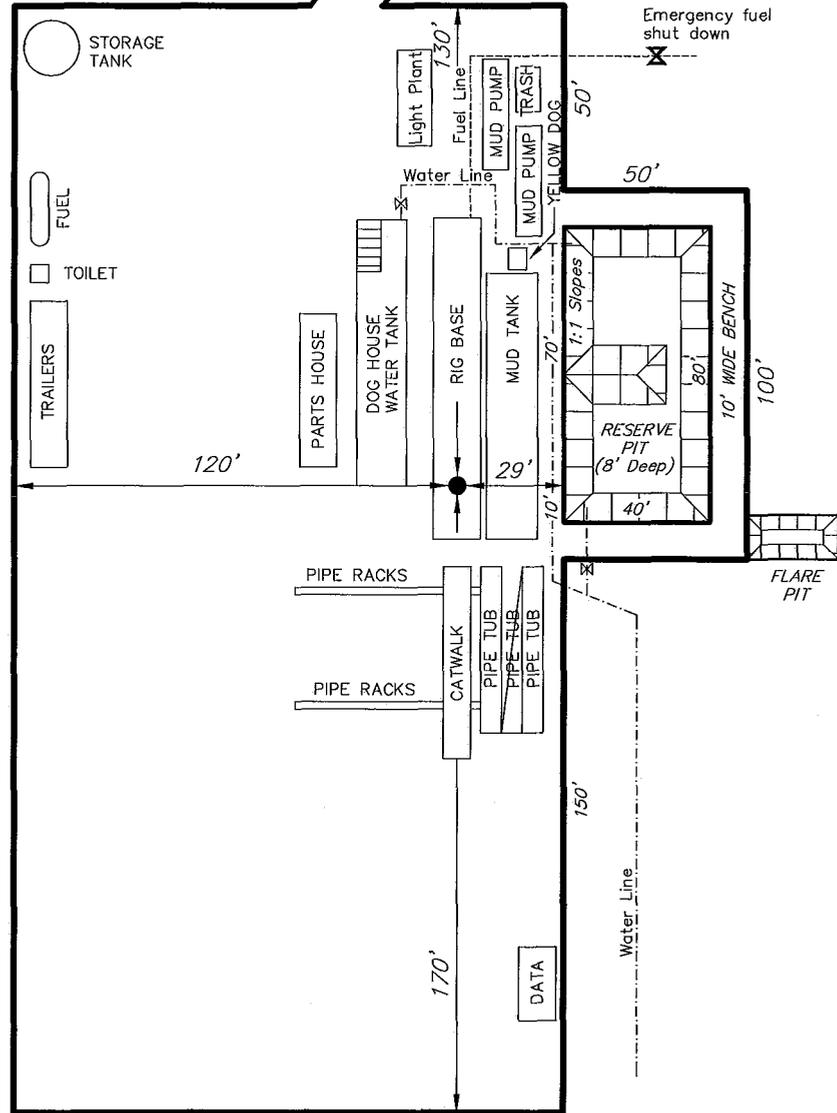
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT STATE 13-36-8-15

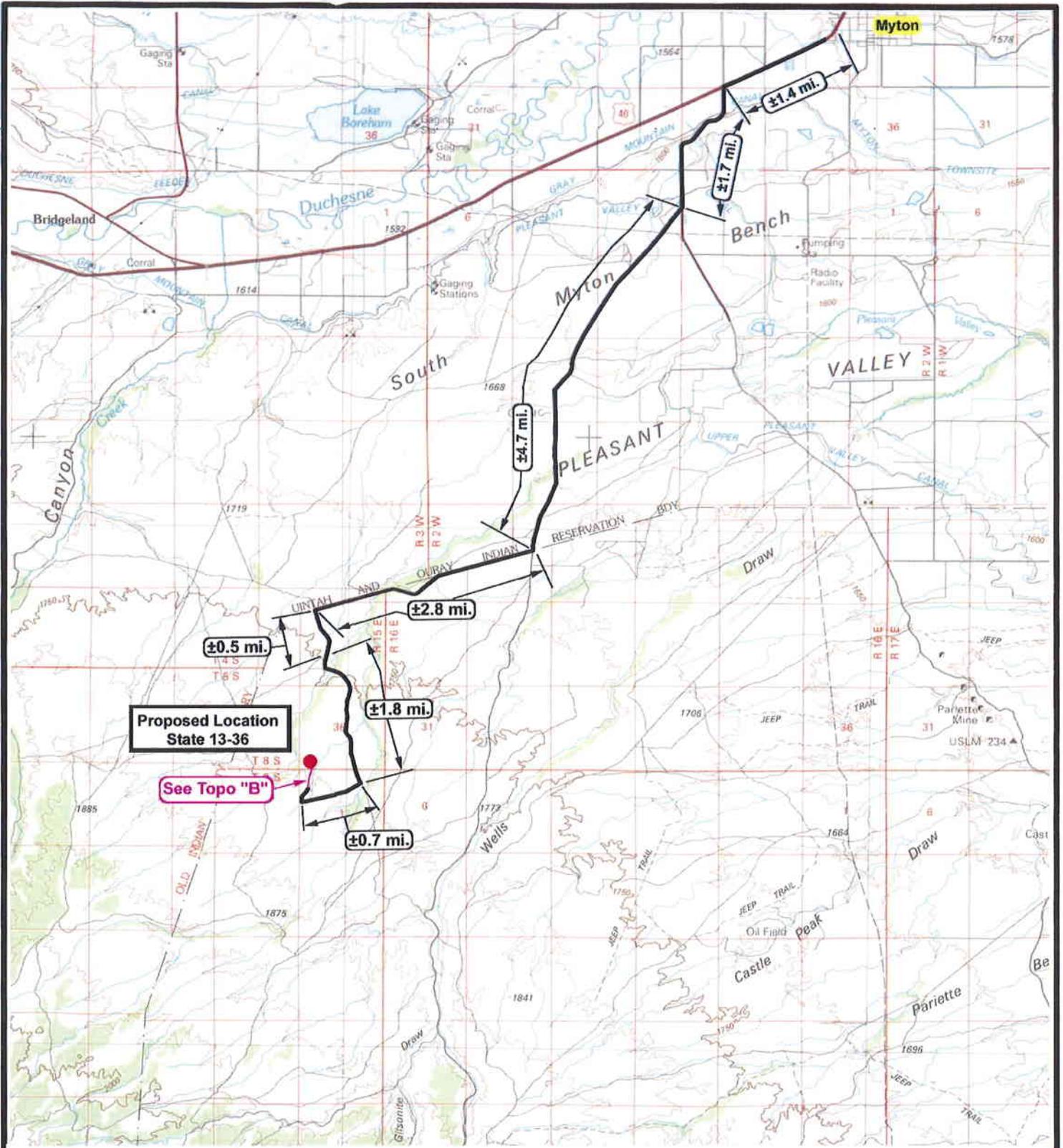


PROPOSED
ACCESS ROAD
(Max. 6% Grade)



SURVEYED BY: C.M.	DATE SURVEYED: 12-01-08
DRAWN BY: F.T.M.	DATE DRAWN: 12-19-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078




NEWFIELD
 Exploration Company

State 13-36-8-15
SEC. 36, T8S, R15E, S.L.B.&M.



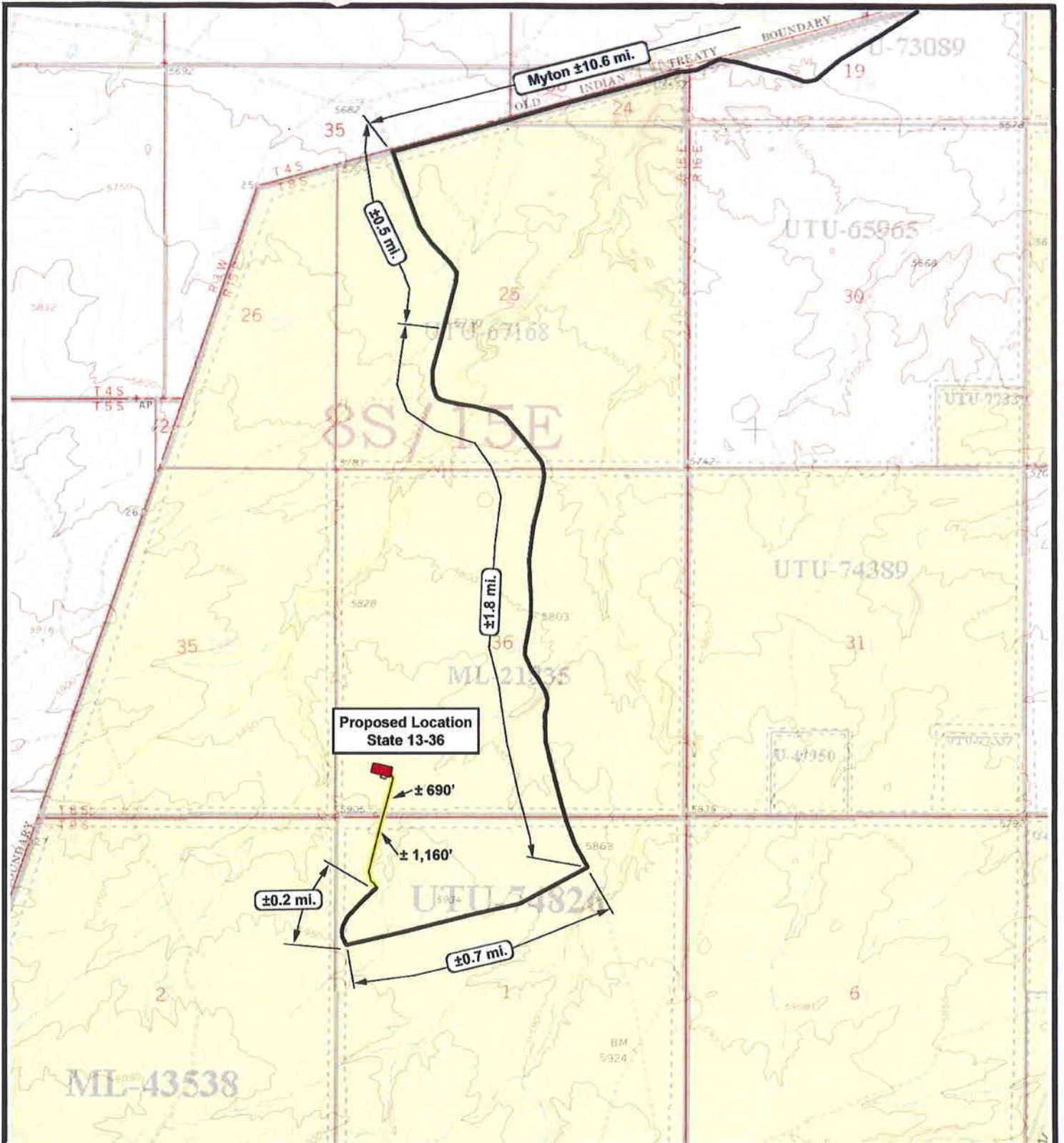

Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: mw
 DATE: 12-26-2008

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"A"



State 13-36-8-15
SEC. 36, T8S, R15E, S.L.B.&M.

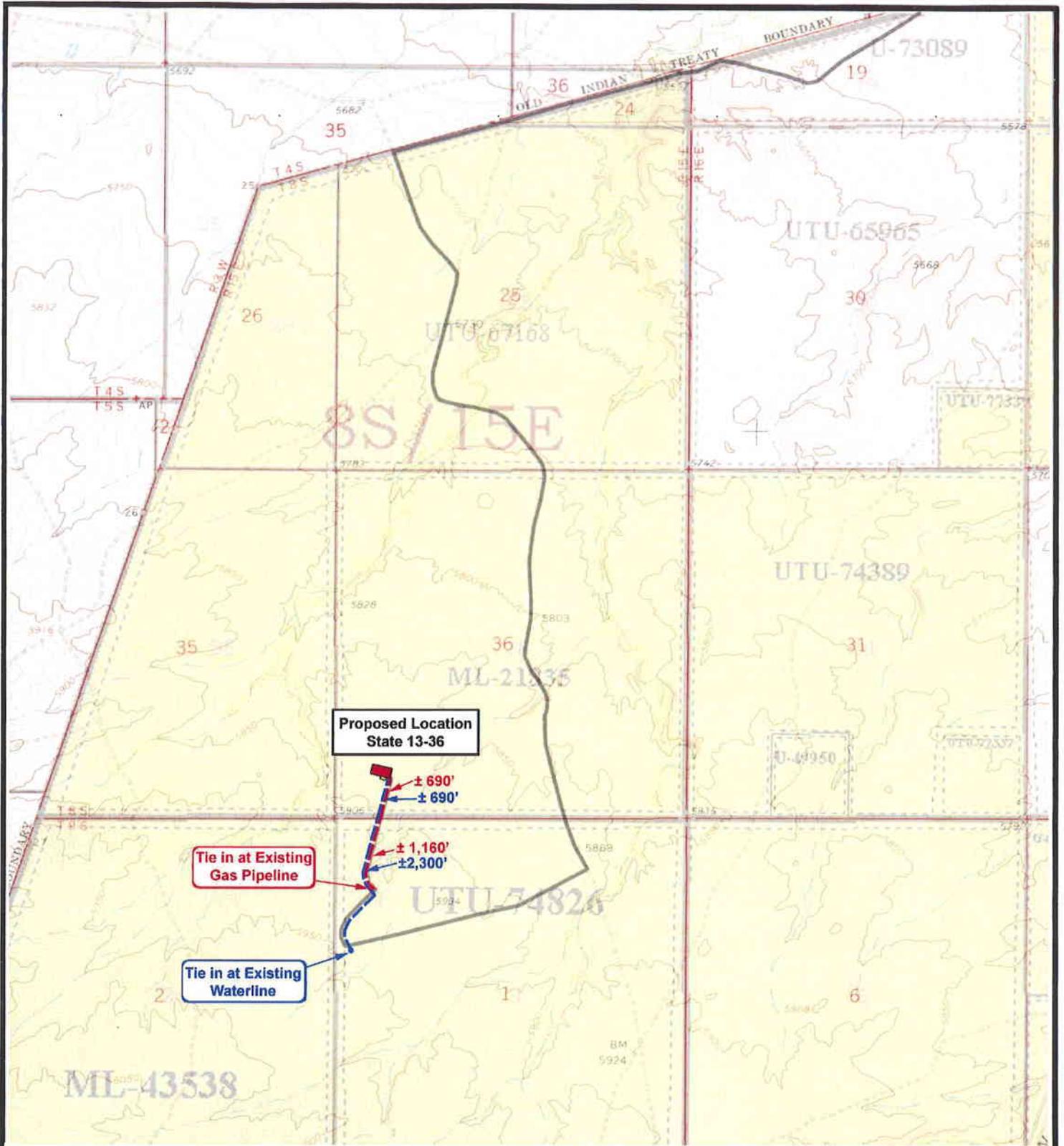


Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 12-26-2008

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP
"B"




NEWFIELD
 Exploration Company

State 13-36-8-15
SEC. 36, T8S, R15E, S.L.B.&M.



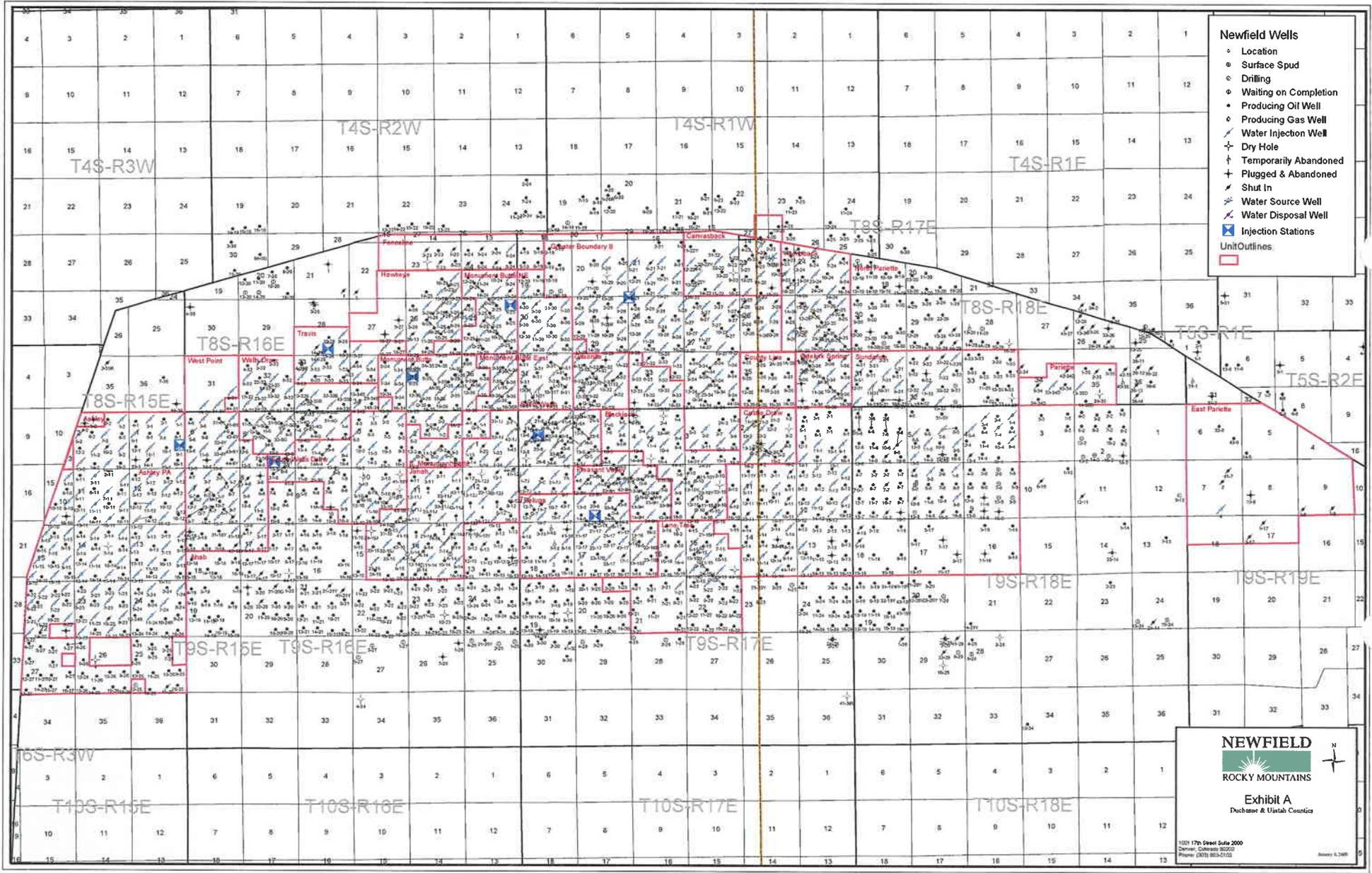

 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 12-26-2008

Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"



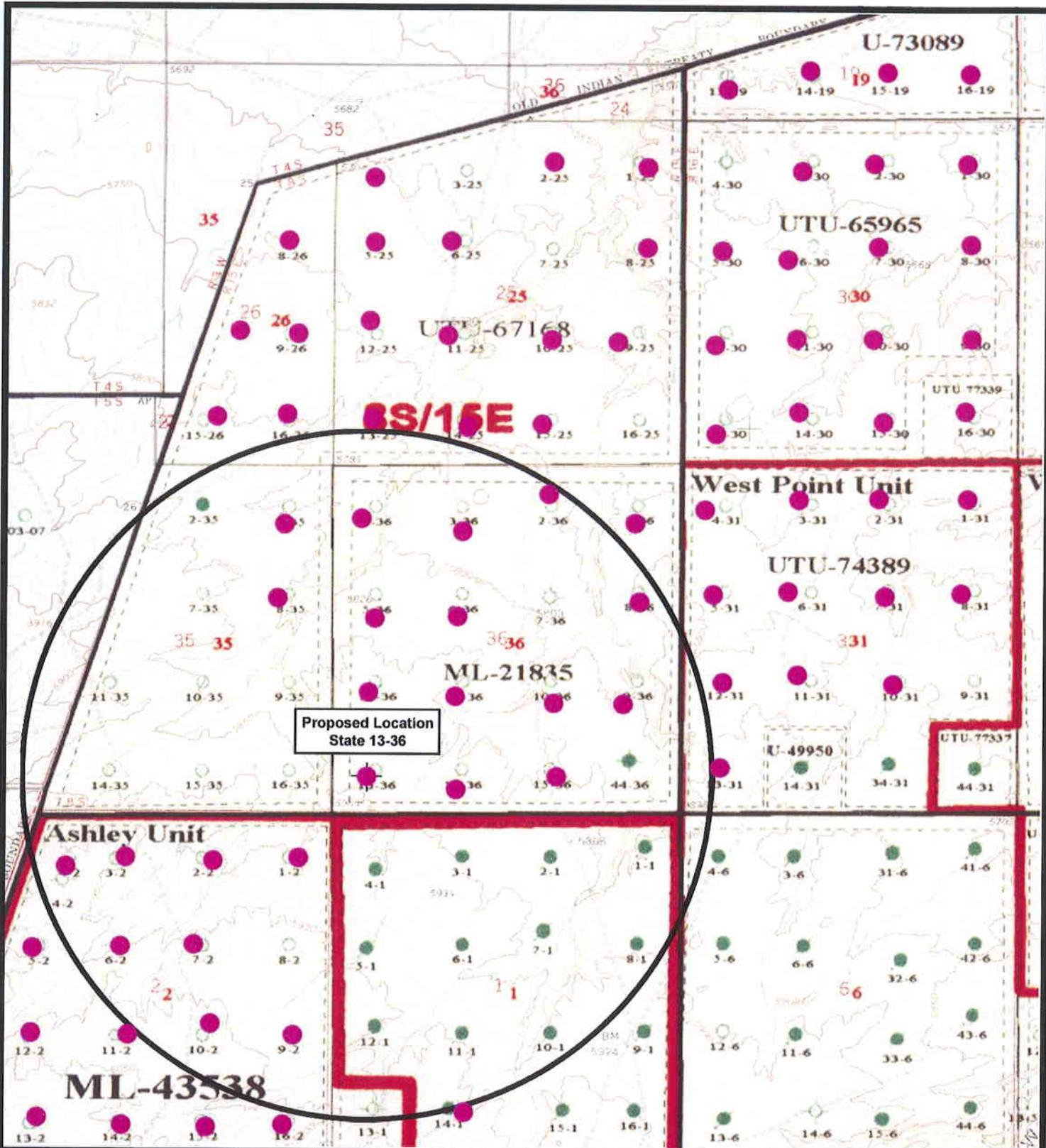
- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Injection Stations
- Unit Outlines:
-

