

NOTICE OF STAKING
(Not to be used in place of
Application to Drill Form 9-331-C)

RMOGA
5/5/82

5. Lease Number

U-49092

1. Oil Well Gas Well Other

RECEIVED
APR 13 1990

6. If Indian, Allottee or Tribe Name

2. Name of Operator

PG&E Resources Company

DIVISION OF
OIL, GAS & MINING

3. Address of Operator or Agent

85 South 200 East, Vernal, UT 84078

7. Unit Agreement Name

8. Farm or Lease Name

Federal

4. Surface Location of Well
(Governmental 1/4 or 1/4 1/4)

NW/SW 652' FWL 1972' FSL

9. Well No.

13-33-B

Attach: Topographical or other acceptable map
showing location, access road, and lease boundaries.

10. Field or Wildcat Name

Monument Butte

11. Sec., T., R., M., or
Blk and Survey or Area

Sec. 33, T8S, R16E

14. Formation Objective(s)

Green River

15. Estimated Well Depth

6500'

12. County or Parish

Duchesne

13. State

Utah

16. To Be Completed by Operator Prior to Onsite

- a. Location must staked
- b. Access Road Flagged
- c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills
(To be provided at onsite)

17. To Be Considered By Operators Prior to Onsite

- a. H₂S Potential
- b. Private Surface Ownership
- c. Cultural Resources (Archaeology)
- d. Federal Right of Way

18. Additional Information

19. Signed

R. D. Miller
R. D. Miller

Title

Production Foreman

Date

April 12, 1990

Copies: Orig. & 2 copies BLM
1 copy Div. Oil, Gas & Mining
1 copy Central Files Dallas
1 copy Mike McMican

PG&E RESOURCES COMPANY

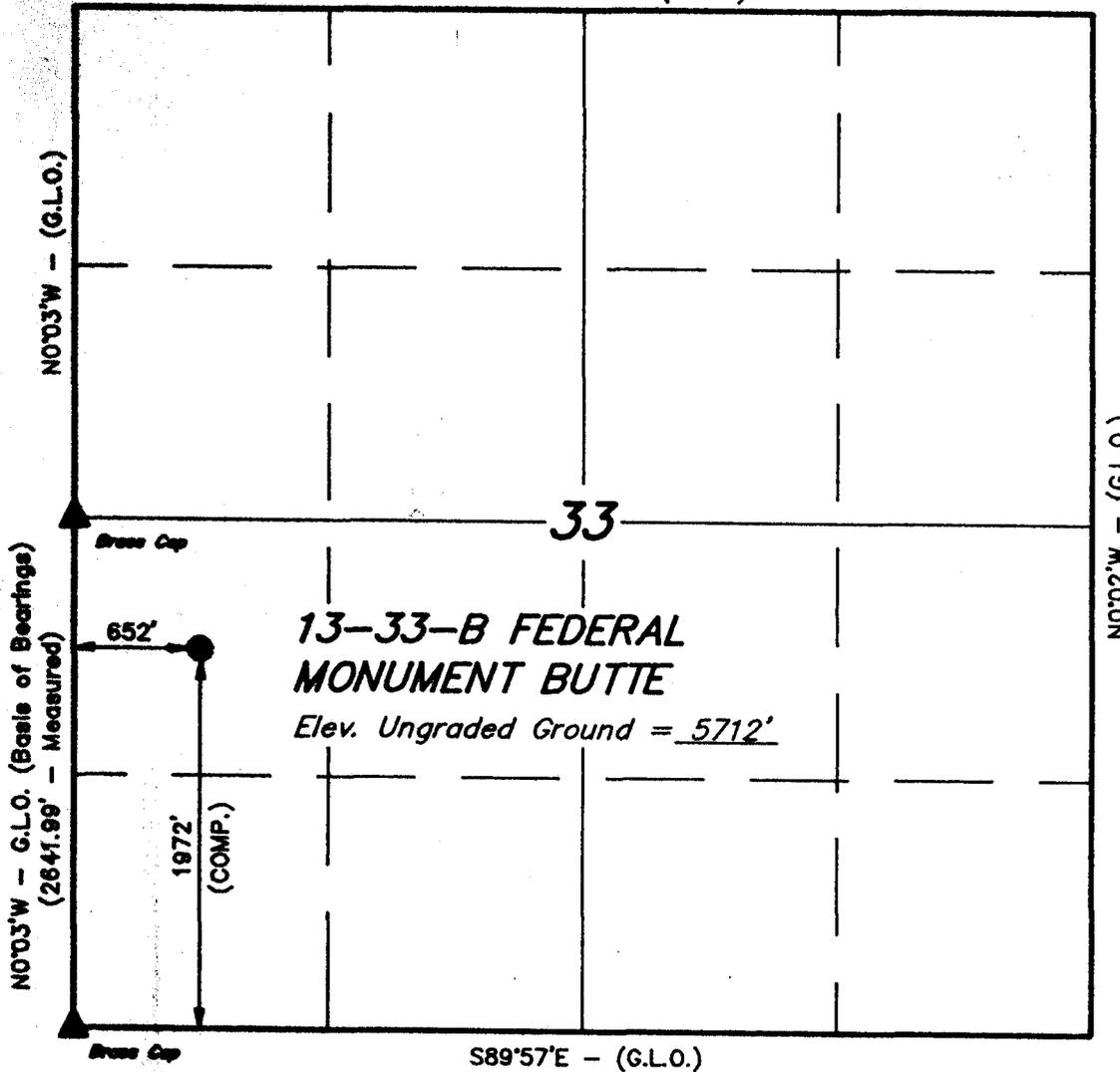
T8S, R16E, S.L.B.&M.

Well location, 13-33-B FEDERAL MONUMENT BUTTE, located as shown in the NW 1/4 SW 1/4 of Section 33, T8S, R16E, S.L.B.& M. Uintah County, Utah.

S89°58'W - 79.96 (G.L.O.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 33, T8S, R16E, S.L.B.& M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH - UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.



CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5768
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX 1758 - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

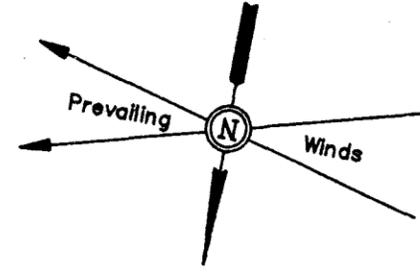
SCALE 1" = 1000'	DATE 4-10-90
PARTY L.D.T. G.D.T. W.J.R.	REFERENCES G.L.O. PLAT
WEATHER PARTLY CLOUDY	FILE PG&E RESOURCES COMPANY

▲ SECTION CORNERS LOCATED. (Brass Caps).

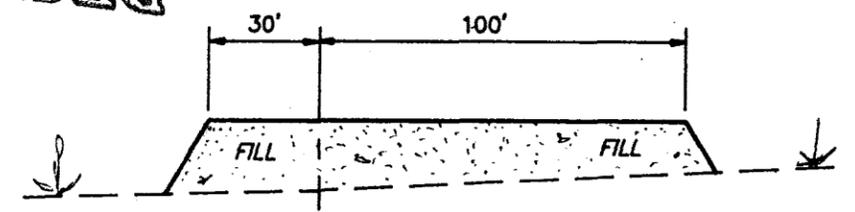
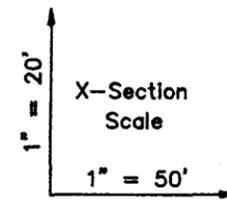
DIVISION OF
OIL, GAS & MINING

APR 18 1990

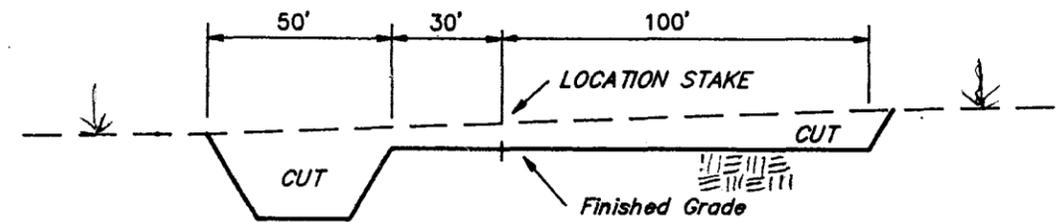
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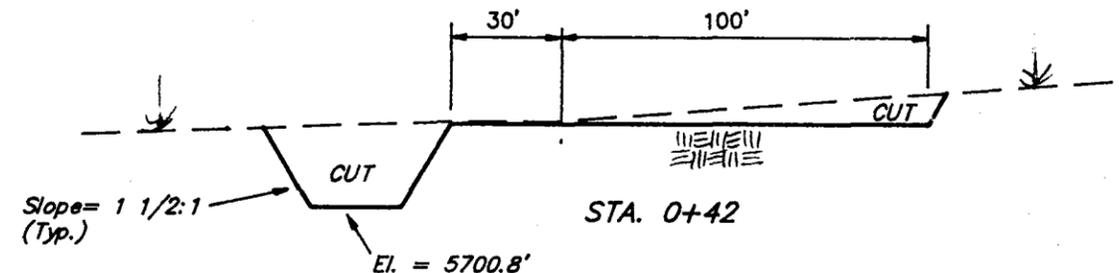
SCALE: 1" = 50'
DATE: 4-11-90 T.D.H.



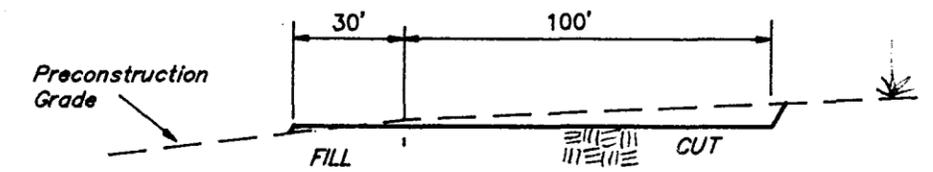
STA. 3+00



STA. 1+50

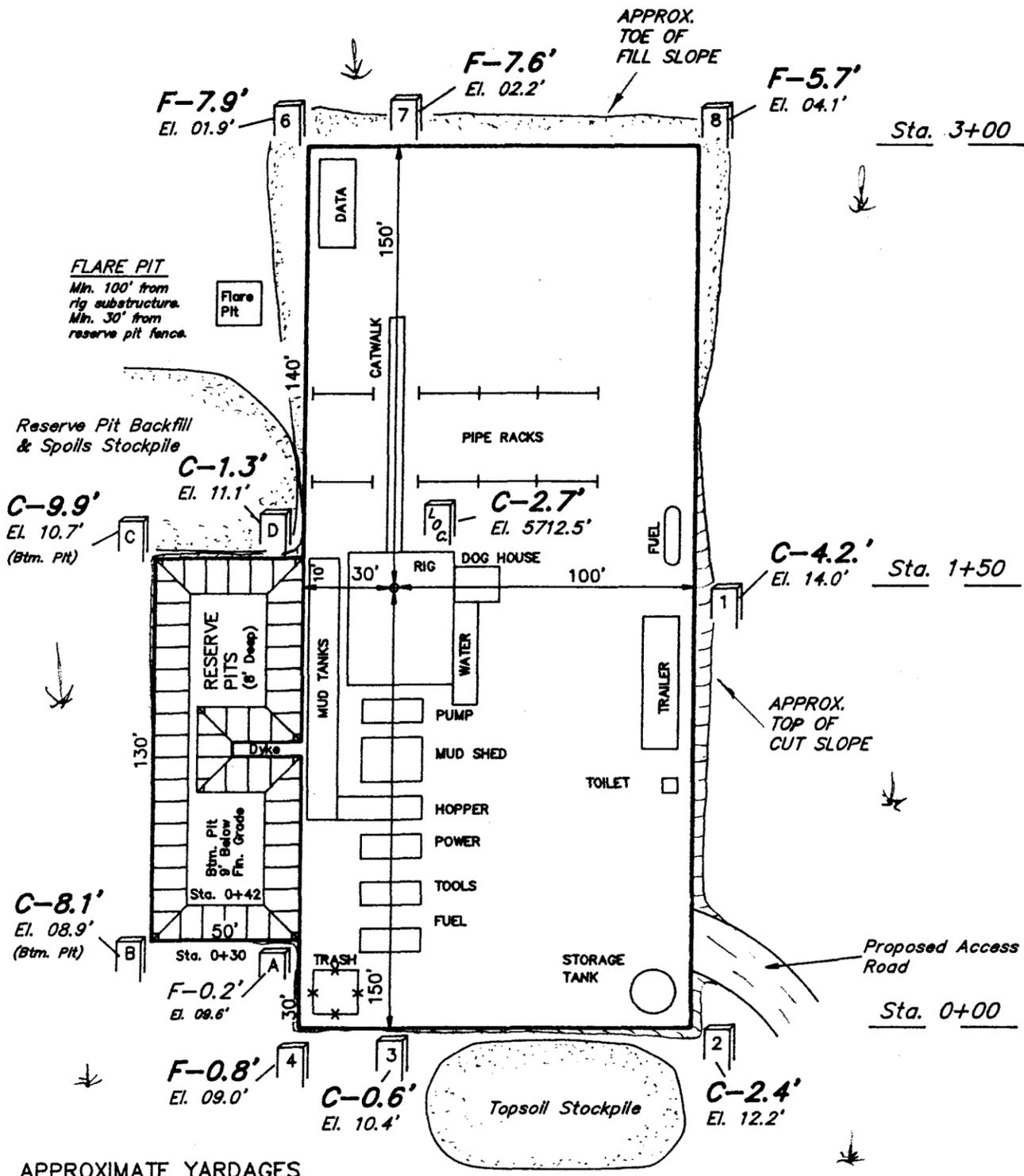


STA. 0+42



STA. 0+00

TYP. CROSS SECTIONS
TYP. LOCATION LAYOUT

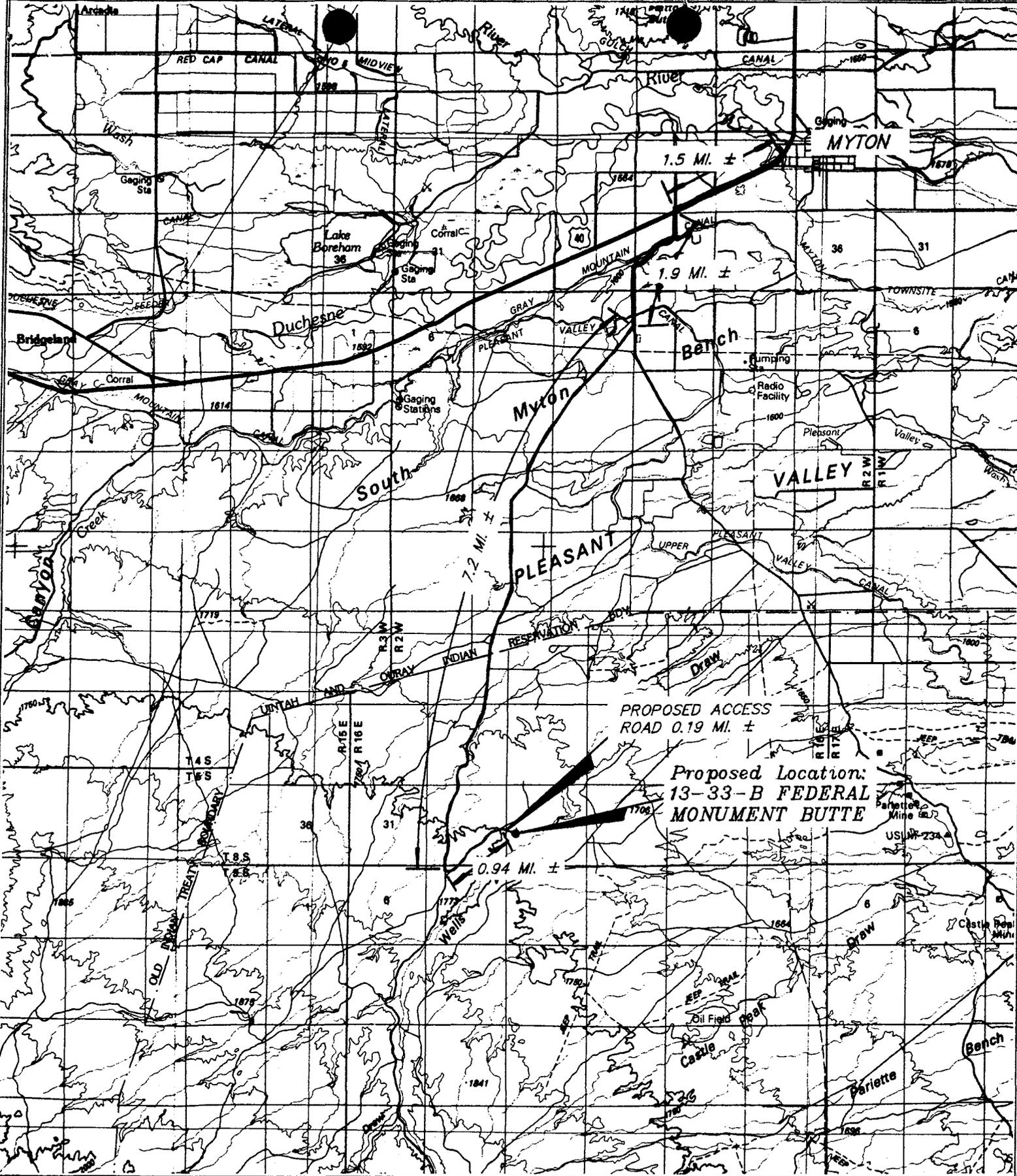


APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER	
(6") Topsoil Stripping	= 843 Cu. Yds.	5% COMPACTION	= 1,483 Cu. Yds.
Pit Volume (Below Grade)	= 1,162 Cu. Yds.	Topsoil & Pit Backfill	= 1,424 Cu. Yds.
Remaining Location	= 2,369 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 4,374 CU.YDS.	EXCESS UNBALANCE	= 59 Cu. Yds.
FILL	= 2,746 CU.YDS.	(After Rehabilitation)	

Elev. Ungraded Ground at Location Stake = 5712.5'

Elev. Graded Ground at Location Stake = 5709.8'



TOPOGRAPHIC
MAP "A"

4-10-90



PG&E RESOURCES COMPANY

13-33-B FEDERAL MONUMENT BUTTE
SEC. 33, T8S, R16E, S.L.B.& M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 PG&E Resources Company

3. ADDRESS OF OPERATOR
 85 South 200 East, Vernal, UT 84078 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 652' FWL, 1972' FSL NW/SW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 DIVISION OF OIL, GAS & MINING
 MAY 18 1990

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 Green River 6400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5710' GR

22. APPROX. DATE WORK WILL START*
 June 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	To surface
7-7/8"	5-1/2"	15.5#	TD	As required

- Attachments: Drilling Program
 Surface Use Plan
 Survey Plat
 Cut and Fill Diagram
 Topo Maps
 Well Location Map
 Choke Manifold Diagram
 Blowout Preventer Diagram

CONFIDENTIAL

Copies: Div. Oil, Gas & Mining; Terry Stull; Central Files-Dallas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Michael L. McMican TITLE Production Supt. DATE 5/15/90
 (This space for Federal or State office use)

PERMIT NO. 43-013-31077 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS & MINING

APPROVED BY _____ TITLE _____ DATE 6-6-90
 BY R. B. B...

*See Instructions On Reverse Side WELL SPACING R615-3-2

PG&E RESOURCES COMPANY

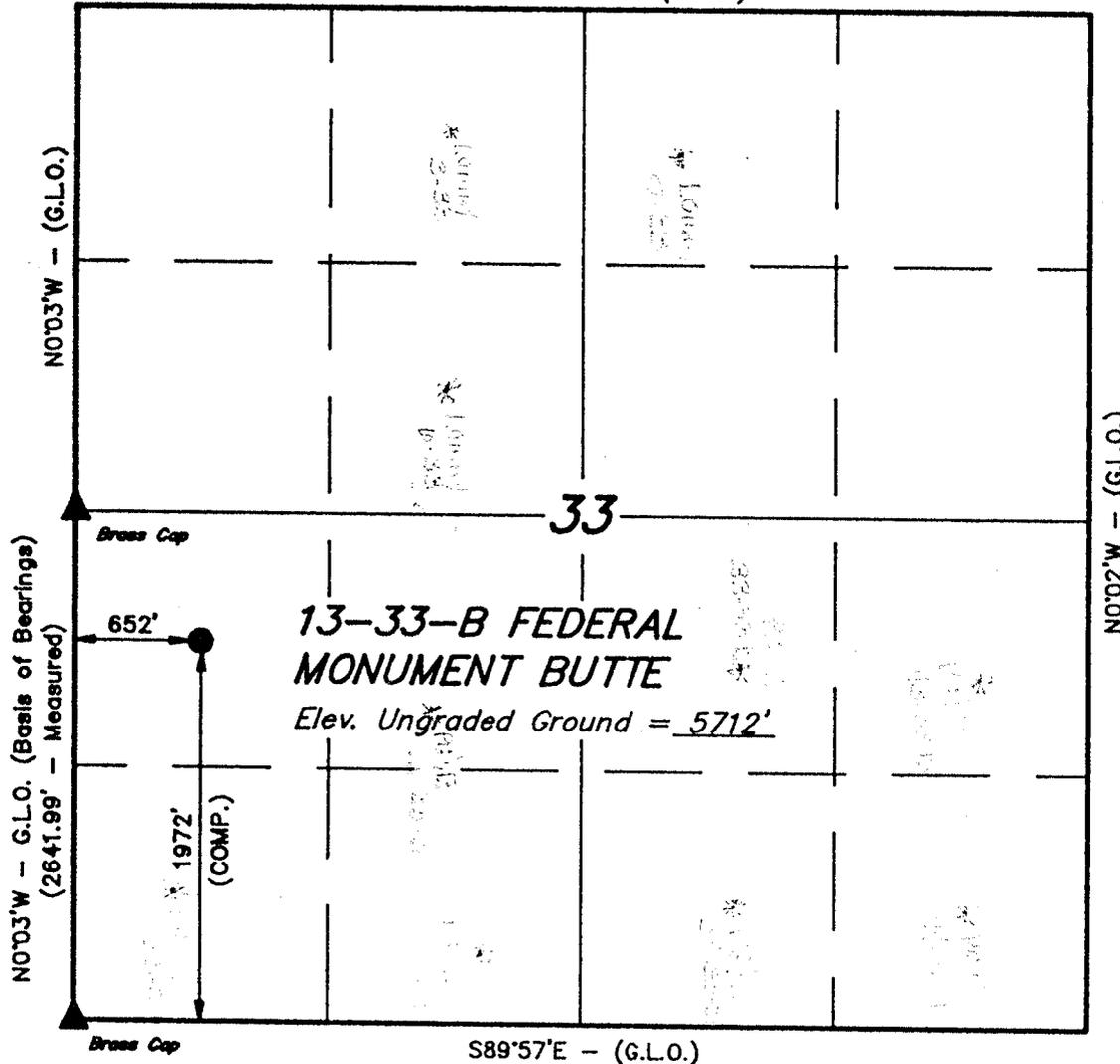
T8S, R16E, S.L.B.&M.

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Robert L. Gray
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

▲ = SECTION CORNERS LOCATED. (Brass Caps).

UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX 1758 - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 4-10-90
PARTY L.D.T. G.D.T. W.J.R.	REFERENCES G.L.O. PLAT
WEATHER PARTLY CLOUDY	FILE PG&E RESOURCES COMPANY

DRILLING PROGRAM

Company: PG&E Resources Company
85 S. 200 E.
Vernal, Utah 84078
801-789-4573

Well: 13-33-B Federal
Sec.33-T8S-R16E
Duchesne Co., Utah
Lease No. U-49092

Operations will comply with applicable laws, regulations, and the approved APD. Provisions of Onshore Order No. 2 will be strictly adhered to. PG&E is responsible for the actions of contractors in its hire. A copy of the approved APD will be with field representatives to insure compliance.

1. Surface Formation and Estimated Formation Tops

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uintah	Surface	+5710' GR
Green River	1780'	+3945'
Douglas Creek Mrkr	4930'	+795'
TD	6400'	-675'

2. Estimated Depths of Oil, Gas, Water, or Mineral Bearing Zones

<u>Expected Zones</u>	<u>Formation</u>	<u>Interval</u>
Oil zones	Green River	4200'-6200'
Gas zones	None	
Water zones	None	
Mineral zones	Oil Shale	Top @ 1780'

3. Pressure Control Equipment

2000# WP BOPE installed, used, maintained & tested prior to drilling out surface csg til well completed/abandoned. BOPE suitable for subfreezing conditions if exist. Pressure tests before drilling out csg strings.

BOPE consisting of: annular preventer, double ram w/ blind and pipe rams, kill line 2" min, 1 ck line vlv, 2" ck line, 1 kill line vlv, 2 cks, gauge on ck manifold, upper kelly cock vlv with handle, safety vlv and subs to fit all drill strings, fillup line above top preventer. Ck lines straight unless using tee blocks or targeted w/ running tees and anchored to prevent whip and reduce vibration. Ck manifold functionally equivalent to diagram. All vlvs (except cks) in kill line, ck manifold, ck line full opening for straight through flow. Gauges types for drilling fluids.

Accumulator sufficient capacity to open hydraulic ck line vlv if equipped, close rams & annular preventer, retain a min of 200 psi over precharge on closing manifold w/o use of closing unit pumps. Fluid reservoir capacity double accumulator capacity w/ level maintained to specs. Accumulator precharge test conducted prior to connecting closing unit to BOP stack & every 6 months min. Accumulator pressure corrected if precharge above or below max or min limits (nitrogen gas precharge).

Power for closing unit pumps available all times so pumps auto start when manifold pressure decreases to preset level. BOP closing units w/ no. and sizes of pumps so w/ accumulator system isolated pumps can open hydraulic gate vlv if equipped, close annular preventer on smallest drill pipe in 2 minutes and obtain min 200 psi over precharge.

Hand wheels or auto locking device installed. A vlv installed in closing line close to annular preventer f/ locking device. Vlv will be open, closed only when power source inoperative.

Pressure tests w/ wtr, or clear liquid for subfreezing w/ vis similar to wtr. Rams tested to WP if isolated by test plug, 70% csg burst if not isolated. Pressure maintained 10 minutes or requirements are met. If test plug used, no bleed-off acceptable. W/o test plug, decline in pressure >10% in 30 min considered failure. Vlv on csg head below test plug open during testing. Annular preventers tested 50% WP. Pressure maintained 10 min or requirements of test met. Test at installation, seal subject to test pressure broken, following repairs, and 30-day intervals. Valves tested f/ WP side w/ down stream vlvs open. When testing kill line vlvs check vlv held open or ball removed. Annular preventers operated weekly. Rams activated each trip not > daily. BOPE drills conducted weekly each crew. Tests/drills recorded in log.

Notice will be given with sufficient lead time for the BLM to be on location during BOPE pressure testing.

4. Casing and Cementing Program

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>New/Used</u>	<u>Depth</u>
12-1/4"	8-5/8"	24#	K55	ST&C	New	300'
7-7/8"	5-1/2"	15.5#	K55	LT&C	New	TD

8-5/8" surface csg cmtd to surface by primary or remedial cmtg. Surface csg will have centralizers every 4th jt f/ shoe jt to bottom of cellar. Top plug & bottom plug or preflush fluid will be used.

Csg strings will be pressure tested to 0.22 psi/ft of string length or 1500 psi, whichever greater, but not >70% of burst. If pressure drop >10% in 30 min, corrective action will be taken.

Notice will be given with sufficient lead time for the BLM to be on location when running casing strings and cementing.

5. Drilling Mud Program

<u>Interval</u>	<u>Mud Weight</u> <u>lbs/gal</u>	<u>Viscosity</u> <u>sec/qt</u>	<u>Fluid Loss</u> <u>ml/30 min</u>	<u>Mud Type</u>
0-300'	---	---	---	air
300'-TD	8.4	27	no control	water

Visual mud monitoring will be used to detect volume changes indicating loss/gain of mud volume. A mud test will be performed every 24 hrs.

Testing, Coring, Logging and Sampling

- a. Testing: None
- b. Coring: None
- d. Logging: Two man mudlogging unit 3500' - TD
DLL/MSFL/SP/GR 2" & 5" TD - surface casing
CDL/DSN/GR/CAL 2" & 5" TD - surface casing
- c. Sampling: 10' intervals 3500' - TD

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards

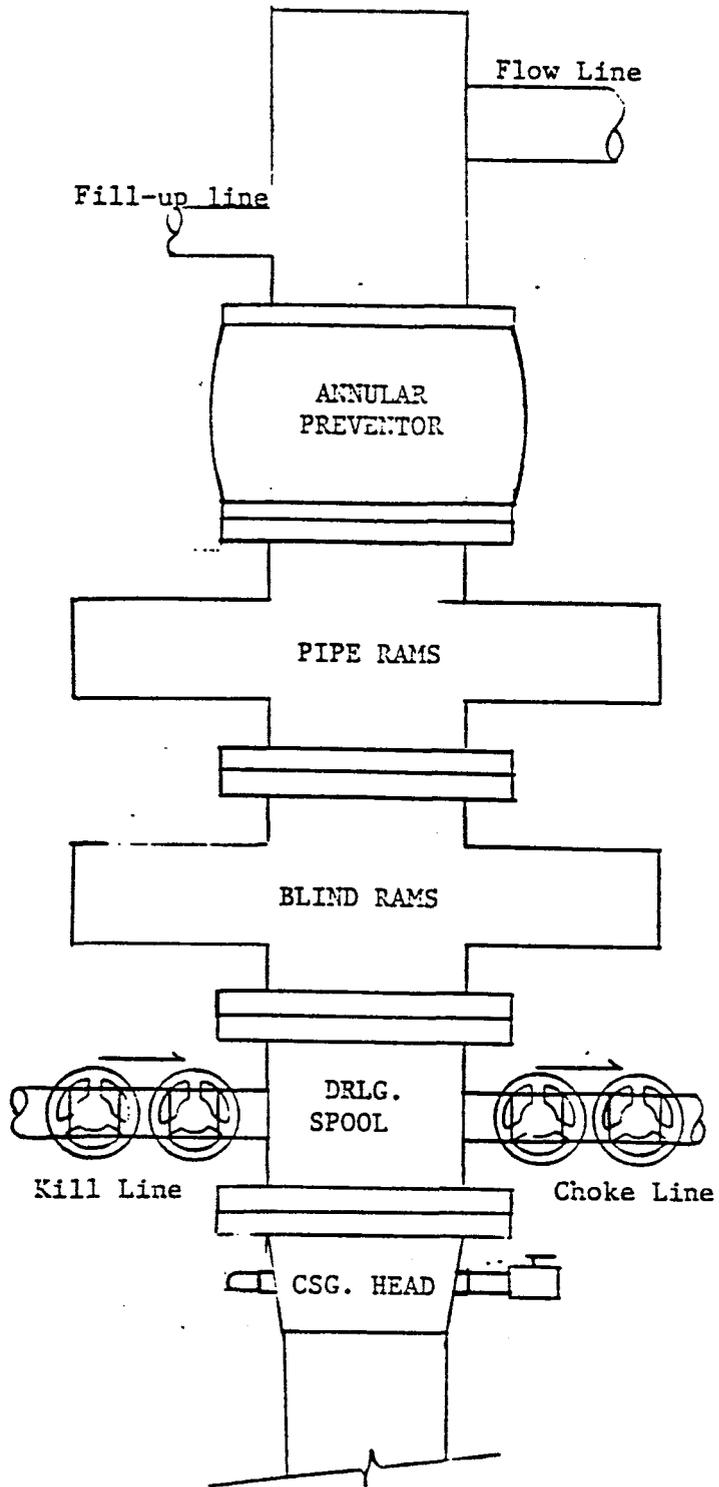
Normal pressures and temperatures are expected. No hazardous gases are expected. Anticipated pore pressure is 2475 psi with a frac gradient of about 0.75. Expected mud hydrostatic pressure is 2850 psi.