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

1101 17th Street Suite 2000
 Denver, Colorado 80202
 Phone: (303) 863-5100

January 6, 2009



Proposed Location
State 13-36

NEWFIELD
Exploration Company

State 13-36-8-15
SEC. 36, T8S, R15E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-26-2008

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

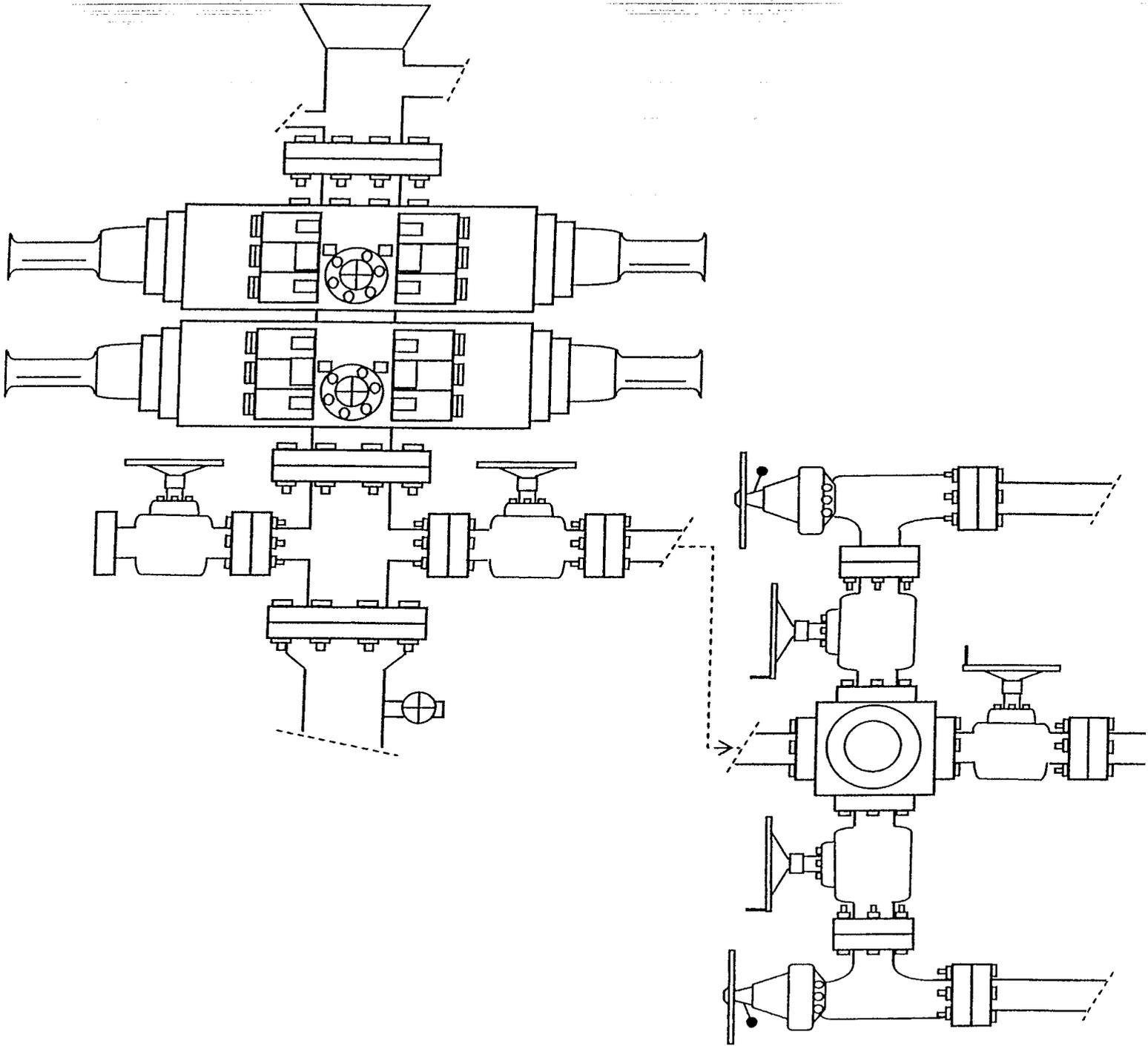


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S FOUR BLOCK PARCELS
(T8S, R15E, SECTIONS 25, 26, 35, AND 36)
DUCHESNE COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management
Vernal Field Office
and
School & Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-301

January 26, 2009

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-1227b,s



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

April 27, 2009

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: State 13-36-8-15 Well, 661' FSL, 660' FWL, SW SW, Sec. 36, T. 8 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-013-34223.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA



Operator: Newfield Production Company
Well Name & Number State 13-36-8-15
API Number: 43-013-34223
Lease: ML-21835

Location: SW SW Sec. 36 T. 8 South R. 15 East

Conditions of Approval

1. 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.

2. Notification Requirements

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

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2

43-013-34223

April 27, 2009

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
7. Surface casing shall be cemented to the surface.

BLM - Vernal Field Office - ^{Spud} Notification Form

Operator Newfield Exploration Rig Name/# Ross # 21 Submitted
By Jim Smith Phone Number 823-
2072

Well Name/Number State 13-36-8-15
Qtr/Qtr SW/SW Section 36 Township 8S Range 15E
Lease Serial Number ML 21835
API Number 43-013-34223

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

Date/Time 2/20/10 8:00 AM PM

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

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

Date/Time 2/21/10 11:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21835

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
STATE 13-36-8-15

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334223

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 36, T8S, R15E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/23/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 03-23-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 03/26/2010

(This space for State use only)

RECEIVED

MAR 29 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

STATE 13-36-8-15

1/1/2010 To 5/30/2010

3/11/2010 Day: 1

Completion

Rigless on 3/11/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6199' cement top @ 32'. Perforate LODC sds as shown in perforation report. 149 BWTR. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$13,598

3/19/2010 Day: 2

Completion

Rigless on 3/19/2010 - Frac well. Flow well back. - Stage #3: D1 sds. RU WLT. RIH w/ frac plug & 4' perf gun. Set plug @ 4970'. Perforate D1 sds @ 4865-69' w/ 3 spf for total of 12 shots. RU BJ & open well w/ 1500 psi on casing. Perfs broke down @ 3016 psi back to 2307 w/ 3 bbls @ 3 bpm. ISIP ws 2131 w/.87FG. Pressure to low. Frac w/ 8483#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2835 w/ ave rate of 21 bpm w/ 6 ppg of sand. ISIP was 2291 w/.90FG. 5 min was 2139. 10 min was 2112. 15 min was 2093. 2616 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1.5 hours & died. w/ 200 bbls rec'd. SIFN w/ 2416 bbls EWTR.. - Stage #1 LODC sds. RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 61 psi on casing. Perfs broke down @ 2853 psi back to 2183 w/ 3 bbls @ 5 bpm. ISIP ws 1906 w/.78FG. 1 min was 1634. 4 min ws 1297. Pump 36 bbls of 15% HCL acid w/ 150 bioballs in first 8 bbls (balled out twice once w/ 10 bbls acid on & second w/ 26 bbls on). ISIP was 2122 w/.82FG. 5 min was 1914. 10 min was 1827. 15 min was 1768. RD ball launcher. Surged balls off. Frac w/ 200,659#'s of 20/40 sand in 1640 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3287 w/ ave rate of 62 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2983 w/.98FG. 5 min was 2627. 10 min was 2359. 15 min was 2188. 1753 bbls EWTR. Leave pressure on well. - Stage #2: A3 sds. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 10', 4' perf guns. Set plug @ 5380'. Perforate A3 sds @ 5316-25, 5293-97' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 42 shots. RU BJ & open well w/ 1762 psi on casing. Perfs broke down @ 3845 psi back to 2318 w/ 3 bbls @ 3 bpm. ISIP was 2000 w/.81FG. Pressure to low. Frac w/ 70,616#'s of 20/40 sand in 595 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2700 w/ ave rate of 50 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2473 w/.90FG. 5 min was 2190. 10 min was 2090. 15 min was 1871. 2348 bbls EWTR. Leave pressure on well.

Daily Cost: \$0

Cumulative Cost: \$112,482

3/21/2010 Day: 3

Completion

Leed #731 on 3/21/2010 - Set Kill plug. Move rig on well. - Open well w/ 200 psi on casing. RU Perforators LLC WLT. RIH w/ Weatherford 5-1/2" composite solid plug & set @ 4760'. MIRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" chomp mill & X-over sub. Tally, pickup & TIH w/ new 2-7/8", 6.5#, J-55 tbg w/ 98 jts. SIFN.

Daily Cost: \$0

Cumulative Cost: \$149,512

3/22/2010 Day: 4**Completion**

Leed #731 on 3/22/2010 - PU tbg. Drlg out plugs. - Open well w/ 0 psi on casing. TIH w/ tbg to tag plug @ 4760'. RU pump, swivel & tanks. Drlg out plug in 15 min. TIH w/ tbg to tag plug @ 49700'. Drlg out plug #1. TIH w/tg to tag fill @ 5340'. C/O to plug @ 5380'. Drlg out plug #2. TIH w/ tbg to tag fill @ 6009'. C/O to PBDT @ 6242'. LD 2 jts. RU swab & well started to flowing. Flowed for 4 hours & rec'd 500 bbls fluid. RD swab equipment. SIFN w/ 1916 bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$153,437

3/23/2010 Day: 5**Completion**

Leed #731 on 3/23/2010 - Pump Brine water. TIH w/ production. Put well on pump. - Open well w/ 350 psi on casing. Circulate 200 bbls of 10# brine. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 2 jts tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 175 jts tbg. RD BOP's. Set TA @ 5516' w/ 17,000#'s tension w/ SN @ 5580' & EOT @ 5644'. Flush tbg w/ 60 bbls water. Pick-up & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Cntrl Hydrlic RHAC pump w/ 181"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 98- 3/4" plain rods, 97- 7/8" guided rods, 2',8',4',2' x 7/8" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. POP @ 7PM w/ 122"SL @ 5 spm w/ 1916 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$199,864

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTAH STATE ML-21835

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
STATE 13-36-8-15

9. AFI Well No.
43-013-34223

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 36, T8S, R15E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
02/20/2010

15. Date T.D. Reached
03/04/2010

16. Date Completed
03/23/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5885' GL 5897' KB

18. Total Depth: MD 6295'
TVD

19. Plug Back T.D.: MD 6242'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, 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	24#	0	629'		300 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6288'		300 PRIMLITE		32'	
						400 50/50 POZ			

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@ 5644'	TA @ 5514'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5431-5584' LODC	.36"	3	57
B) Green River			5293-5325' A3	.36"	3	42
C) Green River			4865-4869' D1	.36"	3	12
D) Green River						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5431-5584'	Frac w/ 200659#'s 20/40 sand in 972 bbls of Lightning 17 fluid. (LODC)
5293-5325'	Frac w/ 70616#'s 20/40 sand in 304 bbls of Lightning 17 fluid. (A3)
4865-4869'	Frac w/ 8483#'s 20/40 sand in 54 bbls of Lightning 17 fluid. (D1)

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
3-23-10	4-12-10	24	→	12	0	205			2-1/2" x 1-1/2" x 20' RHAC Pump
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	
			→						

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APR 27 2010

DIV. OF OIL, GAS & MINING

*(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.)

USED FOR FUEL

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

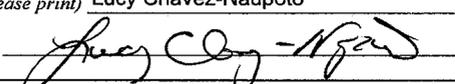
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3798' 4030'
				GARDEN GULCH 2 POINT 3	4143' 4406'
				X MRKR Y MRKR	4677' 4714'
				DOUGALS CREEK MRK BI CARBONATE MRK	4826' 5072'
				B LIMESTON MRK CASTLE PEAK	5187' 5723'
				BASAL CARBONATE	6157'

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) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 04/22/2010

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.

Daily Activity Report

Format For Sundry

STATE 13-36-8-15

12/1/2009 To 4/28/2010

STATE 13-36-8-15

Waiting on Cement

Date: 2/25/2010

Ross #29 at 629. Days Since Spud - 8 5/8" Casing. Set @ 629.12' KB. On 2-25-10 Cemented w/ 300 sks Class G cmt+2% CACL+.25#/sk cello - On 2-20-10 Ross # 29 spud the State 13-36-8-15 and drilled 625' of 12 1/4" hole. Run 14 jts. Of - flake. Returned 10 bbls back to pit

Daily Cost: \$0

Cumulative Cost: \$57,617

STATE 13-36-8-15

Drill 7 7/8" hole with fresh water

Date: 3/1/2010

NDSI #1 at 1030. 1 Days Since Spud - Surface csg @ 1500 psi 30 min. Truck quick working changed out Bleed off bleed of valve . Test good. - P/U Sec FMH655zm 7 7/8" PDC bit, Huntin M.M.7/8 3.5 stage1.5 °, Extreme Tools 1x Monel collar 30.70' - 1X hang off sub 2' and 21 6" DC. Tag @ 565' - Pason Auto driller on working write- Drill manually while working on Pason - Drill 7 7/8" hole from 570' to 1030' w/12 WOB, 352 GPM, 115 ROP, 135 RPM - Pason working write @ 6:00 am Moved sensor around intill it read write - R/U B&C Quicktest - Test kelly,safty valve,choke,pipe and blind rams. High presser @ 2000 Psi 10 Min - On 2/28/10 MIRU w/ Jones Trucking 1 Mile - On 2/27/10 Notify BLM and state of rig move and BOP test @ 2:00 pm on 2/28/10. - Calibrate Pason / Pason train hand on Pason

Daily Cost: \$0

Cumulative Cost: \$86,542

STATE 13-36-8-15

Drill 7 7/8" hole with fresh water

Date: 3/2/2010

NDSI #1 at 3438. 2 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole from 2124' to 3438' w/15 WOB, 352 GPM, 104 ROP, 135 RPM - Work on Pason Auto driller - Drill 7 7/8" hole from 1030' to 2124' w/15 WOB, 352 GPM, 115 ROP, 135 RPM

Daily Cost: \$0

Cumulative Cost: \$104,669

STATE 13-36-8-15

Drill 7 7/8" hole with fresh water

Date: 3/3/2010

NDSI #1 at 5159. 3 Days Since Spud - Drill 7 7/8" hole from 3438' to 4251' /WOB 18/ RPM 55/350 GPM/ 102 FPH - Rig service / Function test BOP's &b Crown-O-Matic - Drill 7 7/8" hole from 4251' to 5159' / WOB 18/ RPM 55/ 350 GPM/ ROP 102 FPH - Repair kelly spinner

Daily Cost: \$0

Cumulative Cost: \$122,196

STATE 13-36-8-15

Running casing

Date: 3/4/2010

NDSI #1 at 6295. 4 Days Since Spud - R/U Liddell csg and start 5.5 csg - R/U Quicktest and test csg rams @ 2000 PSI - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' (loggers TD 6295') - Lay down DP & BHA and Extreme MWD tool - Pump 160 bbls of brine - Lay down to 4000' - Circulate bottoms up - flowing 8 gal min - Drill 7 7/8" hole from 5159' to 6295' w/15 WOB, 340 GPM, 92 ROP, 124 RPM -TD

Daily Cost: \$0

Cumulative Cost: \$165,448

STATE 13-36-8-15

Wait on Completion

Date: 3/5/2010

NDSI #1 at 6295. 5 Days Since Spud - Release rig @1500 on 3/4/10 - Clean Mud tanks - Tear down - Nipple down set 5.5 csg slips w/ 110,000# tension - Mixed @ 14.4 ppg yeild @ 1.24 return 30 bbls to pit Bump plug to 1800 psi - yield @ 3.54 Then tail of 400 sk 50:50:2+3% KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - CMT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - Circulate csg - R/U Liddell csg run 144jt 5.5 15.5# j-55 LTC-tag -GS set @ 6287.61' KB -FC set @ 6242.47' KB **Finalized**

Daily Cost: \$0

Cumulative Cost: \$257,790

Pertinent Files: Go to File List

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: ML-21835
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: STATE 13-36-8-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013342230000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/21/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input 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: Undesirable Event

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

The 13-36-8-15 is a shut in well. Sometime during the day on the 21st of January 2013 the BOP on the wellhead froze and broke this caused an undetermined amount of produced water to be released onto location. All of the water was contained on location and was estimated at about 75 bbls. The issue has been addressed and there are steps being taken to mitigate the problem.

Accepted by the Utah Division of Oil, Gas and Mining

Date: February 15, 2013

By:

NAME (PLEASE PRINT) Tim Eaton	PHONE NUMBER 465 646-4858	TITLE Regulatory Tech
SIGNATURE N/A	DATE 2/4/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Oil Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21835
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
PHONE NUMBER: 435 646-4825 Ext	8. WELL NAME and NUMBER: STATE 13-36-8-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013342230000
	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

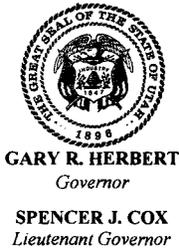
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/14/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to convert the above mentioned well from a producing oil well to an enhanced recovery water injection well. The proper UIC permit has been filed.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 20, 2015

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/14/2015	



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 28, 2015

Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Subject: Greater Monument Butte Unit Well: State 13-36-8-15, Section 36, Township 8 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-34223

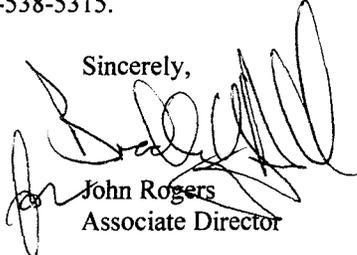
Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,143 feet in the State 13-36-8-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



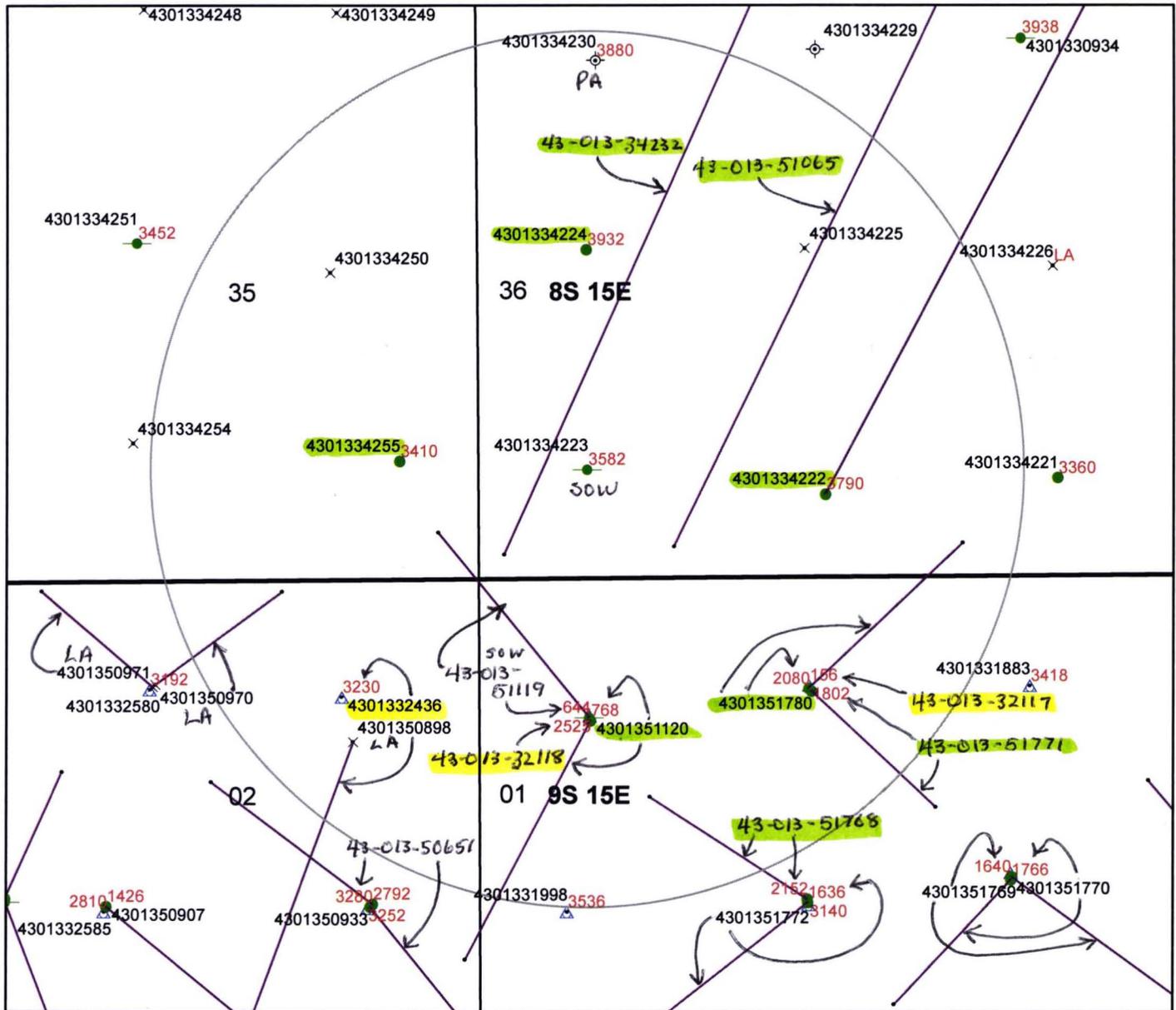
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Legend

Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊗ GIW-Gas Injection Well
- _{GS} GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- ⊙ OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well *in AOR*
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well *in AOR*
- △ WWI-Water Injection Well
- WSW-Water Supply Well

**Cement Bond Tops
State 13-36-8-15
API #43-013-34223
UIC-434.1**



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** State 13-36-8-15

Location: 36/8S/15E **API:** 43-013-34223

Ownership Issues: The proposed well is located on State of Utah land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 629 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,288 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to at least 3,582 feet or higher. A 2 7/8 inch tubing with a packer is proposed to be set at 4,815 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 6 producing wells, 3 injection wells, 2 shut-in wells (one of which is the proposed injection well), and 1 P/A well in the AOR. One of the producing wells is horizontally drilled with a surface location inside the AOR and a bottom hole location outside the AOR, and 2 producing wells are directionally drilled with surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there are 2 horizontally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR and 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 500 feet. Injection shall be limited to the interval between 4,143 feet and 6,157 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-36-8-15 well is 0.90 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,240 psig. The requested maximum pressure is 2,240 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

State 13-36-8-15

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 9/15/2015

4770 S. 5600 W.
 WEST VALLEY CITY, UTAH 84118
 FED.TAX I.D.# 87-0217663
 801-204-6910

Deseret News



The Salt Lake Tribune

602 → 606

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMPLE STE 1210 SALT LAKE CITY UT 84116	9001402352	9/4/2015

RECEIVED
 SEP 10 2015

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0001048683 /
SCHEDULE	
Start 09/03/2015	End 09/03/2015
CUST. REF. NO.	
UIC-434	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATUR	
SIZE	
59 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
203.24	

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-434

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF A WELL LOCATED IN SECTION 36, TOWNSHIP 8 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, Route 3, Box 3630, Myton, UT 84052, telephone 435-646-4825, for administrative approval of the following well located in Duchesne County, Utah, for conversion to a Class II injection well:

Greater Monument Butte Unit:
 State 13-36-8-15 well located in SW/4 SW/4, Section 36, Township 8 South, Range 15 East API 43-013-34223

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 1st day of September, 2015

STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 Brad Hill
 Permitting Manager
 1048683

UPAXLP

AFFIDAVIT OF PUBLICATION

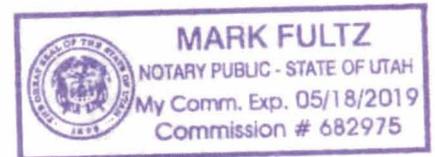
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-434 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 09/03/2015 End 09/03/2015

SIGNATURE Adarsh

DATE 9/4/2015

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
 PLEASE PAY FROM BILLING STATEMENT



Mark Fultz
 NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, CYNTHIA KLEINFELTER on oath, say that I am the LEGALS MANAGER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 8 day of September, 2015, and that the last publication of such notice was in the issue of such newspaper dated the 8 day of September, 2015, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Cynthia Kleinfelter
LEGALS MANAGER

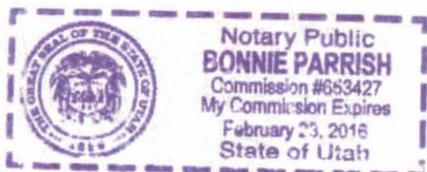
Subscribed and sworn to before me on this

14 day of September 2015

by Cynthia Kleinfelter.