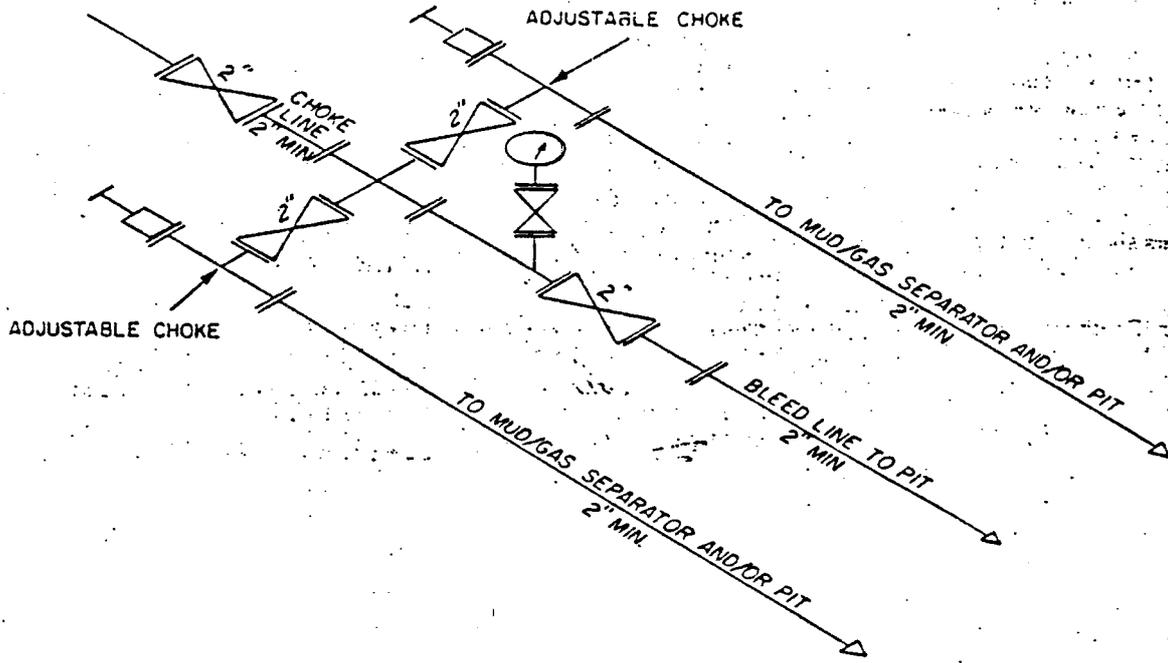
8. Anticipated Starting Dates and Duration of Operations

Location construction is scheduled for June, 1990 with drilling begun promptly afterward. Drilling should take about 7-9 days. Completion operations will begin shortly thereafter and should last about two weeks. Production equipment installation and hookup will follow completion and the well should be on production within 90 days of spud.

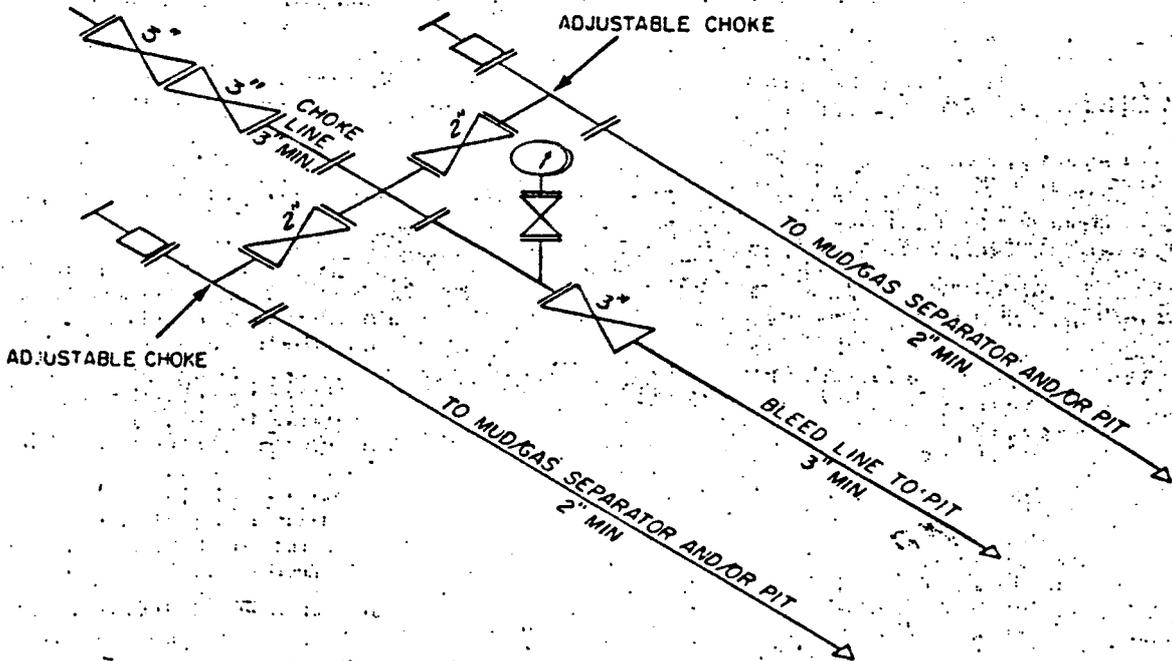
PG&E Resources Company

Blowout Preventer Diagram





2M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY



3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY

Surface Use Plan

Company: PG&E Resources Company
85 S. 200 E.
Vernal, Utah 84078
801-789-4573

Well: 13-33-B Federal
Sec.33-T8S-R16E
Duchesne Co., Utah
Lease No. U-49092

The BLM will be notified 24-48 hrs in advance so that site construction may be monitored. Notification will be given to Ralph Brown or Tim O'Brien in Mernal, Utah at 801-789-1362.

1. Existing Roads

To reach the 13-33-B Federal travel SW from Myton, Utah on Hwy 40 1.5 mi. then south on Pleasant Valley Road 1.9 mi. then right 7.2 mi. then left 0.94 mi. then right 0.19 mi. to location (map attached).

2. Planned Access Road

The access road will be constructed as follows (map attached):

- A. Length: 0.94 miles.
- B. Width: 30 foot right-of-way, 18 foot travelway.
- C. Maximum grade: 3 %.
- D. Turnouts: None.
- E. Drainage design: Crowned w/ borrow ditches.
- F. Culverts, bridges, major cuts/fills: None.
- G. Surfacing materials and source: Native-location & access road.
- H. Gates, cattleguards, fence cuts: None.
- I. Access road surface ownership: Sec. 32 - State, Sec. 33 - BLM.

3. Location of Existing Wells - See attached map.

4. Location of Tanks and Production Equipment

Prior to installation of production facilities, facility plans will be approved by Sundry. Facilities will be on the cut portion of location. All above ground permanent structures remaining more than 6 months will be painted Desert Tan (10YR6/3) within 6 months of installation except for facilities complying with OSHA regulations.

The tank battery will be surrounded by a dike sufficient to contain at least the contents of the largest tank in the battery. The tank battery will be on the NE side of location.

5. Location and Type of Water Supply

Water to be used for drilling this well will be hauled by truck from Pleasant Valley. If this source is not used, arrangements will be made with proper authorization for an alternate source. PG&E will be responsible for acquiring the necessary water permit.

6. Source of Construction Material

All construction materials for the location and access road will be borrow materials accumulated during construction of the well site. If fill materials are needed, permits will be obtained from the BLM or materials acquired from a commercial source.

7. Methods of Handling Waste Disposal

Sewage disposal will be comply with State and Local regs. Trash will be contained in a trash cage and emptied in an approved landfill at end of drilling activities. Burning will not be allowed.

A reserve pit will be constructed as shown on the pad diagram and will be lined with a nylon reinforced liner (min 10 mil) and bedded with straw to avoid puncture. The liner will be torn and perforated before backfilling. The bottom of the reserve pit will not be in fill material.

Produced waste water will be confined to the reserve pit not more than 90 days after first production. During this period an application for a permanent disposal method and location, along with a water analysis if required, will be submitted for approval.

8. Ancillary Facilities - Camp facilities or airstrips will not be required.

9. Well Site Layout

The reserve pit will not be allowed to drain or leak or be on a natural drainage. Waste or discharge will not be allowed in any drainage. Any hydrocarbons on the pit will be removed as soon as possible after drilling and liquids allowed to evaporate before backfilling.

The reserve pit will be on the NE side, stockpiled topsoil on the north between pts 2 & 3, access from the NW near pt 2.

The reserve pit will be fenced on three sides during drilling and fourth side fenced when the rig moves off. All pits fenced as follows: 39" net wire <2" above ground w/ 1 strand barbed wire 3" above top of net wire, total fence height 42" or more, corner posts cemented or braced to keep fence tight, standard steel posts between corner braces no more than 16' apart, all wire stretched before attached to corner posts.

10. Plans for Restoration of the Surface

Immediately after drilling, the area will be cleared of debris, materials, trash, junk and equipment not required for production.

The reserve pit will be completely dry and trash removed before restoration takes place. The reserve pit and portion of the location not needed for production will be reclaimed. The reserve pit will be reclaimed within 90 days of well completion.

Disturbed areas will be recontoured to the approximate natural contours. Stockpiled topsoil will be distributed evenly over the disturbed areas. Prior to reseeded, all disturbed areas will be scarified to a rough surface. Seed will be broadcast or drilled between September 15 and when the ground freezes. If broadcast, an implement will be dragged over the seeded area to assure seed coverage and the seed mixture doubled. The seed mixture will be determined by the BLM in the APD or at the time of restoration. If seeding is unsuccessful, PG&E will make reseedings.

11. Surface Ownership

The surface for all roads and the well location is under the jurisdiction of the Department of the Interior, Bureau of Land Management.

12. Other Information

PG&E is responsible for informing all persons associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or collecting artifacts. If historic or archaeological materials are uncovered during construction, PG&E will immediately stop work that might further disturb such materials, and contact the BLM.

Use of pesticides, herbicides or other hazardous chemicals will be approved for use prior to application.

Flare pit will be located a minimum of 30' from the reserve pit fence and 100' from the wellbore on the downwind side of the location between points 6 & C. Fluids will be removed within 48 hrs of occurrence.

The BLM will be notified upon site completion before moving in the drilling rig.

A silt catchment basin will be built where flagged if stated as a requirement in the conditions of approval of the APD.

Drilling rigs/equip will not be stacked on BLM lands w/o BLM approval.

13. Lessee or Operator Representative and Certification

Name: Michael L. McMican
Title: Production Superintendent
Address: PG&E Resources Company
85 S. 200 E.
Vernal, Utah 84078
Phone: 801-789-4573

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that 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 PG&E Resources Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5-15-90
Date

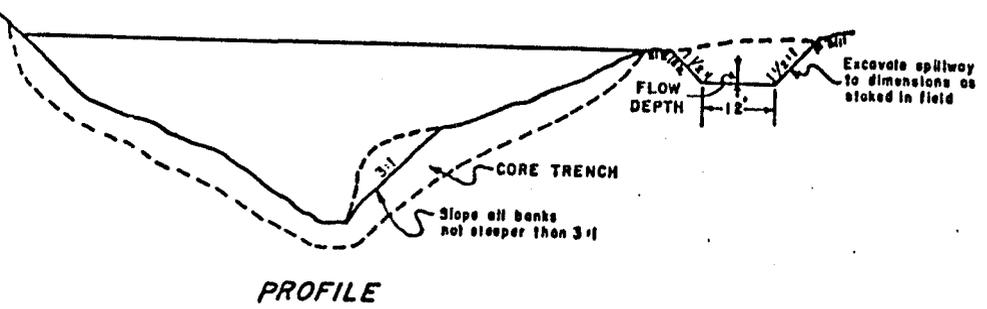
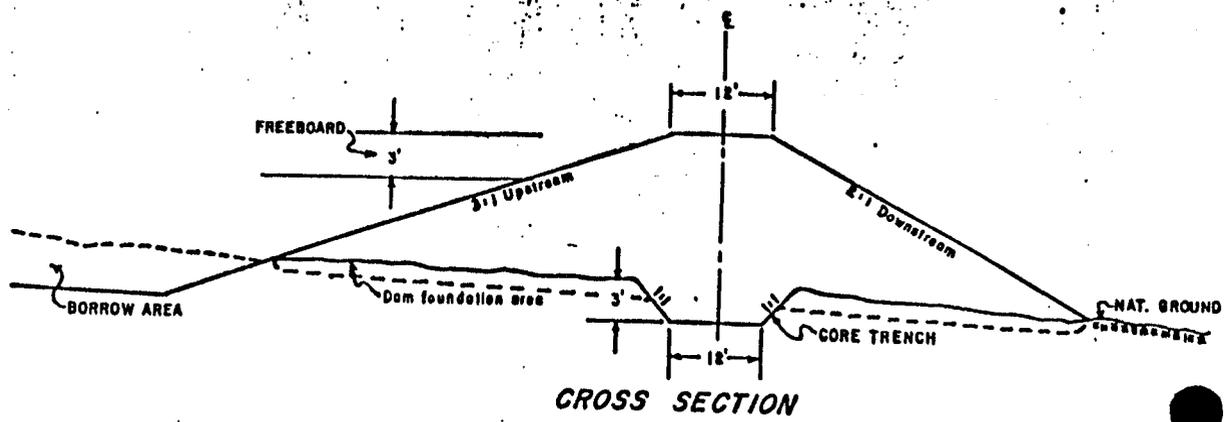
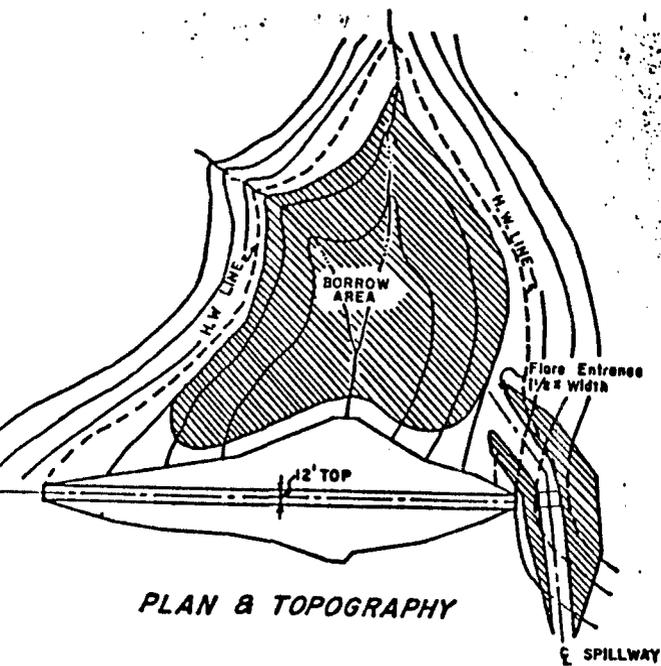
Mike McMican
Michael L. McMican
Production Superintendent

Onsite Date: 4-23-90
Participants on Joint Inspection:
Randy Miller - PG&E
Ralph Brown - BLM

Self-certification Statement

Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not 100% record title holder. Operators are now required to submit this self-certification statement to the appropriate Bureau office.

Please be advised that PG&E Resources Company is considered to be the operator of well 13-33-B Federal located NW 1/4 SW 1/4 Sec.33, T8S, R16E, lease #U-49092, in Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage provided by Pacific Indemnity, bond ID # 8101-04-97.



**MINIMUM STANDARDS FOR DAMS
IMPOUNDING UNDER 10 AC. FT.**

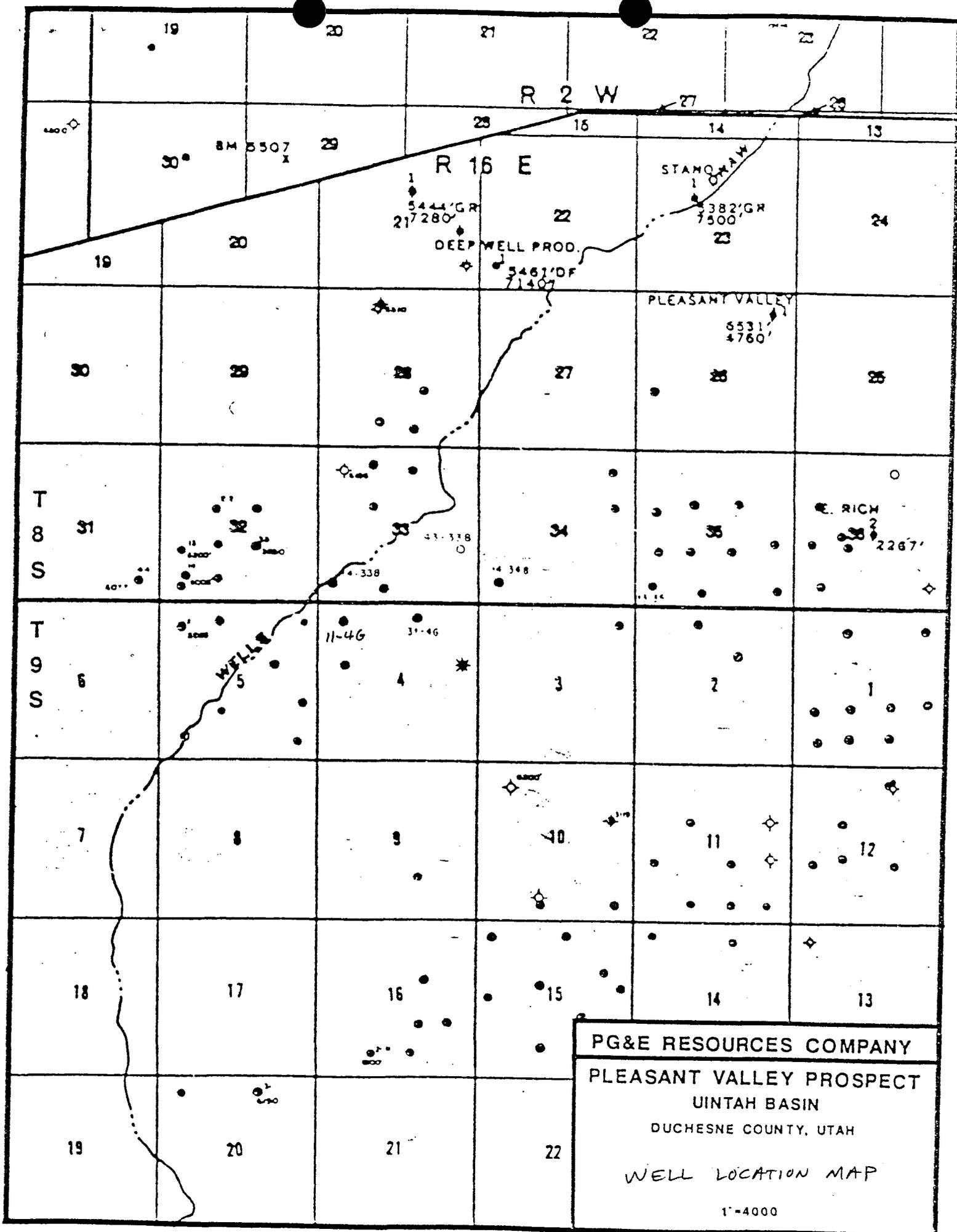
1. BLM PERSONNEL MUST APPROVE SITE LOCATION, FILL MATERIAL, FOUNDATION MATERIAL, SPILLWAY SIZE AND LOCATION.
2. DAM LAYOUT & LOCATION MUST BE WITH SURVEYING INSTRUMENTS BY QUALIFIED SURVEYOR,
3. MAX. WATER DEPTH AGAINST THE DAM WILL BE 10' WHEN CONSTRUCTED WITH A CRAWLER TRACTOR.
4. SOIL WILL BE PLACED IN NOT MORE THAN 6" LIFTS AND EACH LIFT COMPACTED WITH A CRAWLER TRACTOR.
5. SPILLWAY MUST BE THROUGH NATURAL MATERIAL.
6. A CORE TRENCH WILL BE CONSTRUCTED 3' DEEP OR TO BED ROCK.
7. BORROW MATERIAL WILL BE TAKEN FROM WITHIN THE RESERVOIR BASIN BELOW THE HIGH WATER MARK WHENEVER POSSIBLE.

U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
RETENTION DAM TYPICAL PLAN & SECTION	
DESIGNED _____	RECOMM. _____
DRAWN _____	RECOMM. _____ CHIEF, DIV. OF ENG.
CHECKED _____	APPROVED _____
SCALE NOT TO SCALE	
DATE _____	SHEET 1 OF 1
DRAWING NO. _____	

ALWAYS THINK SAFETY GPO 830-178

MINIMUM STANDARDS FOR DAMS
IMPOUNDING UNDER 10 AC. FT.

- I. Site Location and Design
 - A. Authorized BLM personnel must approve site location, fill material, foundation material, spillway size and location.
 - B. Dam layout and location shall be with surveying instruments by qualified personnel.
- II. Borrow Areas
 - A. Borrow material shall be taken from within the reservoir basin below the high water line whenever possible.
 - B. Vegetation, debris, and topsoil shall be removed to a depth of 12" below natural ground line and deposited as directed.
 - C. Vegetation, debris, and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line as directed.
 - D. Vegetation, debris and topsoil moved below the dam shall be contoured, smoothed and blended into natural ground lines away from fill areas and outside the wash bottom.
 - E. Borrow areas shall be smoothed, contoured and blended into natural ground lines.
- III. Core Trench and Dam Foundation
 - A. A core trench shall be constructed 12' wide along the full length of the dam center line to a minimum depth of 3' or bedrock.
 - B. Sides of the core trench shall not be steeper than 1:1 slopes.
 - C. Soft or unstable material encountered in the core trench or dam foundation shall be removed and will not be used as fill.
- IV. Dam and Core Fill
 - A. Fill shall be homogeneous material, preferably of highly impervious, compactable soils (such as high clay content soils free of organic material, sand or rock).
 - B. Lifts of fill shall not exceed 6" when compacted.
 - C. Fill shall be built up at a consistent rate the full length of the dam.
 - D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
 - E. Fill shall be smoothed, maintaining specified slopes.
- V. Spillway
 - A. Spillway shall be constructed through natural material.
 - B. Spillway shall be constructed to divert overflow away from fill areas or natural material that is an integral part of the dam.
 - C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.

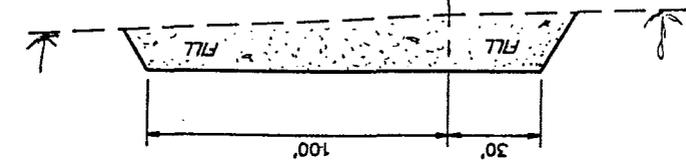


PG&E RESOURCES COMPANY

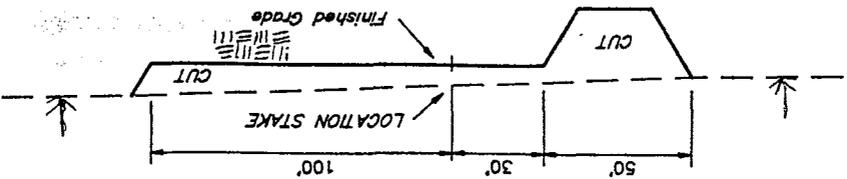
LOCATION LAYOUT FOR

13-33-8 FEDERAL MONUMENT BUTTE

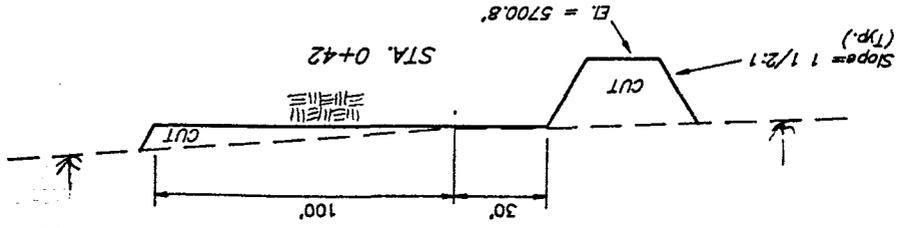
SECTION 33, T8S, R16E, S1.B.84M.



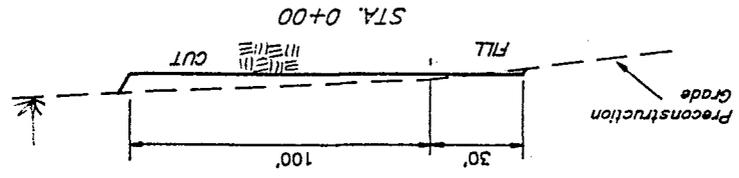
STA. 3+00



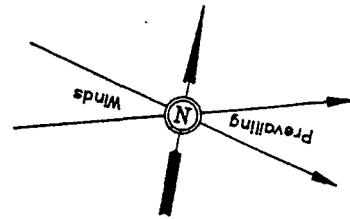
STA. 1+50



STA. 0+42



STA. 0+00



SCALE: 1" = 50'

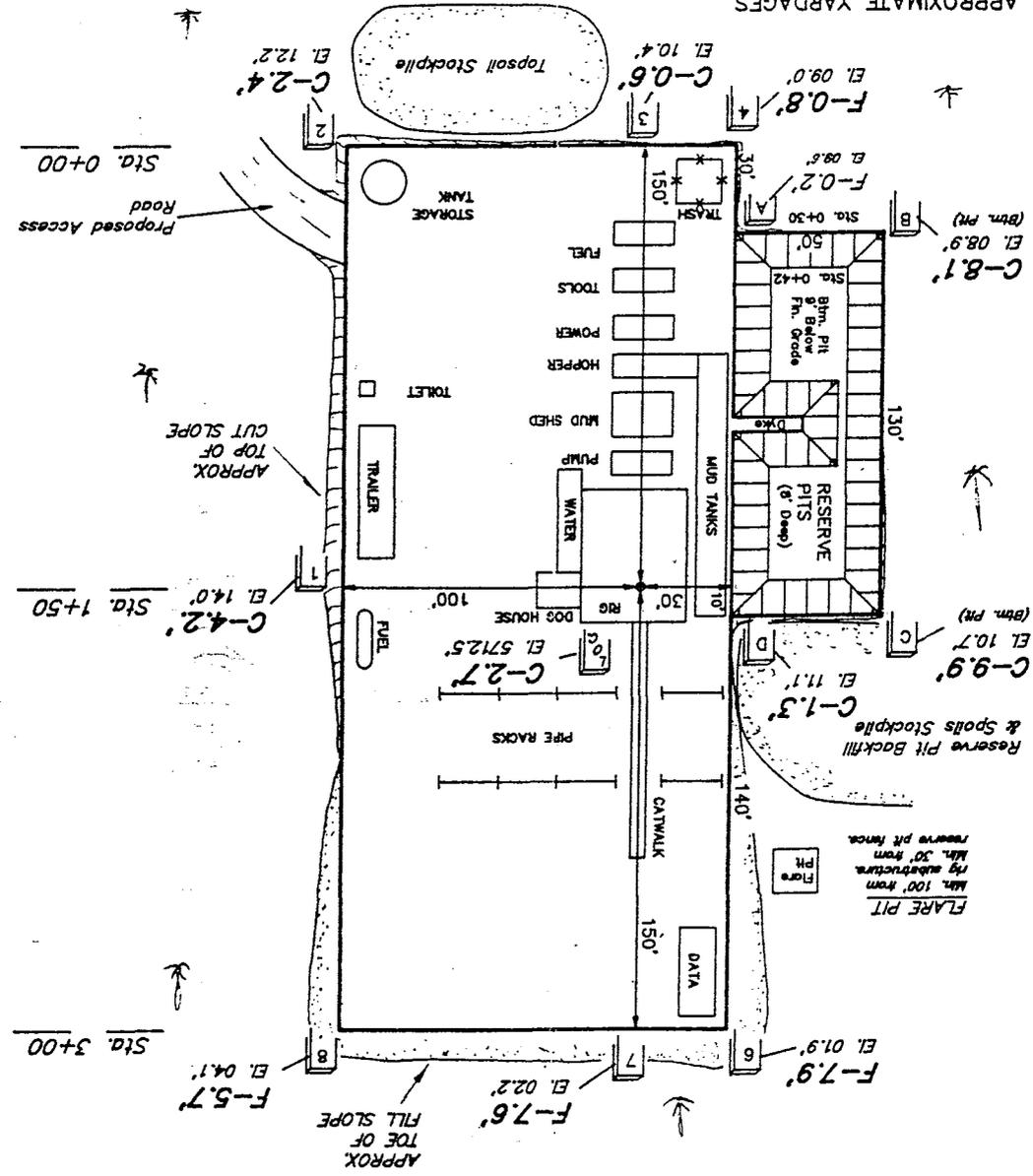
DATE: 4-11-90 T.D.H.

X-Section
Scale
1" = 20'
1" = 50'

TYLER COLLEGE PROPERTY

Elev. Ungraded Ground at Location Stake = 5712.5'
Elev. Graded Ground at Location Stake = 5709.8'

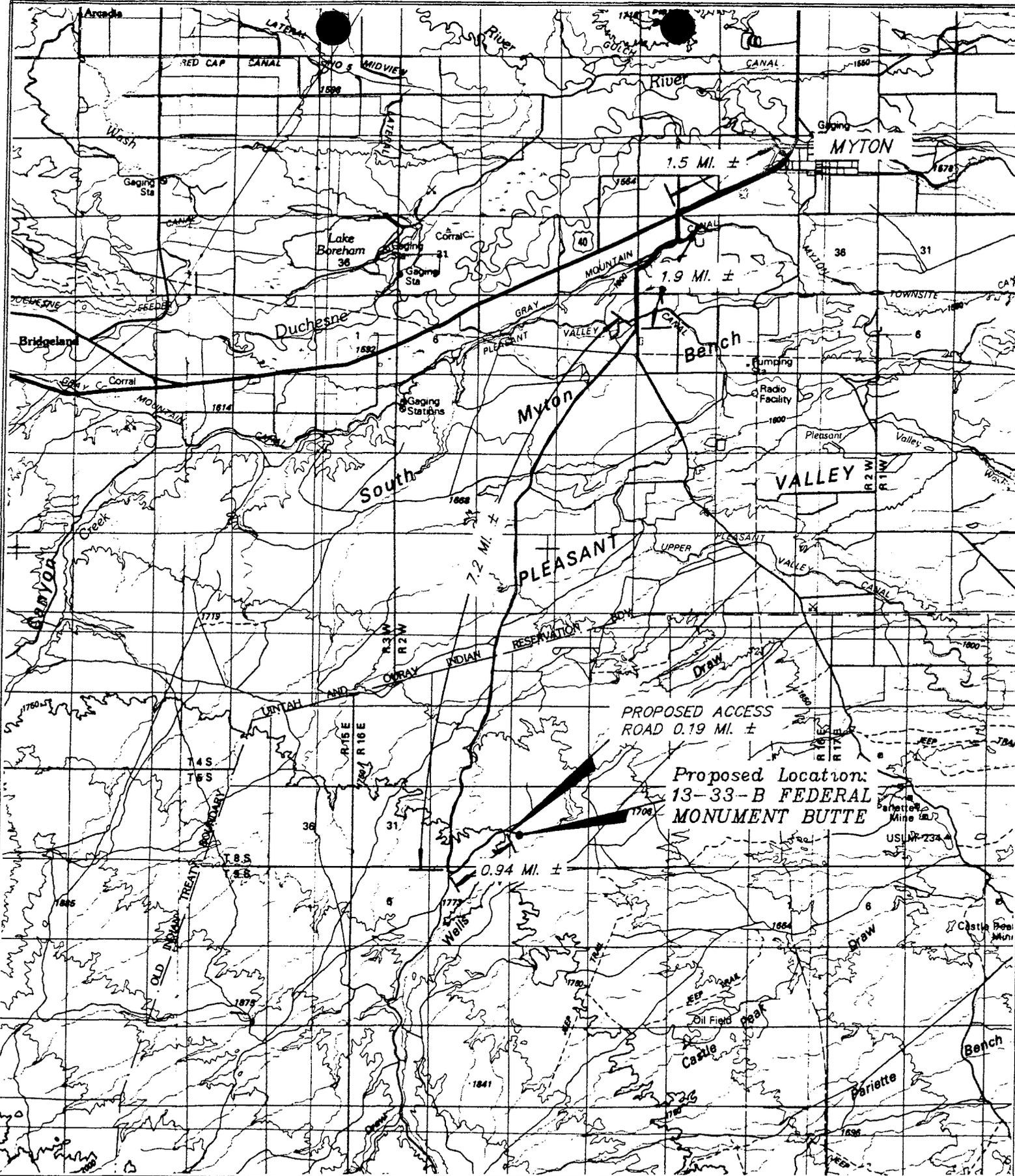
UNTAH ENGINEERING & LAND SURVEYING
P.O. Box 1768
Normal, OH 44861



APPROXIMATE YARDAGES	
CUT	843 Cu. Yds.
(6') Topsoil Stripping	= 843 Cu. Yds.
Pit Volume (Below Grade)	= 1,162 Cu. Yds.
Remaining Location	= 2,369 Cu. Yds.
TOTAL CUT	= 4,374 CU.YDS.
FILL	= 2,746 CU.YDS.
EXCESS MATERIAL AFTER 5% COMPACTION	= 1,483 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,424 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 59 Cu. Yds.