Bonnie Parrish

Notary Public



**BEFORE THE
DIVISION
OF OIL, GAS
AND MINING
DEPART-
MENT OF
NATURAL
RESOURCES
STATE OF
UTAH
NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC-434**

IN THE MAT-
TER OF THE
APPLICATION
OF NEWFIELD
PRODUCTION
COMPANY FOR
ADMINISTRATIVE
APPROVAL OF A
WELL LOCATED
IN SECTION 36,
TOWNSHIP 8
SOUTH, RANGE
15EAST, DUCH-
ESNE COUNTY,
UTAH, AS A CLASS
II INJECTION
WELL.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
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Greater Monument
Butte Unit:
State 13-36-8-15
well located in SW/4
SW/4, Section 36,
Township 8 South,
Range 15 East API
43-013-34223

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Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting

Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 1st day of September, 2015
STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

Brad Hill
Permitting Man-
ager

Published in the
Uintah Basin Stan-
dard September 8,
2015.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-434

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Dated this 1st day of September, 2015

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

STATE 13-36-8-15

Cause No. UIC-434

Publication Notices were sent to the following:

Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
Via e-mail ubs@ubmedia.biz

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
Via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129





Order Confirmation for Ad #0001048683-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	Payor Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juliecarter@utah.gov	Jean	mfullz

Ad Content Proof Actual Size

**BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-434**

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Total Amount	\$203.24			
Payment Amt	\$0.00			
Amount Due	\$203.24	Tear Sheets	Proofs	Affidavits
		0	0	1

Greater Monument Butte Unit:
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Payment Method

Confirmation Notes:
Text: Jean

Ad Type **Ad Size** **Color**

Legal Liner 2.0 X 59 Li <NONE>

PO Number UIC-434

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<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	9/3/2015	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	9/3/2015	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	9/3/2015	

Dated this 1st day of September, 2015

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
Brad Hill
Permitting Manager
1048683 UPAXLP



GARY R. HERBERT
Governor

SPENCER J. COX
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

September 2, 2015

VIA email: naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-434

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-434

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>
To: Jean Sweet <jsweet@utah.gov>

Wed, Sep 2, 2015 at 3:01 PM

It will run Sept. 8, 2015.
Thank you,
Cindy

On 9/2/2015 11:38 AM, Jean Sweet wrote:

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329



GARY R. HERBERT
Governor

SPENCER J. COX
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

September 2, 2015

Via e-mail: ubs@ubmedia.biz

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-434

To whom it may concern:

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Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

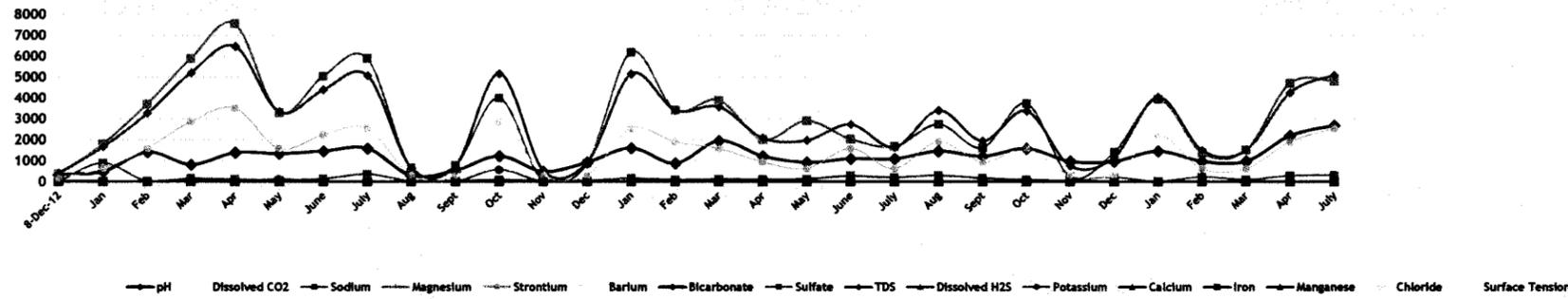
Sincerely,

Jean Sweet
Executive Secretary

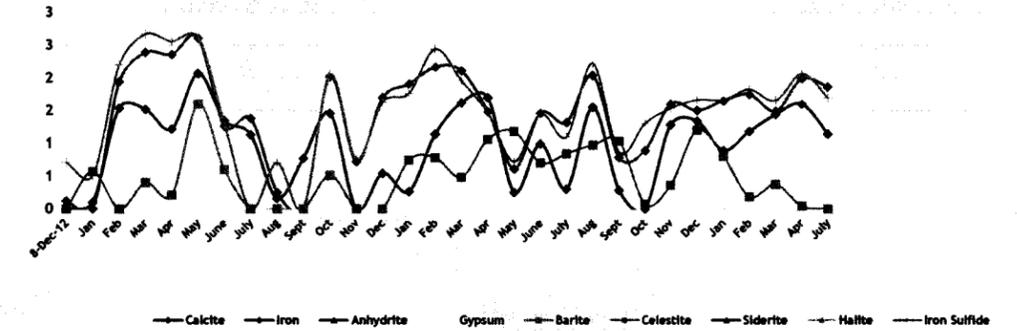




Water Analysis Data



Mineral Scale Saturation Index



ANALYTICAL LABORATORY DATA				CATIONS (mg/l)											ANIONS (mg/l)			dynes/cm Surface Tension
Sample Date	Sample Point	Accumulative Water Volume	pH	TDS	Dissolved H ₂ S	Dissolved CO ₂	Sodium	Potassium	Magnesium	Calcium	Strontium	Barium	Iron	Manganese	Bicarbonate	Sulfate	Chloride	
8-Dec-12	After Filters		6.70	1,284	4.0	24	368.75	1.50	22	39.00		0.09	0.50	0	341	10	500	
Jan	After Filters		7.00	5,244	10.0	40	1810.24	1.70	23	41.00		0.30	0.10	0	488	880	2,000	
Feb	After Filters		8.50	10,251	8.0	96	3713.53	38.00	8	27.00	4.20	2.50	0.60	0.10	1,415	20	5,000	
Mar	After Filters		8.50	16,341	7.0	160	5903.73	369.00	18	45.80	7.00	2.50	3.60	0.20	820	144	9,000	
Apr	After Filters		7.90	20,250	8.0	144	7568.69	79.00	13	52.00	5.30	3.20	7.00	0.30	1,390	110	11,000	
May	After Filters		8.50	10,447	5.0	45	3319.36	350.74	37	109.61	37.15	84.49	3.41	0.73	1,342	51	5,000	
June	After Filters		8.30	13,794	3.5	80	5055.33	76.16	8	28.19	5.66	4.49	0.21	0.15	1,464	127	7,000	
July	After Filters		8.50	15,907	0.0	0	5914.11	26.00	4	12.00	2.90	0.02	0.20	0.05	1,586	351	8,000	
Aug	After Filters		7.00	2,072	2.0	120	674.18	2.40	24	43.00	0.80	0.50	0.50	0.40	292	28	1,000	
Sept	After Filters		7.50	2,413	1.0	40	785.73	1.60	21	33.00	0.49	0.03	0.04	0.00	536	30	1,000	
Oct	After Filters		8.30	16,204	4.0	80	4018.00	1781.00	13	42.00	8.10	6.00	1.50	0.18	1,224	85	9,000	
Nov	After Filters		6.50	1,687	2.0	20	58.00	2.60	22	38.00	0.00	0.10	2.00	0.00	488	46	1,000	
Dec	After Filters		6.80	2,978	3.0	104	897.52	4.70	28	55.00	0.80	0.60	6.30	0.05	927	52	1,000	
Jan	After Filters		8.00	16,151	3.0	40	6218.00	110.00	9	3.70	7.00	6.00	1.50	0.14	1,610	158	8,000	
Feb	After Filters		8.10	10,672	6.0	136	3443.61	162.53	9	34.30	7.24	6.75	3.54	0.2	878	97	6,000	
Mar	After Filters		8.30	11,188	4.0	80	3910.69	115.00	9	33.00	6.00	2.80	0.80	0.16	1,952	126	5,000	
Apr	After Filters		8.10	6,514	3.0	0	2023.26	51.46	21	64.59	3.90	7.20	0.32	0.02	1,220	109	3,000	
May	After Filters		6.80	6,208	3.0	88	2921.00	126.60	25	47.00	3.50	8.60	0.90	0.10	927	128	2,000	
June	After Filters		7.40	8,574	3.0	20	2053.34	51.99	18	49.57	3.68	1.51	1.29	0.08	1,098	283	5,000	
July	After Filters		6.80	5,163	2.0	96	1706.50	62.22	10	34.89	9.02	1.94	2.88	0.14	1,098	208	2,000	
Aug	After Filters		8.00	10,674	7.5	160	2759.44	74.48	6	51.76	6.71	3.19	1.35	0.23	1,464	307	6,000	
Sept	After Filters		6.80	6,129	4.0	0	1644.70	20.10	18	29.30	2.90	3.80	0.74	0.09	1,220	177	3,000	
Oct	After Filters		6.80	10,601	5.0	40	3762.45	55.16	19	45.51	4.84	0.63	5.46	0.19	1,586	105	5,000	
Nov	After Filters		7.50	2,389	2.5	80	257.52	7.72	24	49.50	0.77	0.98	0.80	0.02	976	66	1,000	
Dec	After Filters		8.00	3,706	4.0	80	1428.34	16.18	21	34.96	1.94	3.48	0.41	0.08	976	206	1,000	
Jan	After Filters		7.50	12,653	8.0	80	3964.58	77.40	14	31.33	8.24	25.35	1.56	0.24	1,464	31	7,000	
Feb	After Filters		7.90	4,681	3.5	80	1399.07	15.51	18	29.16	1.93	0.35	0.90	0.07	976	226	2,000	
Mar	After Filters		8.00	4,719	4.0	160	1531.86	23.96	21	45.67	2.00	1.12	0.42	0.07	976	111	2,000	
Apr	After Filters		8.00	13,347	8.0	160	4728.01	66.27	14	49.26	6.12	0.55	0.92	0.20	2,196	285	6,000	
July	After Filters		7.70	15,935	5.0	0	4835.27	45.31	9	21.88	3.24	0.20	0.84	0.13	2,684	311	8,000	

Sample Date	Sample Point	Accumulative Water Volume	Calcite CaCO ₃	Iron Carbonate	Anhydrite CaSO ₄	Gypsum CaSO ₄ ·2H ₂ O	Barite BaSO ₄	Celestite SrSO ₄	Siderite FeCO ₃	Halite NaCl	Iron Sulfide FeS
8-Dec-12	After Filters		0.00	0.12			0.00				0.83
Jan	After Filters		0.10	0.00			0.57				0.59
Feb	After Filters		1.54	1.94			0.00				2.57
Mar	After Filters		1.52	2.39			0.40				3.12
Apr	After Filters		1.22	2.36			0.21				2.99
May	After Filters		2.07	2.61			1.60				3.06
June	After Filters		1.35	1.26			0.60				1.52
July	After Filters		1.13	1.38			0.00				0.00
Aug	After Filters		0.16	0.25			0.00				0.82
Sept	After Filters		0.77	0.00			0.00				0.00
Oct	After Filters		1.46	2.02			0.51				2.40
Nov	After Filters		0.00	0.72			0.00				0.89
Dec	After Filters		0.54	1.70			0.00				1.90
Jan	After Filters		0.26	1.91			0.74				2.06
Feb	After Filters		1.14	2.17			0.78				2.85
Mar	After Filters		1.62	2.11			0.48				2.29
Apr	After Filters		1.70	1.48			1.06				1.71
May	After Filters		0.25	0.61			1.18				0.84
June	After Filters		0.99	1.46			0.70				1.69
July	After Filters		0.30	1.32			0.84				1.28
Aug	After Filters		1.55	2.04			0.97				2.59
Sept	After Filters		0.28	0.78			1.03				1.00
Oct	After Filters		0.00	0.89			0.07				1.52
Nov	After Filters		1.28	1.60			0.36				1.79
Dec	After Filters		1.34	1.50			1.20				1.94
Jan	After Filters		0.89	1.65			0.80				1.94
Feb	After Filters		1.18	1.75			0.18				2.13
Mar	After Filters		1.44	1.49			0.37				1.93
Apr	After Filters		1.60	1.99			0.04				2.41
July	After Filters		1.14	1.86			0.00				1.98

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825

August 13, 2015

RECEIVED

AUG 21 2015

DIV. OF OIL, GAS & MINING

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
State #13-36-8-15
Monument Butte Field, Lease #ML-21835
Section 36-Township 8S-Range 15E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the State #13-36-8-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Mandie Crozier
Regulatory Specialist

RECEIVED

AUG 21 2015

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

STATE #13-36-8-15

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #ML-21835

AUGUST 13, 2015

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – STATE #13-36-8-15
ATTACHMENT E-1	WELLBORE DIAGRAM – STATE #5-36-8-15
ATTACHMENT E-2	WELLBORE DIAGRAM – STATE #12-36-8-15
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #16-35-8-15
ATTACHMENT E-4	WELLBORE DIAGRAM – GMBU #U-35-8-15
ATTACHMENT E-5	WELLBORE DIAGRAM – GMBU #3-36-8-15H
ATTACHMENT E-6	WELLBORE DIAGRAM – GMBU #2-36-8-15H
ATTACHMENT E-7	WELLBORE DIAGRAM – GMBU #W-36-8-15
ATTACHMENT E-8	WELLBORE DIAGRAM – ASHLEY #3-1-9-15
ATTACHMENT E-9	WELLBORE DIAGRAM – GMBU #G-1-9-15
ATTACHMENT E-10	WELLBORE DIAGRAM – ASHLEY #1-2-9-15
ATTACHMENT E-11	WELLBORE DIAGRAM – GMBU #J-2-9-15
ATTACHMENT E-12	WELLBORE DIAGRAM – ASHLEY #4-1-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	WELL SUMMARY REPORTS/FRACTURE REPORTS
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS Route #3 Box 3630
Myton, Utah 84052

Well Name and number: State #13-36-8-15
Field or Unit name: Monument Butte (Green River) Lease No. ML-21835
Well Location: QQ SWSW section 36 township 8S range 15E county Duchesne

Is this application for expansion of an existing project? Yes No
Will the proposed well be used for: Enhanced Recovery? Yes No
Disposal? Yes No
Storage? Yes No
Is this application for a new well to be drilled? Yes No
If this application is for an existing well,
has a casing test been performed on the well? Yes No
Date of test: _____
API number: 43-013-34223

Proposed injection interval: from 4143 to 6157
Proposed maximum injection: rate 500 bpd pressure 2240 psig
Proposed injection zone contains oil, gas, and/or fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Mandie Crozier Signature 
Title Regulatory Specialist Date 8/13/15
Phone No. (435) 646-4825

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

State 13-36-8-15

Spud Date: 02/20/2010
 Put on Production: 03/23/2010
 GL: 5885' KB: 5897'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 14jts (619.12')
 DEPTH LANDED: 629.12'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 300sxs Class "G" cmt, circ 10 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144jts (6289.61')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6287.61'
 CEMENT DATA: 300sxs Premlite II & 400sxs 50/50 POZ.
 CEMENT TOP AT: 32' per CBL 3/11/10

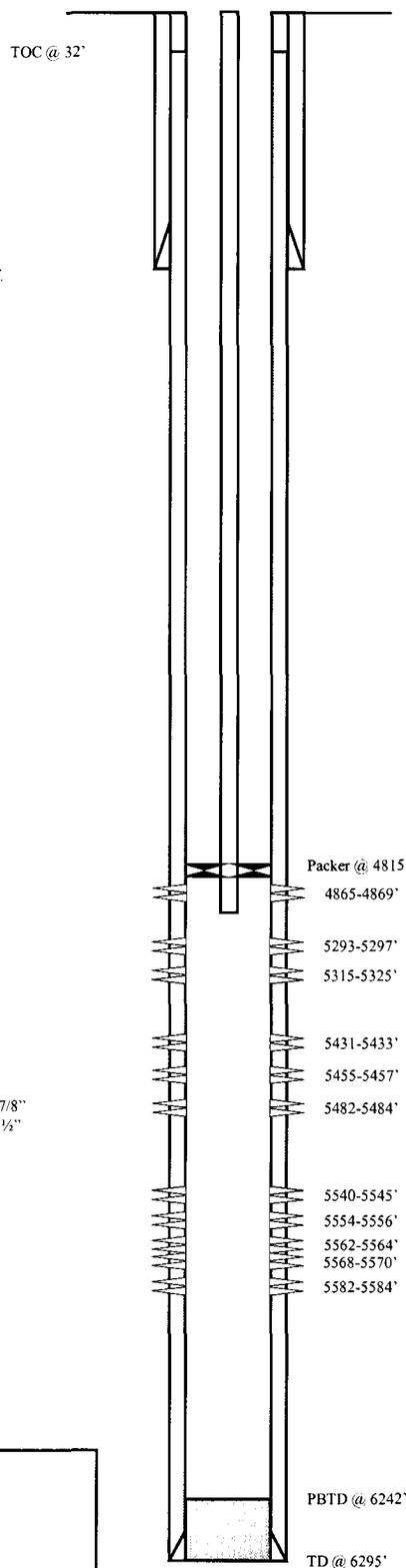
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 175 jts (5502.2')
 TUBING ANCHOR: 5514.2'
 NO. OF JOINTS: 2 jts (62.8')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5579.8' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 5644'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 6 - 4' x 7/8", 8 - 8' x 7/8" pony rods; 97 - 7/8" guided rods; 98 - 3/4" sucker rods; 20 - 3/4" guided rods; 6 - 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 17' x 20' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT:

Proposed Injection Wellbore Diagram



FRAC JOB

03-23-10 5431-5584' **Frac LODC sands as follows:**
 Frac with 200659# 20/40 sand in 972 bbls Lightning 17 fluid.

03-23-10 5293-5325' **Frac A3 sands as follows:** Frac with 70616# 20/40 sand in 304 bbls Lightning 17 fluid.

03-23-10 4865-4869' **Frac D1 sands as follows:** Frac with 8483# 20/40 sand in 54 bbls Lightning 17 fluid.

PERFORATION RECORD

5582-5584'	3 JSPF	6 holes
5568-5570'	3 JSPF	6 holes
5562-5564'	3 JSPF	6 holes
5554-5556'	3 JSPF	6 holes
5540-5545'	3 JSPF	15 holes
5482-5484'	3 JSPF	6 holes
5455-5457'	3 JSPF	6 holes
5431-5433'	3 JSPF	6 holes
5315-5325'	3 JSPF	30 holes
5293-5297'	3 JSPF	12 holes
4865-4869'	3 JSPF	12 holes

NEWFIELD



State 13-36-8-15
 661' FSL & 660' FWL (SW/SW)
 Section 36, T8S, R15E
 Duchesne Co, Utah
 API # 43-013-34223; Lease # ML-21835

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.

2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1 The name and address of the operator of the project.

Newfield Production Company
Route #3 Box 3630
Myton, Utah 84052

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the State #13-36-8-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the State #13-36-8-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4143' - 6157'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3798' and the TD is at 6295'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the State #13-36-8-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #ML-21835) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 629' KB, and 5-1/2", 15.5# casing run from surface to 6288' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2240 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the State #13-36-8-15, for existing perforations (4865' - 5584') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2240 psig. We may add additional perforations between 4143' and 6157'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the State #13-36-8-15, the proposed injection zone (4143' - 6157') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-12.

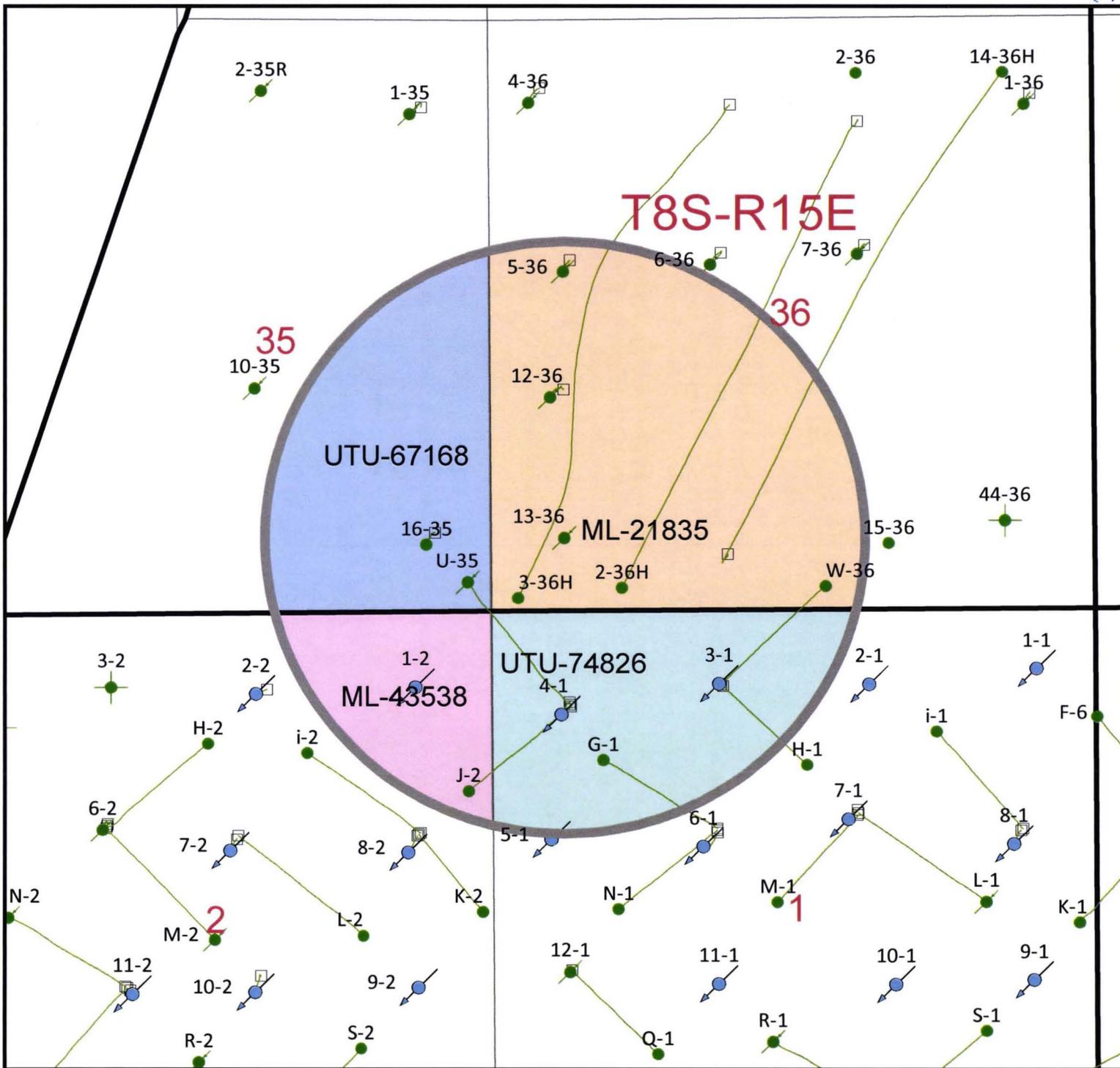
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease Number

- ML-21835
- ML-43538
- UTU-67168
- UTU-74826

Well Status

- Location
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Water Disposal Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

State 13-36-8-15
Section 36, T8S-R15E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,250 feet

1/2 Mile Radius Map
Duchesne County

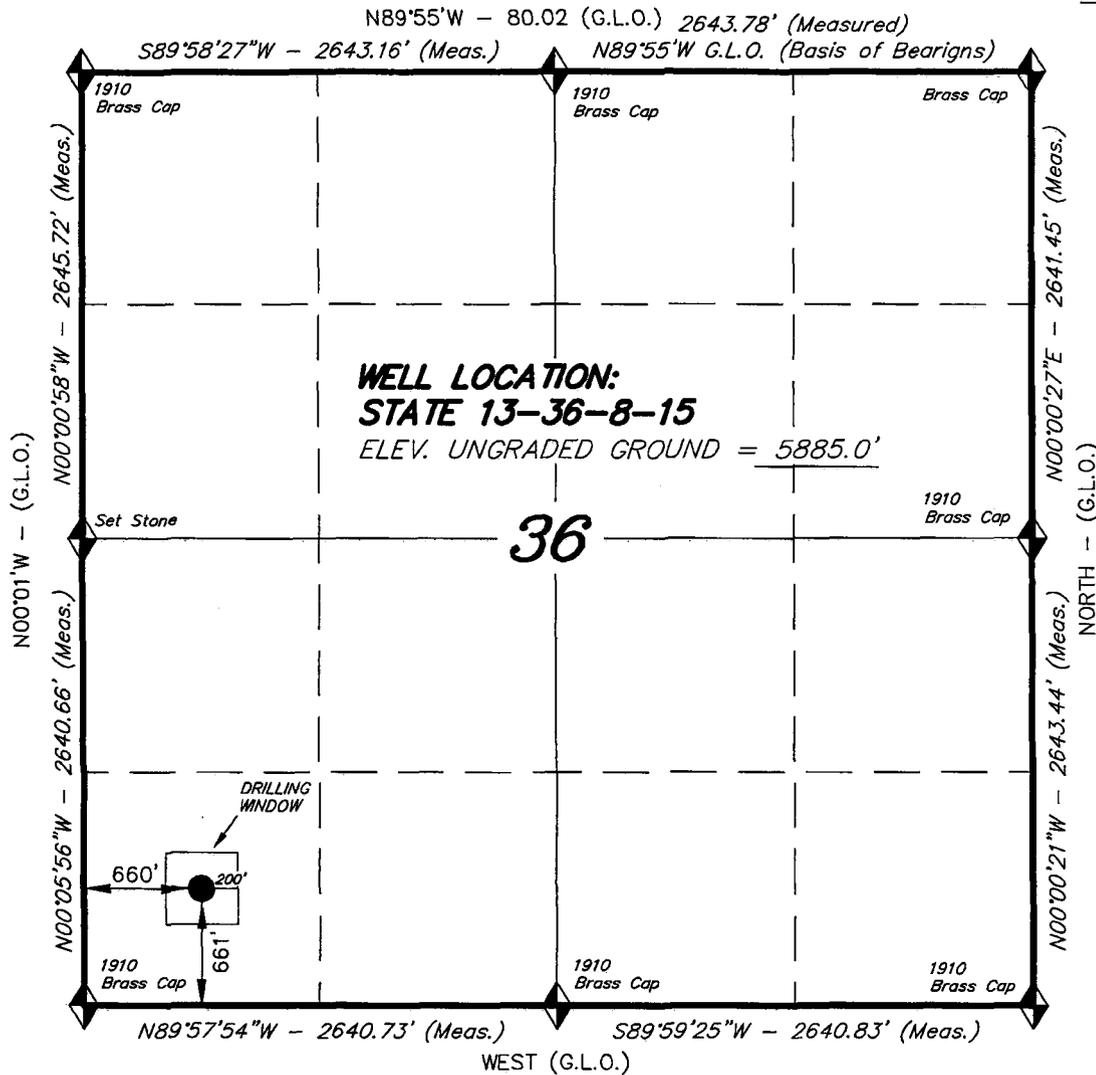
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

August 10, 2015

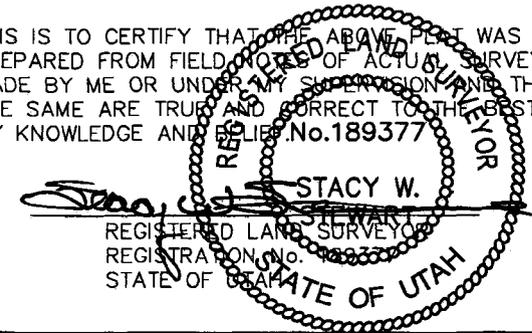
T8S, R15E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, STATE 13-36-8-15,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 36, T8S, R15E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLOT 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. No. 189377



◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SW)

STATE 13-36-8-15
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 08.48"
 LONGITUDE = 110° 11' 15.19"

TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 12-01-08	SURVEYED BY: C.M.
DATE DRAWN: 12-19-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 15 East</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	UTU-74826 HBP	Newfield Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 15 East</u> Section 2: All	ML-43538 HBP	Newfield Production Company	(Surface Rights) State of Utah
3	<u>Township 8 South, Range 15 East</u> Section 24: All Section 25: All Section 26: All Section 35: All	UTU-67168 HBP	Newfield Production Company	(Surface Rights) USA
4	<u>Township 8 South, Range 15 East</u> Section 36: All	ML-21835 HBP	Newfield Production Company	(Surface Rights) State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
State #13-36-8-15

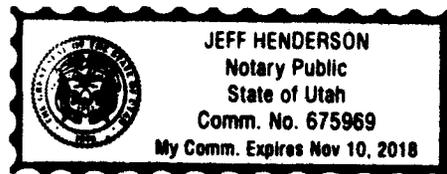
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Mandie Crozier
Newfield Production Company
Mandie Crozier
Regulatory Specialist

Sworn to and subscribed before me this 13th day of August, 2015.

Notary Public in and for the State of Utah: Jeff Henderson

My Commission Expires: 11/10/18



State 13-36-8-15

Spud Date: 02/20/2010
 Put on Production: 03/23/2010
 GL: 5885' KB: 5897'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 14jts (619.12')
 DEPTH LANDED: 629.12'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 300sxs Class "G" cmt, circ 10 bbls to surf.

PRODUCTION CASING

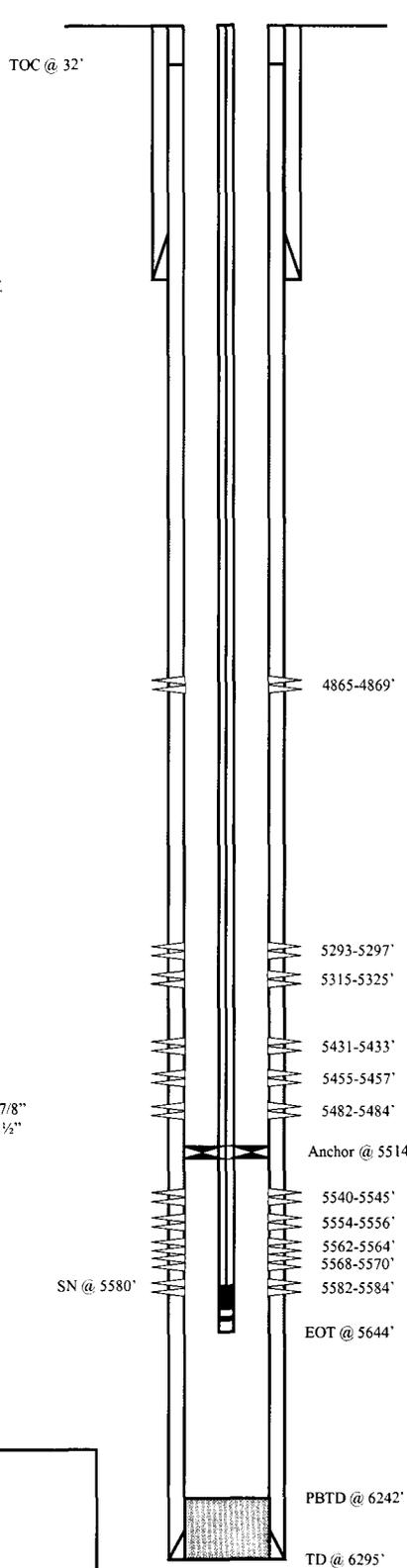
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144jts (6289.61')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6287.61'
 CEMENT DATA: 300sxs Premlite II & 400sxs 50/50 POZ.
 CEMENT TOP AT: 32' per CBL 3/11/10

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 175 jts (5502.2')
 TUBING ANCHOR: 5514.2'
 NO. OF JOINTS: 2 jts (62.8')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5579.8' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 5644'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 6 - 4' x 7/8", 8 - 8' x 7/8" pony rods; 97 - 7/8" guided rods; 98 - 3/4" sucker rods; 20 - 3/4" guided rods; 6 - 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 17" x 20" RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT:



FRAC JOB

03-23-10	5431-5584'	Frac LODC sands as follows: Frac with 200659# 20/40 sand in 972 bbls Lightning 17 fluid.
03-23-10	5293-5325'	Frac A3 sands as follows: Frac with 70616# 20/40 sand in 304 bbls Lightning 17 fluid.
03-23-10	4865-4869'	Frac D1 sands as follows: Frac with 8483# 20/40 sand in 54 bbls Lightning 17 fluid.

PERFORATION RECORD

5582-5584'	3 JSPF	6 holes
5568-5570'	3 JSPF	6 holes
5562-5564'	3 JSPF	6 holes
5554-5556'	3 JSPF	6 holes
5540-5545'	3 JSPF	15 holes
5482-5484'	3 JSPF	6 holes
5455-5457'	3 JSPF	6 holes
5431-5433'	3 JSPF	6 holes
5315-5325'	3 JSPF	30 holes
5293-5297'	3 JSPF	12 holes
4865-4869'	3 JSPF	12 holes

NEWFIELD



State 13-36-8-15
 661' FSL & 660' FWL (SW/SW)
 Section 36, T8S, R15E
 Duchesne Co, Utah
 API # 43-013-34223; Lease # ML-21835

Well Name: State 5-36-8-15

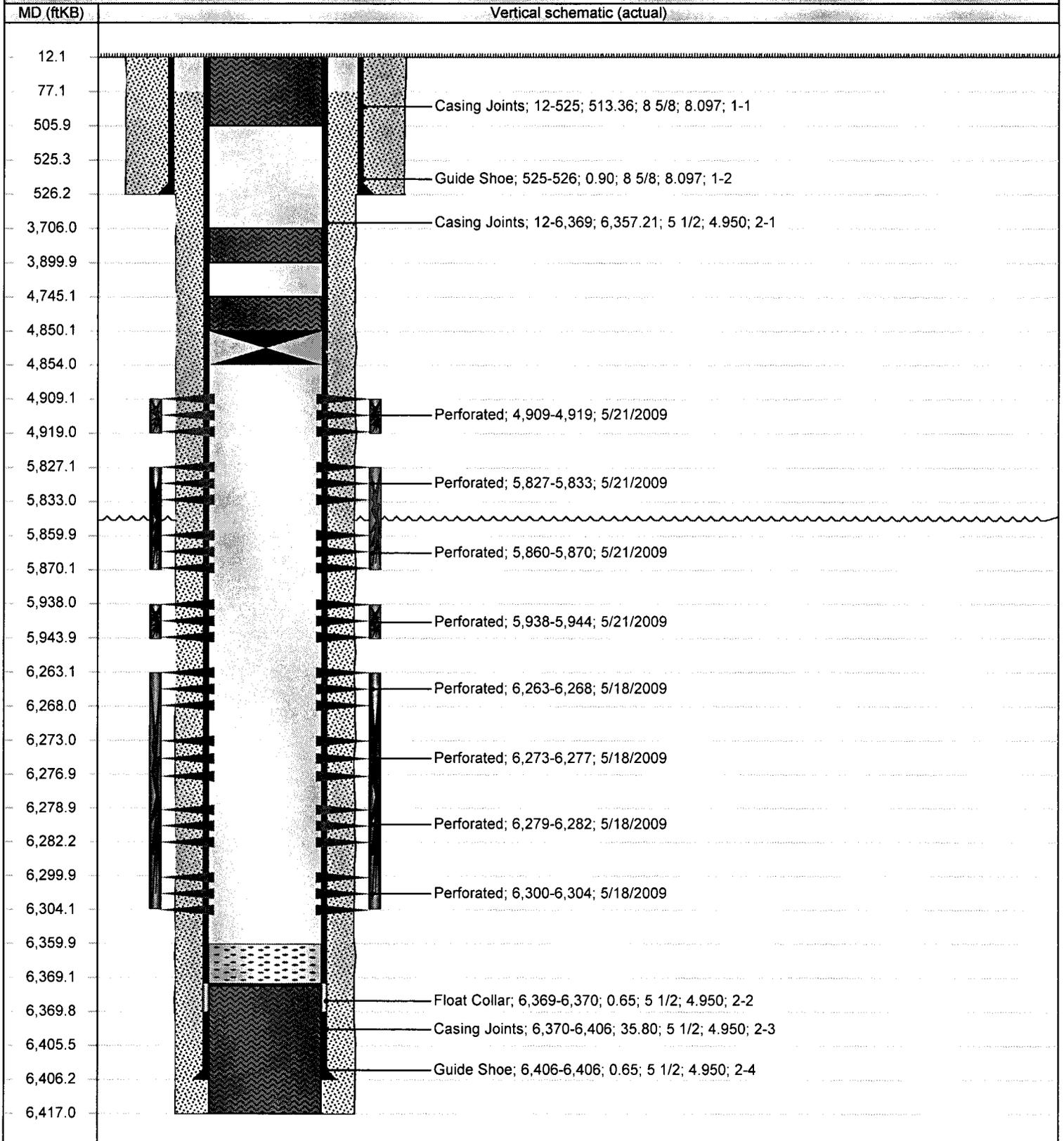
API/UWI 43013342300000	Surface Legal Location 36-8S-15E	Field Name GMBU CTB1	Well RC 500248515	State/Province Utah	Well Type Vertical	Well Config Vertical
Ong KB Elev (ft) 5,846	KB-TH (ft)	Well Start Date 4/22/2009	Rig Release D.	On Prod Date 5/28/2009	PBTD (All) (ftKB) Original Hole - 6,369.2	Total Depth All (TVD) (ftKB) Original Hole - 6,417.0

Most Recent Job

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type N/A	Job Start Date 3/9/2015	Job End Date 3/12/2015
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TD: 6,417.0

Vertical - Original Hole, 8/11/2015 2:16:55 PM



State 12-36-8-15

Spud Date: 1/4/11
 Put on Production: 3/8/11
 GL: 5802' KB: 5814'

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 12 jts. (513.45')
 DEPTH LANDED: 525.30'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs Class "G", circ. 4 bbls to surf.

PRODUCTION CASING

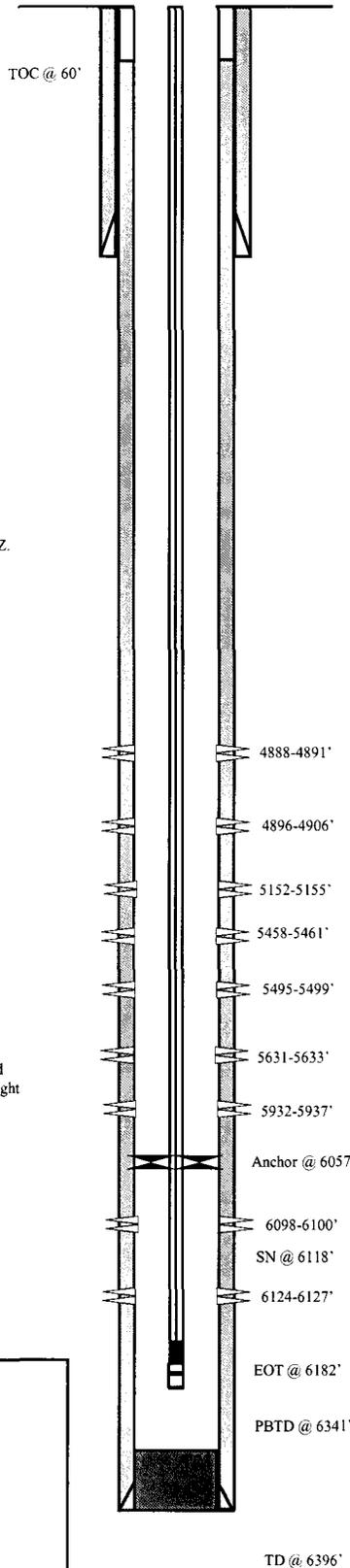
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts.(6372.02')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6386.63'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 60' per CBL 2/3/11

TUBING (GI 3/8/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 194 jts (6044.77')
 TUBING ANCHOR: 6056.77'
 NO. OF JOINTS: 2 jts (58.05')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED: 6117.62' KB
 NO. OF JOINTS: 2jts (62.69')
 NOTCHED COLLAR: 2-7/8" (0.45')
 TOTAL STRING LENGTH: EOT @ 6181.86'

SUCKER RODS (GI 3/8/11)

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 2', 6', 8' x 7/8" pony rods, 100 x 7/8" 4 per guided rods, 96 x 3/4" sucker rods, 40 x 3/4" 4 per guided rods, 6 x 1-1/2" weight bars, 4' x 7/8" stabilizer bar.
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC
 STROKE LENGTH: 124"
 PUMP SPEED, SPM: 3.5
 PUMPING UNIT: DARCO C-456-305-144



Date	Job ID	Description
2-25-11	6098-6127'	Frac CP5 sands as follows: Frac with 17360# 20/40 sand in 168bbls Lightning 17 fluid.
3-2-11	5932-5937'	Frac CP3 sands as follows: Frac with 14689# 20/40 sand in 127bbls Lightning 17 fluid.
3-2-11	5458-5633'	Frac LODC sands as follows: Frac with 29524# 20/40 sand in 245bbls Lightning 17 fluid.
3-2-11	5152-5155'	Frac B1 sands as follows: Frac with 8547# 20/40 sand in 148bbls Lightning 17 fluid.
3-2-11	4888-4906'	Frac D1 sands as follows: Frac with 51897# 20/40 sand in 309bbls Lightning 17 fluid.