EXCESS MATERIAL AFTER 5% COMPACTION = 1,483 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 1,424 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 59 Cu. Yds.

CUT = 843 Cu. Yds.
(6') Topsoil Stripping = 843 Cu. Yds.
Pit Volume (Below Grade) = 1,162 Cu. Yds.
Remaining Location = 2,369 Cu. Yds.
TOTAL CUT = 4,374 CU.YDS.
FILL = 2,746 CU.YDS.



TOPOGRAPHIC
MAP "A"

4-10-90



PG&E RESOURCES COMPANY

13-33-B FEDERAL MONUMENT BUTTE

SEC. 33, T8S, R16E, S.L.B. & M.

OPERATOR PG F Resources Co. N0595 DATE 6-1-90

WELL NAME Federal 13-33-B

SEC N15W 33 T 85 R 10E COUNTY Duchess

43-013-31077
API NUMBER

Federal (U-49090)
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Sec 33, 85 10E - Sec 30 NESE OR.
Needs water permit

APPROVAL LETTER:

SPACING:

R615-2-3

N/A
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- water permit



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

June 6, 1990

P G & E Resources Company
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Federal 13-33-B - NW SW Sec. 33, T. 8S, R. 16E - Duchesne County, Utah
1972' FSL, 652' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31277.

Sincerely,



R. J. Eirth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
WE14/1-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **43.013.31277**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 PG&E Resources Company

3. ADDRESS OF OPERATOR
 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with requirements.)*
 At surface 652' FWL, 1972' FSL NW/SW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 Green River 6400'

19. PROPOSED DEPTH
 Green River 6400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5710' GR

22. APPROX. DATE WORK WILL START*
 June 1990

RECEIVED
JUN 11 1990

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
 U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 13-33-B

10. FIELD AND POOL, OR WILDCAT
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 33, T8S, R16E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	To surface
7-7/8"	5-1/2"	15.5#	TD	As required

- Attachments:
- Drilling Program
 - Surface Use Plan
 - Survey Plat
 - Cut and Fill Diagram
 - Topo Maps
 - Well Location Map
 - Choke Manifold Diagram
 - Blowout Preventer Diagram

RECEIVED
MAY 1990

RECEIVED
MAY 1990
DOI-BLM
Vernal, Utah

CONFIDENTIAL

Copies: Div. Oil, Gas & Mining; Terry Stull; Central Files-Dallas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Michael L. McMican TITLE Production Supt. DATE 5/15/90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE 6-8-90

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

Ut 080-om33

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company PG&E RESOURCES COMPANY Well No. 13-33B
Location NW/SW Sec. 33, T8S, R16E Lease No. U-49092

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints with a minimum of one centralizer per joint. Usable water may be encountered from +255-410 ft. in the Uinta Formation. Saline water may be encountered from +695-977 ft. and +1475-1545 ft. in the Uinta Formation and from +1855-2055 ft., +5255-5365 ft., +5700-5715 ft., and +6195-6245 ft. in the Green River Formation. The Mahogany oil shale and L1 oil shale have been identified from +3255-3320 ft. and +3395-3460 ft., respectively. Therefore, as a minimum, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale. If usable and saline water are encountered, the usable water will be isolated and/or protected from the saline water via the cementing program or possibly by setting the surface casing to a depth below the usable water interval.

3. Mud Program and Circulating Medium

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

4. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

5. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within forty-eight (48) hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and

with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall

notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

FAX (801) 789-3634

Revised October 1, 1985

Date NOS Received: 04/12/90

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator PG&E RESOURCES COMPANY
Well Name & Number 13-33-B
Lease Number U-49092
Location NWSW Sec. 33 T. 8S R. 16E
Surface Ownership Federal

B. THIRTEEN POINT SURFACE USE PROGRAM.

1. Other Additional Information.

The well location and segment of access road in Section 33 are BLM administered land. The segment of access road in Section 32 is on State of Utah administer land.

A check dam and silt basin will be built in the wash south of the location where flagged with white flagging, according to BLM stipulations.

RECORDED
JUN 25 1990

OPERATOR PG&E Resources Company
ADDRESS 85 South 200 East
Vernal, UT 84078

OPERATOR ACCT. NO. N 0595

"Conf."

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11092	4301331277	FEDERAL 13-33-B	NW/SW	33	8S	16E	Duchesne	6/22/90	
WELL 1 COMMENTS: Federal-Lease Proposed Zone - GRV Field-monument Butte (New Entity 11092 added 6-26-90) for Unit - N/A											
WELL 2 COMMENTS: CONFIDENTIAL											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

OIL AND GAS	
DPN	RF
JFB	GLH
DTS	SLS
1- <i>[Signature]</i>	
2- MICROFILM	
3- FILE	

ACTION CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each Action Code was selected.

Connie Mobley
Signature
Production Clerk 6/22/90
Title Date
Phone No. (801) 789-4573

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED
JUN 25 1990

7. If Unit or CA, Agreement Designation

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

652' FWL, 1972' FSL NW/SW
Section 33, T8S, R16E

8. Well Name and No.

13-33-B

9. API Well No.

43-013-31277

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection

Report of Spud Date

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well was spud at 12 noon 6/22/90 by Leon Ross Drilling Company. Approximately 300' of 8-5/8" 24# K55 casing will be set and cemented at 10 a.m. 6/23/90. Exteter Rig 7 is expected to move on location approximately 6/25/90.

Spud date was reported verbally to the Vernal District BLM office 6/22/90.

OIL AND GAS

DFN	RJF
JFB	GLH
DTS	SLS

1-TB
 2-XX
 SA [Signature]
 4- FILE

CONFIDENTIAL

Copies: ~~Oil~~ Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed

Karla Hanberg

Title

Office Supervisor

Date

6/22/90

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to complete a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED
JUL 09 1990

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection

Weekly Status Report
(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/27/90: 18 hr SICP 1500#. Resett RBP @ 5510 & test to 3500#, ok. POOH w/tbg & ret. tool. RIH w/4" csg guns & perf intvl 5411-21, 4 SPF, 90°. Phased 41 holes total. Brk dn perfs w/rig pump. Zone broke @ 2800#. Avg. 3.5 BPM @ 2200#. ISIP 1800# (.77 frac gra)

6/28/90: WO frac equipment.

6/29/90: Frac E(d) zone. 45% pad, RAMP 20/40 sand from 1 to 6 ppg, RAMP 16/30 sand from 6 to 7 ppg. Totals: 26270# 20/40, 34,620# 16/30, 728 bbl avg, 30 BPM @ 2300 psi. MP 2700.

6/30/90: 20 hrs SICP 1100 psi. Flw 3 hrs, rec'd 110 bbl frac fluid. TIH, clean 10' sand off RBP. Resett RBP @ 5380 & tst to 3500 psi, TOH. Perf 5272-94, 4 SPF, 90°, 4" csg gun. Brk dn @ 3200 psi. Inject 3.6 BPM @ 1900 psi.

7/01/90: Frac w/Western. RAMP 20/40 sand from 1-6 ppg, RAMP 16/30 sand from 6-7 ppg. Totals: 37,410# 20/40, 49,315# 16/30, 972 bbls. Avg. 43 BPM @ 2200 psi, PMax 2460 psi.

7/02/90: SICP 200 psi, Rec'd 30 bbls in 1 hr. Resett RBP @ 5130', tst to 3500 psi.

7/03/90: Perf 4960-65, 4983-86, 5024-36, 4 SPF 90°. TIH w/tbg & pkr. Set pkr @ 5005'. Broke lower perfs @ 3000 psi, inject 3.3 BPM @ 2500 psi. Broke upper perfs @ 2500 psi, inject 4 BPM @ 1500 psi. TOH, frac. 45% pad, RAMP 20/40 sand from 1-6 ppg, RAMP 16/30 sand from 6-7 ppg, totals 48,570# 20/40, 63,885# 16/30. Avg 37 BPM @ 2065 psi Pmax 2570.

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed

Karla Handberg

Title

Office Supervisor

Date

7/5/90

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to complete a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
JUL 09 1990

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
13-33-B

9. API Well No.
43-013-31277

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PG&E Resources Company

3. Address and Telephone No.
85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
652' FWL, 1972' FSL NW/SW
Section 33, T8S, R16E

DIVISION OF
OIL, GAS & MINING

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Weekly Status Report
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/25/90: TD 310'. MIRU. NU BOP's & test. Survey 1/2 @ 300'.

6/26/90: TD 2103'. Drlg. MW 8.3, Vis 27. Survey 3/4 @ 828', 1 @ 1356', 1 @ 1654'.

6/27/90: TD 3203'. Drlg. MW 8.3, Vis 27. Survey, circ out kick.

6/28/90: TD 3806'. W&R. Survey 3/4 @ 3225'. Kill well w/10# brine wtr. Survey 1 @ 3806'. W&R 90' to btm.

6/29/90: TD 5006'. Drlg. MW 8.8, Vis 27. Survey 1-3/4 @ 4369', 2 @ 4928'.

6/30/90: TD 6038'. Drlg. MW 8.9, Vis 27. Survey 1 1/2 @ 5429', 1 1/2 @ 5890'.

7/01/90: TD 6400'. TIH. MW 9.6, Vis 37. Displace hole w/mud, circ and cond. OTOH f/logs.

7/02/90: TD 6400'. Circ. & cond. MW 9.4, Vis 34. Wait on csg.

7/03/90: Run and cmt 154 jts. 5 1/2" 17# K-55 LTC new csg. N/D BOP's, set slips, & cut off csg. Clean pits and L/D kelly. Rig Released 7/3/90 @ 7 a.m. Wait on hookup.

RECEIVED

DATE 7/5/90

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed *Gula Sandberg* Title Office Supervisor Date 7/5/90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or perforate (or a different reason).
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE **RECEIVED** SEP 24 1990

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 PG&E Resources Company

3. Address and Telephone No.
 85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description).
 652' FWL, 1972' FSL NW/SW
 Section 33, T8S, R16E

5. Lease Designation and Serial No.
 U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 13-33-B

9. API Well No.
 43-013-31277

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
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	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Weekly Status Report
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

09/06/90: MIRU Western Well Service Rig #12. Run in w/5 1/2" scraper.

09/07/90: RIH w/tbg & 5 1/2" csg scraper to PBD @ 6289. Displace w/2% KCL, Cla-Sta & biocide. POH, run CBL from 6289-642. Est. TOC @ 970. Tst csg to 3500 psi, perf F(3) 5925-5950, 4 spf 90°, 101 total holes. Brk zone @ 4000 psi. Inject 4 BPM @ 1600 psi, SI for weekend.

09/10/90: Frac F(3) w/Halliburton. 11,000 gal pad, RAMP 20/40 sd from 1-6 ppg, RAMP 16/30 sd from 6-7 ppg. Totals: 29,000# 20/40, 43,000# 16/30 & 778 BW, Avg 30 BPM @ 2000 psi.

09/12/90: 20 hrs SICP 1050 psi. Flw well to pit for 2 1/2 hrs. Rec'd 100 bbls frac fluid, PU retrieving tool & TIH. Tagged sd @ 5943, wash clean dn to RBP @ 6050. Rel BP and raise up & set @ 5570 & tst, ok. POH, RU ELU & perf 5437-49 & 5462-73 w/4" csg gun. Brk dn perfs @ 2400 psi, avg rate 4 1/2 BPM @ 1600 psi.

09/12/90: Frac E(d) w/Halliburton. 17,710 gals pad, RAMP 20/40 sd from 1-6 ppg, RAMP 16/30 sd from 6-7 ppg, totals: 47,000# 20/40 sd, 68,000# 16/30, 1166 bbls gelled wtr. Avg 45 BPM @ 1850 psi, max press 2300 psi @ 46.5 BPM.

Copies: [redacted], Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed Harla Sanberg Title Office Supervisor Date 9/20/90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

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09/13/90: SICP 350 psi, flwd 20 bbls in 30", TIH, clean sd from 5455 to RBP @ 5570. Reset RBP @ 5145 & tst to 3500 psi. TOH, perf 4966-71, 4973-84, 5017-28 & 5036-45, 4 spf, 90°, 148 ttl holes. Brk dn perfs.

09/14/90: RU Halco & frac DC2 & C4 intvl w/81,600# 20/40 sd. Ramped from 1-7 ppg & 101,400# 16/30 sd @ 7#/gal & 1743 bbls gel. Avg rate 57 BPM, Avg press 2300 psi, Max rate 61 BPM, max press 2790 psi. RD Halco.

09/15/90: 20 hrs SICP 650 psi, flow well to pit from 5 hrs thru adj. choke. Rec'd 280 bbls frac fluid w/good show of oil and gas, PU ret tool & TIH. Tag sd @ 5075. Circ clean dn to 5145. Rel BP & POH, PU notched collar, SN, & TIH, SD till Monday.

09/17/90: 38 hrs SICP 250 psi. Kill well w/2% KCL, TIH w/tbg to sd @ 6249. Circ clean to 6289, POH, TIH w/tbg, set TA @ 4943 w/12,000 psi tension, NU WH, tbg detail: 15.00' KB, 4928.00' 159 jts 2-7/8" 6.5# J-55 R-2 EUE tbg, 2.76' TA @ 4943, 1016.21' 33 jts 2-7/8" 6.5# J-55 tbg, 1.08' SN @ 5962, 30.22' 1 jt 2-7/8" tbg, .44 notched collar @ 5994.

09/18/90: Flush tbg w/50 bbls hot 2% KCL, RIH w/rod string. Check pmp to 1000 psi, RD & rel rig. Rod Detail: 1 1/2" x 22' polished rod, 1-8' & 1-4' 7/8" pony rods, 97 7/8" scraped rods, 137 3/4" slick rods, 9 sinker bars, 2 1/2" x 1 3/4" x 12' x 16' RHAC pump. Final report pending hookup and production.

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
OCT 05 1990

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 PG&E Resources Company

3. Address and Telephone No.
 85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 652' FWL, 1972' FSL NW/SW
 Section 33, T8S, R16E

5. Lease Designation and Serial No.
 U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 13-33-B

9. API Well No.
 43-013-31277

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Initial Production
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work:)*

Operator reports the subject well was put on line October 1, 1990 at 5 p.m.
Well produced approximately 100 bbls. of fluid in 23 hrs.

Future reports will be on Form 3160 "Monthly Report of Operations".

OIL AND GAS	
DFN	RJF
JFB	GIH
DIS	SLS
H. DINEEN	
MICROFILM	
2	

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files; Lynne Moon

14. I hereby certify that the foregoing is true and correct

Signed Karla Sanberg Title Office Supervisor Date 10/3/90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

13-33-B

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 33, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
PG&E Resources Company

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 652' FWL, 1972' FSL NW/SW
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31277 DATE ISSUED 6/6/90

15. DATE SPUDDED 6/22/90 16. DATE T.D. REACHED 6/30/90 17. DATE COMPL. (Ready to prod.) 9/18/90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5710' GR 19. ELEV. CASINGHEAD 5710'

20. TOTAL DEPTH, MD & TVD 6384' 21. PLUG, BACK T.D., MD & TVD 6298' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4966-5950' Green River Formation 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIGI-CDI-DSN-CBL 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# K55	306' KB	12-1/4"	210 sx "G"+2% CaCl ₂	None
5-1/2"	17# K55	6384'	7-7/8"	Lead 180 sx Hi-lift	None
				Tail 445 sx 10-0 RFC	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5994'	Anchor @ 4943'

31. PERFORATION RECORD (Interval, size and number)

4966-71, 4973-84	All 4 spf 0.45" holes 90 deg. phasing
5017-28, 5036-45	
5437-49, 5462-73	
5925-50	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4966-5045	81600# 20/40, 101400# 16/30 sd
5437-5473	47000# 20/40, 68000# 16/30 sd
5925-5950	29100# 20/40, 43000# 16/30 sd

33.* PRODUCTION

DATE FIRST PRODUCTION 10/3/90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping and flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/3/90	24	21	→	116	NA	181	NA

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
NA	35	→	116	NA	181	38

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for first few days then sold. TEST WITNESSED BY Randy Miller

35. LIST OF ATTACHMENTS Site Security Diagram

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

SIGNED Mike McMicom TITLE Production Supt. DATE 10/9/90

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Top Green River	1779'	Subsea +3946
				Douglas Creek Marker	4935'	+ 790
				Basal L.S.	6269'	- 544'
				TD	6384'	- 659

FILE 4

MICROFILM

~~2 DIME~~
2 VLS

SLS

IIS

#B

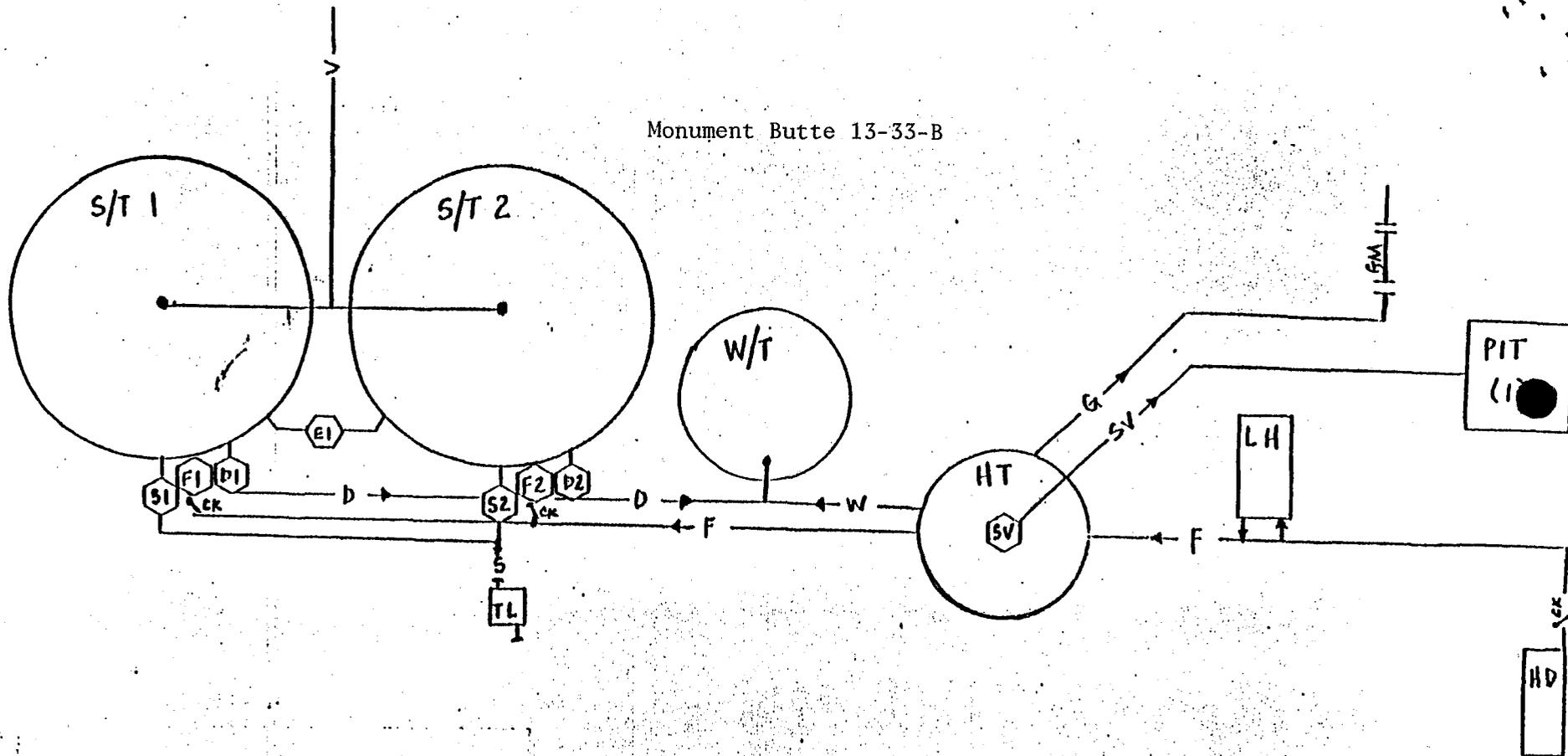
GLH

RJE

OIL AND GAS

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

Monument Butte 13-33-B



PG&E Resources Company
 NW/SW Sec. 33, T8S, R16E
 Duchesne County, UT
 Lease U-49092



This well is subject to the Site Security Plan for the northeast Utah operations. The plan is located at PG&E Resources Company, 85 South 200 East, Vernal, UT 84078.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPPLICATE

NOV 08 1990

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

652' FWL, 1972' FSL NW/SW
Section 33, T8S, R16E

8. Well Name and No.

13-33-B Federal

9. API Well No.

43-013-31277

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection

NTL-2B

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above-ground tank. The tank will be fiberglass with a capacity of about 100 bbls. Water from the tank will be taken by truck and disposed of at the Rooney Operating Disposal Well or the Dave Murray Disposal Pond.

Operator also proposes construction of an emergency pit to be 10' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 48 hrs.

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

Date: 11-9-90

By: [Signature]

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Production Superintendent Date 11/6/90

(This space for Federal or State office use)

Approved by [Signature] Title _____ Date _____
Conditions of approval. Federal Approval of this Action is Necessary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Confidential

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

NOV 08 1990

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 Oil Well Gas Well Other

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 85 South 200 East, Vernal, UT 84078 801-789-4573

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 13-33-B Federal

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11. County or Parish, State
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TYPE OF SUBMISSION	TYPE OF ACTION
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	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection

NTL-2B
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Operator proposes to dispose of produced water into an above-ground tank. The tank will be fiberglass with a capacity of about 100 bbls. Water from the tank will be taken by truck and disposed of at the Rooney Operating Disposal Well or the Dave Murray Disposal Pond.

Operator also proposes construction of an emergency pit to be 10' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 48 hrs.

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

Date: 11-9-90

By: [Signature]

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Production Superintendent Date 11/6/90

(This space for Federal or State office use)

Approved by [Signature] Title _____ Date _____
 Conditions of approval, if **Action is Necessary**

Title 18 U.S.C. Section 1001, makes 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CC: Utah Div. O&G

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -2" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator

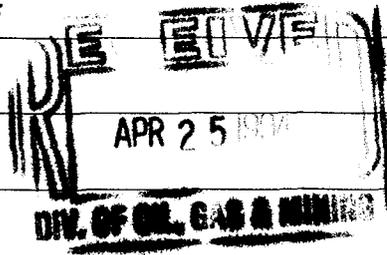
PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

652' FWL & 1972' FSL NW/4 SW/4 Section 33, T8S-R16E



5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 13-33B

9. API Well No.

43-013-31277

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Test zone for WSW</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PG&E Resources Company has completed testing zones in the Federal 13-33B wellbore and turned the well back to production on 04/19/94. The workover is detailed in the attached report.

14. I hereby certify that the foregoing is true and correct

Signed Cindy Beister Title Sr. Regulatory Analyst Date 04/21/1994

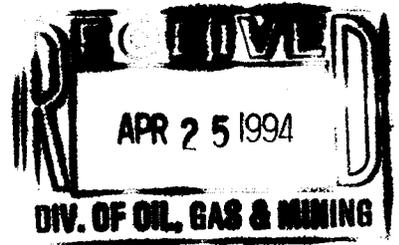
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

WELL HISTORY

PV 13-33B
Pleasant Valley Prospect
Duchesne County, Utah
(PG&E Resources Operated)



- 04-01-94 MIRU. Unseat pump, flush tbg & rods with 50 BO & 15 bbl prod wtr at 270°. Hang 1800' 7/8" rods & LD remaining rods with pump. ND wellhead, NU BOP's, release anchor. Stand back 1900' tbg & LD remaining tbg with anchor (had split jt of tbg above anchor 3 jts). PU Miller model C pkr & RBP & RIH with tbg, set RBP at 1900'; press test to 2000 psi (ok). Spot 2 sx sand on RBP, POOH with tbg & retaining tool. SDF weekend.
- 04-05-94 RU WL, RIH with 4" gun, correlate & perf 1758-80' with 4 SPF, 88 holes. POOH with WL & RD. RU Halliburton, pump 3000 gal 15% HCl acid with Cla-Sta & iron seq, perfs initial break at 2027 psi, avg 15 BPM, 2200 psi avg press, 3850 psi max press. Run 130 balls during treatment, had very good ball action but didn't completely ball out. Surge balls off perfs, wait 15 min & pump into perfs with 28 BPM at 1650 psi. SD, ISIP 790 psi. RD Halliburton, open well to rig tank. Well flowed 1.5 hrs, rec'd 40 BW. RIH with notched collar, 1 jt 2-7/8" tbg, SN & 55 jts 2-7/8" tbg, EOT at 1740'. RU & swab well, FL at surf. Made 29 swab runs, rec'd 40 bbl, total 80 bbl from treatment, 104 BLWTR. FFL at 1500', SDFN.
- 04-06-94 130 psi FTP, 100 psi SICP. RU & swab well, IFL at 1100'. Made 31 runs, rec'd 30 BW in 6 hrs, FFL at 1400'. POOH with 2-7/8" tbg, PU retaining tool & RIH with tbg. Circ balls & sand off RBP at 1900', release RBP, move up & reset RBP at 1745'. Test plug to 2000 psi (ok) & spot 1.5 sx sand on plug. POOH with tbg & retaining tool. SDFN.
- 04-07-94 Perf intervals 1704-15', 1688-96', 1668-78' & 1624-42' with 4" csg guns, 4 SPF, 188 holes. Had to fish guns from runs #2 & #4., both guns had severe splits & expansion after being fired. Will acidize above intervals with Halliburton in morning.
- 04-08-94 Acidize & swab test intervals 1624-1715'. Pump 6000 gal 15% HCl acid with Cla-Sta & iron seq & 225 ball sealers, saw very little ball action during treatment. Well was on vac at end of treatment. Swab test well 4 hrs with no fluid rec'y.
- 04-09-94 Make 1 swab run, no fluid entry or rec'y. POOH with 2-7/8" tbg, SN & notched collar. RU Howco & pump 100 sx Thixtropic cmt with 3% Cal-Seal & 12% CaCl. Displace with 30 bbl fresh wtr (cmt falling away), WOC. RU & fill hole with fresh wtr, well on vac. M&P 100 sx Class H cmt with 3% CaCl at 16#/gal, let cmt fall from tbg & displace with 30 bbl fresh wtr. SDFN.

WELL HISTORY

PV 13-33B

Pleasant Valley Prospect
Duchesne County, Utah
(PG&E Resources Operated)

- 04-10-94 Press test sqz job with rig pump to 500 psi (ok). PU 4-3/4" drag bit, 6 3-1/8" DC's & RIH with 2-7/8" tbg, tag cmt at 1091'. Circ & drill out cmt to 1587; (last 90' fairly hard cmt) & circ hole clean. LD power swivel & 7 jts tbg. SD until Monday.
- 04-11-94 Circ & drill out cmt 1587-1716'. Press test to 500 psi, bled to 0 psi in 5 min. Circ balls & sand out to top of RBP at 1745'. POOH with tbg, DC's & drag bit. PU retaining tool & TIH with 2-7/8" tbg. Dust off & release RBP, move & reset RBP at 1903'. Est inj rate, avg 1/4 BPM at 1000 psi. Spot 2 sx sand on RBP. POOH with 2-7/8" tbg & retaining tool. Prep to spot cmt & re-sqz. SDFN.
- 04-12-94 RIH with 2-3/8" tbg & notched collar to 1800'. RU Howco, est inj rate, avg 1/4 BPM at 1000 psi. M&P 50 sx Prem cmt with 2% CaCl₂ as a balance plug. POOH with tbg & notched collar, pump 2 bbl cmt into perfs & walk sqz to 1000 psi. Clean & RD Howco, SDFN.
- 04-13-94 RIH with 4-3/4" drag bit, 5-1/2" scraper, 6 3-1/8" DC's & 2-7/8" tbg, tag cmt at 1435'. Circ & drill cmt to 1800', press test sqz to 500 psi (ok). Circ sand out to top of RBP at 1903', POOH with tbg & LD DC's, bit & scraper. RU retaining tool, RIH with 10 jts tbg & SDFN.
- 04-14-94 Fin RIH with tbg & retaining tool. Release RBP, POOH with tbg & RBP, PU 4-3/4" drag bit & 5-1/2" csg scraper. RIH with tbg, tag cmt stringers at 3601', circ & drill out to 3758', fell thru cmt. RIH & tag bridge at 4511'. Drill down & fell out at 4314'. RIH & tag cmt stringers at 4498'. Circ & drill out to 4592', circ out clean. LD 1 jt & SDFN.
- 04-15-94 Circ & drill out cmt 4592-5930', lost approx 200 bbl 3% KCl wtr after drilling thru upper set of perfs 4966-5045'. Circ hole clean at 5930', pull above perfs, SDFN.
- 04-16-94 Circ & drill out cmt, scale & BS to 6130'. Circ hole clean at 6130' & POOH with tbg, scraper & drag bit. SDF Weekend.