PERFORATION RECORD

Depth Range	Tool Joint	Holes
6124-6127'	3 JSPF	9holes
6098-6100'	3 JSPF	6holes
5932-5937'	3 JSPF	15holes
5631-5633'	3 JSPF	6 holes
5495-5499'	3 JSPF	12holes
5458-5461'	3 JSPF	9holes
5152-5155'	3 JSPF	9holes
4896-4906'	3 JSPF	30holes
4888-4891'	3 JSPF	9holes



NEWFIELD

State 12-36-8-15
 1981'FSL & 661'FWL (NW/SE)
 Section 36, T8S, R15
 Duchesne Co, Utah
 API # 43-013-34224; Lease #ML-21835

Federal 16-35-8-15

Spud Date: 9-20-10
 Put on Production: 11-3-10
 GL: 5865' KB: 5877'

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (342.1')
 DEPTH LANDED: 353.95'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 180 sxs Class "G" cmt

PRODUCTION CASING

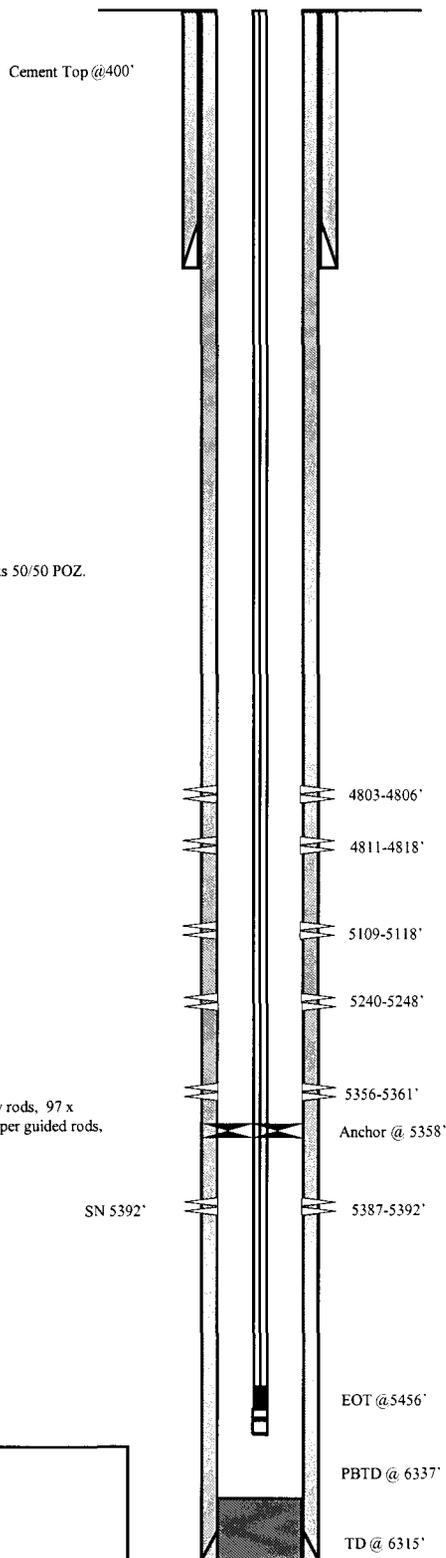
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148jts. (6249.37')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6307.06'
 CEMENT DATA: 270sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.
 CEMENT TOP AT: 400'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 171jts (5357.8')
 TUBING ANCHOR: 5357.8'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5392.1' KB
 NO. OF JOINTS: 2jts (61.9')
 TOTAL STRING LENGTH: EOT @ 5456'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2 x 3/4" pony rods, 1-8 x 3/4" pony rods, 97 x 7/8" 4 per guided rods, 90-x 3/4" sucker rods, 20-x 3/4" 4 per guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 21' x 24' RHAC
 STROKE LENGTH: 122
 PUMP SPEED: SPM 5



Wellbore Interval	Job ID	Fluid Type	Volume
10-28-10 5356-5392'	5356-5392'	Frac LODC sands as follows: Frac with 65109# 20/40 sand in 404bbbs Lightning 17 fluid.	404bbbs
10-28-10 5240-5248'	5240-5248'	Frac A1 sands as follows: Frac with 29299# 20/40 sand in 252bbbs Lightning 17 fluid.	252bbbs
10-28-10 5109-5118'	5109-5118'	Frac B2 sands as follows: Frac with 24276# 20/40 sand in 209bbbs Lightning 17 fluid.	209bbbs
10-28-10 4803-4818'	4803-4818'	Frac D1 sands as follows: Frac with 64168# 20/40 sand in 146bbbs Lightning 17 fluid.	146bbbs

PERFORATION RECORD

Wellbore Interval	Completion Type	Holes
5387-5392'	3 JSPF	15holes
5356-5361'	3 JSPF	15 holes
5240-5248'	3 JSPF	24holes
5109-5118'	3 JSPF	27 holes
4811-4818'	3 JSPF	21holes
4803-4806'	3 JSPF	9 holes

NEWFIELD

Federal 16-35-8-15

711'FSL & 474'FEL (SE/SE)
 Section 35, T8S, R15
 Duchesne Co, Utah
 API # 43-013-34255; Lease #UTU-67168

Well Name: GMBU U-35-8-15

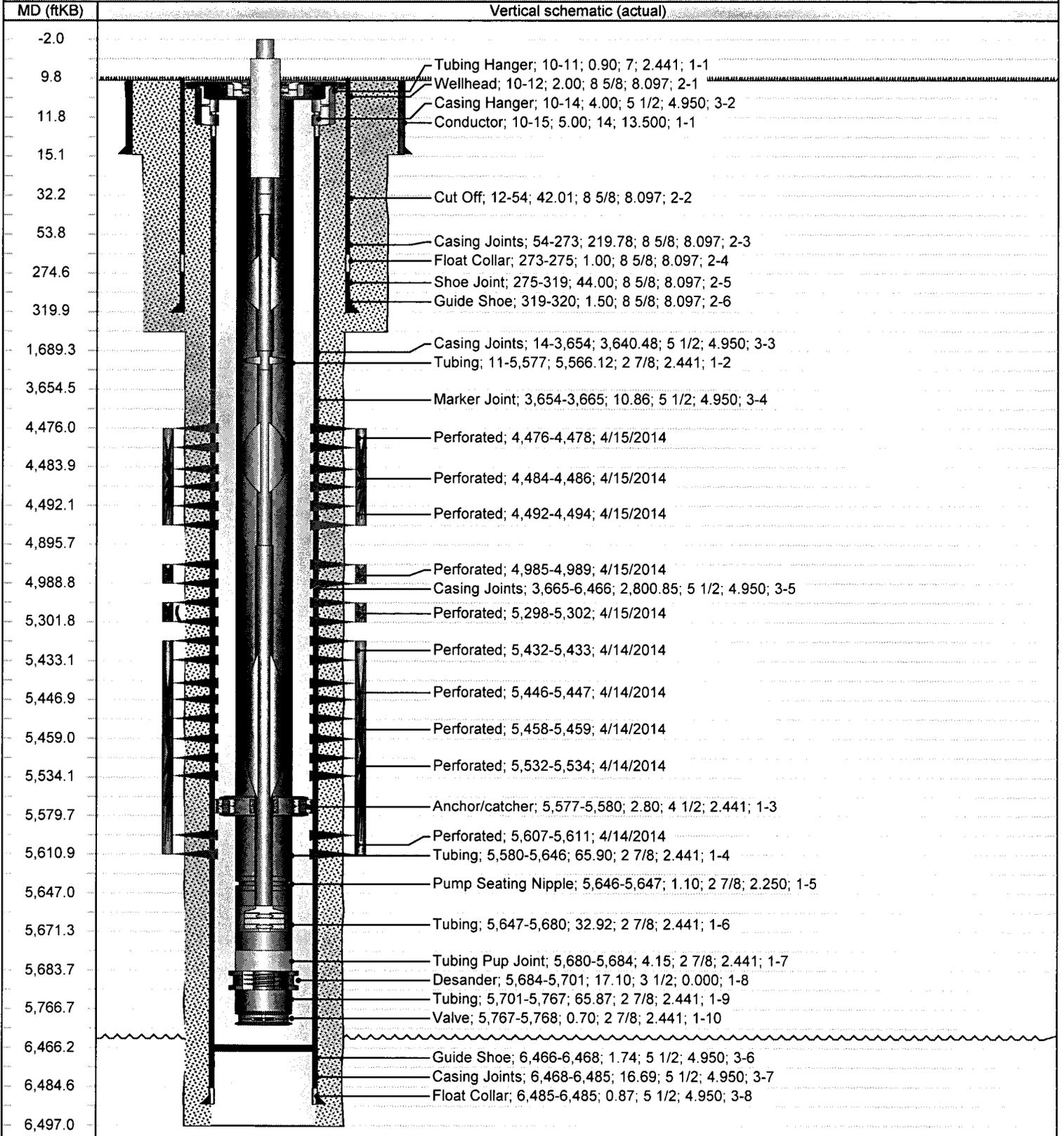
API/UWI 43013511190000	Surface Legal Location NWNW Lot 4 839 FNL 663 FWL Sec 1 T9S R15E	Field Name GMBU CTB1	Well RC 500325705	State/Province Utah	Well Type Development	Well Config Slant
Orig KB Elev (ft) 5,921	KB-TH (ft)	Well Start Date 3/19/2014	Rig Release Date 3/29/2014	On Prod Date 4/23/2014	PBTD (All) (ftKB) Original Hole - 6,466.2	Total Depth (All) (ftKB) Original Hole - 6,497.0

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 4/14/2014	Job End Date 4/18/2014
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TD: 6,497.0

Slant - Original Hole, 8/11/2015 2:21:31 PM



Well Name: GMBU 3-36-8-15H

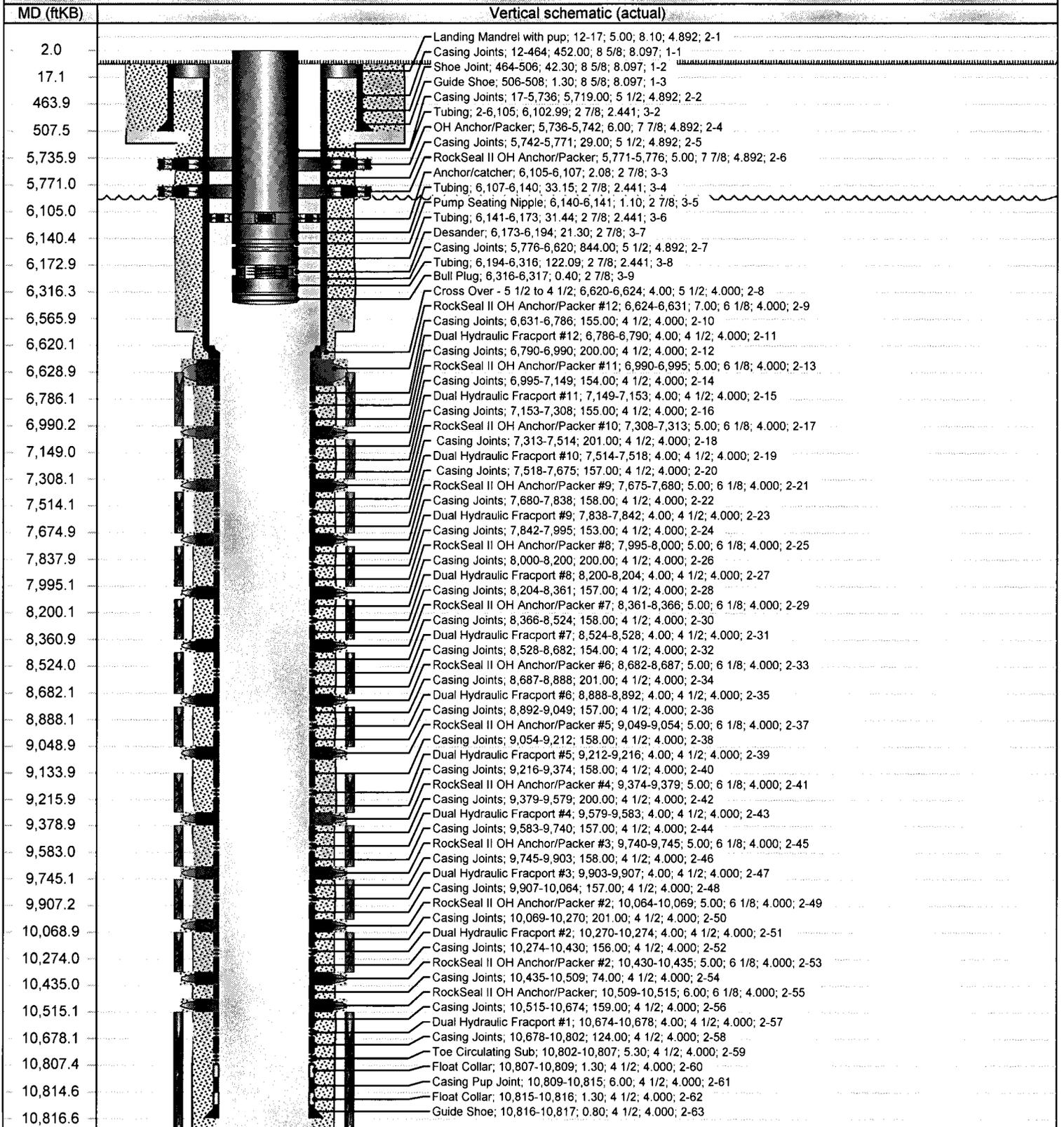
API/UWI 43013342320000	Surface Legal Location 36-8S-15E	Field Name GMBU CTB1	Well RC 500249090	State/Province Utah	Well Type Development	Well Config Vertical
Ong KB Elev (ft) 5,799	KB-TH (ft)	Well Start Date	Rig Release Date	On Prod Date 2/18/2011	PBTD (All) (ftKB)	Total Depth (All) (ftKB) Original Hole - 10,844.0
					Total Depth All (TVD) (ftKB)	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 10/14/2014	Job End Date
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TD: 10,844.0

Vertical - Original Hole, 8/11/2015 2:23:20 PM



Well Name: **Gmbu 2-36-8-15H**

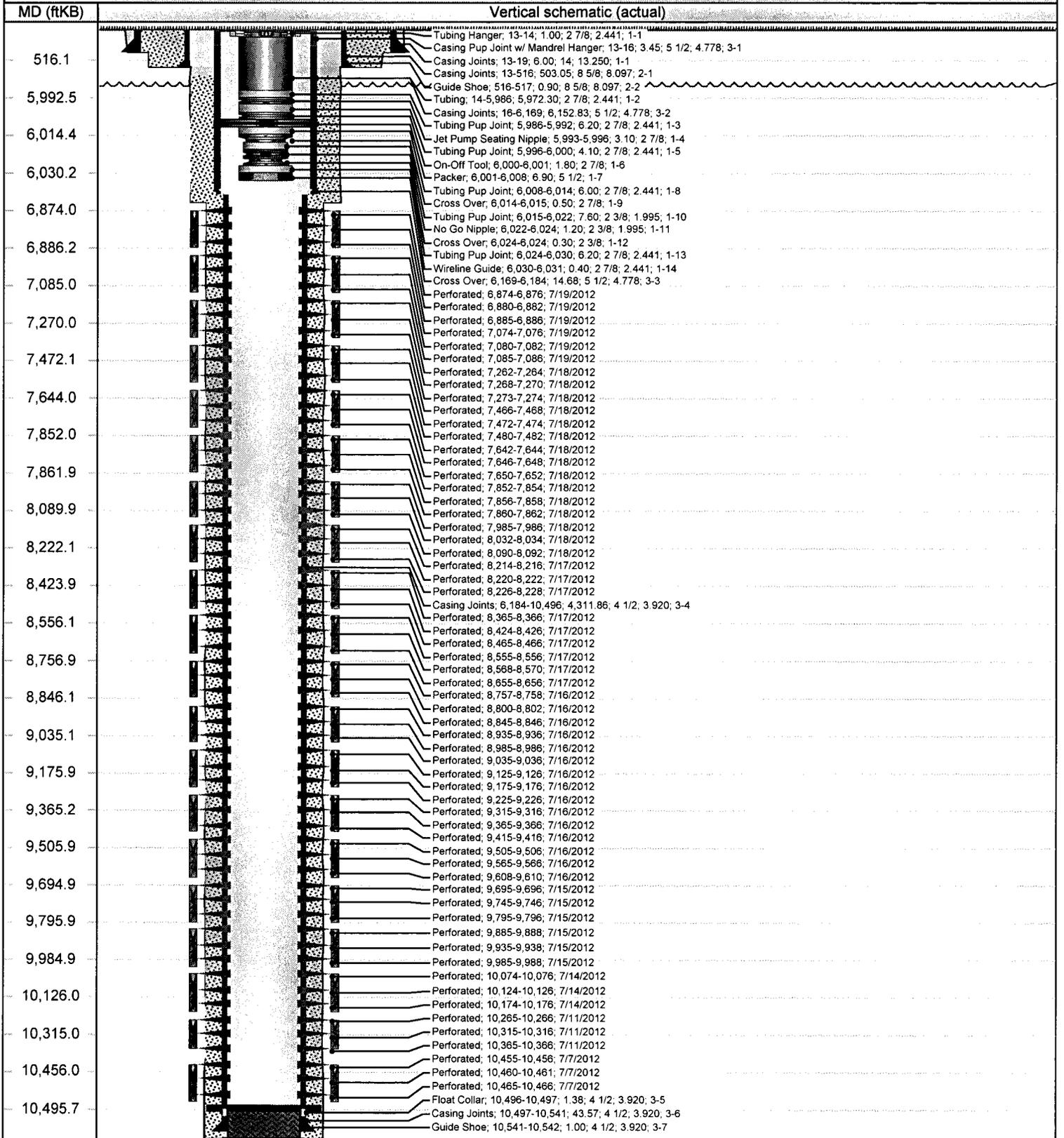
API/UWI 43013510650000	Surface Legal Location 36-8S-15E	Field Name GMBU CTB1	Well RC 500334535	State/Province Utah	Well Type Horizontal	Well Config Horizontal
Ong KB Elev (ft) 5,787	KB-TH (ft)	Well Start Date 5/22/2012	Rig Release D. 7/2/2012	On Prod Date 7/29/2012	PBTD (All) (ftKB) Original Hole - 10,495.8	Total Depth All (ftKB) Original Hole - 10,580.0
			Total Depth All (TVD) (ftKB) Original Hole - 6,122.3			

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type Other	Job Start Date 7/4/2012	Job End Date 7/26/2012
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TD: 10,580.0

Horizontal - Original Hole, 8/11/2015 2:25:33 PM



Well Name: GMBU W-36-8-15

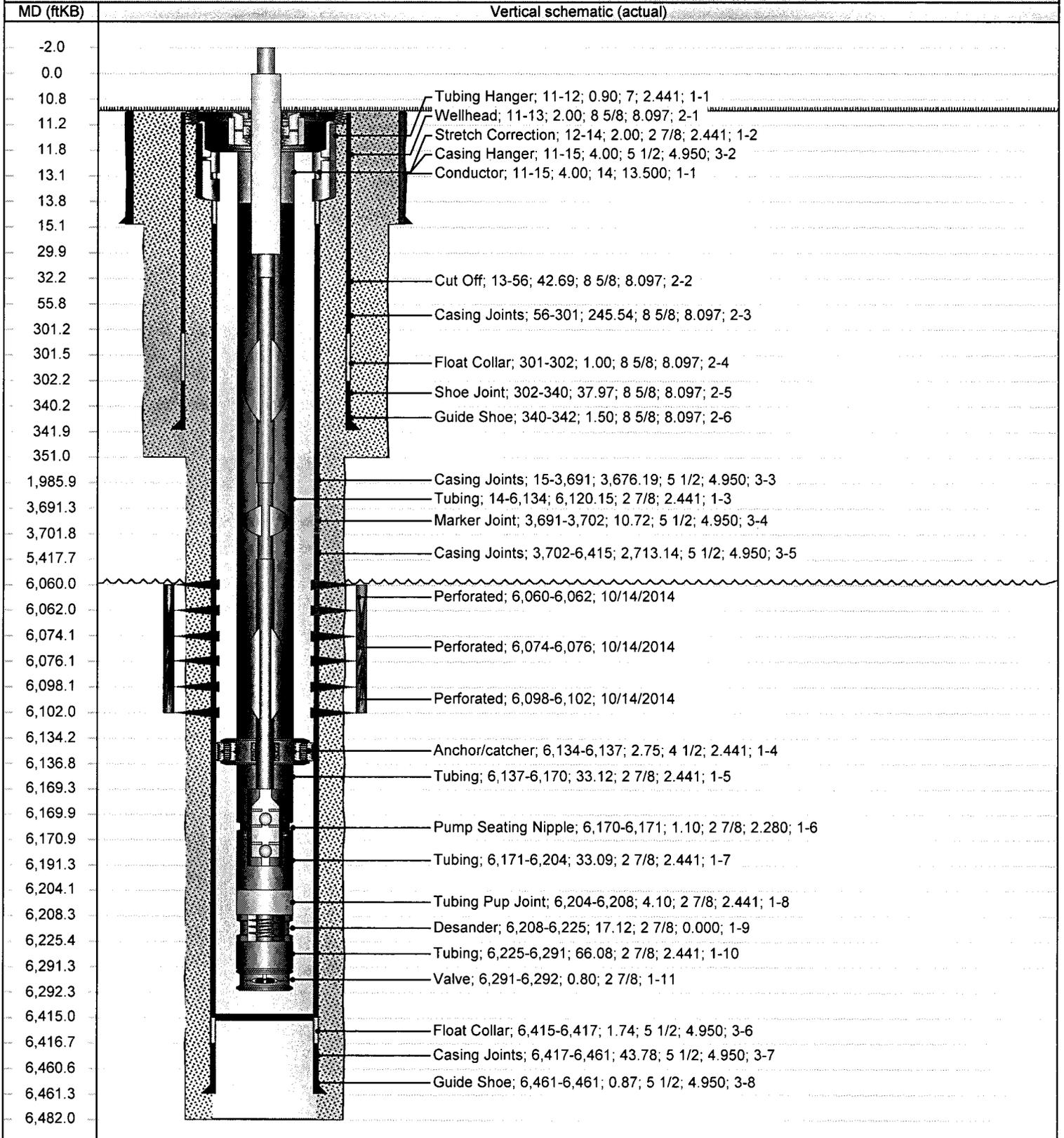
API/UWI 4301351780000	Surface Legal Location NENW Lot 3 672 FNL 1992 FWL Sec 1 T9S R15E	Field Name GMBU CTB1	Well RC 500348066	State/Province Utah	Well Type Development	Well Config Slant
Ong KB Elev (ft) 5,909	KB-TH (ft)	Well Start Date 9/10/2014	Rig Release D. 9/28/2014	On Prod Date 10/21/2014	PBTD (All) (ftKB) Original Hole - 6,415.0	Total Depth All (TVD) (ftKB) Original Hole - 6,482.0

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 10/14/2014	Job End Date 10/17/2014
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TD: 6,482.0