WELL HISTORY

PV 13-33B

Pleasant Valley Prospect
Duchesne County, Utah
(PG&E Resources Operated)

- 04-18-94 RIH with Howco RBP & pkr, isolate each interval. Pump 3% KCl wtr & est inj rates, perfs 4966-84' avg 2.5 BPM at 1800 psi, ISIP 200 psi; perfs 5017-45' avg 2.5 BPM at 1800 psi, ISIP 1000 psi; perfs 5437-73' avg 2.5 BPM at 1800 psi, broke back from 2100 psi, ISIP 1200 psi; perfs 5925-50' avg 2.5 BPM at 1900 psi, ISIP 1200 psi. Release & POOH with tbg & tools. PU NC, 1 jt tbg, SN, 2 jts tbg & anchor & RIH with 189 jts tbg. Install standing valve & press test tbg to 2500 psi every 1000' (ok). RIH with sandline & OS, fish standing valve & POOH. SDFN.
- 04-19-94 ND BOP's, set anchor at 5864' with 14,000 lb tension. NU wellhead, PU new pump & RIH with rod string. Seat pump, press check to 1000 psi (ok). RD rig & support equip, **well on prod at 1:00pm. FINAL REPORT.**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
 PG&E RESOURCES COMPANY
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 33-33-B 4301331268 11086 08S 16E 33	GRRV			✓ 449092	(wells draw GRRV unit)	
✓ FEDERAL 13-33-B 4301331277 11092 08S 16E 33	GRRV			✓ "	(wells draw GRRV unit)	
✓ FEDERAL 22-5-G 4301331273 11103 09S 16E 5	GRRV			✓ 430096	(wells draw GRRV unit)	
✓ FEDERAL 13-34-B 4301331271 11104 08S 16E 34	GRRV			✓ 447171	(wells draw GRRV unit)	
✓ FEDERAL 21-4-G 4301331272 11107 09S 16E 4	GRRV			✓ 430096	(wells draw GRRV unit)	
✓ STATE 5-36B 44732224 11363 09S 19E 36	WSTC			✓ mL45173		
✓ STATE 9-36A 4304732225 11364 09S 18E 36	GRRV			✓ mL45171		
✓ FEDERAL 13-26B 4304732237 11370 09S 19E 26	WSTC	✓		✓ WTC 68625	(w. willow creek?)	
✓ STATE 2-32B 4304732221 11371 09S 19E 32	WSTC			✓ mL45172		
✓ STATE 9-36B 4304732249 11372 09S 19E 36	WSTC			✓ mL45173		
✓ FEDERAL 11-24B 4304732223 11375 09S 19E 24	GRRV			✓ WTC 68625	(west willow creek unit)	
✓ FEDERAL 13-26B 4304732248 11380 09S 19E 26	WSTC			✓ "	* Conv. 61w 10/94 (west willow creek unit)	
✓ FEDERAL 13-24B 4304732418 11507 09S 19E 24	GRRV			✓ "	(west willow creek unit)	
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assumes all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

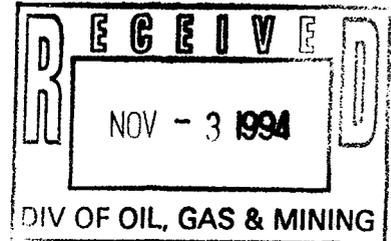
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN Resources Oil & Gas Co.** As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN Resources Oil & Gas Co.** No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN Resources Oil & Gas Co.**

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :
6688 N. Central Expwy., #1000 : Oil and Gas
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2	
To	LISHA CARDOUR	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A *Confirmed Btm/LSJ
11-29-94. Jce

UTAH WELLS

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Federal #23-33-B	NE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31251
✓ Federal #31-5-G	NW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31252
✓ Federal #33-33-B	NW/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31268
✓ Federal #34-33-B	SW/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31269
✓ Federal #44-33-B	SE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31270
✓ Federal #13-34-B	NW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31271
✓ Federal #21-4-G	NE/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31272
✓ Federal #22-5-G	SE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-31273
✓ Federal #13-33-B	NW/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31277
✓ Castle Peak Federal #43-5-G	NE/4 SE/4	5-9S-16E	Duchesne	U-134217A	43-013-30858
✓ Federal #33-36	NW/4 SE/4	36-11S-14E	Duchesne		43-013-30486

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Surety W1870145/80,000. "Rider to Daken" rec'd 10-3-94.
*Trust Lead/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new ^{Upon compl. of routing.} and former operators' bond files.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) (no).
N/A Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

DD 2. Copies of documents have been sent to State Lands for changes involving State leases.
2/8/94 to Ed Bonn

FILMING

- 1. All attachments to this form have been microfilmed. Date: December 15 1994.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 B. Sm / S. F. Not Appr. yet!

941125 " Appr. 'd.

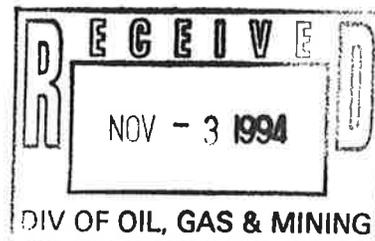
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

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Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

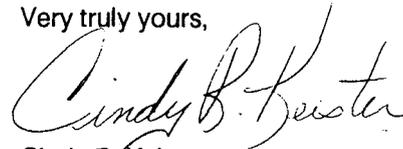
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:

1-LEC	7-CHK
2-DPS	57-FILM
3-VLD	8-FILE
4-RJF	
5-LEC	
6-SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL & GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
	phone (214) <u>987-6353</u>		phone (214) <u>987-6353</u>
	account no. <u>N4940 (1-29-96)</u>		account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes)/no ____ If yes, show company file number: #171513. *(eff. 1-4-95)*
- lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- lec 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- lec 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Le* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust lands / Bond & Lease update in progress!*

- Le* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *OK 2/15/74*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- WDR* 1. All attachments to this form have been microfilmed. Date: March 13 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Appr. eff. 12-31-95.

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓ *	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	(W/W)
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne	
✓ *	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	W/W
✓ *	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	W/W
*	Federal	43- 5G	U-034217-A	43-013-30858	NE SE	5	9S	16E	Duchesne	
* *	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne	
✓ *	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	W/W
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne	
✓ *	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	W/W
✓ *	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	W/W
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne	
✓ *	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	W/W
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINTAH	POW

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

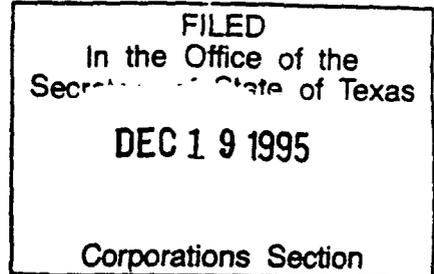
Effective December 31, 1995 04:55 PM





Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF
DALEN Corporation
INTO
Enserch Exploration, Inc.



Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
 Name: J. W. Pinkerton
 Title: Vice President and Controller,
 Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

207.

Antonio O. Garza, Jr.
Secretary of State

MAC

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
 ENSERCH EXPLORATION INC
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 13-33-B 4301331277 11092 08S 16E 33	GRRV			U-49092	Wells Draw Unit	
FEDERAL 22-5-G 4301331273 11103 09S 16E 5	GRRV			U-30096	"	
FEDERAL 13-34-B 4301331271 11104 08S 16E 34	GRRV			U-47171	"	
✓ STATE 31-32 4304732500 11645 08S 18E 32	GRRV			ML-22058		
✓ FEDERAL 41-29 4304732495 11646 09S 18E 29	GRRV			U-19267		
FEDERAL 21-9H 4301331458 11676 09S 17E 9	GRRV			U-50750	Pleasant Valley Unit	
JERAL 14-9H 4301331459 11677 09S 17E 9	GRRV			U-50750	"	
FEDERAL 21-8H 4301331460 11687 09S 17E 8	GRRV			U-10760	"	
✓ FEDERAL 13-15H 4301331698 12100 09S 17E 15	GRRV			U-74805		
✓ FEDERAL 14-15H 4301331695 12101 09S 17E 15	GRRV			U-74805		
✓ FEDERAL 31R-9H (RE-ENTRY) 4301331107 12102 09S 17E 9	GRRV			U-50750		
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 13-33B

9. API Well No.

43-013-31277

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

652' FWL & 1972' FSL NW/4 SW/4 Section 33, T8S-R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

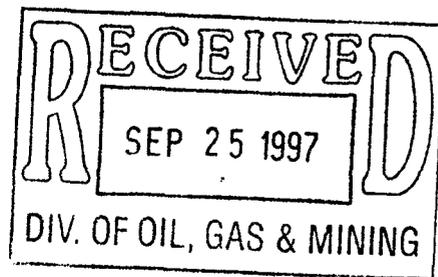
- Notice of Intent
- Subsequent Report
- Final Abandonment

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection

Dispose Water
(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

652' FWL & 1972' FSL NW/4 SW/4 Section 33, T8S-R16E

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 13-33B

9. API Well No.

43-013-31277

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

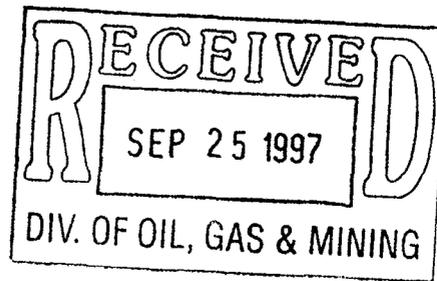
- Notice of Intent
- Subsequent Report
- Final Abandonment

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water
(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the WDU #13-33B Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

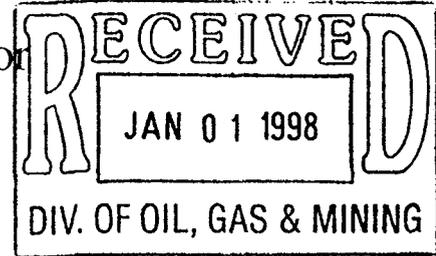
CC: Utah DOGM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



December 31, 1997

Inland Production Company
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ George Diwachak

for Robert A. Henricks
Chief, Branch of Fluid Minerals

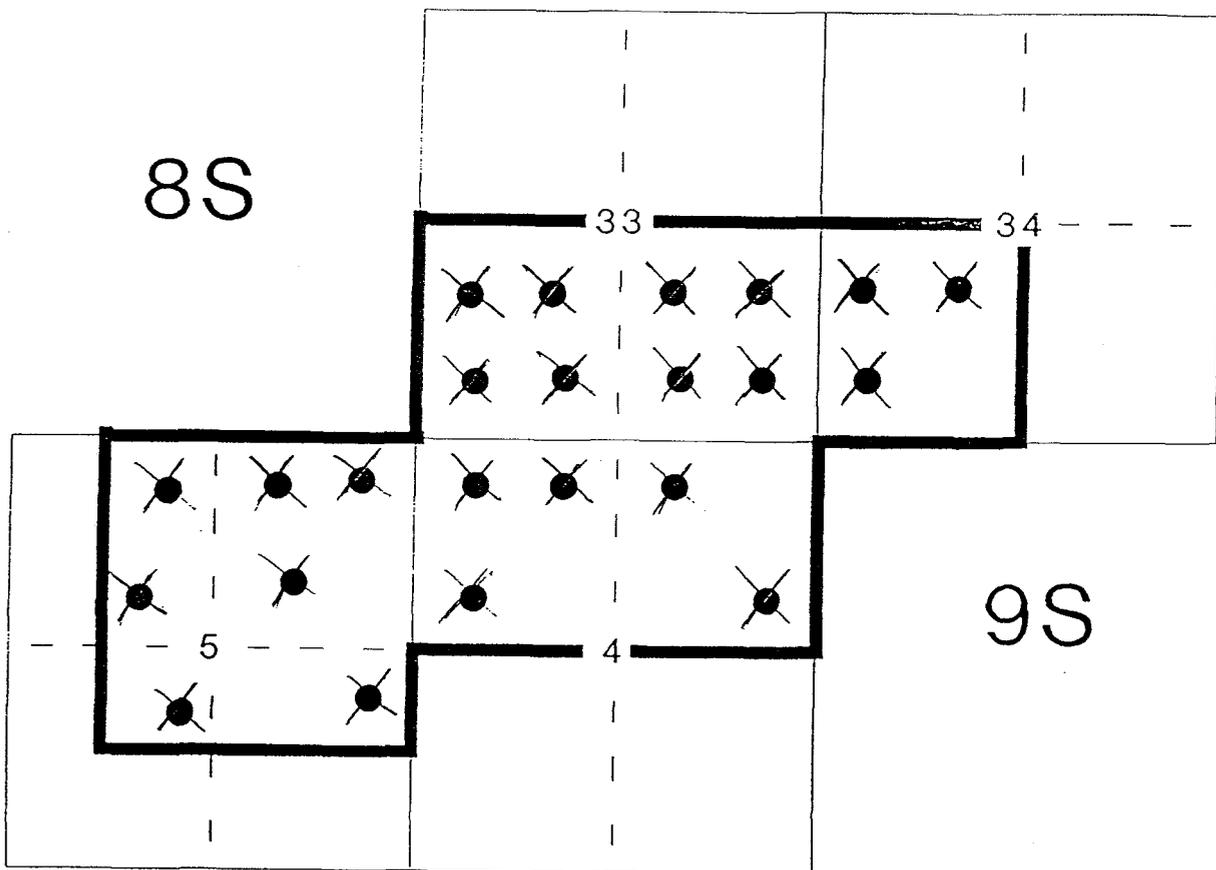
Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Wells Draw (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:12/31/97

WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



16E

— UNIT OUTLINE (UTU72613A)

SECONDARY
ALLOCATION
FEDERAL 100%

OPERATOR INLAND PRODUCTION CO

OPERATOR ACCT. NO. 11 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12276							DUCHESNE		8-16-97
WELL 1 COMMENTS: *SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT) OPERATOR REQ CHG FOR TAX & ROYALTY; & DISPOSITION REPORTING.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)
Signature
ADMIN. ANALYST 1-2-98
Title Date
Phone No. ()

INLAND PRODUCTION COMPANY
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓
2-CLH ✓	7-KAS ✓
3-DPS ✓	8-SIL ✓
4-VLD ✓	9-FILE ✓
5-IRBI ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION CO</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>4849 GREENVILLE AVE #1200</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-4145</u>
	Phone: <u>(801) 722-5103</u>		Phone: <u>(214) 987-7859</u>
	Account no. <u>N5160</u>		Account no. <u>N4940</u>

***WELLS DRAW (GREEN RIVER) UNIT**

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-D13-31277</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-2-98) X UIC DBase & Qua Hro Pro.*
- lec 6. **Cardex** file has been updated for each well listed above. *(1-2-98)*
- lec 7. Well **file labels** have been updated for each well listed above. *(1-2-98)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-2-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Yes 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A **copy of this form** has been placed in the new and former operator's bond files.
- ____ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98.

FILING

- ____ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ____ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980102 BLM/SL Aprv. Wells Draw (GREV) Unit off. 12-31-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 13-33-B

9. API Well No.
43-013-31277

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1972 FSL 0652 FWL NW/SW Section 33, T08S R16E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Weekly Status
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

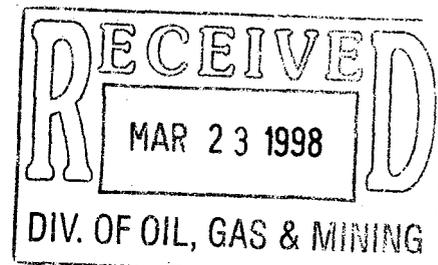
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 3/12/98 - 3/18/98

Perf C/BiCarb sds @ 5140-47' & 5191-5200'.

Place well on production @ 5:50 PM, 3/17/98.



14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 3/19/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84079 (435) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NW/SW

At top prod. interval reported below 652' FWL & 1972' FSL

At total depth

14. PERMIT NO. 43-013-31277 DATE ISSUED 6/6/90

15. DATE SPUDDED 6/22/90 16. DATE T.D. REACHED 6/30/90 17. DATE COMPL. (Ready to prod.) 3/17/98 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5710' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6384' 21. PLUG, BACK T.D., MD & TVD 6196' 22. IF MULTIPLE COMPLETIONS, HOW MANY? 1 23. INTERVALS GRIDDED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5140'-47', 5191'-5200' Green River 25. WAS DIRECTIONAL SURVEY MADE N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN N/A 27. WAS WELL CORED N/A

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24# K55	306' KB	12 1/4	210 sx G + 2% CaCl ₂	
5 1/2	17# K55	6384'	7 7/8	Lead 180 sx Hi-Lift Tail 445 10-0 RFC	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5216'	TA @ 5899'

31. PERFORATION RECORD (Interval, size and number)

C/BiCarb sd @ 5140'-47', 5191'-5200'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5140'-47'	118,300# 20/40 sd in 508 bbls
5191'-5200'	Delta Frac

33.* PRODUCTION

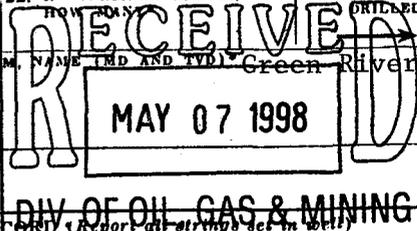
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
3/17/98	2 1/2" X 1 1/2" X 15 1/2" RHAC pump - Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
27 Day Avg		N/A	→	15	12	5	.8
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS None

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

SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 5/1/98



*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<p>#32.</p> <p>Treat A sd w/ 100 gal Xylene, 100 gals Paracheck & 1000 gal 2% KCL wtr. Flush to top perf w/ 33.2 BW.</p> <p>Perf C/BiCarb sd 5140' - 47', 5191' - 5200' Frac w/ 118,300# 20/40 sd in 508 bbls Delta Frac.</p> <p>Treat D sd w/ 100 gal Xylene, 100 gal Paracheck, 1000 gal 2% KCL wtr.</p>	<p>Top Green River</p> <p>Douglas Ck Mkr</p> <p>Basal L.S.</p> <p>TD</p>	<p>1779'</p> <p>4935'</p> <p>6269'</p> <p>6384'</p>	<p>+3946'</p> <p>+790'</p> <p>-544'</p> <p>-659'</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WELLS DRAW

8. Well Name and No.

FEDERAL 13-33-B

9. API Well No.

43-013-31277

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
--	-----------------------------------	--------------------------------

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1972 FSL 0652 FWL NW/SW Section 33, T08S R16E.

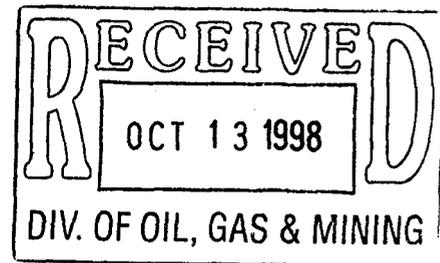
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

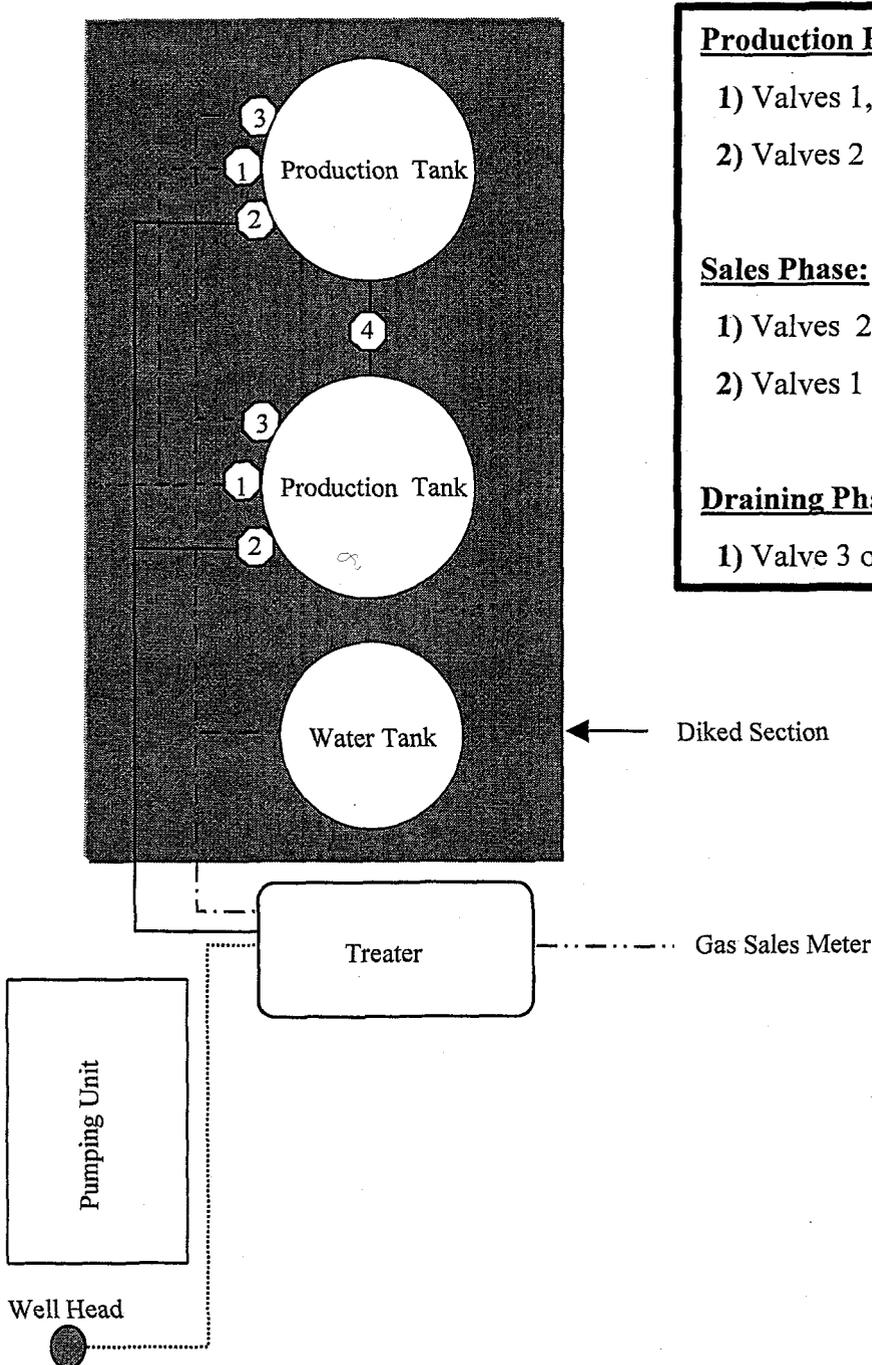
Wells Draw 13-33B

NW/SW Sec. 33, T8S, 16E

Duchesne County

Sept. 17, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah



Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	-----
Water Line	- - - - -
Oil Line	—————
Gas Sales	- · - · - ·

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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7. If Unit or CA, Agreement Designation
WELLS DRAW

8. Well Name and No.
FEDERAL 13-33-B

9. API Well No.
43-013-31277

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTA

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1972 FSL 0652 FWL NW/SW Section 33, T8S R16E

RECEIVED

MAR 06 2003

DIV. OF OIL, GAS & MINING

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had recompletion procedures initiated in the Green River formation on 2/24/03. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to 6259'. Four new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP5 sds @ 6122'-6126' & BS @ 6176'-6184' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 40,735# 20/40 mesh sand in 330 bbls YF 125 fluid. Stage #2: LODC sds @ 5572'-5578' & 5595'-5597' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 31,897# 20/40 mesh sand in 288 bbls YF 125 fluid. Stage #3: PB11 sds @ 4743'-4750' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 21,200# 20/40 mesh sand in 267 bbls YF 125 fluid. Stage #4: GB6 sds @ 4482'-4488' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 21,091# 20/40 sand in 206 bbls YF 125 fluid. All fracs were flowed back through chokes. Frac tbg and tools were pulled from well. New intervals were swab tested for sand cleanup (along with existing intervals). A revised BHA & production tbg string was ran in and anchored in well W/ tubing anchor @ 6080', pump seating nipple @ 6114' and end of tubing string @ 6179'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well was returned to production via rod pump on 3/3/2003.

14. I hereby certify that the foregoing is true and correct

Signed *Gary Dietz* Title Completion Foreman Date 3/4/2003
Gary Dietz

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1972 FSL 652 FWL
 NWSW Section 33 T8S R16E

5. Lease Serial No.
 USA UTU-49092

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 WELLS DRAW UNIT

8. Well Name and No.
 FEDERAL 13-33B

9. API Well No.
 4301331277

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	_____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield requests a change of status to TA this well. Newfield plans to Re-Complete this well in the near future in the following intervals.
 Isolate water and place on line

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

I hereby certify that the foregoing is true and correct (Printed/ Typed) Kathy Chanman	Title Office Manager
Signature 	Date 01/30/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

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 and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

FEB 06 2008

DIV. OF OIL, GAS & MINING



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

June 30, 2009

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, Colorado 80202

Subject: Wells Draw Unit Well: Federal 13-33-B-8-16, Section 33, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

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.

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,

Gil Hunt
Associate Director

GLH/MLR/js

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

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Wells Draw



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

Applicant: Newfield Production Company **Well:** Federal 13-33B-8-16

Location: 33/8S/16E **API:** 43-013-31277

Ownership Issues: The proposed well is located on BLM land. The well is located in the Wells Draw 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. 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 Wells Draw 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 306 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,384 feet. A cement bond log demonstrates adequate bond in this well up to 3,282 feet. A 2 7/8 inch tubing with a packer will be set at 4,447. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 5 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 700 feet. Injection shall be limited to the interval between 4,261 feet and 6,270 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-33B-8-16 well is 0.91 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,093 psig. The requested maximum pressure is 2,093 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.

Federal 13-33B-8-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Wells Draw Unit on December 1, 1993. 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 BLM

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 6/24/09

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/27/2009

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000458653 /
SCHEDULE	
Start 05/26/2009	End 05/26/2009
CUST. REF. NO.	
20090519	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
80 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
273.80	

COPY

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINI FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, 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.

Start 05/26/2009 End 05/26/2009

PUBLISHED ON
SIGNATURE *Stinda P. Stover*

5/27/2009

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

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-352

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 for administrative approval of the following wells:

Wells Draw Unit:
State 24-32-8-16 well located in SE/4 SW/4, Section 32 Township 8 South, Range 16 East
Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East
South Monument Butte Unit:
Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East
Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Unit:
South Wells Draw 14A-4-9-16 well located in SE/4 SW/4 Section 4, Township 9 South, Range 16 East
South Wells Draw 6-10-9-16 well located in SE/4 NW/4 Section 10, Township 9 South, Range 16 East
South Wells Draw 12-10-9-16 well located in NW/4 SW/4 Section 10, Township 9 South, Range 16 East
Monument Federal 33-10-9-16 well located in NW/4 SE/4 Section 10, Township 9 South, Range 16 East
West Point Unit:
Monument Federal 31-6-9-16Y well located in NW/4 NE/4 Section 6, Township 9 South, Range 16 East
Monument Federal 42-6-9-16Y well located in SE/4 NE/4 Section 6, Township 9 South, Range 16 East
Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6 Township 9 South, Range 16 East
West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure 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 Gil Hunt, Associate Director, 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 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Gil Hunt
Associate Director
458653

UPAXLF

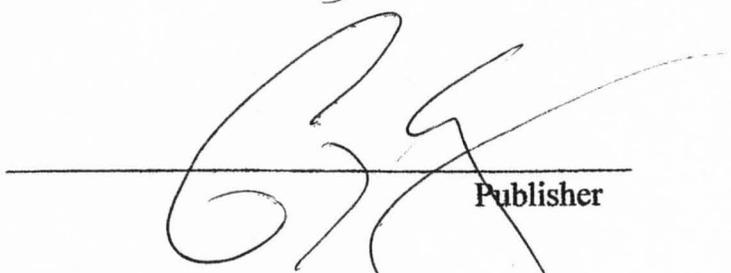
Notary Public
ELIZABETH G. CONDOVAL
6482 West 4000 South
West Valley City, Utah 84128
My Commission Expires
January 18, 2010
State of Utah

Elizabeth G. Condoval

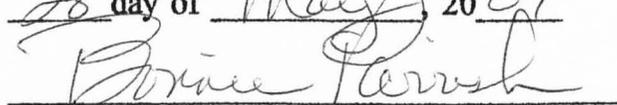
AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER 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 such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of May, 2009, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of May, 2009.



Publisher

Subscribed and sworn to before me this 28 day of May, 2009


Notary Public



COPY

NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 21st day of May, 2009.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Associate Director
Published in the Uintah Basin Standard May 26, 2009.

KENT BASCOM
of the Union 1969-70
team, and was also
borhood paper boy
always perfect when
rolled-up newspaper
his bike to our porch
he couldn't do the s
on the basketball
was a good dribbler,
passes and I enjoy
him do his best on

More Na
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with two counters in
and one in the fifth.
Altamont's sec
(11-5) over Rowland
place in Salt Lake C

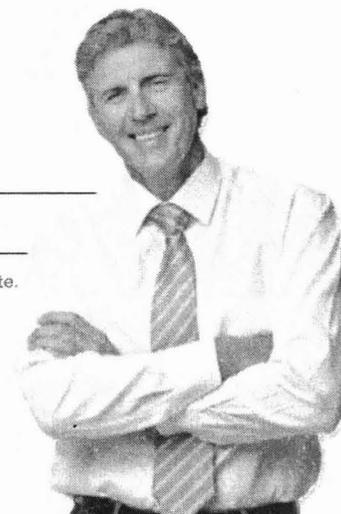
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NOTICE OF AGENCY ACTION CAUSE NO. UIC-352 , 3

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. 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 for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective 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 Gil Hunt, Associate Director, 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 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.	: : :	NOTICE OF AGENCY ACTION CAUSE NO. UIC-352
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---ooOoo---

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

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Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East
Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East
West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective 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 Gil Hunt, Associate Director, 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 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Gil Hunt", is written over a horizontal line.

Gil Hunt
Associate Director

Newfield Production Company

**STATE 24-32-8-16, FEDERAL 13-33B-8-16, MONUMENT BUTTE FEDERAL 4-1-9-16,
MONUMENT BUTTE FEDERAL 6-1-9-16, SOUTH WELLS DRAW 14A-4-9-16, SOUTH WELLS
DRAW 6-10-9-16, SOUTH WELLS DRAW 12-10-9-16, MONUMENT FEDERAL 33-10-9-16
MONUMENT FEDERAL 31-6-9-16Y, MONUMENT FEDERAL 42-6-9-16Y, NINE MILE 10-7-9-16,
WEST POINT FED 14-7-9-16.**

Cause No. UIC-352

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
PO Box 910
Duchesne, UT 84021

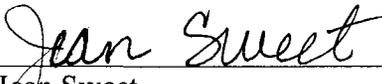
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via Email ubs@ubstandard.com
and Facsimile (435) 722-4140

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

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145
via Email naclegal@mediaoneutah.com
and Facsimile (801) 237-2776

Newfield Production Company
Rt 3 Box 3630
Myton UT 84052

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



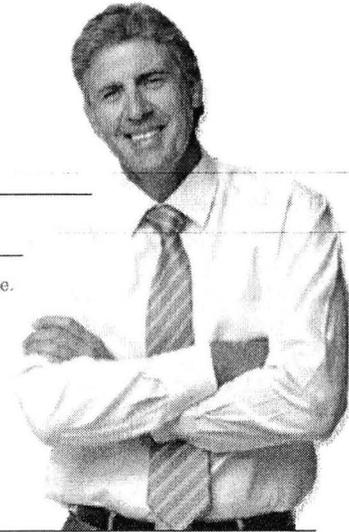
Jean Sweet
Executive Secretary
May 21, 2009

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NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. 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 for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective 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 Gil Hunt, Associate Director, 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 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

Jean Sweet - Notice of Agency Action - Newfield Cause No. UIC 352

From: Jean Sweet
To: ubs@ubstandard.com
Date: 5/21/2009 3:14 PM
Subject: Notice of Agency Action - Newfield Cause No. UIC 352
Attachments: 20090519 Newfield Notice of Agency Action UIC 352 UB Standard.doc

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Gentlemen:

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

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

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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

UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 435-722-4140

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COMPANY: Uintah Basin Standard

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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 21, 2009

VIA E-MAIL ubs@ubstandard.com
and FAX (435) 722-4140

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - RE: Notice of Agency Action - Newfield UIC 352

From: "Linda Roberson" <lroberson@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 5/22/2009 2:23 PM
Subject: RE: Notice of Agency Action - Newfield UIC 352

Ad 458653 / 5/26 / \$273.80

L. "Anna" Roberson (assisting L. Valdez)

naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Thursday, May 21, 2009 3:15 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action - Newfield UIC 352

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
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Jean Sweet - Notice of Agency Action - Newfield UIC 352

From: Jean Sweet
To: naclegal@mediaoneutah.com
Date: 5/21/2009 3:15 PM
Subject: Notice of Agency Action - Newfield UIC 352
Attachments: 20090519 Newfield Notice of Agency Action UIC 352 SL Trib.doc

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

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

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P. 01

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DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

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Division Director

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Governor

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DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 21, 2009

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and Fax (801) 237-2776

Salt Lake Tribune
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Salt Lake City, UT 84145

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure





April 13, 2009

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #13-33B-8-16
Monument Butte Field, Lease #U-49092
Section 33-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Federal #13-33B-8-16 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,

A handwritten signature in black ink, appearing to read "Eric Sundberg", is written over a horizontal line.

Eric Sundberg
Regulatory Analyst

RECEIVED
APR 21 2009
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #13-33B-8-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
WELLS DRAW UNIT
LEASE #U-49092
APRIL 13, 2009

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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 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #13-33B-8-16
Field or Unit name: Monument Butte (Green River), Wells Draw Unit Lease No. U-49092
Well Location: QQ NW/SW section 33 township 8S range 16E 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: 43-013-31277

Proposed injection interval: from 4261 to 6270
Proposed maximum injection: rate 500 bpd pressure 2093 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: Eric Sundberg Signature 
Title: Regulatory Analyst Date 4/14/09
Phone No. (303) 893-0102

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

Comments:

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JUN 30 2009

Federal #13-33B-8-16

Spud Date: 6/22/90
Put on Production: 10/3/90
GL: 5710' KB: 5725'

Initial Production: 116 BOPD,
0 MCFPD, 181 BWPD

Proposed Injection
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / K-55 / 24#
DEPTH LANDED: 306' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sx Class "G" cmt w/2% CaCl2

PRODUCTION CASING

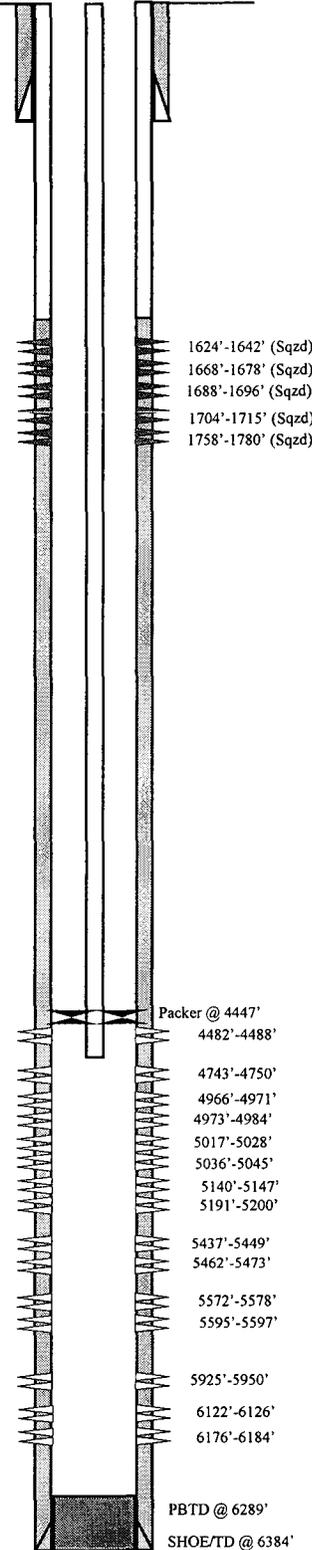
CSG SIZE: 5-1/2" / K-55 / 17#
SET AT: 6384'
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead 180 sx Hi-Lift, tail w/445 10-0 RFC
CEMENT TOP AT: 970'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: J-55 109 jts. (3365.29')
NO. OF JOINTS: 68 jts (2186.12')
TUBING ANCHOR: 2.80' @ 5566.41'KB
NO. OF JOINTS: 1 jts. 31.40'
SEATING NIPPLE: 1.10' @ 5600.71'KB
NO. OF JOINTS: 2 jts. 63.45'
TOTAL STRING LENGTH: EOT @ 5665.61'

FRAC JOB

5925'-5950'	29,100# 20/40, 43,000# 16/30.
5437'-5473'	47,000# 20/40, 68,000# 16/30.
4966'-5045'	81,600# 20/40, 101,400# 16/30.
1758'-1780'	Acidize w/3000 gal 15% HCl acid w/Cla-Sta & iron seq Perfs broke @ 2027 psi, avg 15 bpm, 2200 psi avg press, 3850 psi max press. Run 130 balls, good ball action.
1624'-1715'	Pump 6000 gal 15% HCl acid w/Cla-Sta & iron seq & 225 ball sealers, very little ball action. Well was on vac @ end of treatment.
5140'-5200'	Frac w/118,300# 20/40 sd in 508 bbls Delta Frac. Perfs broke dn @ 3960 psi. Treated @ ave sfc press of 6700 psi w/ave rate of 27 bpm. ISIP: 2345 psi, 5 min: 1875 psi. Flowback on 12/64" choke for 1-1/2 hrs & died. Rec 19 BTF (est 4% of load).
2/5/02	Tubing leak. Update rod and tubing details.
9/10/02	Tubing leak. Updated rod and tubing details.
2/26/03	6122'-6184' Frac BS and CP5 sands as follows: 40,735# of 20/40 sand in 330 bbls YF 125 fluid. Treated @ ave pressure 4193 psi W/ave rate of 17 BPM. ISIP-2349psi. Calc. flush: 1610 gals. Actual flush: 1405 gals.
2/27/03	5572'-5597' Frac LODC sands as follows: 31,897# of 20/40 sand in 288 bbls YF 125 fluid. Treated @ ave pressure 4621 psi W/ave rate of 17.1 BPM. ISIP-3400 psi. Calc. flush: 1439 gals. Actual flush: 1253 gals.
2/27/03	4743'-4750' Frac PB11 sands as follows: 31,200# of 20/40 sand in 267 bbls YF 125 fluid. Treated @ ave pressure 3639 psi W/ave rate of 16.7 BPM. ISIP-2245 psi. Calc. flush: 1240 gals. Actual flush: 888 gals.
2/27/03	4482'-4488' Frac GB6 sands as follows: 21,091# of 20/40 sand in 206 bbls YF 125 fluid. Treated @ ave pressure 3487 psi W/ave rate of 16.8 BPM. ISIP-2122 psi. Calc. flush: 1150 gals. Actual flush: 993 gals.
9/21/04	Parted Rods, updated rod & tubing detail.



PERFORATION RECORD

5925'-5950'	4 JSPF	100 holes
5462'-5473'	4 JSPF	44 holes
5437'-5449'	4 JSPF	48 holes
5036'-5045'	4 JSPF	36 holes
5017'-5028'	4 JSPF	44 holes
4973'-4984'	4 JSPF	44 holes
4966'-4971'	4 JSPF	20 holes
1758'-1780'	4 JSPF	88 holes Squeezed 4/10/94
1704'-1715'	4 JSPF	44 holes Squeezed 4/10/94
1688'-1696'	4 JSPF	32 holes Squeezed 4/10/94
1668'-1678'	4 JSPF	40 holes Squeezed 4/10/94
1624'-1642'	4 JSPF	72 holes Squeezed 4/10/94
5191'-5200'	4 JSPF	36 holes 3/11/98
5140'-5147'	4 JSPF	28 holes 3/11/98
4482'-4488'	4 JSPF	24 holes 2/25/2003
4743'-4750'	4 JSPF	28 holes 2/25/2003
5572'-5578'	4 JSPF	24 holes 2/25/2003
5595'-5597'	4 JSPF	8 holes 2/25/2003
6122'-6126'	4 JSPF	16 holes 2/25/2003
6176'-6184'	4 JSPF	32 holes 2/25/2003

NEWFIELD

Federal #13-33B-8-16

1972' FSL & 652' FWL

NW/SW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31277; Lease #U-49092

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
1001 17th Street, Suite 2000
Denver, Colorado 80202

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 Federal #13-33B-8-16 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 Federal #13-33B-8-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4261' -6270'). 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 3933' and the TD is at 6384'.

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

The referenced log for the Federal #13-33B-8-16 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 Federal lease (Lease #U-49092) 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 306' KB, and 5-1/2", 17# casing run from surface to 6384' 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 2093 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 Federal #13-33B-8-16, for existing perforations (4482' - 6184') calculates at 0.91 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 2093 psig. We may add additional perforations between 3933' and 6384'. 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 Federal #13-33B-8-16, the proposed injection zone (4261' - 6270') is in the Garden Gulch to 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.

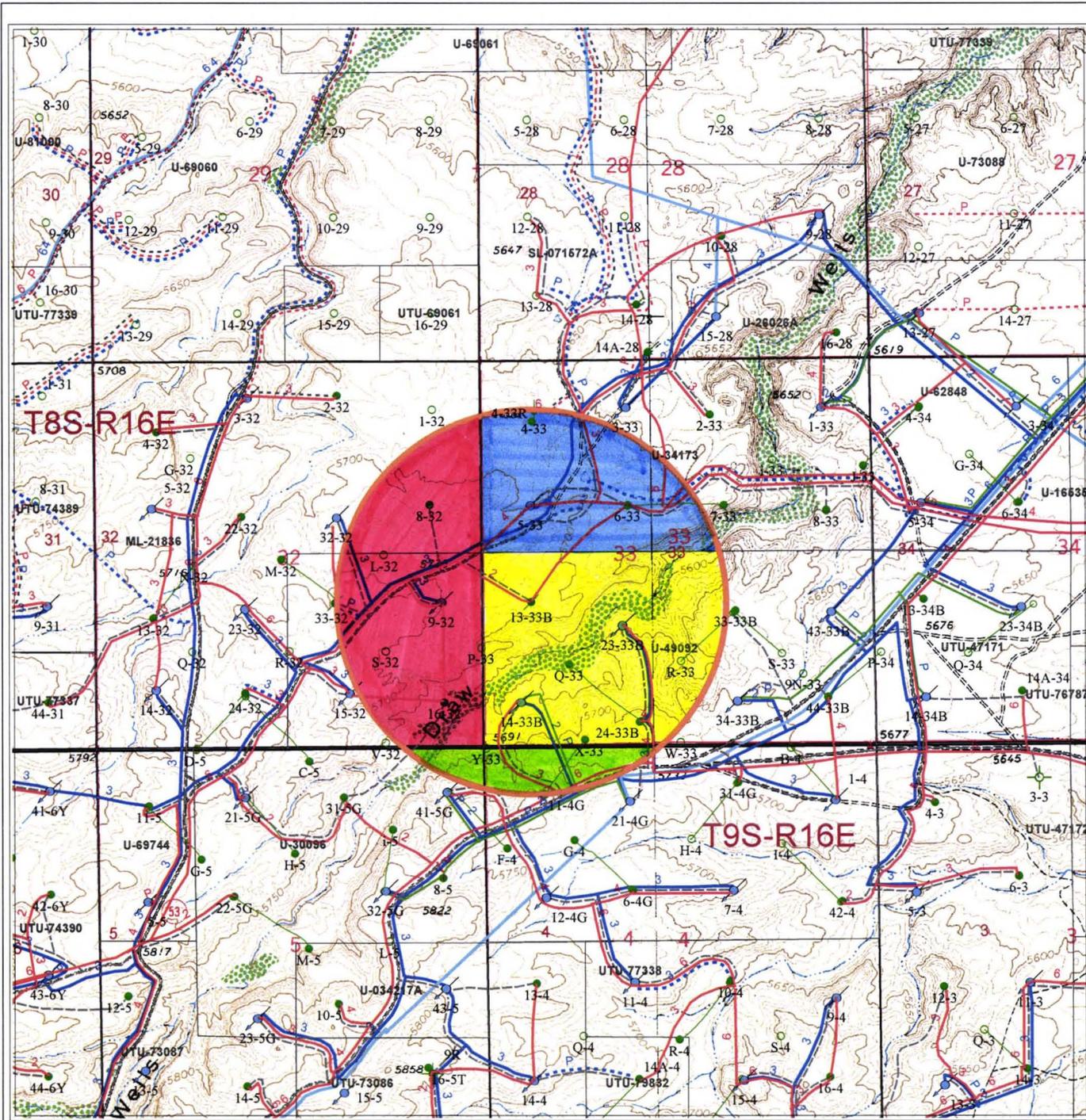
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



- Well Status**
- Location
 - ⊕ CTI
 - ⊕ Surface Spud
 - ⊕ Drilling
 - ⊕ Waiting on Completion
 - ⊕ Producing Oil Well
 - ⊕ Producing Gas Well
 - ⊕ Water Injection Well
 - ⊕ Dry Hole
 - ⊕ Temporarily Abandoned
 - ⊕ Plugged & Abandoned
 - ⊕ Shut In
- Injection system**
- high pressure
 - low pressure
 - - - proposed
 - - - return
 - - - return proposed
- Gas Pipelines**
- Gathering lines
 - - - Proposed lines
- Leases
- ▭ Mining tracts
- ▭ 13-33B-8-16 1/2mile radius

U-49092
 U-34173
 ML-21836
 U-30096

Attachment A

Federal 13-33B-8-16
Section 33, T8S-R16E

NEWFIELD
ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map
Duchesne County

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

January 14, 2009

PG&E RESOURCES COMPANY

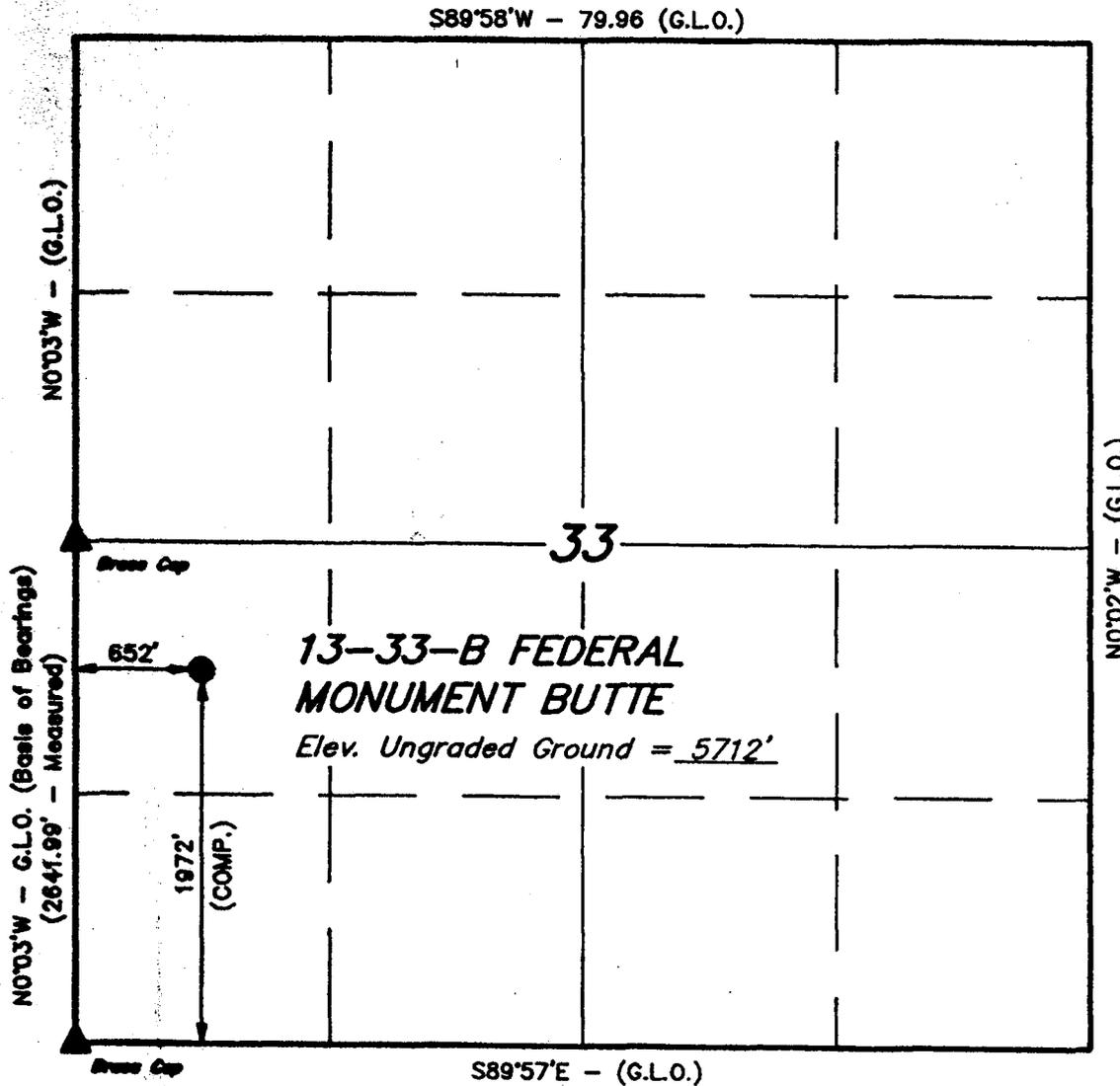
T8S, R16E, S.L.B.&M.

Well location, 13-33-B FEDERAL MONUMENT BUTTE, located as shown in the NW 1/4 SW 1/4 of Section 33, T8S, R16E, S.L.B. & M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 33, T8S, R16E, S.L.B. & M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH - UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5691 FEET.

Attachment A-1



N0°02'W - (G.L.O.)

CERTIFICATE OF REGISTERED LAND SURVEYOR

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

ROBERT L. [Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO. 01981
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 4-10-90
PARTY L.D.T. G.D.T. W.J.R.	REFERENCES G.L.O. PLAT
WEATHER PARTLY CLOUDY	FILE PG&E RESOURCES COMPANY

▲ SECTION CORNERS LOCATED. (Brass Caps).

EXHIBIT B
Page 1 of 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 32: All	ML-21836 HBP	Newfield Production Company 1001 17 th Street Suite 2000 Denver, Co 80202 Producers Pipeline Corp 14531 Highway 377 South Fort Worth, TX 76126 Gavilan Petroleum Inc. PO Box 1329 Park City, UT 84060 Dall Cook 2040 E 4500 South Vernal, UT 84078	(Surface Rights) STATE
2.	<u>Township 9 South, Range 16 East</u> Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE4, SENW, NESW	UTU-30096 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

EXHIBIT B
Page 2 of 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
3.	<u>Township 8 South, Range 16 East</u> Section 33: S2	U-49092 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
4.	<u>Township 8 South, Range 16 East</u> Section 33: N2	U-34173 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #13-33B-8-16

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: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 14th day of April, 2009.

Notary Public in and for the State of Colorado: 

My Commission Expires: 2/10/2013

Federal #13-33B-8-16

Spud Date: 6/22/90
 Put on Production: 10/3/90
 GL: 5710' KB: 5725'

Initial Production: 116 BOPD,
 0 MCFPD, 181 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / K-55 / 24#
 DEPTH LANDED: 306' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sx Class "G" cmt w/2% CaCl2

PRODUCTION CASING

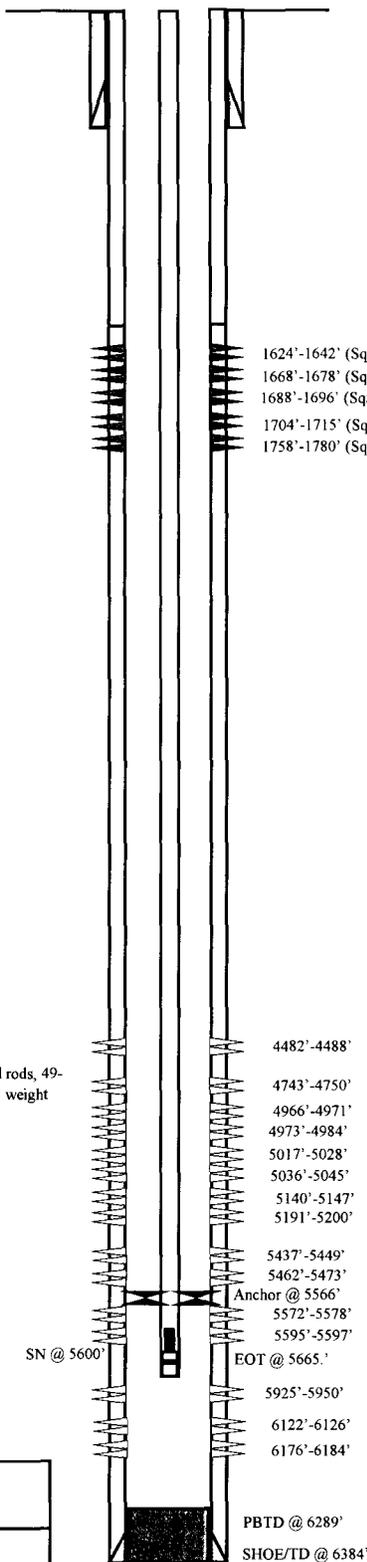
CSG SIZE: 5-1/2" / K-55 / 17#
 SET AT: 6384'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: Lead 180 sx Hi-Lift, tail w/445 10-0 RFC
 CEMENT TOP AT: 970'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: J-55 109 jts. (3365.29')
 NO. OF JOINTS: 68 jts (2186.12')
 TUBING ANCHOR: 2.80' @ 5566.41' KB
 NO. OF JOINTS: 1 jts. 31.40'
 SEATING NIPPLE: 1.10' @ 5600.71' KB
 NO. OF JOINTS: 2 jts. 63.45'
 TOTAL STRING LENGTH: EOT @ 5665.61'

SUCKER RODS

POLISHED ROD: 1 1/2" X 22"
 SUCKER RODS: 2-8", 1-4", 1-2" x 7/8" pony rods, 85-7/8" scraped rods, 49-3/4" plain rods, 22-3/4" scraped rods, 5-1 5/8" weight bars, 1-1 1/2" weight bars.
 PUMP SIZE: 2-1/2"x1-1/2"x 14.5" RHAC
 STROKE LENGTH: 60"
 PUMP SPEED, SPM: 7 SPM
 LOGS: DIGL, CDL-DSN, CBL



FRAC JOB

5925'-5950' 29,100# 20/40, 43,000# 16/30.
 5437'-5473' 47,000# 20/40, 68,000# 16/30.
 4966'-5045' 81,600# 20/40, 101,400# 16/30.
 1758'-1780' Acidize w/3000 gal 15% HCl acid w/Cla-Sta & iron seq. Perfs broke @ 2027 psi, avg 15 bpm, 2200 psi avg press, 3850 psi max press. Run 130 balls, good ball action.
 1624'-1715' Pump 6000 gal 15% HCl acid w/Cla-Sta & iron seq & 225 ball sealers, very little ball action. Well was on vac @ end of treatment.
 5140'-5200' Frac w/118,300# 20/40 sd in 508 bbls Delta Frac. Perfs broke dn @ 3960 psi. Treated @ ave sfc press of 6700 psi w/ave rate of 27 bpm. ISIP: 2345 psi, 5 min: 1875 psi. Flowback on 12/64" choke for 1-1/2 hrs & died. Rec 19 BTF (est 4% of load).
 2/5/02 Tubing leak. Update rod and tubing details.
 9/10/02 Tubing leak. Updated rod and tubing details.
 2/26/03 6122'-6184' Frac BS and CP5 sands as follows: 40,735# of 20/40 sand in 330 bbls YF 125 fluid. Treated @ ave pressure 4193 psi W/ave rate of 17 BPM. ISIP-2349psi. Calc. flush: 1610 gals. Actual flush: 1405 gals.
 2/27/03 5572'-5597' Frac LODC sands as follows: 31,897# of 20/40 sand in 288 bbls YF 125 fluid. Treated @ ave pressure 4621 psi W/ave rate of 17.1 BPM. ISIP-3400 psi. Calc. flush: 1439 gals. Actual flush: 1253 gals.
 2/27/03 4743'-4750' Frac PBI1 sands as follows: 31,200# of 20/40 sand in 267 bbls YF 125 fluid. Treated @ ave pressure 3639 psi W/ave rate of 16.7 BPM. ISIP-2245 psi. Calc. flush: 1240 gals. Actual flush: 888 gals.
 2/27/03 4482'-4488' Frac GB6 sands as follows: 21,091# of 20/40 sand in 206 bbls YF 125 fluid. Treated @ ave pressure 3487 psi W/ave rate of 16.8 BPM. ISIP-2122 psi. Calc. flush: 1150 gals. Actual flush: 993 gals.
 9/21/04 Parted Rods, updated rod & tubing detail.

PERFORATION RECORD

Interval	Tool Joint	Holes
5925'-5950'	4 JSPF	100 holes
5462'-5473'	4 JSPF	44 holes
5437'-5449'	4 JSPF	48 holes
5036'-5045'	4 JSPF	36 holes
5017'-5028'	4 JSPF	44 holes
4973'-4984'	4 JSPF	44 holes
4966'-4971'	4 JSPF	20 holes
1758'-1780'	4 JSPF	88 holes Squeezed 4/10/94
1704'-1715'	4 JSPF	44 holes Squeezed 4/10/94
1688'-1696'	4 JSPF	32 holes Squeezed 4/10/94
1668'-1678'	4 JSPF	40 holes Squeezed 4/10/94
1624'-1642'	4 JSPF	72 holes Squeezed 4/10/94
5191'-5200'	4 JSPF	36 holes 3/11/98
5140'-5147'	4 JSPF	28 holes 3/11/98
4482'-4488'	4 JSPF	24 holes 2/25/2003
4743'-4750'	4 JSPF	28 holes 2/25/2003
5572'-5578'	4 JSPF	24 holes 2/25/2003
5595'-5597'	4 JSPF	8 holes 2/25/2003
6122'-6126'	4 JSPF	16 holes 2/25/2003
6176'-6184'	4 JSPF	32 holes 2/25/2003

NEWFIELD

Federal #13-33B-8-16

1972' FSL & 652' FWL
 NW/SW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31277, Lease #U-49092

Travis Federal 4-33R-8-16

Spud Date: 10-03-05
Put on Production: 11-28-05

Initial Production: BOPD,
MCFD, BWPD

GL: 5677' KB: 5689'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (279')
DEPTH LANDED: 290.85' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 145 jts (6117.49')
DEPTH LANDED: 6116.74' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 315 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 210'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5890.08')
TUBING ANCHOR: 5902.08' KB
NO. OF JOINTS: 1 jts (32.44')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5937.32' KB
NO. OF JOINTS: 2 jts (65.21')
TOTAL STRING LENGTH: EOT @ 6004.08' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4', 2-6', 1-8' X 3/4" pony rods, 96- 3/4" guided rods, 104- 3/4" slick rods, 30- 3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM

FRAC JOB

01-17-06 5893-5940' **Frac CP.5, & CPI sands as follows:**
50464# 20/40 sand in 518 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 5891 gal. Actual flush: 5880 gal.

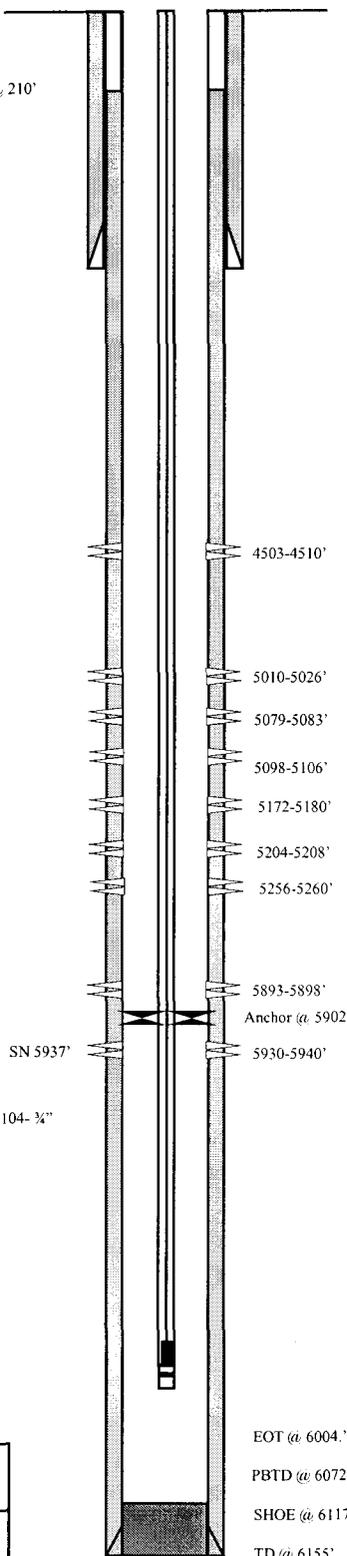
01-17-06 5172-5260' **Frac B.5, & C sands as follows:**
69439# 20/40 sand in 647 bbls Lightning 17 frac fluid. Treated @ avg press of 1922 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 5170 gal. Actual flush: 5208 gal.

01-17-06 5010-5106' **Frac D1, & D2 sands as follows:**
120342# 20/40 sand in 842 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 2270 psi. Calc flush: 5008 gal. Actual flush: 4998 gal.

01-17-06 4503-4510' **Frac GB4 sands as follows:**
17280# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2155 w/ avg rate of 24.9 BPM. ISIP 2420 psi. Calc flush: 4501 gal. Actual flush: 4410 gal.

07/06/06
05-20-08 Clean fill out. Update rod and tubing details. Stuck pump. Pump change updated.