Slant - Original Hole, 8/11/2015 2:26:03 PM



Well Name: Ashley 3-1-9-15

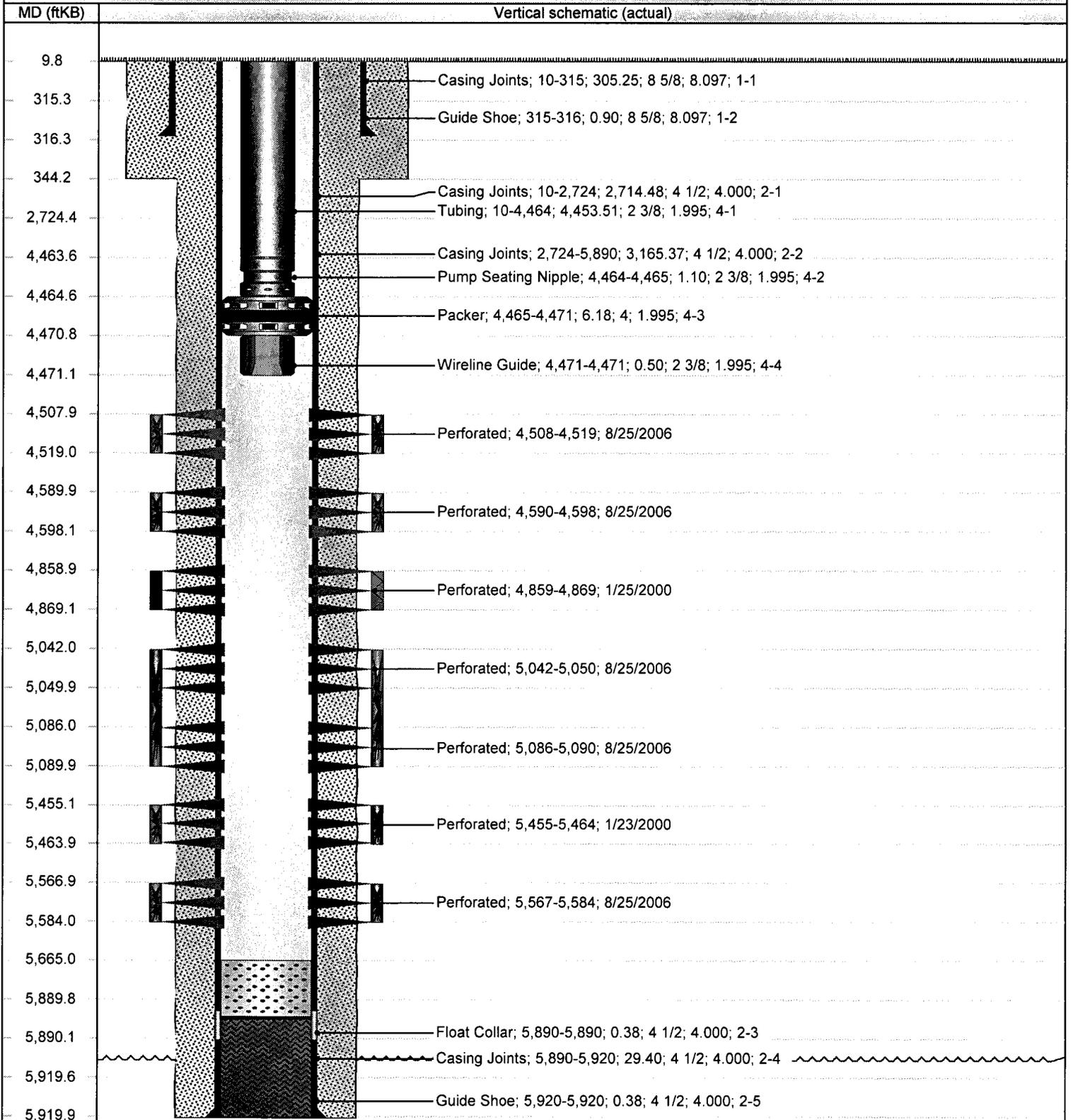
API/UWI 43013321170000	Surface Legal Location 01-9S-15E	Field Name GMBU CTB2	Well RC 500151150	State/Province Utah	Well Type Vertical	Well Config Vertical
Ong KB Elev (ft) 5,904	KB-TH (ft)	Well Start Date 12/30/1999	Rig Release D.	On Prod Date 1/28/2000	PBD (All) (ftKB) Original Hole - 5,889.9	Total Depth (All) (ftKB) Original Hole - 5,920.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 8/31/2010	Job End Date 9/29/2010
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TD: 5,920.0

Vertical - Original Hole, 8/11/2015 2:27:39 PM



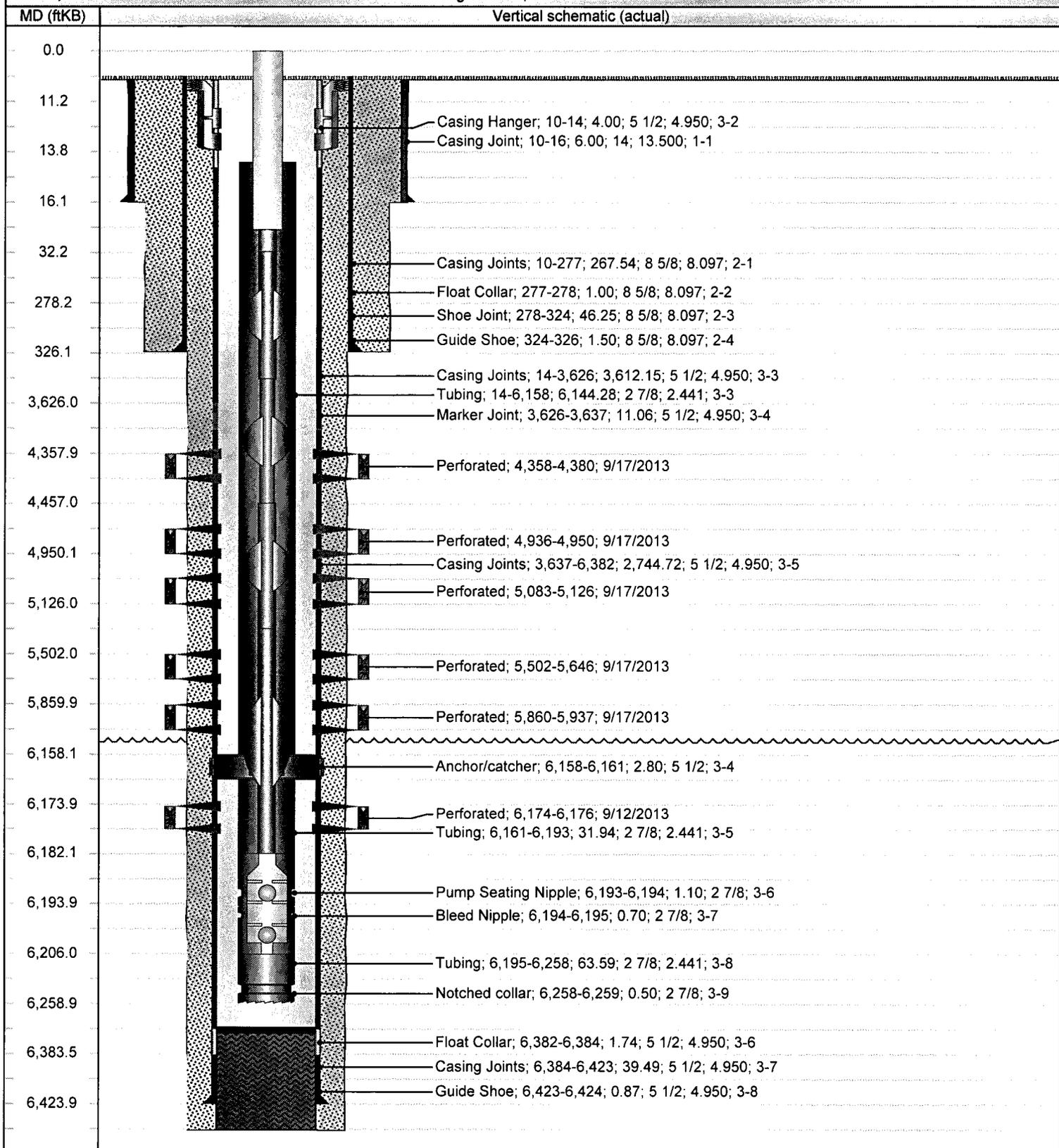
Well Name: **GMBU G-1-9-15**

API/UWI 43013517680000	Surface Legal Location 1940' FNL 1975' FWL, SE/NW Sec 1 T9S R15E	Field Name GMBU CTB2	Well RC 500348125	State/Province Utah	Well Type Development	Well Config Slant
Orig KB Elev (ft) 5,933	KB-TH (ft)	Well Start Date 7/11/2013	Rig Release D. 8/28/2013	On Prod Date	PBTD (All) (ftKB) Original Hole - 6,382.0	Total Depth (All) (ftKB) Original Hole - 6,439.0
			Total Depth All (TVD) (ftKB) Original Hole - 6,315.7			

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 5/20/2015	Job End Date 5/22/2015
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TD: **6,439.0** Slant - Original Hole, 8/11/2015 2:28:09 PM



Well Name: Ashley 1-2-9-15

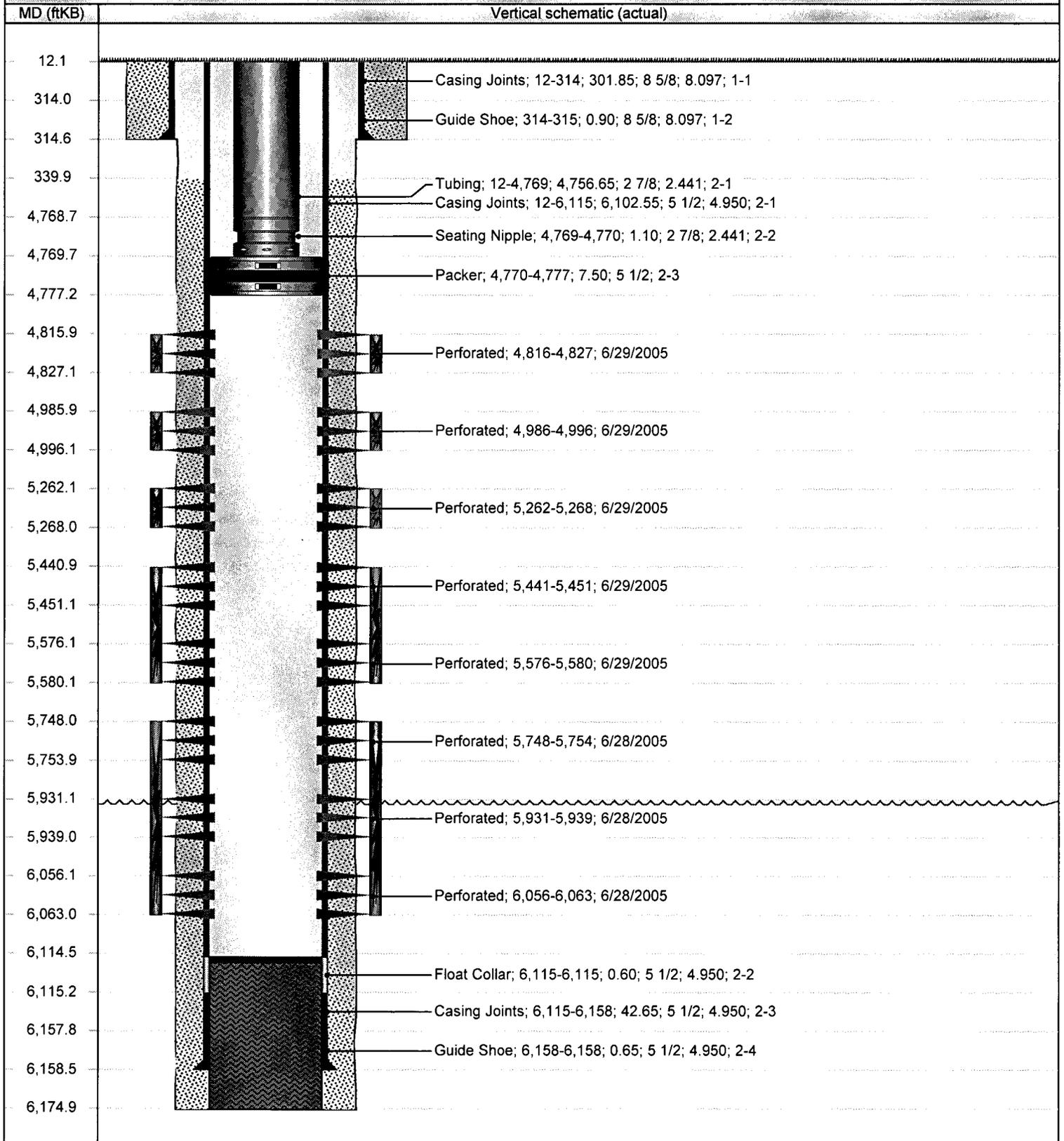
API/UVI 43013324360000	Surface Legal Location 02-9S-15E	Field Name GMBU CTB2	Well RC 500151733	State/Province Utah	Well Type Vertical	Well Config Vertical
Orig KB Elev (ft) 5,932	KB-TH (ft)	Well Start Date 4/7/2005	Rig Release D. 6/20/2005	On Prod Date 7/5/2005	PBTD (All) (ftKB) Original Hole - 6,114.6	Total Depth All (TVD) (ftKB) Original Hole - 6,175.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Clean-out	Secondary Job Type N/A	Job Start Date 8/5/2014	Job End Date 8/5/2014
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TD: 6,175.0

Vertical - Original Hole, 8/11/2015 2:28:44 PM



Well Name: GMBU J-2-9-15

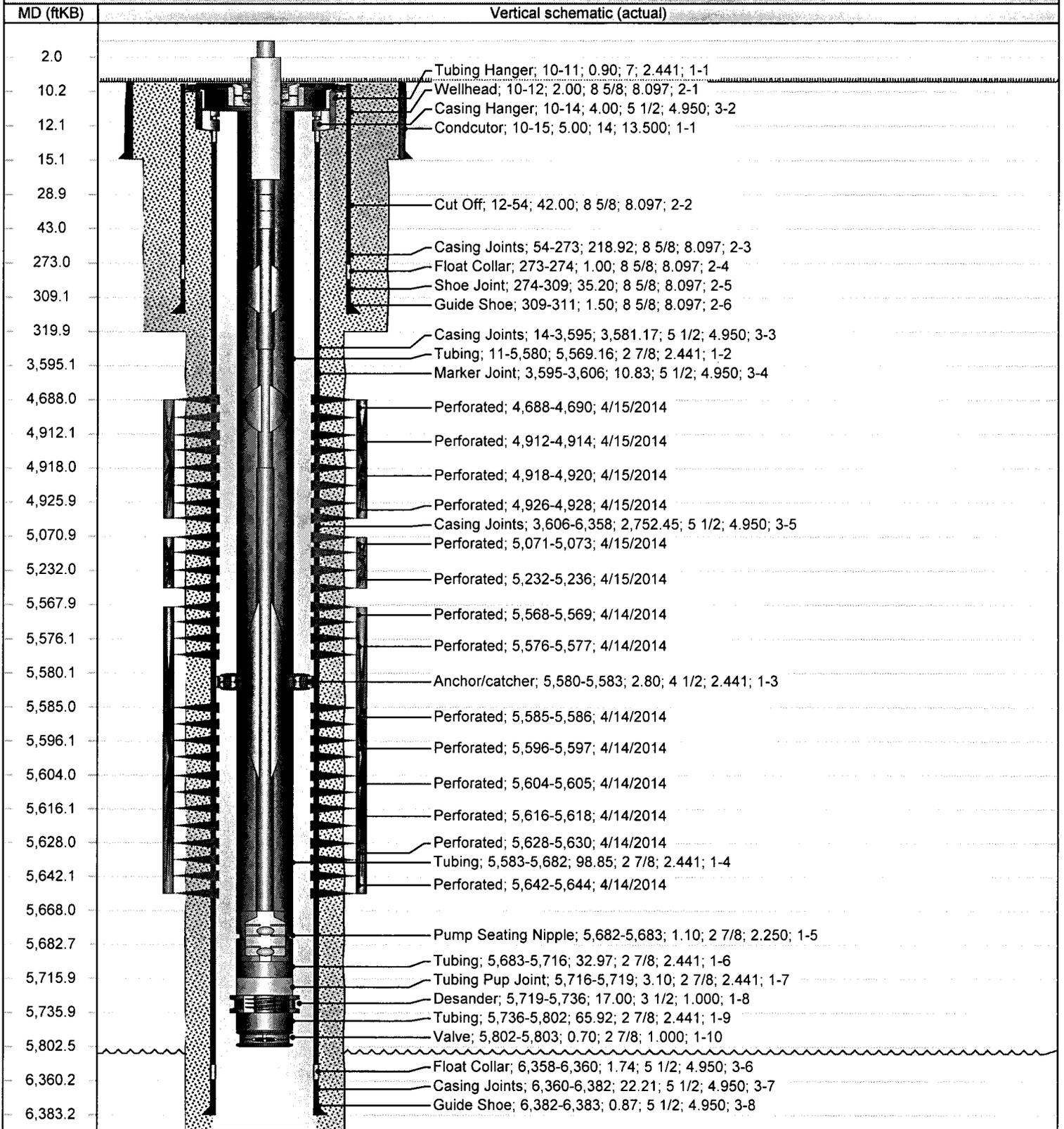
API/UWI 43013511200000	Surface Legal Location NWNW (Lot 4) 859 FNL 670 FWL Sec 1 T9S R15E	Field Name GMBU CTB2	Well RC 500325701	State/Province Utah	Well Type Development	Well Config Slant
Orig KB Elev (ft) 5,921	KB-TH (ft)	Well Start Date 3/20/2014	Rig Release D... 4/1/2014	On Prod Date 4/23/2014	PBTD (All) (ftKB)	Total Depth (All) (ftKB) Original Hole - 6,390.0
						Total Depth All (TVD) (ftKB) Original Hole - 6,260.2

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 4/14/2014	Job End Date 4/22/2014
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TD: 6,390.0

Slant - Original Hole, 8/11/2015 2:29:18 PM



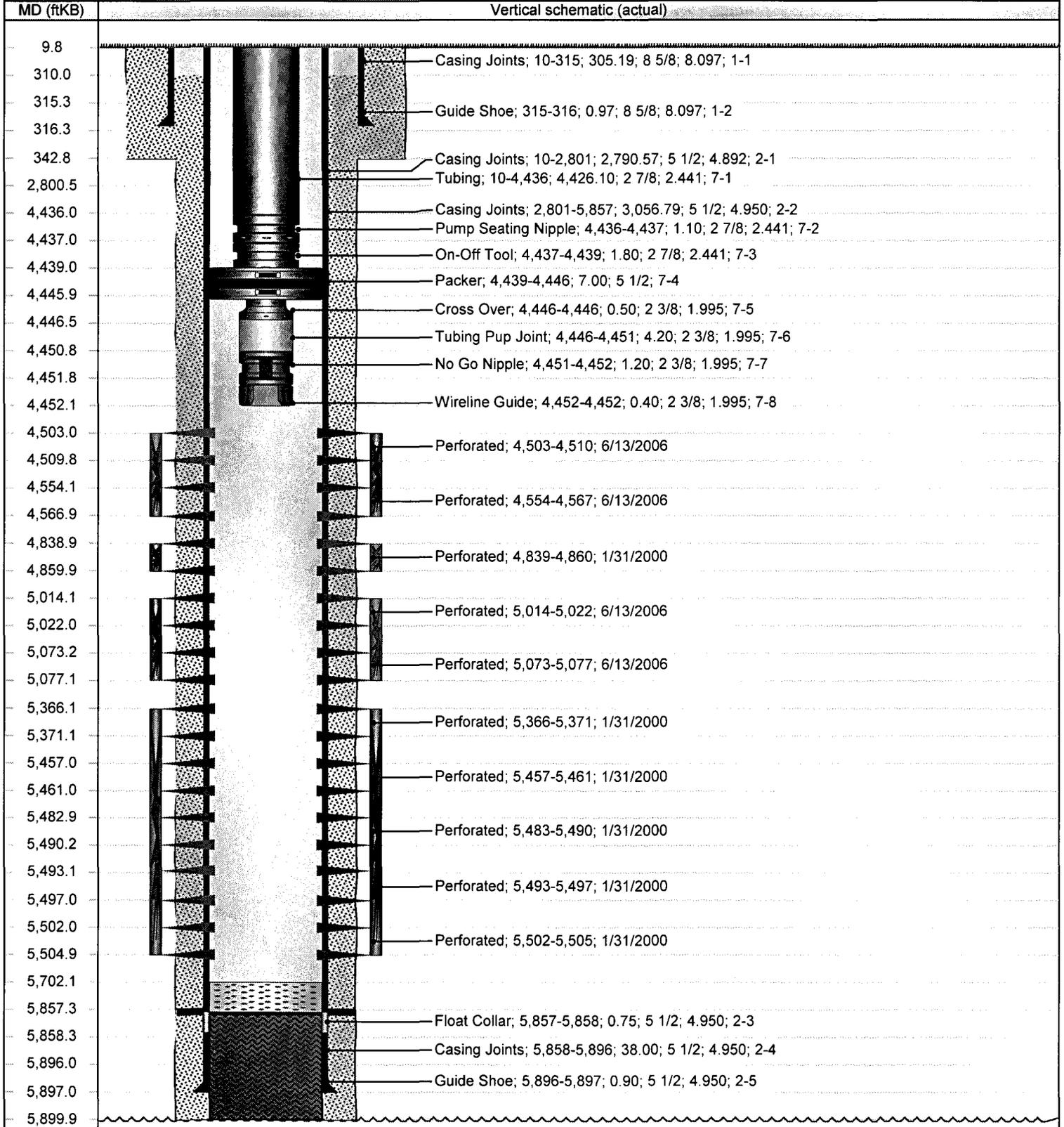
Well Name: Ashley 4-1-9-15

API/UWI 43013321180000	Surface Legal Location 01-9S-15E	Field Name GMBU CTB2	Well RC 500151947	State/Province Utah	Well Type Vertical	Well Config Vertical
Orig KB Elev (ft) 5,917	KB-TH (ft)	Well Start Date 1/8/2000	Rig Release D. 1/16/2000	On Prod Date 2/1/2000	PBTD (All) (ftKB) Original Hole - 5,857.4	Total Depth (All) (ftKB) Original Hole - 5,900.0

Most Recent Job

Job Category Production / Workover	Primary Job Type GYRO Survey	Secondary Job Type Survey	Job Start Date 9/26/2013	Job End Date 9/26/2013
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TD: 5,900.0 Vertical - Original Hole, 8/11/2015 2:29:49 PM



GMB 14-36-8-15H Wellbore Diagram



Surface Location: SE/SW, Sec 36, T8S R15E
 County/State: Greater Monument Butte, Duchesne County, Utah
 Elevation: 5,874' GL + 12' KB API: 43-013-34222

Wellhead

9-5/8" Casing Shoe
314

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbf/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	314							Surface
Production	5-1/2"	17#	L-80	LTC	0	6,574	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar:
Production	4-1/2"	11.6#	P-110	LTC	6,574	11,015	7,774	8,510	4,000	3,875	0.0155	6-1/8"	5577.4' md to Surface

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail

TBG DETAIL:
 2 7/8 bullplug & cplg, 3 jts 2 7/8 tbg, 2 7/8 nipple, 3 1/2" PBGA, 2 7/8 pup jt, 1 jt 2 7/8 tbg, SN, 1 jt 2 7/8 tbg, CDI 5 1/2" TA (45K shear & carbide slips), 198 jts 2 7/8 8rd 6.5# J-55 tbg and tbg hanger.

TA @ 6118'
 SN @ 6152'
 EOT @ 6301'

Modified TAC per WFD to get through Port Collar

Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints

Rod Detail	Size	Grade	Count	Length	Top	Bottom
WFD CoROD SE4						
CDI 2 1/2" X 1 3/4" X 20' RTBC Maggyver pump W/ pony on top. Add Browning on-off tool second stabilizer pony rod & spool in SE #4 corod. Space out & weld on 7/8" connector. Add 1-8', 1-6', 1-4' & 1-2' X 7/8" EL pony rods. PU 1 1/2" X 30' SM polished rod.						

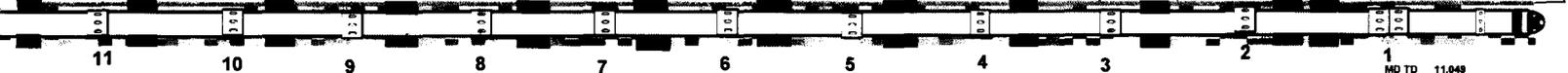
WELLBORE FLUIDS
 top Rockseal OH packer up= +10.4 ppg mud before cement job performed.
 Lateral section fluid= +8.4 ppg "clean" brine

Proposed Frac Data	Packer Plus 11 Stage StackFrac HD Stimulation Liner		Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbbl)
	Top	Bottom			
Toe Section	11,003	11,045	Packer Plus 4-1/2" Toe Circulating Sub w/1,000" Seat for 1,260" SF2 High Pressure Ball (Actuated at 1,098 psi) and TD		
Stage 1	10,812	11,003	Dual Hydraulic Frac Port: Depth 10,820 Ball OD (in.) NA Seat ID (in.) NA Vol. to Seat (bbl) 212.86 Actual Vol. (bbl) NA Difference (bbl) NA Ball Action (AP)	100 mesh sand 11,138 3050 mesh sand 34,648	1,714
OH Anchor/Packer	10,812	10,819	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Mechanical Packer 1	10,738	10,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 10,653 3050 mesh sand 63,844	2,250
Stage 2	10,307	10,738	FracPort 2: Depth 10,340 Ball OD (in.) 2,376 Seat ID (in.) 2,260 Vol. to Seat (bbl) 206.84 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 10,607 3050 mesh sand 56,812	2,062
Mechanical Packer 2	10,302	10,307	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 3	9,914	10,302	FracPort 3: Depth 10,109 Ball OD (in.) 2,376 Seat ID (in.) 2,276 Vol. to Seat (bbl) 200.27 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 9,813 3050 mesh sand 67,202	2,012
Mechanical Packer 3	9,914	9,919	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 4	9,526	9,914	FracPort 4: Depth 9,719 Ball OD (in.) 2,626 Seat ID (in.) 2,500 Vol. to Seat (bbl) 194.23 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 9,387 3050 mesh sand 56,761	1,962
Mechanical Packer 4	9,520	9,526	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 5	9,134	9,520	FracPort 5: Depth 9,324 Ball OD (in.) 2,768 Seat ID (in.) 2,638 Vol. to Seat (bbl) 188.12 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 9,013 3050 mesh sand 56,226	1,872
Mechanical Packer 5	9,129	9,134	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 6	8,698	9,129	FracPort 6: Depth 8,891 Ball OD (in.) 2,976 Seat ID (in.) 2,760 Vol. to Seat (bbl) 181.42 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 8,719 3050 mesh sand 46,316	1,693
Mechanical Packer 6	8,693	8,698	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 7	8,304	8,693	FracPort 7: Depth 8,498 Ball OD (in.) 3,006 Seat ID (in.) 2,878 Vol. to Seat (bbl) 176.34 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 8,576 3050 mesh sand 53,897	1,776
Mechanical Packer 7	8,304	8,308	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 8	7,882	8,304	FracPort 8: Depth 8,110 Ball OD (in.) 3,006 Seat ID (in.) 2,900 Vol. to Seat (bbl) 169.33 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 10,382 3050 mesh sand 61,168	1,833
Mechanical Packer 8	7,877	7,882	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 9	7,493	7,877	FracPort 9: Depth 7,682 Ball OD (in.) 3,290 Seat ID (in.) 3,126 Vol. to Seat (bbl) 162.71 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 10,078 3050 mesh sand 64,704	1,844
Mechanical Packer 9	7,487	7,493	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 10	7,061	7,487	FracPort 10: Depth 7,293 Ball OD (in.) 3,260 Seat ID (in.) 3,260 Vol. to Seat (bbl) 166.90 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)	100 mesh sand 16,739 3050 mesh sand 78,686	2,412
Mechanical Packer 10	7,056	7,061	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 11	6,674	7,056	FracPort 11: Depth 6,864 Ball OD (in.) 3,500 Seat ID (in.) 3,376 Vol. to Seat (bbl) 160.86 Actual Vol. (bbl) 0.00 Difference (bbl) NA Ball Action (AP)		
Mechanical Packer 11	6,668	6,674	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
RockSeal II Packer	5,670	5,679	Packer Plus 8-6/8" x 6-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		
Rockseal II Packer	5,635	5,641	Packer Plus 8-6/8" x 6-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		
Lat Length 4,371				Sand Total 100 mesh sand 111,667	
Total Stim. Lateral 4,338				729,824 30/60 mesh sand 618,167	
Avg. Stage Length 394 *between packers				#sand per foot of lateral: 168	

WFD port Collar
5,577
KOP
5686' tvd/md

Packer Plus Rockseal OH Packers 10
5635 & 5670

5.5"x4.5" XO 6,574



MD TD 11,049
TVD TD 6,416

Well Name: GMBU H-1-9-15

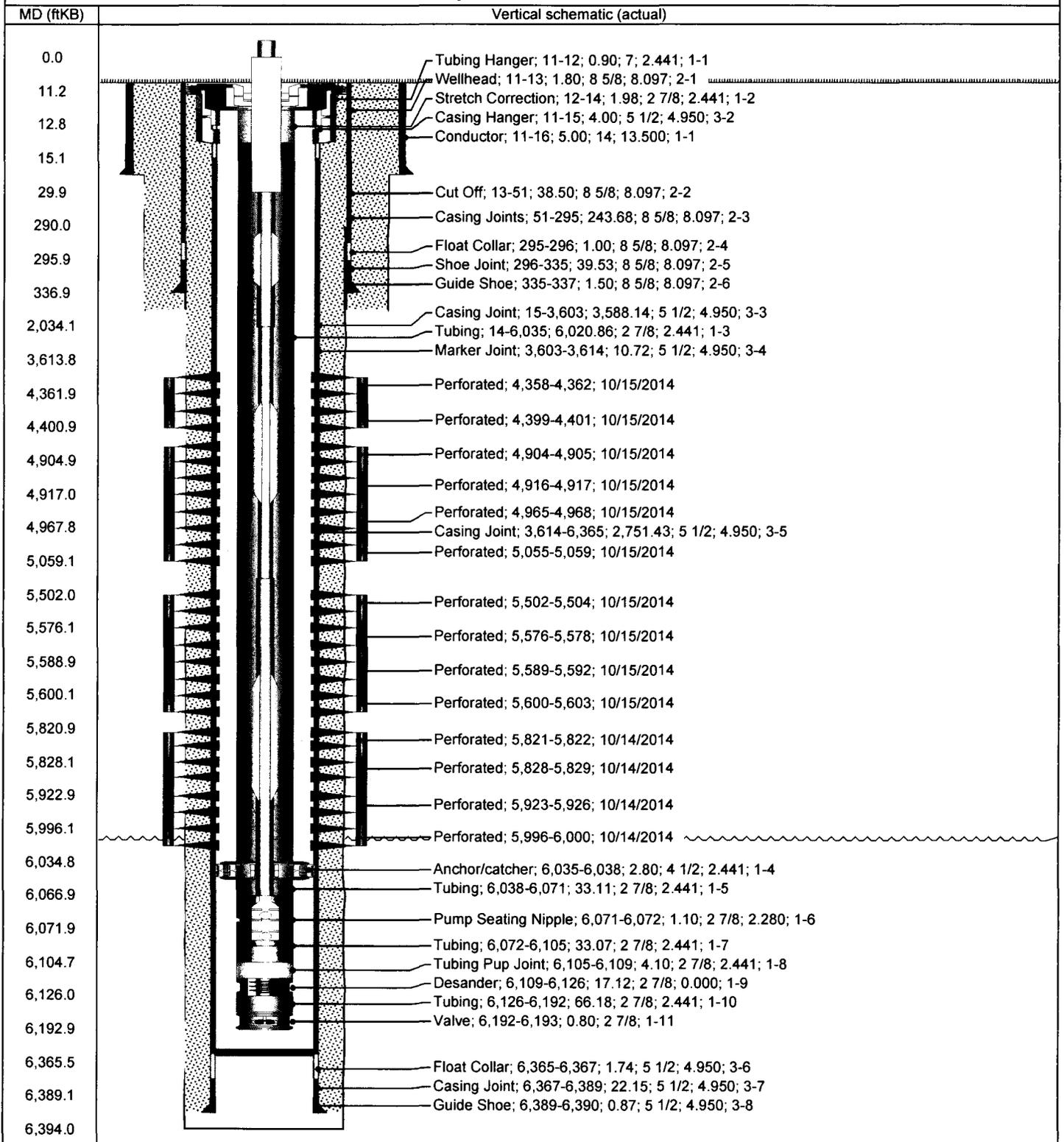
API/UWI 43013517710000	Surface Legal Location NENW Lot 3 686 FNL 2008 FWL Sec 1 T9S R15E	Field Name GMBU CTB2	Well RC 500348064	State/Province Utah	Well Type Development	Well Config Slant
Ong KB Elev (ft) 5,909	KB-TH (ft)	Well Start Date 9/11/2014	Rig Release D... 10/2/2014	On Prod Date 10/21/2014	PBTD (All) (ftKB) Original Hole - 6,365.3	Total Depth (All) (ftKB) Original Hole - 6,394.0
					Total Depth All (TVD) (ftKB) Original Hole - 6,299.3	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 10/14/2014	Job End Date 10/21/2014
------------------------------------	--	---------------------------	------------------------------	----------------------------

TD: 6,394.0

Slant - Original Hole, 9/2/2015 11:39:42 AM



Attachment "G"

**State #13-36-8-15
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4865	4869	4867	2291	0.90	2240 ←
5293	5325	5309	2473	0.90	2437
5431	5584	5508	2983	0.98	2935
				Minimum	<u><u>2240</u></u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 * 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Attachment G-1

1 of 2

Daily Activity Report

Format For Sundry

STATE 13-36-8-15**1/1/2010 To 5/30/2010****3/11/2010 Day: 1****Completion**

Rigless on 3/11/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6199' cement top @ 32'. Perforate LODC sds as shown in perforation report. 149 BWTR. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$13,598**3/19/2010 Day: 2****Completion**

Rigless on 3/19/2010 - Frac well. Flow well back. - Stage #3: D1 sds. RU WLT. RIH w/ frac plug & 4' perf gun. Set plug @ 4970'. Perforate D1 sds @ 4865-69' w/ 3 spf for total of 12 shots. RU BJ & open well w/ 1500 psi on casing. Perfs broke down @ 3016 psi back to 2307 w/ 3 bbls @ 3 bpm. ISIP ws 2131 w/.87FG. Pressure to low. Frac w/ 8483#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2835 w/ ave rate of 21 bpm w/ 6 ppg of sand. ISIP was 2291 w/.90FG. 5 min was 2139. 10 min was 2112. 15 min was 2093. 2616 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1.5 hours & died. w/ 200 bbls rec'd. SIFN w/ 2416 bbls EWTR.. - Stage #1 LODC sds. RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 61 psi on casing. Perfs broke down @ 2853 psi back to 2183 w/ 3 bbls @ 5 bpm. ISIP ws 1906 w/.78FG. 1 min was 1634. 4 min ws 1297. Pump 36 bbls of 15% HCL acid w/ 150 bioballs in first 8 bbls (balled out twice once w/ 10 bbls acid on & second w/ 26 bbls on). ISIP was 2122 w/ .82FG. 5 min was 1914. 10 min was 1827. 15 min was 1768. RD ball launcher. Surged balls off. Frac w/ 200,659#'s of 20/40 sand in 1640 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3287 w/ ave rate of 62 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2983 w/.98FG. 5 min was 2627. 10 min was 2359. 15 min was 2188. 1753 bbls EWTR. Leave pressure on well. - Stage #2: A3 sds. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 10', 4' perf guns. Set plug @ 5380'. Perforate A3 sds @ 5316-25, 5293-97' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 42 shots. RU BJ & open well w/ 1762 psi on casing. Perfs broke down @ 3845 psi back to 2318 w/ 3 bbls @ 3 bpm. ISIP was 2000 w/.81FG. Pressure to low. Frac w/ 70,616#'s of 20/40 sand in 595 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2700 w/ ave rate of 50 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2473 w/.90FG. 5 min was 2190. 10 min was 2090. 15 min was 1871. 2348 bbls EWTR. Leave pressure on well.

Daily Cost: \$0**Cumulative Cost:** \$112,482**3/21/2010 Day: 3****Completion**

Leed #731 on 3/21/2010 - Set Kill plug. Move rig on well. - Open well w/ 200 psi on casing. RU Perforators LLC WLT. RIH w/ Weatherford 5-1/2" composite solid plug & set @ 4760'. MIRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" chomp mill & X-over sub. Tally, pickup & TIH w/ new 2-7/8", 6.5#, J-55 tbg w/ 98 jts. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$149,512

Attachment G-1
2 of 2

3/22/2010 Day: 4**Completion**

Leed #731 on 3/22/2010 - PU tbg. Drlg out plugs. - Open well w/ 0 psi on casing. TIH w/ tbg to tag plug @ 4760'. RU pump, swivel & tanks. Drlg out plug in 15 min. TIH w/ tbg to tag plug @ 49700'. Drlg out plug #1. TIH w/tg to tag fill @ 5340'. C/O to plug @ 5380'. Drlg out plug #2. TIH w/ tbg to tag fill @ 6009'. C/O to PBD @ 6242'. LD 2 jts. RU swab & well started to flowing. Flowed for 4 hours & rec'd 500 bbls fluid. RD swab equipment. SIFN w/ 1916 bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$153,437

3/23/2010 Day: 5**Completion**

Leed #731 on 3/23/2010 - Pump Brine water. TIH w/ production. Put well on pump. - Open well w/ 350 psi on casing. Circulate 200 bbls of 10# brine. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 2 jts tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 175 jts tbg. RD BOP's. Set TA @ 5516' w/ 17,000#'s tension w/ SN @ 5580' & EOT @ 5644'. Flush tbg w/ 60 bbls water. Pick-up & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Cntrl Hydrlic RHAC pump w/ 181"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 98- 3/4" plain rods, 97- 7/8" guided rods, 2',8',4',2' x 7/8" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. POP @ 7PM w/ 122"SL @ 5 spm w/ 1916 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$199,864

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4815'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 175' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uintah/Green River and extending 60' below.
5. Plug #4 Pump 100 sx Class "G" cement down 5 ½" casing to surface.

The approximate cost to plug and abandon this well is \$42,000.

State 13-36-8-15

Spud Date: 02/20/2010
 Put on Production: 03/23/2010
 GL: 5885' KB: 5897'

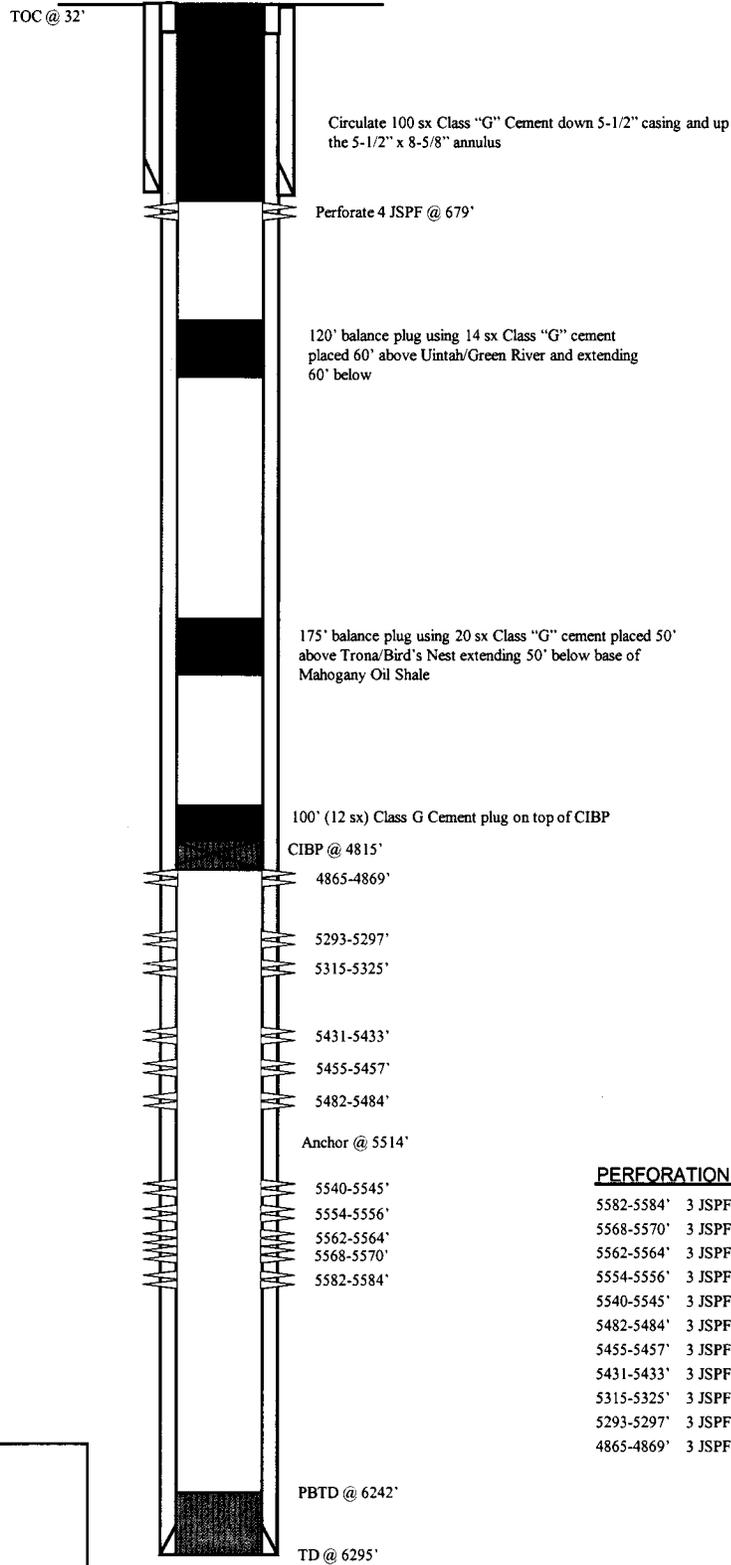
Proposed P&A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 14jts (619.12')
 DEPTH LANDED: 629.12'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 300sxs Class "G" cmt, circ 10 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144jts (6289.61')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6287.61'
 CEMENT DATA: 300sxs Premlite II & 400sxs 50/50 POZ.
 CEMENT TOP AT: 32' per CBL 3/11/10



PERFORATION RECORD

5582-5584'	3 JSPF	6 holes
5568-5570'	3 JSPF	6 holes
5562-5564'	3 JSPF	6 holes
5554-5556'	3 JSPF	6 holes
5540-5545'	3 JSPF	15 holes
5482-5484'	3 JSPF	6 holes
5455-5457'	3 JSPF	6 holes
5431-5433'	3 JSPF	6 holes
5315-5325'	3 JSPF	30 holes
5293-5297'	3 JSPF	12 holes
4865-4869'	3 JSPF	12 holes

NEWFIELD



State 13-36-8-15
 661' FSL & 660' FWL (SW/SW)
 Section 36, T8S, R15E
 Duchesne Co, Utah
 API # 43-013-34223; Lease # ML-21835

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: ML-21835	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: STATE 13-36-8-15	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013342230000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 15.0E Meridian: S		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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well will no longer be converted to a Water Injection Well. The decision has been made to Plug and Abandon the State 13-36-8-15.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 12, 2015			
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		DATE 11/12/2015	

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: ML-21835
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: STATE 13-36-8-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 15.0E Meridian: S	9. API NUMBER: 43013342230000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013342230000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/12/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input 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 checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield proposes to Plug and Abandon the State 13-36-8-15. See attached plug and abandon procedure and proposed wellbore.