Cement top @ 210'



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
01-12-06	5930-5940'	4 JSPF	40 holes
01-12-06	5893-5898'	4 JSPF	20 holes
01-17-06	5256-5260'	4 JSPF	16 holes
01-17-06	5204-5208'	4 JSPF	16 holes
01-17-06	5172-5180'	4 JSPF	32 holes
01-17-06	5098-5106'	4 JSPF	32 holes
01-17-06	5079-5083'	4 JSPF	16 holes
01-17-06	5010-5026'	4 JSPF	64 holes
01-17-06	4503-4510'	4 JSPF	28 holes

EOT @ 6004.08'
PBTD @ 6072'
SHOE @ 6117'
TD @ 6155'

NEWFIELD

Travis Federal 4-33R-8-16

826' FNL & 691' FWL

NW/NW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-30754; Lease #UTU-34173

Wells Draw 8-32-8-16

Spud Date: 4/27/2004
 Put on Production: 7/9/2004
 GL: 5711' KB:5723'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.77')
 DEPTH LANDED: 322.77' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150sxs Class "G" cmt, est 1 bbl cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (6349.39')
 DEPTH LANDED: 6347.39' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 189 jts (5954.23')
 TUBING ANCHOR: 5966.23' KB
 NO. OF JOINTS: 2 jts (63.15')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 6032.18' KB
 NO. OF JOINTS: 2 jts (63.17')
 TOTAL STRING LENGTH: EOT @ 6096.90' w/ 12' KB

SUCKER RODS

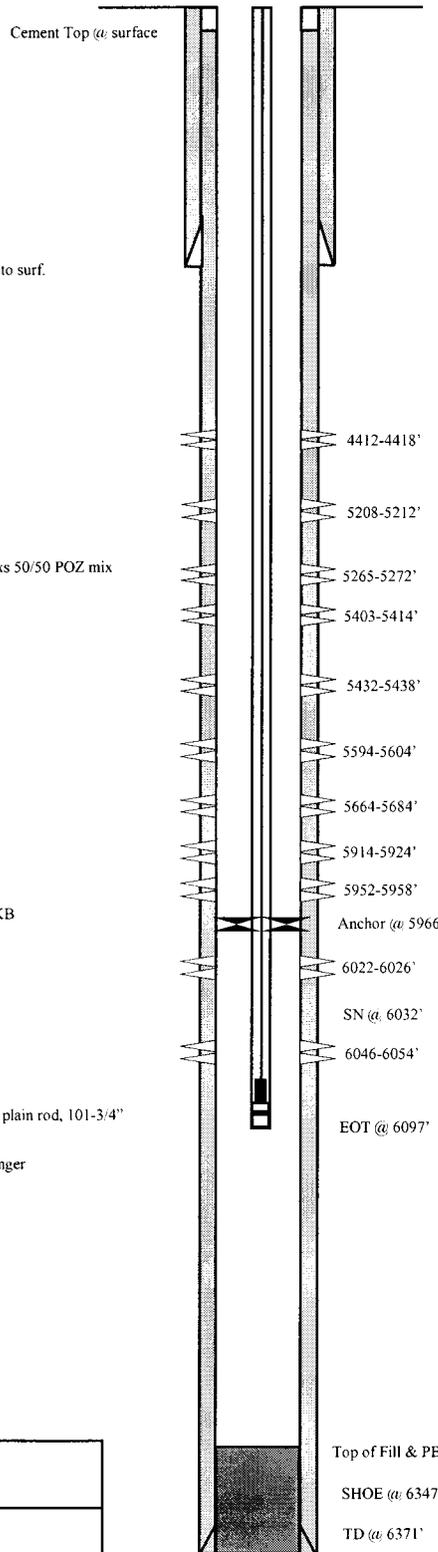
POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-6', 4', 4', 4', 2', x 3/4" pony rod, 86-3/4" plain rod, 101-3/4" guided rods; 48-3/4" plain rods, 6-1 1/2" weight rods
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC pump w/ SM Plunger
 STROKE LENGTH: 67"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

6/28/04	5914'-6054'	Frac CP4, 3, 2 AND 1 sands as follows: 78,979# 20/40 sand in 610 bbls lightning Frac 17 fluid. Treated @ avg press of 1635 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 5912 gal. Actual flush: 5914 gal.
6/29/04	5594'-5684'	Frac LODC sands as follows: 99,277# 20/40 sand in 725 bbls lightning Frac 17 fluid. Treated @ avg press of 2360 psi w/avg rate of 24.7 BPM. ISIP 3150 psi. Calc flush: 5592 gal. Actual flush: 5590 gal.
6/30/04	5403'-5438'	Frac A3 and 1 sands as follows: 44,757# 20/40 sand in 416 bbls lightning Frac 17 fluid. Treated @ avg press of 1775 psi w/avg rate of 24.6 BPM. ISIP 2025 psi. Calc flush: 5401 gal. Actual flush: 5401 gal.
6/30/04	5208'-5272'	Frac B2 and .5 sands as follows: 54,668# 20/40 sand in 460 bbls lightning Frac 17 fluid. Treated @ avg press of 1640 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 5206 gal. Actual flush: 5204 gal.
6/30/04	4412'-4418'	Frac GB4 sands as follows: 36,665# 20/40 sand in 326 bbls lightning Frac 17 fluid. Treated @ avg press of 2090 psi w/avg rate of 24.7 BPM. ISIP 4170 psi. Calc flush: 4410 gal. Actual flush: 4326 gal.
1/6/05		Stuck pump. Update rod details.
11/16/07		Major Workover. Rod & Tubing details updated.
1/20/09		Parted rods. Updated R & T details.

PERFORATION RECORD

6/28-04	6046-6054'	4 JSFP	32 holes
6/28-04	6022-6026'	4 JSFP	16 holes
6/28-04	5952-5958'	4 JSFP	24 holes
6/28-04	5914-5924'	4 JSFP	40 holes
6/29-04	5664-5684'	4 JSFP	80 holes
6/29-04	5594-5604'	4 JSFP	40 holes
6/30-04	5432-5438'	4 JSFP	24 holes
6/30-04	5403-5414'	4 JSFP	44 holes
6/30-04	5265-5272'	4 JSFP	28 holes
6/30-04	5208-5212'	4 JSFP	16 holes
6/30-04	4412-4418'	4 JSFP	24 holes



NEWFIELD

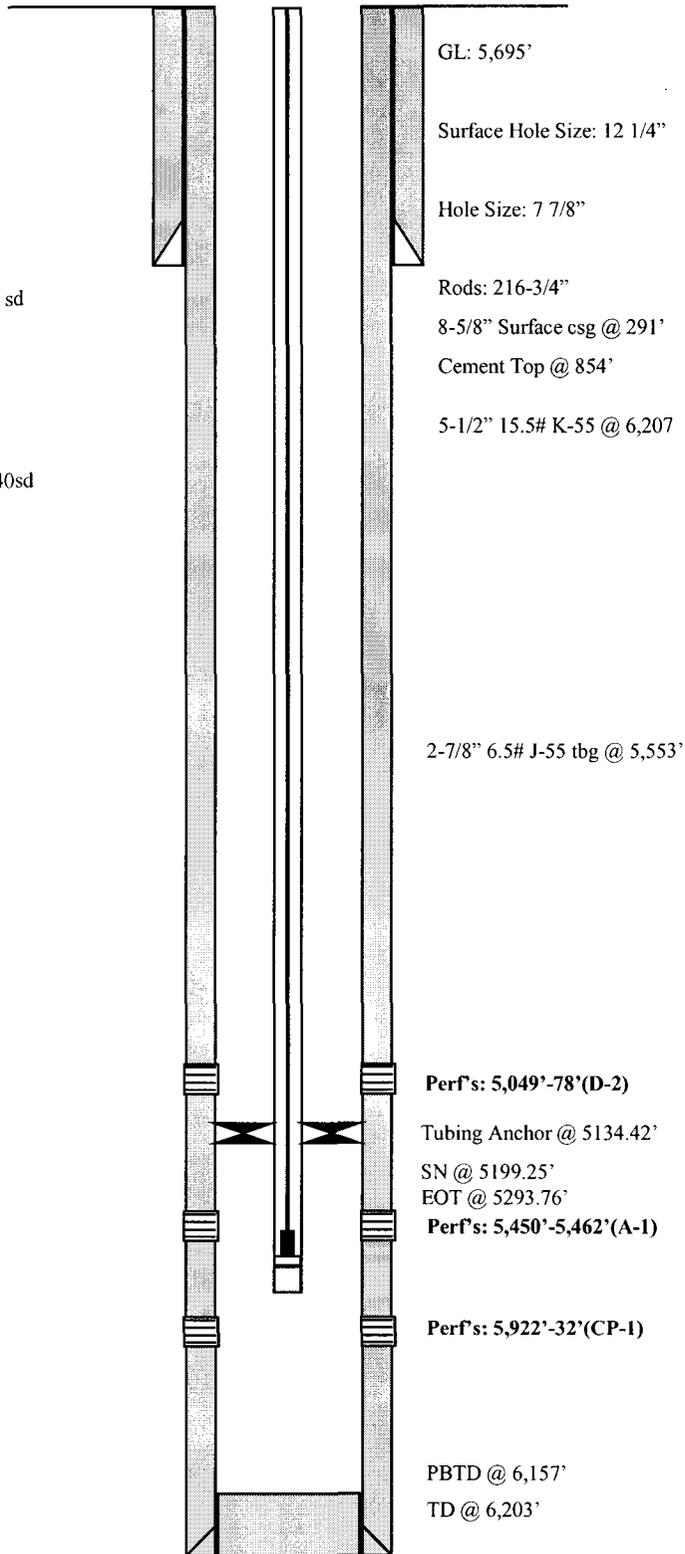
Wells Draw Unit 8-32-8-16
 1969' FNL & 710' FEL
 SE/NE Section 32-T8S-R16E
 Duchesne Co, Utah
 API #43-013-32219; Lease #ML-21836

Travis Federal #5-33

Wellbore Diagram

Well History:

10-25-94	Spud Well
11-28-94	Perf: 5,922'-5,932' Frac CP-1 zone as follows: Breakdown w/ 92 bbbs 2% KCl w/ 60 1.3 ball sealers
11-29-94	Perf: 5,450'-5,462'
11-30-94	Frac A-1 zone as follows: Totals 418 BF, 35,000# 20/40 sd Max TP 2,450 @ 37 BPM Avg TP 2,050 @ 29 BPM ISIP 2,050, after 5 min 1,860
12-1-94	Perf: 5,049'-5,078'
12-2-94	Frac D-2 zone as follows: Totals, 892 bbbs, 49,000# 20/40sd 41,000# 16/30sd Max TP 2,300 Avg TP 1,850 ISIP 1,740, after 5 min. 1,270



NEWFIELD



Travis Federal #5-33
 1980 FNL 660 FWL
 SWNW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31435; Lease #U-34173

Federal #6-33

Spud Date: 8/3/83
 Put on Production: 9/7/83
 GL: 5678' KB: 5688'

Wellbore Diagram

INITIAL PRODUCTION: 22 bopd, 3 bwpd

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (281')
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 17.0#
 LENGTH: ? jts. (6165')
 DEPTH LANDED: 5845'
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 453 sk RFC & 155 sxs lodense.

TUBING

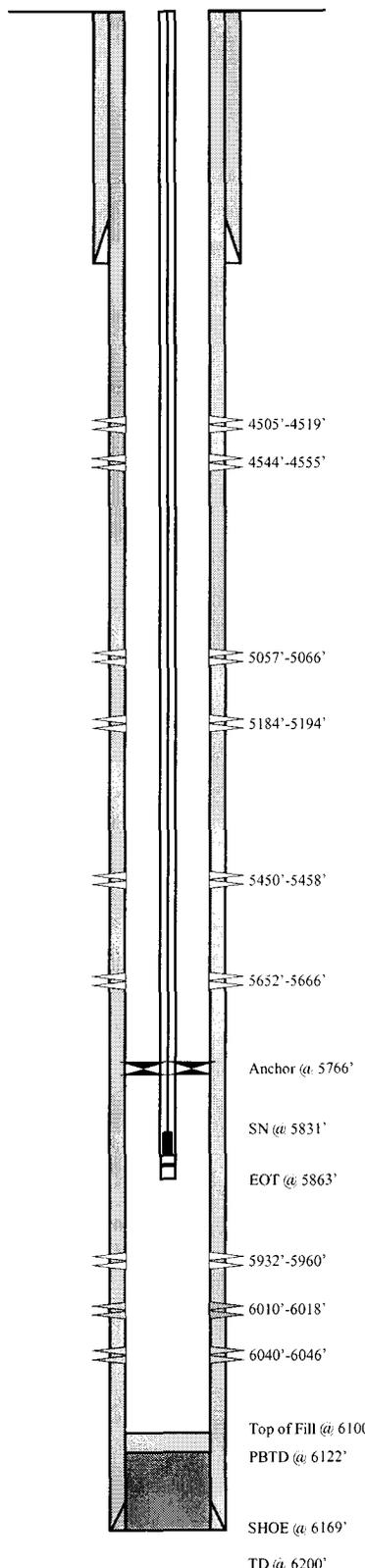
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 180 jts (5758.41')
 TUBING ANCHOR: 5766.41'
 NO. OF JOINTS: 2 jts (61.25')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5830.47' KB
 NO. OF JOINTS: 1 jt (30.82')
 TOTAL STRING LENGTH: EOT @ 5862.84'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
 SUCKER RODS: 6- 1 1/2" weight bars, 22- 3/4" guided rods, 68- 3/4" scraped rods, 135- 3/4" guided rods, 1- 6', 4- 4', x 3/4" pony rods.
 PUMP SIZE: 2 1/2" x 1 1/2" x 4' x 17' RTBC Magyver pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

8/25/83	5932'-60'	Frac as follows: 116,000# 20/40 sand in 631 bbls fluid. Perfs broke down @ 2600 psi.
	5057'-66'	Frac as follows: 62,640# 20/40 sand in 460 bbls fluid.
6/20/01	6010'-46'	Break CP-3 sands - no frac
6/20/01	5652'-66'	Frac LODC sands as follows: 19,595# 20/40 sand in 233 bbls Viking I-25 fluid. Treated @ avg press of 5640 psi w/avg rate of 14.7 BPM. Screened out.
6/21/01	5450'-58'	Frac A-1 sands as follows: 40,600# 20/40 sand in 256 bbls Viking I-25 fluid. Treated @ avg press of 3900 psi w/avg rate of 14.6 BPM. Screened out.
6/22/01	5184'-94'	Frac C sands as follows: 37,413# 20/40 sand in 236 bbls Viking I-25 fluid. Treated @ avg press of 3500 psi w/avg rate of 15.2 BPM. ISIP 3040 psi.
6/25/01	4505'-55'	Frac GB sands as follows: 112,834# 20/40 sand in 236 bbls Viking I-25 fluid. Treated @ avg press of 2140 psi w/avg rate of 30.9 BPM. ISIP 2330 psi.
9/29/01		Pump change. Update rod and tubing details.
10/16/01		Tubing leak. Update rod and tubing details.
10/29/01		Pump change. Update rod, tubing and fill details.
11/21/01		Parted rods. Update rod and fill details.
8/24/02		Pump change. Update rod and fill details
12/03/03		Pump change. Update rod detail.
3/19/04		Pump change and bail sand. Update rod and tubing detail.
08/24/2004		Pump change. Updated rod detail.



PERFORATION RECORD

8/25/83	5932'-5960'	1 JSPF	28 holes
...	5057'-5066'	4 JSPF	44 holes
6/19/01	6040'-6066'	4 JSPF	24 holes
6/19/01	6010'-6018'	4 JSPF	32 holes
6/19/01	5652'-5666'	4 JSPF	56 holes
6/19/01	5450'-5458'	4 JSPF	32 holes
6/19/01	5184'-5194'	4 JSPF	40 holes
6/19/01	4544'-4555'	4 JSPF	44 holes
6/19/01	4505'-4519'	4 JSPF	56 holes

NEWFIELD



Federal #6-33

1982' FNL & 1978' FWL

SE/NW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-30747; Lease #U-34173

State #33-32-8-16

Spud Date: 2/3/87
 Put on Production: 3/16/87
 GL: 5757' KB: 5772'

Initial Production: 18 BOPD, 16 MCFD, 0 BWPD
 IP (5/19/00): 11 BOPD, 13 MCFD, 28 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: ?
 WEIGHT: 32#
 DEPTH LANDED: 316'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 215 sxs Class "G"

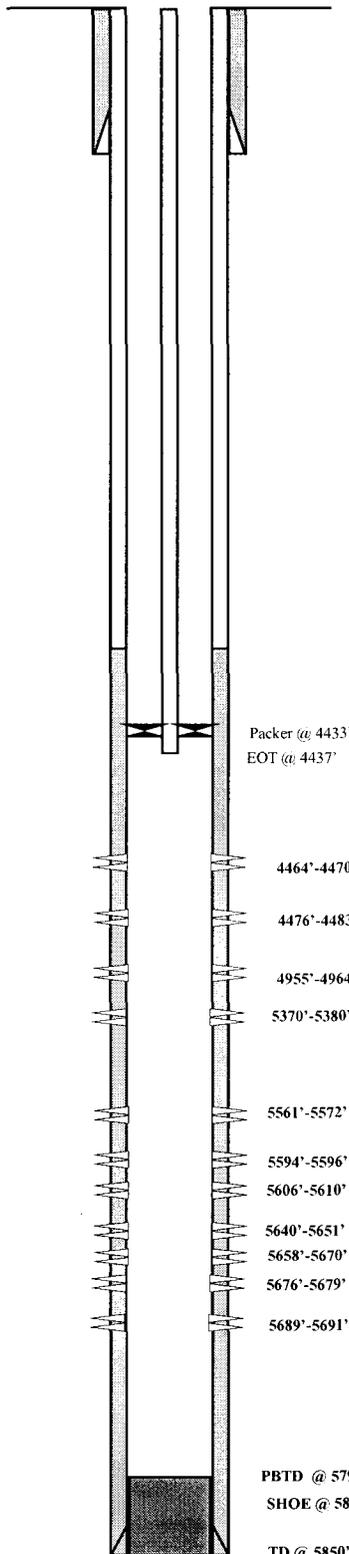
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 17#
 DEPTH LANDED: 5850'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sxs 50-50 Poz
 CEMENT TOP: 3504' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, J-55
 NO. OF JOINTS: 139 jts. (4414.19')
 SEATING NIPPLE: 1.10'
 SN LANDED AT: 4428.69' KB
 TOTAL STRING LENGTH: EOT @ 4437.24' w/ 14.5' KB

Injection Wellbore Diagram



FRAC JOBS

3/06/87	5561'-5691'	Frac w/152,000# 20/40 sd in 32,700 gal frac. Avg rate 30 bpm. Avg press 2610. ISIP 3750 psi.
4/28/87	5370'-5380'	Frac w/64,000# 20/40 sd in 17,000 gal frac. Well screened off. left 2500 gal 8# per gal in csg. Avg press 2100, avg rate 21 bpm.
4/29/87	4955'-4964'	Frac w/64,000# 20/40 sd in 17,000 gal frac. Avg. press 2100, avg rate 20 bpm.
RECOMPLETION		
05/13/00	5561'-5691'	Re-frac LDC Sands as follows: 75,937# of 20/40 sand in 527 bbls Viking I-25 frac gel. Treated at avg pres of 7400 psi with average rate of 24 BPM. ISIP 3610 psi.
05/16/00	5370'-5380'	Re-frac A sands as follows: 48,048# 20/40 sand in 300 bbls Viking I-25 fluid. Treated at average press of 7000 psi with average rate of 23.8 BPM. ISIP 2400 psi.
05/16/00	4955'-4964'	Re-frac D sand as follows: 46,500# of 20/40 sand in 363 bbls Viking I-25 fluid. Treated at average press of 2800 psi with average rate of 25.5 BPM. ISIP 3008 psi.
2/12/02		Tubing leak. Update rod and tubing details.
10/12/02	4464'-4483'	Frac GB6 sands as follows: 58,168# 20/40 sand in 462 bbls Viking I-25 fluid. Treated @ avg. pressure of 2132 psi w/ave. rate of 24.3 BPM. ISIP 2320 psi. Calc. flush: 4464 gals. Actual flush: 4284 gals.
3/13/09		Well converted to an Injection well.
3/18/09		MIT completed and submitted.

Note: Ken Allen proposed to perf PB8 4604-28' on 9/15/88. AFE's were returned, but work doesn't seem to have ever been done.

PERFORATION RECORD

3/05/87	5561'-5572'	2 SPF	22 holes
3/05/87	5594'-5596'	2 SPF	4 holes
3/05/87	5606'-5610'	2 SPF	8 holes
3/05/87	5640'-5651'	2 SPF	22 holes
3/05/87	5658'-5670'	2 SPF	24 holes
3/05/87	5676'-5679'	2 SPF	6 holes
3/05/87	5689'-5691'	2 SPF	4 holes
4/28/87	5370'-5380'	4 SPF	40 holes
4/29/87	4955'-4964'	4 SPF	36 holes
10/11/02	4476'-4483'	4 SPF	28 holes
10/11/02	4464'-4470'	4 SPF	24 holes



State #33-32
 2019' FEL & 1978' FSL
 NWSE Section 32-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31185; Lease #ML-21836

PBTD @ 5795'
 SHOE @ 5850'
 TD @ 5850'

Wells Draw #9-32-8-16

Spud Date: 4/06/2000
 Put on Production: 5/09/2000
 GL: 5742' KB: 5752'

IP: 141 BOPD, 320 MCFD, 8 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sxs Class "G" cmt.

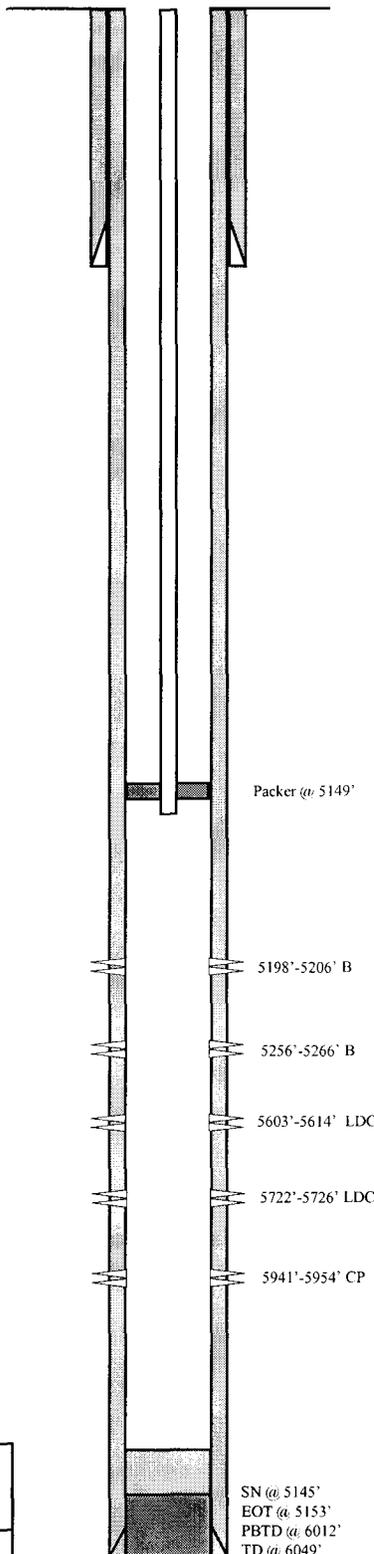
PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 11.6#
 LENGTH: 142 jts. (6037.52')
 DEPTH LANDED: 6035.12'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 160 jts (5135.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5145.50' KB
 PACKER: 5149.60' KB
 TOTAL STRING LENGTH: EOT @ 5153.21' KB

Injection Wellbore Diagram



FRAC JOB

5/04/00	5941'-5954'	Frac CP sand as follows: 74,500# 20/40 sand in 436 bbls Viking I-25 fluid. Treated @ avg pressure of 2950 psi with avg rate of 27.5 BPM. ISIP 2075 psi.
5/04/00	5603'-5726'	Frac LDC sand as follows: 95,500# 20/40 sand in 479 bbls Viking I-25 fluid. Treated @ avg pressure of 3320 psi with avg rate of 32.4 BPM. ISIP 3240 psi.
5/05/00	5198'-5266'	Frac B sand as follows: 74,500# 20/40 sand in 372 bbls Viking I-25 fluid. Treated at avg pressure of 2500 psi @ avg rate of 26 BPM. ISIP 2780 psi.
7/11/02		Hole in tubing. Update rod and tubing details.
8/07/02		Convert to injector.
07/03/07		Five year MIT

PERFORATION RECORD

Date	Depth Range	Perforation Type	Number of Holes
5/04/00	5941'-5954'	4 JSPF	52 holes
5/04/00	5603'-5614'	4 JSPF	44 holes
5/04/00	5722'-5726'	4 JSPF	16 holes
5/05/00	5198'-5206'	4 JSPF	32 holes
5/05/00	5256'-5266'	4 JSPF	40 holes

NEWFIELD

Wells Draw #9-32-8-16
 1977 FSL & 562 FEL
 NE/SE Section 32-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31819; Lease #ML21836

Spud Date: 12/18/89
 Put on Production: 2/23/90
 Put on Injection: 4/19/01
 GL: 5640' KB: 5653'

Federal #23-33B-8-16

Initial Production: 60 BOPD, 0 MCFD
 100 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 JTS (283')
 DEPTH LANDED: 300'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 skx Class "G" cmt, est ? bbls to surface

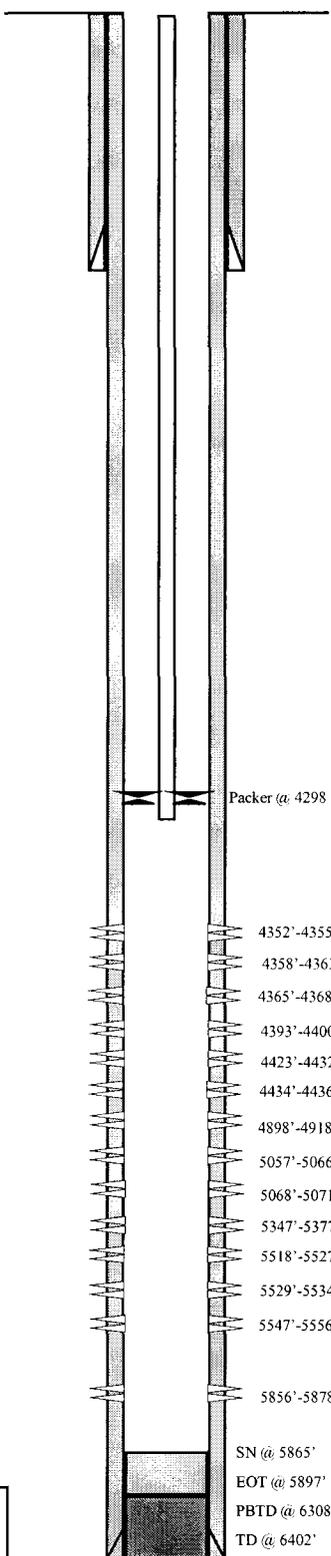
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 151 jts (6402')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sks Hi-Lift & 575 sks 10-0 RFC
 CEMENT TOP AT:
 SET AT: 6402'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 136 jts. (4278.30')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 4289.30'
 TOTAL STRING LENGTH: EOT @ 4297.80'

Injection Wellbore Diagram



FRAC JOB

1-27-90	5856'-5878'	36,000# 20/40 sand, 42,500# 16/30 sand, and 78,500# ttl sd. Avg TP 2100 psi. ISIP-2000 psi, 15 min 1817 psi.
1-30-90	5518'-5556'	36,000# 20/40 sand, 38,000# 16/30 sand and 74,000# ttl sd. Avg TP 3000 psi. ISIP-2985 psi, 15 min 2715 psi.
2-1-90	5347'-5377'	78,000# 20/40 sand, 78,000# 16/30 sand, and 156,000 ttl sd. Avg TP 1900 psi. ISIP-1750 psi, 15 min 1450 psi.
2-3-90	5057'-5071'	21,000# 20/40 SAND, 24,000# 16/30 sand, and 45,000# sd ttl. Screened out 74 bbls into flush. ATP 2200 psi.
2-6-90	4898'-4918	1307 bbls w/ 51,000# 20/40 sand and 51,000# 16/30 sand. BDP 2060 @ 2 BPM. Inc rate to 20 BPM. Press broke @ 3500 psi. Inc rate to 40 BPM @ 2140 psi.
4/12/00	4352'-4436'	469 bbls w/ 87,680# 20/40 sand. ATP 1900 @ 26 BPM. ISIP 2525 psi. Calc. flush: 4352 gal, Actual flush: 4158 gal.
4/18/06		5 Year MIT Completed and Submitted.
7/27/06		Workover - Marrett squeeze treatment
8/9/06		MIT completed and submitted.

PERFORATION RECORD

1-24-90	5856'-5878'	4 JSPF	88 holes
1-30-90	5518'-5527'	4 JSPF	36 holes
1-30-90	5529'-5534'	4 JSPF	20 holes
1-30-90	5547'-5556'	4 JSPF	36 holes
1-31-90	5347'-5377'	4 JSPF	120 holes
2-2-90	5057'-5066'	4 JSPF	36 holes
2-2-90	5068'-5071'	4 JSPF	12 holes
2-4-90	4898'-4918'	4 JSPF	80 holes
4/11/00	4352'-4355'	2 JSPF	06 holes
4/11/00	4358'-4363'	2 JSPF	10 holes
4/11/00	4365'-4368'	2 JSPF	06 holes
4/11/00	4393'-4400'	2 JSPF	14 holes
4/11/00	4423'-4432'	2 JSPF	18 holes
4/11/00	4434'-4436'	2 JSPF	04 holes

NEWFIELD

Federal #23-33B-8-16
 1653 FSL & 1888 FWL
 NESW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31251; Lease #U-49092

Wells Draw Federal Q-33-8-16

Spud Date: 5/20/08
 Put on Production: 6/27/2008
 GL: 5713' KB: 5725'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts
 DEPTH LANDED: 305.28'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx class 'G' cmt

PRODUCTION CASING

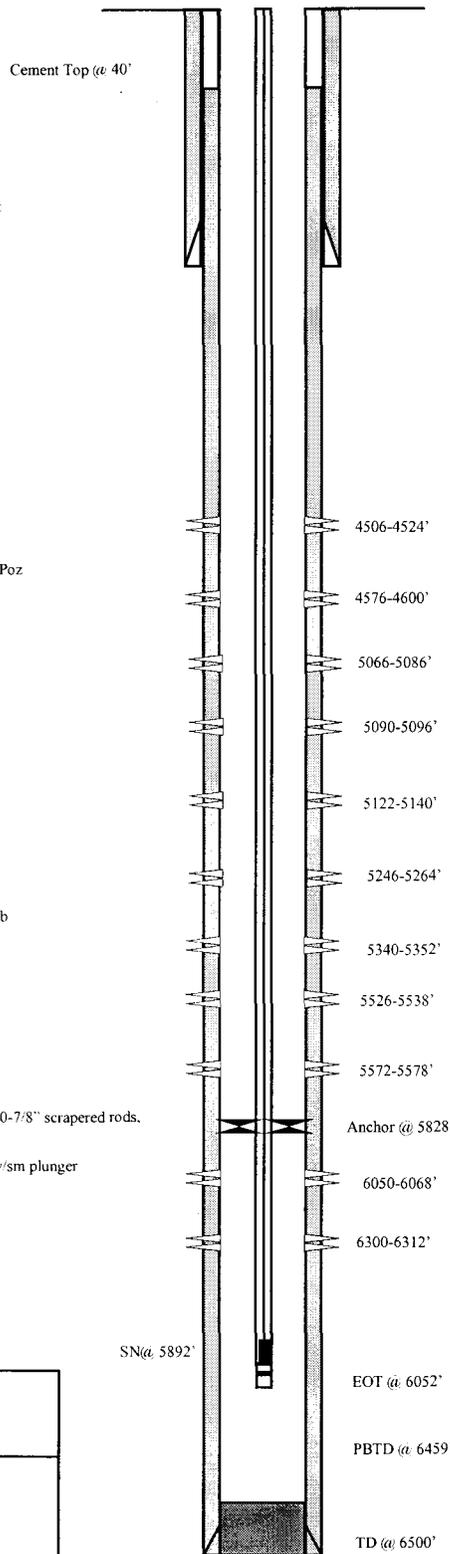
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 160 jts
 DEPTH LANDED: 6500'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sx Premlite II and 450 sx 50/50 Poz

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 189jts
 TUBING ANCHOR: 5827.93'
 NO. OF JOINTS: 2jts (61.40')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5892.13'
 NO. OF JOINTS: 4jts
 TOTAL STRING LENGTH: EOT @ 6052.47' w/ 12' kb

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods
 SUCKER RODS: 1-8", 1-4" & 1-2" x 7/8" pony rods, 230-7/8" scraped rods, 4-1 1/2" weight rods, 21k shear cplg.
 PUMP SIZE: CDI 2-1/2" x 1-3/4" x 20" RHAC pump w/sm plunger
 STROKE LENGTH: 144"
 PUMP SPEED, SPM: 5



FRAC JOB

6/23/08	6300-6312'	Frac CP5 sds as follows: Frac w/ 39,852# 20/40 sand in 436 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2239 psi @ ave rate of 23.1 BPM. ISIP 2497 psi. Actual flush: 5796 gals.
6/23/08	6050-6068'	Frac CP2 sds as follows: Frac w/ 95,195# 20/40 sand in 747 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1862 psi @ ave rate of 23.1 BPM. ISIP 2181 psi. Actual flush: 5552 gals.
6/23/08	5526-5538'	Frac A1 & A3 sds as follows: Frac w/ 100,414# 20/40 sand in 756 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1904 psi @ ave rate of 23.1 BPM. ISIP 2131 psi. Actual flush: 5036 gals.
6/23/08	5340-5352'	Frac B1 sds as follows: Frac w/ 28,958# 20/40 sand in 398 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2014 psi @ ave rate of BPM. ISIP 1995 psi. Actual flush: 4838 gals.
6/23/08	5246-5264'	Frac C sds as follows: Frac w/ 79,993# 20/40 sand in 631 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2093 psi @ ave rate of 23.1 BPM. ISIP 2266 psi. Actual flush: 4733 gals.
6/23/08	5066-5086'	Frac D1 & D2 sds as follows: Frac w/ 219,703# 20/40 sand in 1489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2076 psi @ ave rate of 24.9 BPM. ISIP 2307 psi. Actual flush: 4561 gals.
6/23/08	4576-4600'	Frac GB6 sds as follows: Frac w/ 139,638# 20/40 sand in 1000 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1874 psi @ ave rate of 23.5 BPM. ISIP 2200 psi. Actual flush: 4066 gals.
6/23/08	4506-4524'	Frac GB2 sds as follows: Frac w/ 65,170# 20/40 sand (34,830#'s short) in 610 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2431 psi @ ave rate of 23.1 BPM. ISIP 2583 psi. Actual flush: 4502 gals.