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

Date: December 01, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/12/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013342230000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #1A: A 100' plug (± 12 sx) shall be balanced from $\pm 3900'$ to $3800'$. This will isolate the approved injection interval.**
- 3. Add Plug #3A: A 100' plug (± 12 sx) shall be balanced from $\pm 650'$ to $550'$. This will isolate the base of moderately saline groundwater as required by R649-3-24-3.3 and the surface shoe as required by R649-3-24-3.6.**
- 4. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
 - 5. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Wellbore Diagram

API Well No: 43-013-34223-00-00 Permit No: Well Name/No: STATE 13-36-8-15

Company Name: NEWFIELD PRODUCTION COMPANY

Location: Sec: 36 T: 8S R: 15E Spot: SWSW

Coordinates: X: 569274 Y: 4435735

Field Name: MONUMENT BUTTE

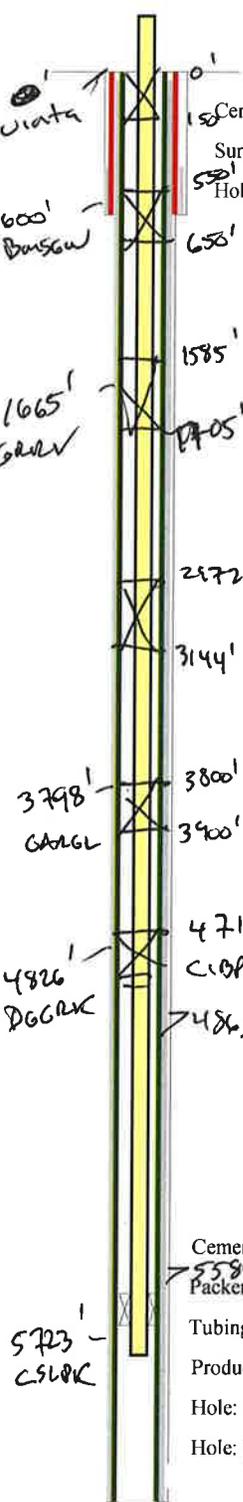
County Name: DUCHESNE

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	629	12.25		
SURF	629	8.625	24	629
HOL2	6288	7.875		
PROD	6288	5.5	15.5	6288
T1	5644	2.875		
PKR	5514			

Capacity (G/CF)

7.483



Plug #4
 $(165x)(1.15)(7.483) = 137'$

Cement from 629 ft.
 Surface: 8.625 in. @ 629 ft.
 Hole: 12.25 in. @ 629 ft.

Add Plug #3A
 100' across shoe and BMSCW fr 650' to 550'
 $125x = 100'$

Plug #3
 $(145x)(1.15)(7.483) = 120'$
 TOC @ 1585' ✓

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6288	32	PM	300
PROD	6288	32	50	400
SURF	629	0	G	300

Plug #2
 $(205x)(1.15)(7.483) = 172'$
 TOC @ 2972' ✓

* Add Plug #1A
 100' across top of int. interval
 3900' to 3800' → 125x

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4865	5584			

Plug #1
 $(125x)(1.15)(7.483) = 103'$
 TOC @ 4715' ✓

Formation Information

Formation	Depth
GARGL	3798
DGCRK	4826
CSLPK	5723
BMSCW	600'
GRGL	1665'
UNT	0

Cement from 6288 ft. to 32 ft.
 Packer: @ 5514 ft.
 Tubing: 2.875 in. @ 5644 ft.
 Production: 5.5 in. @ 6288 ft.
 Hole: 7.875 in. @ 6288 ft.
 Hole: Unknown

TD: 6295 TVD: 6295 PBD: 6242

NEWFIELD PRODUCTION COMPANY**State 13-36-8-15****Plug & Abandonment Procedure**

DOWNHOLE DATA		
Elevation:	5885' GL; 5897' KB	
TD:	6295'	
Surface casing:	8-5/8" J-55 24# @ 629.12' cmt w/ 300 sxs Class G, circ 10 bbls to surface	
Production casing:	5-1/2" J-55 15.5# @ 6289.61' cmt w/ 300 sxs Premlite II & 400 sxs 50/50 POZ	ID: 4.95"; Drift: 4.825" TOC @ 32' - From existing WBD.
PBTD:	6242'	
Tubing:	2-7/8" 6.5# J-55 153 jts	EOT 4830.71'
Existing Perfs:	See WBD	See WBD for Treatment information
Notes:		

PROCEDURE

1. Notify BLM or Utah DOGM as necessary prior to P&A. Dig, line, and fence pit as necessary for cement wash up and returns.
2. MU 5-1/2" 15.5# casing scraper and round trip same to $\pm 4865'$. Set 5 1/2" Cast Iron Plug at 4815'. RIH Tubing to 4805'. RU cementing company.
3. **Plug #1:** Mix and pump a total of 12 sxs (13 ft³) Class G cement from 4815' up to 4715'. Pull tubing above cement, wait for cement to cure enough to tag TOC at 4715'.
4. **Plug #2:** Mix and pump a total of 20 sxs (23.8 ft³) Class G cement for a 178' balance plug from 3144' (50' below Mahogany Bench—3094') up to 2966' (50' above Trona/Bird's Nest—3016'). Pull tubing above cement, wait for cement to cure enough to tag TOC at 2966'.
5. **Plug #3:** Mix and pump a total of 14 sxs (16 ft³) Class G cement for a 120' balance plug from 1705' (60' below Green River—1645') up to 1585' (60' above Green River—1645'). Pull tubing above cement, wait for cement to cure enough to tag TOC at 1585'.
6. **Plug #4:** Mix and pump 16 sxs (20 ft³) cement down 5-1/2" to depth of 150' to surface. POOH with tubing and top off the cement to surface. POOH with tubing.
7. RDMO cementing company and rig. ND BOP and NU tubing head adapter or other w/ valve.
8. MI welder and cut off 5-1/2" and 8-5/8" casing below grade and weld on P&A marker.

State 13-36-8-15

Spud Date: 02/20/2010
 Put on Production: 03/23/2010
 GL: 5885' KB: 5897'

Proposed Injection Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 14jts (619.12')
 DEPTH LANDED: 629.12'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 300ms Class "G" cem, disc 10 bbls to surf.

PRODUCTION CASING

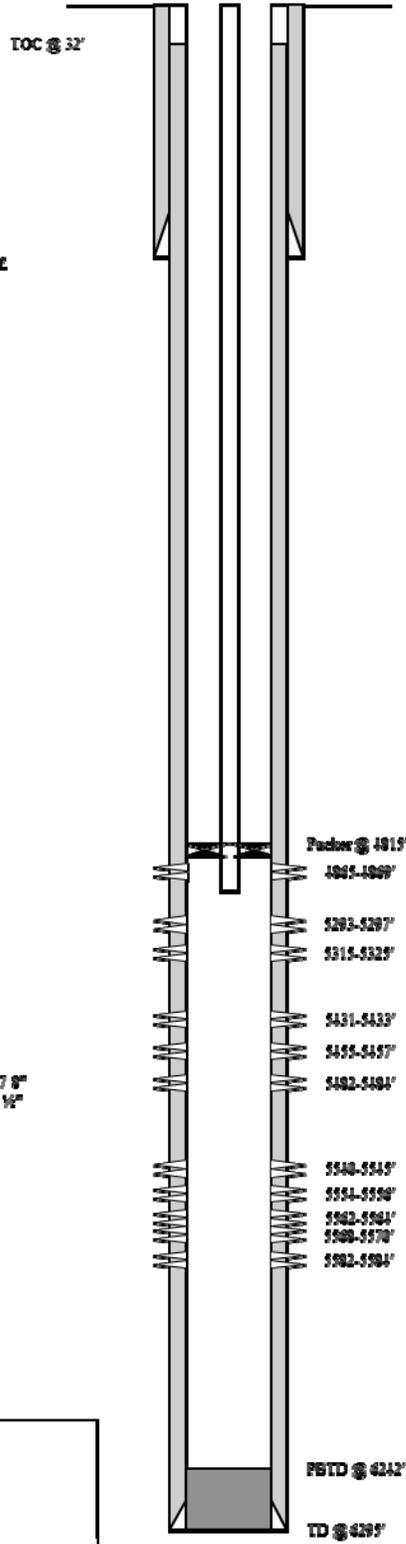
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 14jts (629.61')
 DEPTH LANDED: 4297.61'
 CEMENT DATA: 300ms Prosmite II @ 400ms 50 50 POZ
 CEMENT TOP AT: 32' per CBL 3 11 10

TUBING

SIZE GRADE WT.: 2-7/8" J-55 4.5#
 NO. OF JOINTS: 175 jts (592.2')
 TUBING ANCHOR: 5314.2'
 NO. OF JOINTS: 2 jts (62.8')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5579.9' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: BOT @ 5644'

SUCKER RODS

POLISHED ROD: 1-1/2" x 20'
 SUCKER RODS: 6 - 1/2" x 7 8", 8 - 8" x 7 8" pony rods; 97 - 7 8" guided rods; 98 - 1/2" sucker rods; 20 - 1/2" guided rods; 6 - 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 17" x 20" BEAC
 STROKE LENGTH:
 PUMP SPEED, SP/L:
 PUMPING UNIT:



DATE	WELL	FRAC JOB	FRAC LODC	FRAC FLUID
03-23-10	5431-5584'	Frac LODC sands as follows:	Frac with 200659= 20 40 sand in 972 bbls Lightning 17 fluid.	
03-23-10	5293-5325'	Frac A3 sands as follows:	Frac with 70616= 20 40 sand in 304 bbls Lightning 17 fluid.	
03-23-10	4865-4869'	Frac D1 sands as follows:	Frac with 5453= 20 40 sand in 54 bbls Lightning 17 fluid.	

PERFORATION RECORD

DEPTH RANGE	PERFORATION	HOLES
5582-5584'	3 7/8" PF	0 holes
5588-5570'	3 7/8" PF	0 holes
5562-5564'	3 7/8" PF	0 holes
5554-5556'	3 7/8" PF	0 holes
5540-5545'	3 7/8" PF	15 holes
5482-5484'	3 7/8" PF	0 holes
5455-5457'	3 7/8" PF	0 holes
5431-5433'	3 7/8" PF	0 holes
5315-5325'	3 7/8" PF	30 holes
5293-5297'	3 7/8" PF	12 holes
4865-4869'	3 7/8" PF	12 holes



State 13-36-8-15
 661' FSL & 660' FWL (SW/SW)
 Section 36, T8S, R15E
 Duchesne Co, Utah
 API # 43-013-34223; Lease # ML-21835

State 13-36-8-15

Spud Date: 02/20/2010
 Put on Production: 03/23/2010
 GL: 5885' KB: 5897'

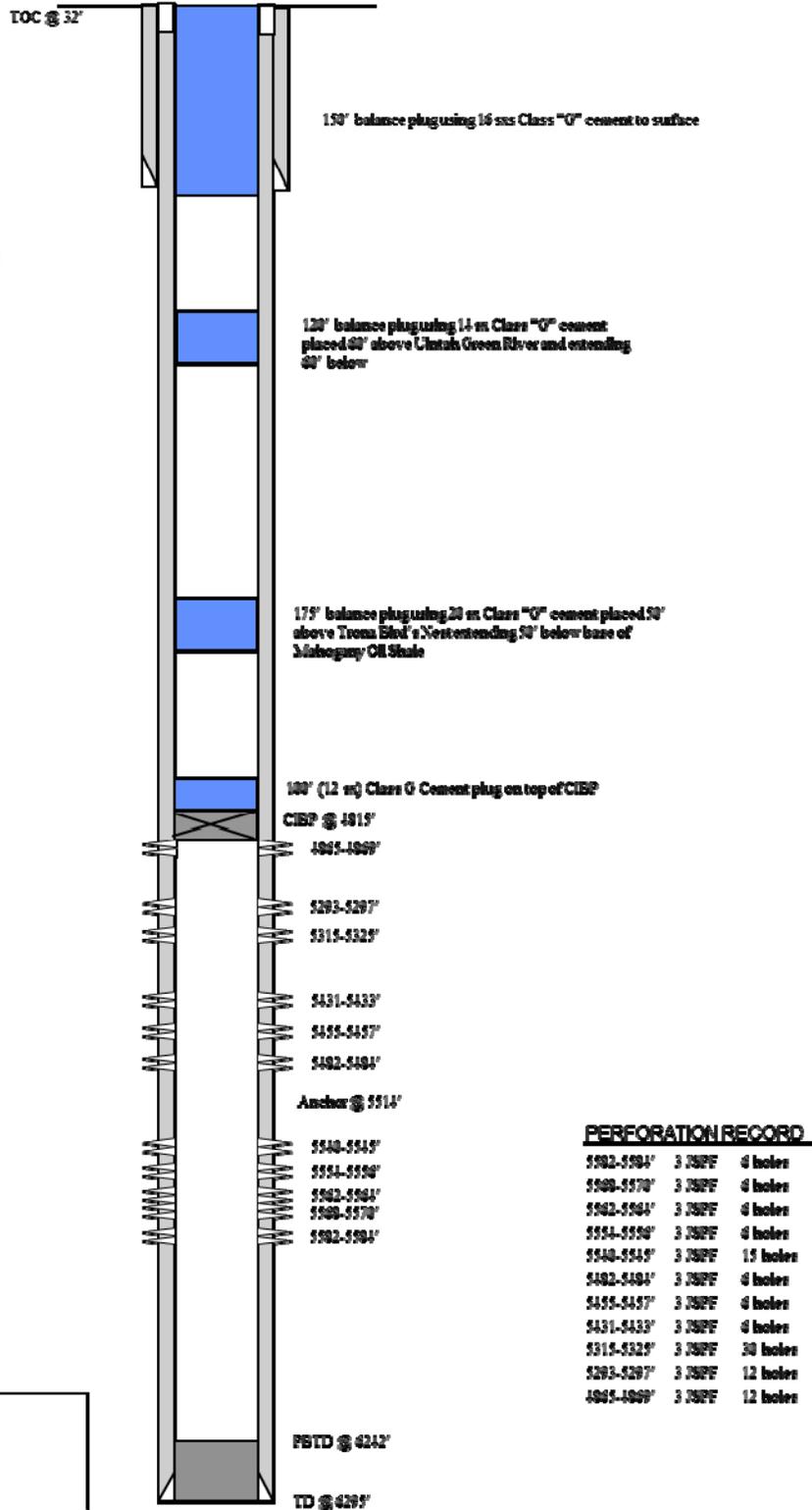
SURFACE CASING

CSG SIZE: 8-5 8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 14jts (619.12')
 DEPTH LANDED: 629.12'
 HOLE SIZE: 12-1 4"
 CEMENT DATA: 300ms Class "G" cem, disc 10 bbbs to surf.

PRODUCTION CASING

CSG SIZE: 5-1 2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144jts (6289.61')
 HOLE SIZE: 7-7 8"
 DEPTH LANDED: 4287.61'
 CEMENT DATA: 300ms Promix II & 300ms 50 50 POZ
 CEMENT TOP AT: 32' per CBL 3 11 10

Proposed P&A Wellbore Diagram



PERFORATION RECORD

5582-5584'	3 752F	0 holes
5588-5570'	3 752F	0 holes
5562-5564'	3 752F	0 holes
5568-5570'	3 752F	0 holes
5554-5556'	3 752F	0 holes
5540-5545'	3 752F	15 holes
5482-5484'	3 752F	0 holes
5455-5457'	3 752F	0 holes
5431-5433'	3 752F	0 holes
5315-5323'	3 752F	30 holes
5293-5297'	3 752F	12 holes
4865-4869'	3 752F	12 holes



State 13-36-8-15
 661' FSL & 660' FWL (SW/SW)
 Section 36, T8S, R15E
 Duchesne Co, Utah
 API # 43-013-34223; Lease # ML-21835

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: ML-21835
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: STATE 13-36-8-15
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013342230000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 15.0E Meridian: S		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: 12/10/2015	<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 checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The State 13-36-8-15 was Plugged and Abandoned. Attached is the daily rig report dated 12/07/15 - 12/10/15 as well as the current well schematic. The GPS coordinates for the dry hole marker are as follows: Latitude 40 04 08.494 Longitude -110 11 15.145 Calculated Values - based on Degrees Lat Long to seven decimal places. Position Type Lat Lon Degrees Lat Long 40.0690261°, -110.1875403°

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 17, 2015**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 12/17/2015	

NEWFIELD**Summary Rig Activity****Well Name: State 13-36-8-15**

Job Category Abandon	Job Start Date 12/7/2015	Job End Date
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Daily Operations		
Report Start Date 12/7/2015	Report End Date 12/8/2015	24hr Activity Summary MIRUSU. NU BOPs, TOOH w/ 112- jts tbg
Start Time	End Time	Comment
10:00	11:00	Move rig to the 13-36-8-15.
Start Time	End Time	Comment
11:00	12:30	Spot rig and rig up.
Start Time	End Time	Comment
12:30	14:30	ND wellhead. NU BOPs. RU rig floor & tbg equipment. Release packer.
Start Time	End Time	Comment
14:30	16:00	Circulate well clean w/ 60 bbls production water @ 250 deg.
Start Time	End Time	Comment
16:00	17:30	TOOH w/ 112- jts 2-7/8" J-55 6.5# 8rd EUE tbg. Pulled slow due to pkr swabbing.
Start Time	End Time	Comment
17:30	18:00	SWIFN. RU tarp around wellhead and RU heater.
Start Time	End Time	Comment
18:00	19:00	SDFN
Report Start Date 12/8/2015	Report End Date 12/9/2015	24hr Activity Summary TOOH w/ tbg, WL set CIBP, TIH w/ tbg, circulate well clean, pump stg 1 & 2 cement plugs
Start Time	End Time	Comment
00:00	05:00	SDFN
Start Time	End Time	Comment
05:00	06:00	Hot oiler circulated well w/ 60 bbls production water @ 250 deg.
Start Time	End Time	Comment
06:00	07:00	Crew travel
Start Time	End Time	Comment
07:00	08:00	TOOH w/ 41- jts 2-7/8 6.5# 8rd EUE tbg, AS-1X packer assembly.
Start Time	End Time	Comment
08:00	09:00	RU WLT, RIH w/ CIBP & set @ 4815'. POOH w/ WL & RD.
Start Time	End Time	Comment
09:00	10:30	TIH w/ Notched collar, 163- jts 2-7/8" J-55 6.5# 8rd EUE tbg, 6' X 2-7/8" tbg sub. EOT @ 4814'.
Start Time	End Time	Comment
10:30	12:00	Circulate well clean w/ 120 bbls fresh water (w/ biocide & corrosion inhibitor added) @ 250 deg.
Start Time	End Time	Comment
12:00	12:30	RU cement pumping equipment. Mix & pump 20 sxs G cement, displace w/ 27 bbls mixed fresh water.
Start Time	End Time	Comment
12:30	13:00	LD 6' tbg sub & 29- jts 2-7/8" J-55 6.5# 8rd EUE tbg. EOT @ 3897'.
Start Time	End Time	Comment
13:00	13:30	Mix & pump 20 sxs cement balanced plug & displace w/ 21 bbls mix water. TOOH w/ 9- jts tbg, EOT @ 3608'. Reverse circulate clean w/ 30 bbls mix water.
Start Time	End Time	Comment
13:30	14:00	SWIFN, RU tarps & heater around wellhead.
Start Time	End Time	Comment
14:00	15:00	Crew travel
Report Start Date 12/9/2015	Report End Date 12/10/2015	24hr Activity Summary Tag cement top, continue LD tbg & pump cement plugs until out of the hole.
Start Time	End Time	Comment
00:00	06:00	SDFN
Start Time	End Time	Comment
06:00	07:00	Crew travel

NEWFIELD**Summary Rig Activity****Well Name: State 13-36-8-15**

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Start Time	07:00	End Time	08:00	Comment
				Wait for State rep to show up t verify TOC w/ tag.
Start Time	08:00	End Time	08:30	Comment
				TIH & tag TOC @ 3704'. TOO H w/ tbg to 3144'.
Start Time	08:30	End Time	09:00	Comment
				RU cement equipment & pump 20 sxs G cement. PUH to 2894' and reverse circulate tbg clean w/ 30 bbls treated fresh water.
Start Time	09:00	End Time	12:00	Comment
				Wait for cement to set.
Start Time	12:00	End Time	12:30	Comment
				TIH w/ tbg & tag TOC @ 2971'. TOO H w/ tbg & place EOT @ 1701'.
Start Time	12:30	End Time	13:00	Comment
				RU cement equipment & pump 20 sxs G cement. PUH to 1450' and reverse circulate tbg clean w/ 30 bbls treated fresh water.
Start Time	13:00	End Time	15:30	Comment
				Wait for cement to set.
Start Time	15:30	End Time	16:00	Comment
				TIH w/ tbg & tag TOC @ 1527'. TOO H w/ tbg & place EOT @ 650'.
Start Time	16:00	End Time	16:15	Comment
				RU cement equipment. Mix & pump 80 sxs G cement, filling the 5-1/2" csg and 2-7/8" tbg.
Start Time	16:15	End Time	16:45	Comment
				TOOH w/ tbg & LD on trailer. SDFN
Start Time	16:45	End Time	17:00	Comment
				Clean tools & SWIFN
Start Time	17:00	End Time	18:00	Comment
				Crew travel
Start Time	18:00	End Time	00:00	Comment
				SDFN
Report Start Date	Report End Date	24hr Activity Summary		
12/10/2015	12/11/2015	RDMOSU, dig up & cut off wellhead, top off w/ cement		
Start Time	00:00	End Time	06:00	Comment
				SDFN
Start Time	06:00	End Time	07:00	Comment
				Crew travel
Start Time	07:00	End Time	08:30	Comment
				RD tbg equipment & rig floor. ND BOPs.
Start Time	08:30	End Time	10:30	Comment
				Prep rig for RD. RDMOSU.
Start Time	10:30	End Time	11:30	Comment
				Dig around wellhead & cut off surface & production csg strings below wellhead.
Start Time	11:30	End Time	13:30	Comment
				Mix 20 sxs 15.8# G cement and top off 5-1/2" csg. PU 45' of 1" pipe and run between csg strings. Fill surface csg w/ cement & pull 1" pipe. Cement job was witnessed by Mark Jones from the State of Utah.
Start Time	13:30	End Time	00:00	Comment

NEWFIELD

Schematic - Current



This report displays the schematic and the zoom you currently have selected in the Schematic Tab

Well Name: State 13-36-8-15

Well RC 500249113	API/UWI 43013342230000	Surface Legal Location 36-8S-15E	Field Name GMBU CTB1	State/Province Utah	County Duchesne	Well Type	Well Config Vertical
Well Start Date 2/24/2010	Rig Release Date	Initial Comp - Start...	Initial Comp End Date	On Production Date 3/23/2010	Ground Elevation (ft)	PBTD (All) (ftKB)	TD All (TVD) (ftKB) 6,295.0

Most Recent Job

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type N/A	Job Start Date 12/7/2015	Job End Date
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TD: 6,295.0 Vertical - Original Hole, 12/17/2015 12:46:51 PM