PERFORATION RECORD

4506-4524'	4 JSPF	72 holes
4576-4600'	4 JSPF	96 holes
5066-5086'	4 JSPF	72 holes
5090-5096'	4 JSPF	24 holes
5122-5140'	4 JSPF	72 holes
5246-5264'	4 JSPF	72 holes
5340-5352'	4 JSPF	48 holes
5526-5538'	4 JSPF	48 holes
5572-5578'	4 JSPF	24 holes
6050-6068'	4 JSPF	72 holes
6300-6312'	4 JSPF	48 holes

NEWFIELD

Wells Draw Fed. Q-33-8-16

346' FSL & 2122' FWL

SE/SW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-33751; Lease # UTU-49092

Federal #14-33B

Spud Date: 6-7-89
 Put on Production: 9-6-89
 GL: 5651' KB: 5663'

Initial Production: 300 BOPD, 200 MCFD
 92 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: ?
 DEPTH LANDED: 300'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 225 skx Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55, N-80
 WEIGHT: 17#
 LENGTH: ?
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 521 sks Hi-Lift & 502 Class "G"
 CEMENT TOP AT: 700'
 SET AT: 6398'

TUBING

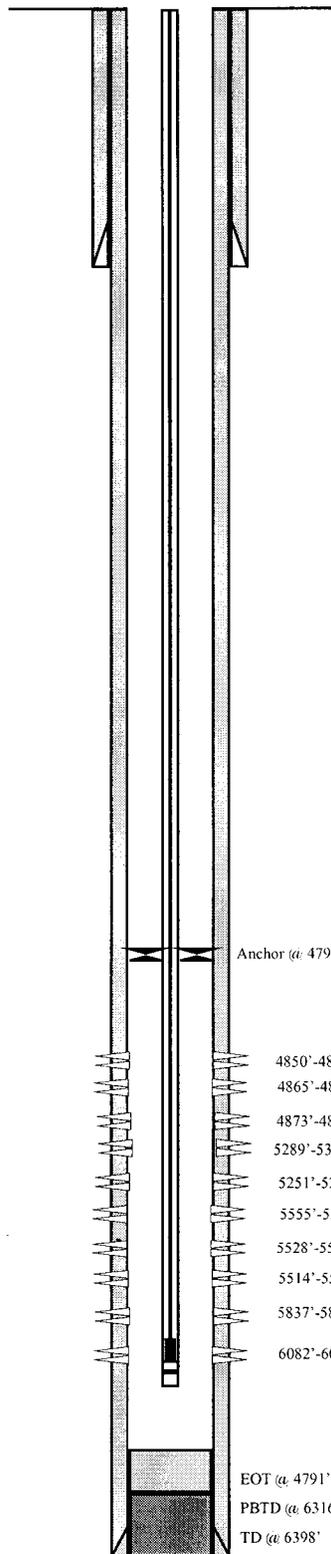
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: ? jts
 TUBING ANCHOR: 4791'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: ?
 SN LANDED AT: ?

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: DLL-Micro, CDL-DSN, CBL-Variable Density

FRAC JOB

7-31-89	6082'-6088'	35,750# 20/40 sand, 21,450# 16/30 sand, 719 bbls.
8-1-89	5837'-5850'	42,250# 20/40 sand, 25,350# 16/30 sand, 761 bbls. Avg rate of 37 BPM. ISIP-2000 psi, 15 min 1770 psi.
8-4-89	5514'-5562'	81,250# sand, 48,750# 16/30 sand, 1462 gals. Avg rate of 45 BPM. ISIP-2400 psi, 15 min 2250 psi.
8-10-89	5251'-5304'	65,000# 20/40 sand, 35,000# 16/30 sand, and 1175 bbls. Avg rate of 45 BPM w/avg press of 2400 psi. ISIP-2200 psi, 15 min 1850 psi.
8-13-89	4850'-4879'	48,750# 20/40 sand, 21,250# 16/30 sand, 862 bbls. ISIP-2400 psi., 15 min 1500 psi. Avg rate of 42 BPM.



Anchor @ 4791'

- 4850'-4879' D1
- 4865'-4868' D1
- 4873'-4879' D1
- 5289'-5304' A1
- 5251'-5266' A .5
- 5555'-5562' LODC
- 5528'-5552' LODC
- 5514'-5518' LODC
- 5837'-5850' CP2
- 6082'-6088' CP5

PERFORATION RECORD

7-30-89	6082'-6088'	4 JSPF	24 holes
8-1-88	5837'-5850'	4 JSPF	52 holes
8-3-88	5514'-5518'	4 JSPF	16 holes
8-3-88	5528'-5552'	4 JSPF	96 holes
8-3-88	5555'-5562'	4 JSPF	28 holes
8-8-88	5251'-5266'	4 JSPF	60 holes
8-8-88	5289'-5304'	4 JSPF	60 holes
8-13-88	4850'-4862'	4 JSPF	48 holes
8-13-88	4865'-4868'	4 JSPF	12 holes
8-13-88	4873'-4879'	4 JSPF	24 holes

EOT @ 4791'
 PBD @ 6316'
 TD @ 6398'



Federal #14-33B
 500 FWL 600 FSL
 SWSW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31229; Lease #U-49092

Federal #24-33B-8-16

Spud Date: 8-15-88
 Put on Production: 10-9-88
 GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: L-80, N-80
 WEIGHT: 47#, 53.5#
 LENGTH: 7 JTS (295.8')
 DEPTH LANDED: 310'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 skx Class "G" cmt, est 2 bbls to surface

PRODUCTION CASING

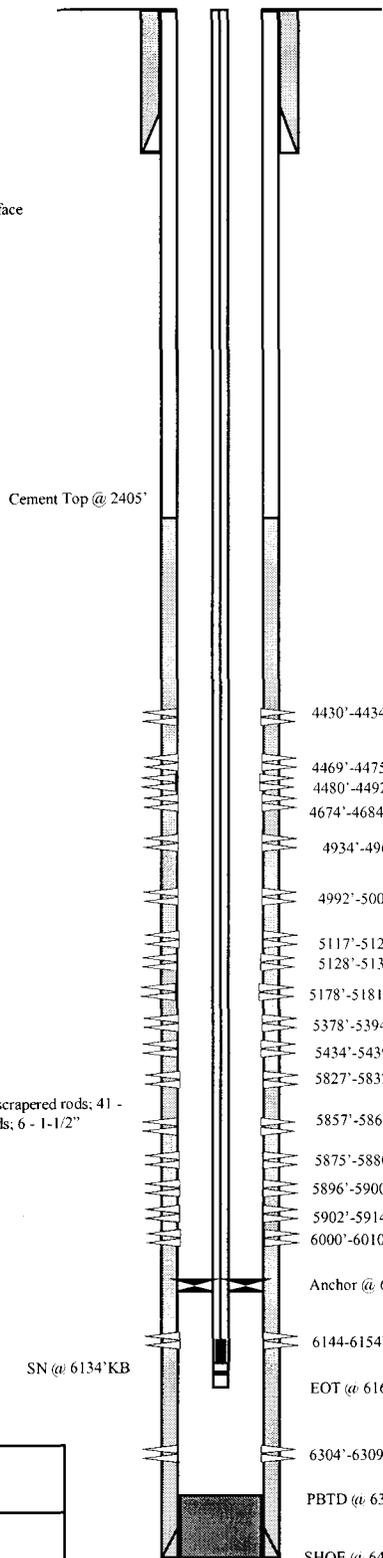
CSG SIZE: 5-1/2" / 17# / K-55
 LENGTH: 5564'
 CSG SIZE: 5-1/2" / 17# / N-80
 LENGTH: 5564' - 6410'
 SET AT: 6410'KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
 CEMENT TOP AT: 2405'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 194 jts (6084.95') KB
 TUBING ANCHOR: 6099.95'KB
 NO. OF JOINTS: 1 jt (31.37') KB
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 6134.07' KB
 NO. OF JOINTS: 1 jt (31.85') KB
 TOTAL STRING LENGTH: EOT @ 6167.42' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
 SUCKER RODS: 1-2", 1-4", 2-8" x 7/8" pony rods; 68 - 7/8" scraped rods; 41 - 7/8" mixed rods; 118 - 3/4" plain rods; 10 - 3/4" scraped rods; 6 - 1-1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
 STROKE LENGTH: 82"
 PUMP SPEED, SPM: 7 SPM



FRAC JOB

9-17-88	6304'-6309'	60,000# 20/40 sand in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.
9-21-88	6144'-6154'	50,000# 20/40 sand in 692 bbl frac fluid. Avg. treating press. 2400 psi @ 35 BPM. ISIP 2000 psi. Calc. flush: 6144 gal. Actual flush 5964 gal.
9-23-88	5896'-5914'	66,500# 20/40 sand in 590 bbl frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP 3800 psi. Calc. flush: 5896 gal. Actual flush 5544 gal.
9-27-88	5378'-5394'	38,500# 20/40 sand + 28,000# 16/30 sand in 786 bbls. frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP-1600 psi. Calc. flush: 5378 gal. Actual flush 5208 gal.
9-29-88	4934'-5004'	192,000# 20/40 sand in 1649 bbls. frac fluid. Avg. treating press. 2000 psi @ 50 BPM. ISIP-1800 psi. Calc. flush: 4934 gal. Actual flush 4788 gal.
2-17-03	6000'-6010'	Frac CP3 sands as follows: 22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.
2-18-03	5827'-5880'	Frac CP.5 and CP1 sands as follows: 50,132# 20/40 sand in 436 bbls. YF 125 fluid. Treated @ avg. pressure of 4007 psi w/avg. rate of 16.5 BPM. ISIP-2650 psi. Calc. flush: 1470 gal. Actual flush: 1405 gal.
2-18-03	5434'-5439'	Frac A3 sands as follows: 6,942# 20/40 sand in 115 bbls. YF 125 fluid. Treated @ avg. pressure of 4557 psi w/avg. rate of 15.4 BPM. ISIP-N/A. Frac communicated to upper perf.
2-18-03	5378'-5439'	Frac existing A2 and new A3 sands as follows: 14,438# 20/40 sand in 153 bbls. YF 125 fluid. Treated @ avg. pressure of 3277 psi w/avg. rate of 15.6 BPM. ISIP-1878 psi. Calc. flush: 1413 gal. Actual flush: 1302 gal.
2-18-03	5117'-5181'	Frac B.5 and C sands as follows: 27,895# 20/40 sand in 252 bbls. YF 125 fluid. Treated @ avg. pressure of 3075 psi w/avg. rate of 16 BPM. ISIP-NA. Tubing rupture.
2-26-03	4430'-4684'	Frac GB and PB sands as follows: 60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.
2/03/04		Pump change.
02/17/06		Pump Change. Update rod and tubing detail
05/10/06		PERFORATION RECORD Pump Change. Update rod and tubing detail.
		9-15-88 6304'-6309' 4 JSFP 20 holes
		9-20-88 6144'-6154' 4 JSFP 40 holes
		9-22-88 5896'-5900' 4 JSFP 16 holes
		9-22-88 5902'-5914' 4 JSFP 48 holes
		9-24-88 5378'-5394' 4 JSFP 64 holes
		9-28-88 4992'-5004' 4 JSFP 48 holes
		9-28-88 4934'-4964' 4 JSFP 120 holes
		2-17-03 6000'-6010' 4 JSFP 40 holes
		2-17-03 5875'-5880' 4 JSFP 20 holes
		2-17-03 5857'-5860' 4 JSFP 12 holes
		2-17-03 5827'-5832' 4 JSFP 20 holes
		2-17-03 5434'-5439' 4 JSFP 20 holes
		2-17-03 5178'-5181' 4 JSFP 12 holes
		2-17-03 5128'-5132' 4 JSFP 16 holes
		2-17-03 5117'-5124' 4 JSFP 28 holes
		2-17-03 4674'-4684' 4 JSFP 40 holes
		2-17-03 4480'-4492' 4 JSFP 48 holes
		2-17-03 4469'-4475' 4 JSFP 24 holes
		2-17-03 4430'-4434' 4 JSFP 16 holes

NEWFIELD

Federal #24-33B-8-16
 2103 FWL & 330 FSL
 SE/SW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31214; Lease #UTU-49092

Wells Draw Federal X-33-8-16

Spud Date: 12/04/07
Put on Production: 02/18/2008

Initial Production: BOPD,
MCFD, BWPD

GL: 5749' KB: 5761'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305.01')
DEPTH LANDED: 316.86' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt. est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (6474.61')
DEPTH LANDED: 6487.86' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 196 jts (6155.92')
TUBING ANCHOR: 6167.92' KB
NO. OF JOINTS: 2 jts (62.83')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6233.55' KB
NO. OF JOINTS: 2 jts (62.83')
TOTAL STRING LENGTH: EOT @ 6297.93' KB

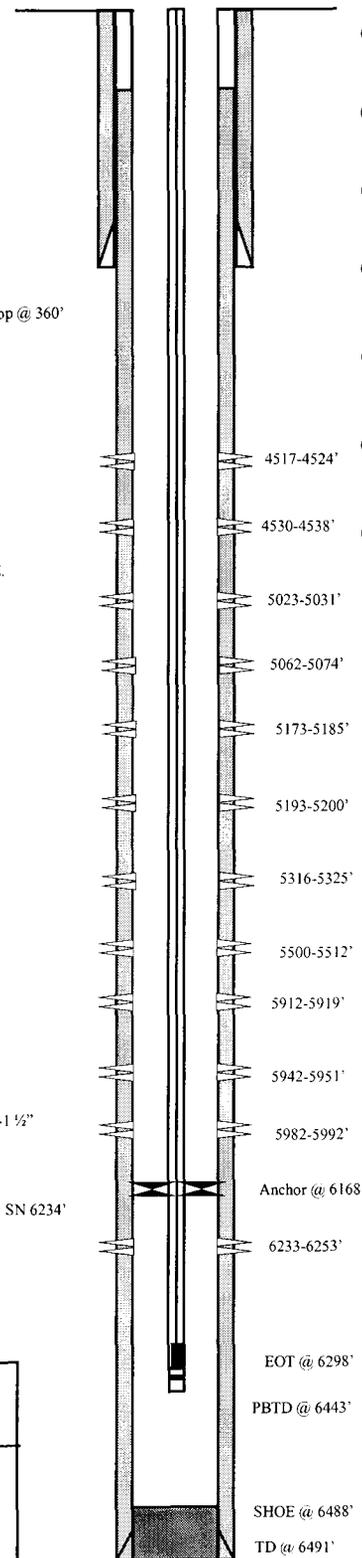
SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 8, 4', 2, X 7/8" pony rods, 244-7/8" guided rods, 4-1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-3/4" x 16' X 20' RHAC
STROKE LENGTH: 122"
PUMP SPEED: 6 SPM:

FRAC JOB

02/06/08	6233-6253'	Frac CP5 sands as follows: 15006# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 2336 psi w/avg rate of 23.4 BPM. ISIP 2279 psi.
02/07/08	5912-5992'	Frac CP.S, CP1, & CP2 sands as follows: 45382# 20/40 sand in 586 bbl Lightning 17 frac fluid. Treated @ avg press of 2186 psi w/avg rate of 23.1 BPM. ISIP 2070 psi.
02/07/08	5500-5512'	Frac A3 sands as follows: 70358# 20/40 sand in 592 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 23.1 BPM. ISIP 2133 psi.
02/07/08	5316-5325'	Frac B2 sands as follows: 45093# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 2141 psi w/avg rate of 23.1 BPM. ISIP 2327 psi.
02/07/08	5173-5200'	Frac C sands as follows: 49946# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 2217 psi w/avg rate of 23.3 BPM. ISIP 2164 psi.
02/08/08	5023-5074'	Frac D1 & D2 sands as follows: 110606# 20/40 sand in 807 bbls Lightning 17 frac fluid. Treated @ avg press of 2197 psi w/avg rate of 23.3 BPM. ISIP 2338 psi.
02/08/08	4517-4538'	Frac GB6 sands as follows: 44756# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 23.5 BPM. ISIP 2075 psi.

Cement Top @ 360'



PERFORATION RECORD

6247-6253'	4 JSPF	24 holes
6233-6240'	4 JSPF	28 holes
5982-5992'	4 JSPF	40 holes
5942-5951'	4 JSPF	36 holes
5912-5919'	4 JSPF	28 holes
5500-5512'	4 JSPF	48 holes
5316-5325'	4 JSPF	36 holes
5193-5200'	4 JSPF	28 holes
5173-5185'	4 JSPF	48 holes
5062-5074'	4 JSPF	48 holes
5023-5031'	4 JSPF	32 holes
4530-4538'	4 JSPF	32 holes
4517-4524'	4 JSPF	28 holes

NEWFIELD

Wells Draw Fed. X-33-8-16

669' FNL & 818' FWL
NW/NW Section 4-T9S-R16E
15' FSL & 1310' FWL
NW/NW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-33515; Lease # UTU-49092

Federal #11-4G-9-16

Spud Date: 12/21/89
 Put on Production: 3/21/90
 GL: 5750' KB: 5761'

Initial Production: 78 BOPD, 0 MCFD
 130 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 JTS
 DEPTH LANDED: 296'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 Class "G" cmt, est ? bbls to surface

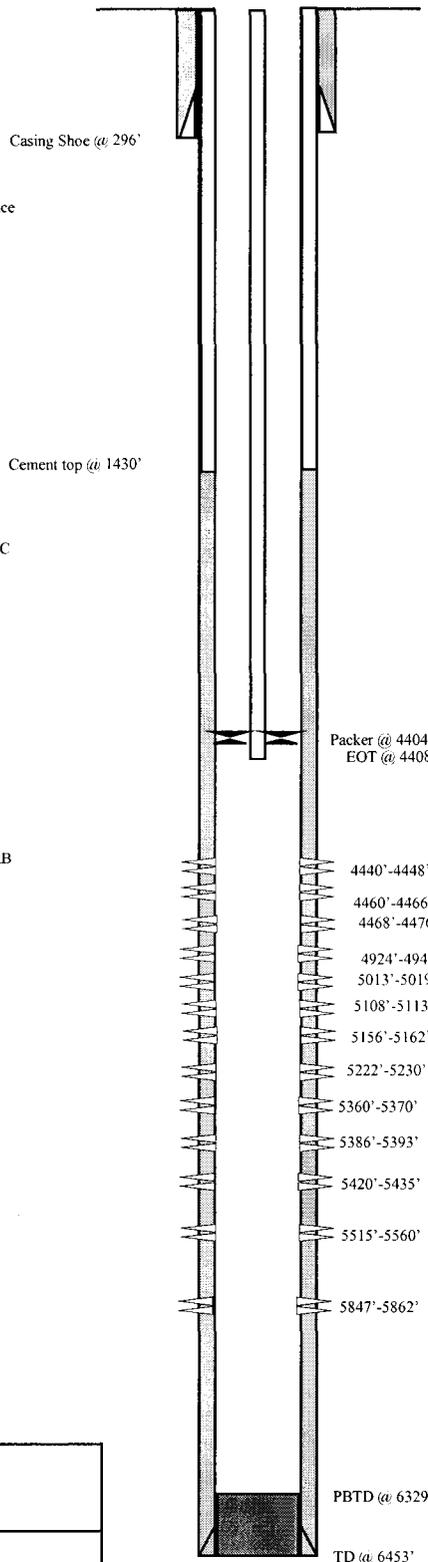
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 151 jts
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 317 sks Hi-Lift & 595 sks 10-0 RFC
 CEMENT TOP AT: 1430'
 SET AT: 6453'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 140 jts (4386.96')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4399.96'
 TOTAL STRING LENGTH: EOT @ 4408.46' w/13' KB

Injection Wellbore Diagram



FRAC JOB

2-15-90	5847'-5862'	35,000# 20/40 sand, 53,000# 16/30 sand, and 88,000# ttl sd. Avg TP 2300 psi. ISIP-2330 psi.
2-17-90	5515'-5560'	Screened out w/42,000# 20/40 in formation. Job scheduled from 180,000#, cannot maintain rate. Avg TP 3700 psi. ISIP-2700 psi, 15 min 1870 psi.
2-21-90	5360'-5435'	70,000# 20/40 sand, 68,000# 16/30 sand, and 138,000 sd ttl. Avg TP 2600 psi. ISIP-1800 psi, 15 min 940 psi.
2-24-90	5222'-5019'	41,000# 16/30 sand. Avg TP 2900 psi, 15 min 1150 psi.
2-27-90	4924'-4946'	48,000# 20/40 sand. Sand master broke down & couldn't pump 16/30 sand. Avg TP 2550 psi. ISIP-1770 psi, 15 min 1500 psi.
2-05-03	5156'-5162'	Frac B.5 sands as follows: 20,307# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg. pressure of 3953 psi w/avg. rate of 14.5 BPM. ISIP - 2695 psi. Calc. flush: 1307 gal. Actual flush: 1218 gal.
2-05-03	4440'-4476'	Frac GB6 sands as follows: 74,499# 20/40 sand in 564 bbls Viking I-25 fluid. Treated @ avg. pressure of 2176 psi w/avg. rate of 24.6 BPM. ISIP - 2240 psi. Calc. flush: 4440 gal. Actual flush: 4242 gal.
02-20-06		Pump Change: Updated rod and tubing detail
12/12/08		Well converted to an Injection well.
12/23/08		MIT completed and submitted.

PERFORATION RECORD

2-13-90	5847'-5862'	4 JSPF	60 holes
2-16-90	5515'-5560'	4 JSPF	180 holes
2-20-90	5360'-5370'	4 JSPF	40 holes
2-20-90	5386'-5393'	4 JSPF	28 holes
2-20-90	5420'-5435'	4 JSPF	60 holes
2-22-90	5222'-5230'	4 JSPF	32 holes
2-22-90	5108'-5113'	4 JSPF	20 holes
2-22-90	5013'-5019'	4 JSPF	24 holes
2-26-90	4924'-4946'	4 JSPF	88 holes
2-04-03	5156'-5162'	4 JSPF	24 holes
2-04-03	4468'-4476'	4 JSPF	32 holes
2-04-03	4460'-4466'	4 JSPF	24 holes
2-04-03	4440'-4448'	4 JSPF	32 holes

NEWFIELD

Federal #11-4G-9-16
 800 FWL & 660 FNL
 NWNW Section 4-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31250; Lease #U-30096


Multi-Chem Group, LLC

 Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078

multi-chem

Water Analysis Report
Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-19586**Well Name: **Fed 13-33B-8-16**Sample Point: **Tank**Sample Date: **1 /9 /2009**Sales Rep: **Randy Huber**Lab Tech: **Peter Poulsen**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/15/2009	Cations		Anions	
Temperature (°F):	160	Calcium (Ca):	60.00	Chloride (Cl):	7500.00
Sample Pressure (psig):	0	Magnesium (Mg):	12.20	Sulfate (SO ₄):	1701.00
Specific Gravity (g/cm ³):	1.0076	Barium (Ba):	1.00	Dissolved CO ₂ :	-
pH:	9	Strontium (Sr):	-	Bicarbonate (HCO ₃):	1317.00
Turbidity (NTU):	-	Sodium (Na):	6038.00	Carbonate (CO ₃):	-
		Potassium (K):	-	H ₂ S:	-
Calculated T.D.S. (mg/L)	16639	Iron (Fe):	5.00	Phosphate (PO ₄):	-
Molar Conductivity (µS/cm):	25211	Manganese (Mn):	5.10	Silica (SiO ₂):	-
Resitivity (Mohm):	0.3967	Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO ₃):	-
		Ammonia NH ₃ :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
160	0	36.33	83.62	0.06	-1346.10	0.06	-1226.10	-	-	9.06	1.51	0.02
80	0	30.57	90.92	0.04	19.87	0.03	-2245.70	-	-	43.63	1.66	0.01
100	0	35.75	88.45	0.04	20.46	0.03	-2081.80	-	-	28.57	1.64	0.01
120	0	38.28	86.30	0.05	20.36	0.03	-1831.60	-	-	19.13	1.61	0.02
140	0	38.38	84.98	0.05	19.91	0.04	-1534.90	-	-	13.06	1.57	0.02
160	0	36.33	83.62	0.06	19.15	0.06	-1226.10	-	-	9.06	1.51	0.02
180	0	32.84	79.20	0.07	18.00	0.08	-931.80	-	-	6.38	1.43	0.02
200	0	28.65	68.40	0.08	16.40	0.12	-669.26	-	-	4.54	1.32	0.02
220	2.51	24.20	55.63	0.09	14.44	0.19	-457.99	-	-	3.19	1.16	0.02
240	10.3	20.19	43.75	0.09	11.93	0.29	-278.99	-	-	2.31	0.96	0.02
260	20.76	16.62	34.25	0.10	9.18	0.46	-142.56	-	-	1.68	0.68	0.02
280	34.54	13.51	26.87	0.10	6.45	0.75	-43.99	-	-	1.23	0.31	0.02
300	52.34	10.87	21.22	0.11	3.97	1.21	23.30	-	-	0.90	-0.18	0.02

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F
 Gypsum Scaling Index is negative from 80°F to 300°F
 Calcium Sulfate scale is indicated. See graph for appropriate temperature ranges.
 Strontium Sulfate scaling was not evaluated
 Barium Sulfate NO CONCLUSION

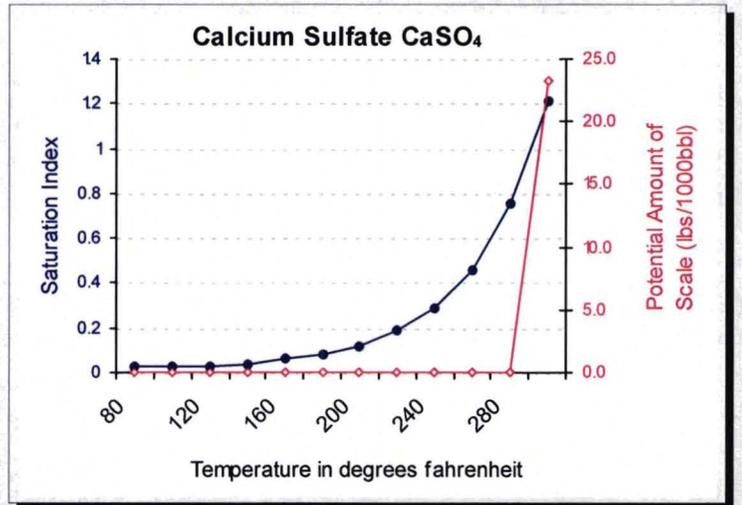
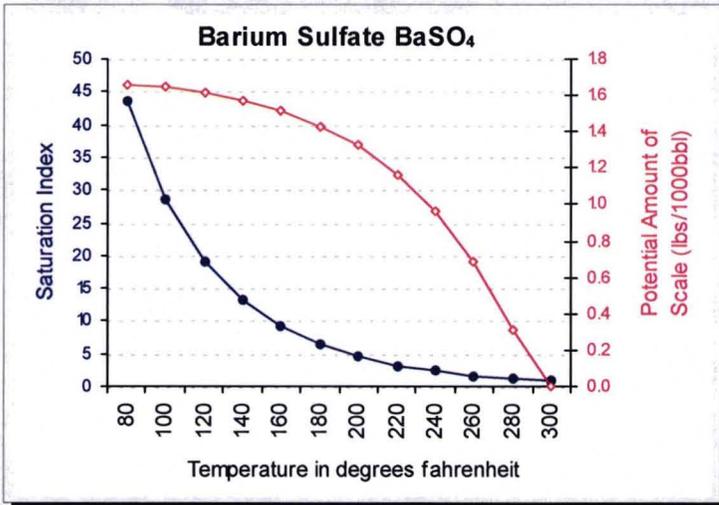
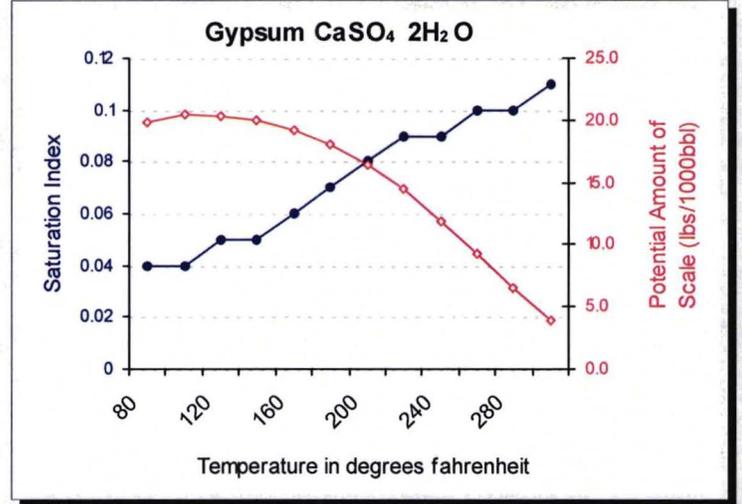
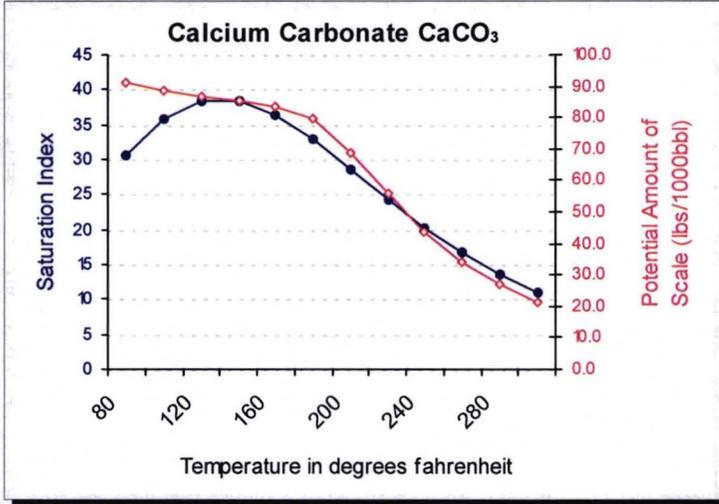
Notes:

Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Scale Prediction Graphs

Well Name: Fed 13-33B-8-16

Sample ID: WA-19586



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem

Water Analysis ReportProduction Company: **NEWFIELD PRODUCTION**Sample ID: **WA-19260**Well Name: **Mon Butte Injection**Sample Point: **Triplex Suction**Sample Date: **1 /6 /2009**Sales Rep: **Randy Huber**Lab Tech: **Mike Chapman**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/7/2009	Cations	mg/L	Anions	mg/L
Temperature (°F):	80	Calcium (Ca):	120.00	Chloride (Cl):	500.00
Sample Pressure (psig):	0	Magnesium (Mg):	-	Sulfate (SO ₄):	12.00
Specific Gravity (g/cm ³):	1.0000	Barium (Ba):	206.00	Dissolved CO ₂ :	-
pH:	7.1	Strontium (Sr):	-	Bicarbonate (HCO ₃):	634.00
Turbidity (NTU):	-	Sodium (Na):	355.72	Carbonate (CO ₃):	-
		Potassium (K):	-	H ₂ S:	-
		Iron (Fe):	3.00	Phosphate (PO ₄):	-
		Manganese (Mn):	0.20	Silica (SiO ₂):	-
Calculated T.D.S. (mg/L):	1831	Lithium (Li):	-	Fluoride (F):	-
Molar Conductivity (µS/cm):	2774	Aluminum (Al):	-	Nitrate (NO ₃):	-
Resistivity (Mohm):	3.6049	Ammonia NH ₃ :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
80	0	1.61	0.31	0.00	-1252.30	0.00	-1459.70	-	-	258.58	24.59	1.48
80	0	1.61	0.31	0.00	-14.07	0.00	-1459.70	-	-	258.58	24.59	0.64
100	0	2.23	0.55	0.00	-11.68	0.00	-1354.10	-	-	174.02	24.35	0.80
120	0	2.88	0.75	0.00	-9.81	0.00	-1205.80	-	-	120.29	24.16	0.90
140	0	3.60	0.95	0.00	-8.32	0.00	-1036.00	-	-	85.13	23.99	1.02
160	0	4.34	1.14	0.00	-7.11	0.00	-862.65	-	-	61.59	23.85	1.16
180	0	5.09	1.32	0.00	-6.12	0.01	-698.06	-	-	45.41	23.72	1.28
200	0	5.79	1.49	0.01	-5.30	0.01	-550.22	-	-	34.05	23.60	1.31
220	2.51	6.40	1.65	0.01	-4.66	0.01	-425.85	-	-	25.63	23.47	1.33
240	10.3	6.95	1.79	0.01	-4.09	0.02	-319.21	-	-	19.73	23.26	1.37
260	20.76	7.40	1.91	0.01	-3.62	0.03	-232.59	-	-	15.35	22.98	1.40
280	34.54	7.74	1.99	0.01	-3.23	0.04	-163.93	-	-	12.05	22.61	1.44
300	52.34	7.95	2.02	0.01	-2.92	0.07	-110.69	-	-	9.54	22.10	1.48

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

Notes:

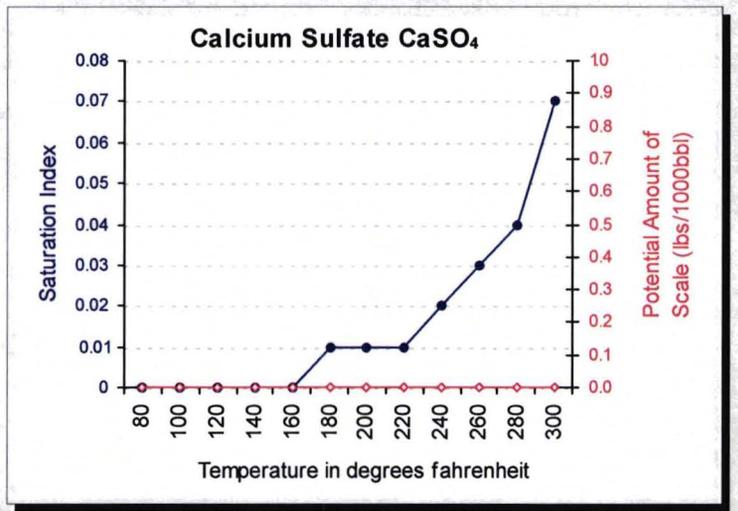
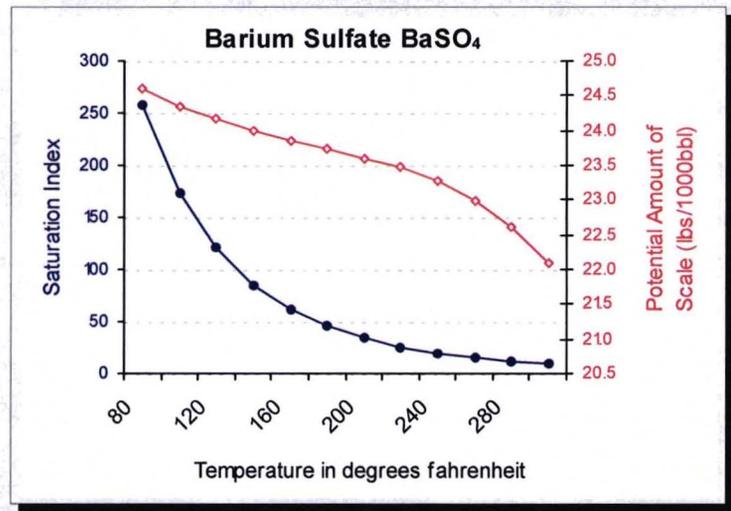
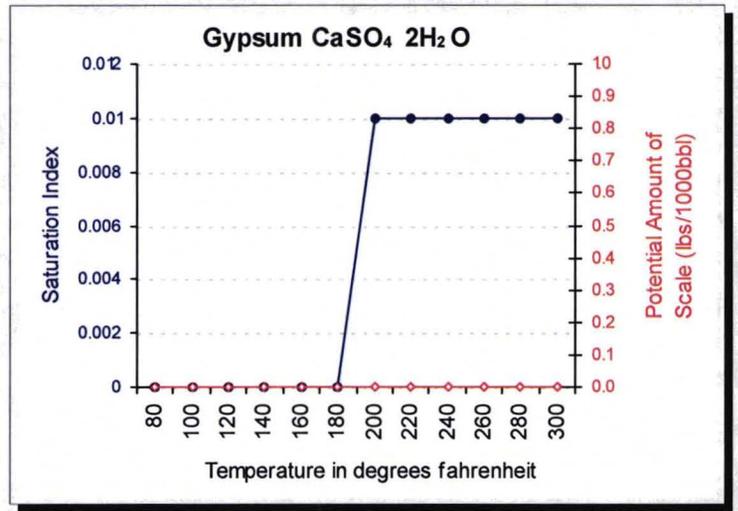
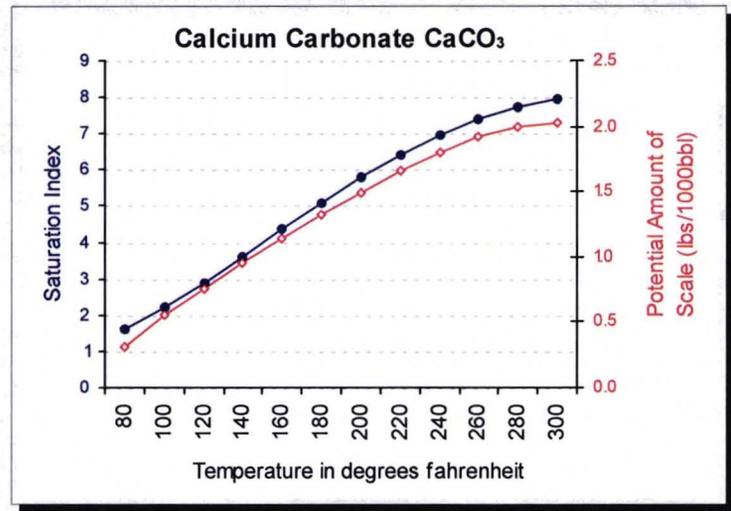


Multi-Chem Group, LLC
 Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078

Scale Prediction Graphs

Well Name: **Mon Butte Injection**

Sample ID: **WA-19260**



Attachment "G"

**Federal #13-33B-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4482	4488	4485	2122	0.91	2093 ←
4743	4750	4747	2245	0.91	2214
5572	5597	5585	3400	1.04	3364
6122	6184	6153	2349	0.82	2309
				Minimum	<u><u>2093</u></u>

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

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

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

WELL HISTORY

Pleasant Valley #13-33B
 Pleasant Valley
 Duchesne Co., UT

- 06-23-90 Drlg 280', day 1, **SPUDED 12 NOON, 6/22/90.**
- 06-24-90 WOC 306', day 2, Run 7 jts 8 5/8", 24#, K-55, LT&C, Set @ 306', Cmtd 210 sx Class G + 2% CaCl₂ + 1/4#/sx Celloflak.
- 06-25-90 Trp 310', day 3, 4', wtr, Survey 1/2 @ 300'. CC: \$24,633.
- 06-26-90 Drlg 2103', day 4, 1793'/20 hrs., MW 8.3, Visc 27. DC: \$18,013 CC: \$42,646.
- 06-27-90 Drlg 3203', day 5, 1100'/21 hrs., MW 8.3, Visc 27. CC: \$54,704.
- 06-28-90 Trp 3806', day 6, 303'/11 hrs., MW 8.6, Visc 27, Surv 3/4 @ 3225', 1 @ 3806', CC: \$62,084.
- 06-29-90 Drlg 5006', day 7, 1200'/22 1/2 hrs., MW 8.8, Visc 27, Surv 1 3/4 @ 4369', 2 @ 4928', CC: \$76,046.
- 06-30-90 Drlg 6038', day 8, 1032'/23 hrs., MW 8.9, Visc 27, Surv 1 1/2 @ 5429', 1 1/2 @ 5890'.
- 07-01-90 Trp 6400', day 9, 362'/10 1/2 hrs., MW 9.6, Visc 37, WL 9.6, Drld to TD, Circ mud, TOH, Run logs.
- 07-02-90 Circ 6400', day 10, MW 9.4, Visc 34, WL 1.6, TIH, Circ, WO Csg., CC: \$113,258.
- 07-03-90 RD 6384', day 11, MW 9.4, Visc 34, WL 10.6, Run 154 jts 5 1/2", 15 1/2, K-55, LT&C, Set @ 6384', Cmtd 180 sx H Lift followed by 445 sx 10-ORFC, RR 7:00 AM, 7/3/90. **WILL DROP FROM REPORT UNTIL COMPLETION.** CC: \$135,416.
-
- 09-07-90 MIRU Western Well Service Rig #12, Run in w/5 1/2" scraper, SION, DC \$74,215, CC \$74,215.
- 09-08-90 RIH w/tbg. & 5 1/2" csg. scraper to PBTD @ 6,289', Displace w/2% KCL, Cla-Sta & biocide, POH, Run Schlum. CBL from 6,289'-642', Est. TOC @ 970', Tst csg. to 3500 psi, Perf. F(3) 5,925'-5,950', 4 spf 90 deg. 101 ttl. holes, Brk. zone @ 4000 psi, Inject 4 BPM @ 1600 psi, SI for weekend, DC \$8,646, CC \$82,861.

WELL HISTORY

Pleasant Valley #13-33B
 Pleasant Valley
 Duchesne Co., UT

- 09-11-90 Frac F(3) w/Halliburton as designed: 11,000 gals. pad, Ramp 20/40 sd from 1-6 ppg, Ramp 16/30 sd from 6-7 ppg, Ttls: 29,000# 20/40, 43,000# 16/30 & 778 BF, Avg. 30 BPM @ 2000 psi, DC \$28,236, CC \$111,097.
- 09-12-90 20 hr. SICP 1050 psi, Flw well to pit for 2 1/2 hrs., Rec'd 100 bbls. frac fluid, PU retrieving tool & TIH, Tagged sd @ 5,943', Wash clean dn to RBP @ 6,050', Rel. BP, Raise up & set @ 5,570' & tst, Ok, POH, RU ELU & perf. 5,437'-49' & 5,462'-73' w/4" csg. gun, Brk. dn perfs. @ 2400 psi, Avg. rate 4 1/2 BPM @ 1600 psi, SWIFN, CC \$115,443.
- 09-13-90 Frac E (d) w/Halliburton as designed: 17,710 gals. pad, Ramp 20/40 sd from 1-6 ppg, Ramp 16/30 sd from 6-7 ppg, Ttls: 47,000# 20/40 sd, 68,000# 16/30, 1166 bbls. gelled wtr, Avg. 45 BPM @ 1850 psi, Max press. 2300 psi @ 46.5 BPM, DC \$37,474, CC \$152,917.
- 09-14-90 SICP 350 psi, Flwd 20 bbls. in 30", TIH, Clean sd from 5,455' to RBP @ 5,570', Reset RBP @ 5,145' & tst to 3500 psi, TOH, Perf. 4,966'-71', 4,973'-84', 5,017'-28' & 5,036'-45', 4 spf, 90 deg., 148 ttl. holes, Brk. dn perfs:
- | <u>Interval</u> | <u>Breakdown</u> | <u>Injection</u> |
|-----------------|------------------|--------------------|
| 5,107'-45' | 1800 psi | 4 BPM @ 1500 psi |
| 4,966'-84' | 2500 psi | 4.5 BPM @ 1400 psi |
- SION, DC \$5,230, CC \$158,147.
- 09-15-90 ^{Howe} RU Halco & frac DC2 & C4 interval w/81,600# 20/40 sd, Ramped from 1-7 ppg & 101,400# 16/30 sd @ 7#/gal. & 1743 bbls. gel, Avg. rate 57 BPM, Avg. press. 2300 psi, Max rate 61 BPM, Max press. 2790 psi, RD Halco, SWIFN.
- 09-16-90 20 hr. SICP 650 psi, Flw well to pit from 5 hrs. through adj. chk., Rec'd 280 bbls. frac fluid w/good show of oil & gas, PU retr. tool & TIH, Tag sd @ 5,075', Circ clean dn to 5,145', Rel. BP @ POH, PU notched collar, SN & TIH, SD till Monday.
- 09-17-90 No work performed, CC \$213,503.

WELL HISTORY

Pleasant Valley #13-33B
Pleasant Valley
Duchesne Co., UT

- 09-18-90 38 hr. SICP 250 psi, Kill well w/2% KCL, TIH w/tbg. to sd @ 6,249', Circ clean to 6,289', POH, TIH w/tbg., Set TA @ 4,943' w/12,000 psi tension, NU WH, Tbg. Detail: 15.00' KB, 4928.00' 159 jts. 2 7/8", 6.5#, J-55, R-2 EUE tbg., 2.76' TA @ 4,943', 1016.21' 33 jts. 2 7/8", 6.5#, J-55 tbg., 1.08' SN @ 5,962', 30.22' 1 jt. 2 7/8" 45 14670 1 9234 14644 1 9220 14622 1 9194 14592 1 9165 14576 1 9132
- 09-19-90 Flush tbg. w/50 bbls. hot 2% KCL, RIH w/rod string, Check pmp to 1000 psi, RD & rel. rig, Rod Detail: 1 1/2" x 22' polished rod, 1-8' & 1-4' 7/8" pony rods, 91 7/8" scraped rods, 137 3/4" slick rods, 9 sinker bars, 2 1/2" x 1 3/4" x 12' x 16' RHAC pmp, **FINAL REPORT PENDING HOOK-UP & PRODUCTION**, CC \$236,829.
- 10-02-90 Started well pmpg @ 5:00 PM 10/01/90.
- 10-03-90 Made approximately 100 bbls. fluid in 23 hrs.
- 10-04-90 24 hrs., CP 35#, Rec'd 116 BO, 181 BW.
- 10-05-90 29 hrs., Rec'd 102 BO, 70 BW, CP 62#.
- 10-06-90 24 hrs., Rec'd 91 BO, 36 BW, 0 MCF.
- 10-07-90 24 hrs., Rec'd 149 BO, 40 BW, 0 MCF.
- 10-08-90 24 hrs., Rec'd 93 BO, 35 BW, 0 MCF, Gas not yet connected.
- 10-09-90 26 hrs., CP 50#, Rec'd 53 BO, 53 BW.
- 10-10-90 26 hrs., 200# CP, Rec'd 20 MCF, 184 BO, 28 BW.
- 10-11-90 21 hrs., CP 350#, Rec'd 188 MCF, 309 BO, 220 BW.
- 10-12-90 25 hrs., Rec'd 133 MCF, 261 BO, 126 BW.
- 10-13-90 23 hrs., CP 132#, Rec'd 184 MCF, 329 BO, 211 BW.
- 10-14-90 24 hrs., CP 128#, Rec'd 207 MCF, 214 BO, 174 BW.

WELL HISTORY

Attachment G-1
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PV 13-33B

Pleasant Valley Prospect
Duchesne County, Utah
(PG&E Resources Operated)

- 04-01-94 MIRU. Unseat pump, flush tbg & rods with 50 BO & 15 bbl prod wtr at 270°. Hang 1800' 7/8" rods & LD remaining rods with pump. ND wellhead, NU BOP's, release anchor. Stand back 1900' tbg & LD remaining tbg with anchor (had split jt of tbg above anchor 3 jts). PU Miller model C pkr & RBP & RIH with tbg, set RBP at 1900'; press test to 2000 psi (ok). Spot 2 sx sand on RBP, POOH with tbg & retaining tool. SDF weekend.
- 04-05-94 RU WL, RIH with 4" gun, correlate & perf 1758-80' with 4 SPF, 88 holes. POOH with WL & RD. RU Halliburton, pump 3000 gal 15% HCl acid with Cla-Sta & iron seq, perms initial break at 2027 psi, avg 15 BPM, 2200 psi avg press, 3850 psi max press. Run 130 balls during treatment, had very good ball action but didn't completely ball out. Surge balls off perms, wait 15 min & pump into perms with 28 BPM at 1650 psi. SD, ISIP 790 psi. RD Halliburton, open well to rig tank. Well flowed 1.5 hrs, rec'd 40 BW. RIH with notched collar, 1 jt 2-7/8" tbg, SN & 55 jts 2-7/8" tbg, EOT at 1740'. RU & swab well, FL at surf. Made 29 swab runs, rec'd 40 bbl, total 80 bbl from treatment, 104 BLWTR. FFL at 1500', SDFN.
- 04-06-94 130 psi FTP, 100 psi SICP. RU & swab well, IFL at 1100'. Made 31 runs, rec'd 30 BW in 6 hrs, FFL at 1400'. POOH with 2-7/8" tbg, PU retaining tool & RIH with tbg. Circ balls & sand off RBP at 1900', release RBP, move up & reset RBP at 1745'. Test plug to 2000 psi (ok) & spot 1.5 sx sand on plug. POOH with tbg & retaining tool. SDFN.
- 04-07-94 Perf intervals 1704-15', 1688-96', 1668-78' & 1624-42' with 4" csg guns, 4 SPF, 188 holes. Had to fish guns from runs #2 & #4., both guns had severe splits & expansion after being fired. Will acidize above intervals with Halliburton in morning.
- 04-08-94 Acidize & swab test intervals 1624-1715'. Pump 6000 gal 15% HCl acid with Cla-Sta & iron seq & 225 ball sealers, saw very little ball action during treatment. Well was on vac at end of treatment. Swab test well 4 hrs with no fluid rec'y.
- 04-09-94 Make 1 swab run, no fluid entry or rec'y. POOH with 2-7/8" tbg, SN & notched collar. RU Howco & pump 100 sx Thixtropic cmt with 3% Cal-Seal & 12% CaCl. Displace with 30 bbl fresh wtr (cmt falling away), WOC. RU & fill hole with fresh wtr, well on vac. M&P 100 sx Class H cmt with 3% CaCl at 16#/gal, let cmt fall from tbg & displace with 30 bbl fresh wtr. SDFN.

WELL HISTORY

Attachment G-1
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PV 13-33B

Pleasant Valley Prospect
Duchesne County, Utah
(PG&E Resources Operated)

- 04-10-94 Press test sqz job with rig pump to 500 psi (ok). PU 4-3/4" drag bit, 6 3-1/8" DC's & RIH with 2-7/8" tbg, tag cmt at 1091'. Circ & drill out cmt to 1587; (last 90' fairly hard cmt) & circ hole clean. LD power swivel & 7 jts tbg. SD until Monday.
- 04-11-94 Circ & drill out cmt 1587-1716'. Press test to 500 psi, bled to 0 psi in 5 min. Circ balls & sand out to top of RBP at 1745'. POOH with tbg, DC's & drag bit. PU retaining tool & TIH with 2-7/8" tbg. Dust off & release RBP, move & reset RBP at 1903'. Est inj rate, avg 1/4 BPM at 1000 psi. Spot 2 sx sand on RBP. POOH with 2-7/8" tbg & retaining tool. Prep to spot cmt & re-sqz. SDFN.
- 04-12-94 RIH with 2-3/8" tbg & notched collar to 1800'. RU Howco, est inj rate, avg 1/4 BPM at 1000 psi. M&P 50 sx Prem cmt with 2% CaCl₂ as a balance plug. POOH with tbg & notched collar, pump 2 bbl cmt into perms & walk sqz to 1000 psi. Clean & RD Howco, SDFN.
- 04-13-94 RIH with 4-3/4" drag bit, 5-1/2" scraper, 6 3-1/8" DC's & 2-7/8" tbg, tag cmt at 1435'. Circ & drill cmt to 1800', press test sqz to 500 psi (ok). Circ sand out to top of RBP at 1903', POOH with tbg & LD DC's, bit & scraper. RU retaining tool, RIH with 10 jts tbg & SDFN.
- 04-14-94 Fin RIH with tbg & retaining tool. Release RBP, POOH with tbg & RBP, PU 4-3/4" drag bit & 5-1/2" csg scraper. RIH with tbg, tag cmt stringers at 3601', circ & drill out to 3758', fell thru cmt. RIH & tag bridge at 4511'. Drill down & fell out at 4314'. RIH & tag cmt stringers at 4498'. Circ & drill out to 4592', circ out clean. LD 1 jt & SDFN.
- 04-15-94 Circ & drill out cmt 4592-5930', lost approx 200 bbl 3% KCl wtr after drilling thru upper set of perms 4966-5045'. Circ hole clean at 5930', pull above perms, SDFN.
- 04-16-94 Circ & drill out cmt, scale & BS to 6130'. Circ hole clean at 6130' & POOH with tbg, scraper & drag bit. SDF Weekend.

WELL HISTORY

Attachment G-1
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PV 13-33B

Pleasant Valley Prospect
Duchesne County, Utah
(PG&E Resources Operated)

- 04-18-94 RIH with Howco RBP & pkr, isolate each interval. Pump 3% KCl wtr & est inj rates, perfs 4966-84' avg 2.5 BPM at 1800 psi, ISIP 200 psi; perfs 5017-45' avg 2.5 BPM at 1800 psi, ISIP 1000 psi; perfs 5437-73' avg 2.5 BPM at 1800 psi, broke back from 2100 psi, ISIP 1200 psi; perfs 5925-50' avg 2.5 BPM at 1900 psi, ISIP 1200 psi. Release & POOH with tbg & tools. PU NC, 1 jt tbg, SN, 2 jts tbg & anchor & RIH with 189 jts tbg. Install standing valve & press test tbg to 2500 psi every 1000' (ok). RIH with sandline & OS, fish standing valve & POOH. SDFN.
- 04-19-94 ND BOP's, set anchor at 5864' with 14,000 lb tension. NU wellhead, PU new pump & RIH with rod string. Seat pump, press check to 1000 psi (ok). RD rig & support equip, well on prod at 1:00pm. FINAL REPORT.



Daily Workover Report

Wells Draw 13-33-B
NW/SW Sec. 33, 8S, 16E
Duchesne Co., Utah
API #43-013-31277

Spud Date: 6/22/90
TD: 6384'
Workover Rig: Flint #4

3/10/98 PO: Bit & scraper run. PU N-80 tbg & tools. (Day 1)

Summary: 3/9/98 - MIRU Flint #4. Pmp 100 bbls hot production wtr dn csg. PU on rod string - did not see pmp unseat. RU HO Trk to tbg. Pressures up to 800 psi w/no bleed off. TOH w/rod string. Had no pmp - parted pull rod. ND well head. Release TA. NU BOP. TOH & tally production tbg. Try to swab tbg dn. Can't get through thick oil past 1300'. Rev circ w/rig pmp. Rec some oil. Lost 80 BW. Pull tbg & swab dn. Rec total of 17 BTF. EOT @ est 2867'. SIFN w/est 163 BWTR.
DC: \$4,080 TWC: \$4,080

3/11/98 PO: Xylene, Paracheck treatments on CP & A sds. (Day 2)

Summary: 3/10/98 - RU HO Trk & pmp 50 bbl hot production wtr dn csg. Returned est 10 BO f/tbg. Swab tbg dn. TOH w/production string & LD BHA. Rec 15 BTF while swabbing dn. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 192 jts 2-7/8" 8rd 6.5# N-80 tbg, 7 jts J-55 production tbg. Tag PBD @ 6196'. Circ hole clean w/140 bbls production wtr. Lost est 55 BW. TOH w/tbg. LD bit & scraper. PU & TIH w/5-1/2" RBP, pup jt, 5-1/2" RTTS pkr & 112 jts N-80 tbg. EOT @ 3515'. SIFN w/est 203 BWTR.
DC: \$2,166 TWC: \$6,246

3/12/98 PO: Tbg frac C/BiCarb sds. (Day 3)

Summary: 3/11/98 - TP: 0, CP: 0. Con't TIH w/N-80 tbg & tools f/3515'. Set RBP @ 5976'. Set pkr @ 5900'. Swab tbg dn to 5900'. Rec 26 BTF. RU Halliburton & pmp 100 gal Xylene (w/NEA-96), 100 gal Paracheck, 1000 gals 2% KCL wtr (w/NEA-96). Flush to top perf w/34.8 BW. Treated @ ave press of 999 psi w/ave rate of 2.3 BPM. ISIP: 1039 psi, 5 min: 0. Release pkr. TIH & retrieve plug. Reset plug @ 5565'. Set pkr @ 5496'. Fill tbg w/8 BW. Press test plug to 3000 psi. Release pkr & reset @ 5338'. Swab tbg dn to 5300'. Rec 22 BTF. RU Halliburton to tbg & treat A sds w/100 gal Xylene (w/NEA-96), 100 gals Paracheck & 1000 gals 2% KCL wtr (w/NEA-96). Flush to top perf w/33.2 BW. Treated @ ave press of 858 psi w/ave rate of 2.1 BPM. ISIP: 900 psi, 5 min: 402 psi. Bleed off est 1/2 BW. Load wtr for both zones - 129 BW. Release pkr. TIH & retrieve plug. Reset plug @ 5345'. Set pkr @ 5307'. Fill tbg w/7 BW. Press test plug to 3000 psi. Release pkr. TOH w/tbg. LD pkr. RU HLS & perf C/BiCarb sds @ 5140-47' & 5191-5200' w/4 jspf. PU & TIH w/RH, pup jt, new 5-1/2" RTTS pkr & 162 jts N-80 tbg. Set pkr @ 5067'. SIFN w/est 299 BWTR.
DC: \$12,549 TWC: \$18,795

3/13/98 PO: Swab C/BiCarb sds. Isolate D sds (Xylene, Paracheck). (Day 4)

Summary: 3/12/98 - TP: 0, CP: 0. IFL @ 1000'. FFL @ 5000'. Rec 23 BTF. Fill csg w/30 BW. RU Halliburton to tbg & frac C/BiCarb sds w/118,300# 20/40 sd in 508 bbls Delta Frac. Perfs broke dn @ 3960 psi. Treated @ ave sfc press of 6700 psi w/ave rate of 27 BPM. ISIP: 2345 psi, 5 min: 1875 psi. Flowback on 12/64 choke for 1-1/2 hrs & died. Rec 19 BTF (est 4% of load). SIFN w/est 795 BWTR.
DC: \$28,859 TWC: \$47,654



Attachment G-1
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Daily Workover Report - Page Two

Wells Draw 13-33-B
NW/SW Sec. 33, 8S, 16E
Duchesne Co., Utah
API #43-013-31277

Spud Date: 6/22/90
TD: 6384'
Workover Rig: Flint #4

3/14/98 PO: Xylene/Paracheck D sds. LD N-80. (Day 5)

Summary: 3/13/98 - TP: 0, CP: 0. Thaw tbg, well head & BOP w/HO Trk. Fill annulus w/27 BW. Release pkr. TIH w/tbg & tag sd @ 5077'. CO sd to 5226'. (Circ rubber blew). Lost 93 BW. Pull pkr to 5064' & set. IFL @ 200'. Made 11 swab runs, rec 66 BTF w/heavy sd. 12th run sd line became stuck. Could not jar loose. Drop Kinnley sd line cutter. Retrieve sd line. Release pkr & TOH. Retrieve sinker bars & swab cups. TIH w/pkr & tbg to 3390'. Repair sd line. SIFN w/est 741 BWTR.
DC: \$5,137 TWC: \$52,791

3/15/98 PO: LD N-80. TIH w/prod. tbg. Swab to clean up sd. (Day 6)

Summary: 3/14/98 - TP: 0, CP: 0. Con't TIH w/RH, pup jt, 5-1/2" RTTS pkr & N-80 tbg f/3390'. Tag sd @ 5145'. CO sd to RBP @ 5345'. Circ hole clean. Lost est 100 BW during circ. Pull pkr to 5065' & set. IFL @ 1400'. Made 6 swab runs, rec 35 BTF w/heavy sd stacking out on last run. Release pkr. TIH w/tbg & tag sd @ 5316' (29' fill). CO sd to RBP @ 5345'. Lost 79 BW. Release plug. Pull up & reset @ 5098'. Set pkr @ 5059'. Fill tbg w/8 BW. Press test tools to 3000 psi. Release pkr. Pull up & reset @ 4903'. Swab tbg dry. Rec 27 BTF. RU Halliburton to tbg & treat D sds w/100 gal Xylene (w/NEA-96), 100 gal Paracheck, 1000 gals 2% KCL wtr (w/NEA-96). Flush to top perf w/30 BW. ISIP: 863 psi, 5 min: 0. Ave press 884 psi, ave rate 2.1 BPM. Release pkr. TIH & retrieve plug. TOH & LD 63 jts N-80 tbg. EOT @ 3455'. SIFN w/est 925 BWTR.
DC: \$9,621 TWC: \$62,412

3/16/98 SD for Sunday.

3/17/98 PO: Run production equipment. Place well on production. (Day 7)

Summary: 3/16/98 - TP: 0, CP: 0. Con't TOH & LD N-80 tbg, pkr, pup jt & RBP. TIH w/2-7/8" J-55 tbg to 5216', (C/BiCarb perms uncovered). Pull EOT to 5091'. RU HO Trk & flush tbg w/40 bbls hot production wtr. RU swab equipment. IFL @ 1500'. Made 22 swab runs, rec 140 BTF w/tr oil. No sd. FFL @ 3800'. SIFN w/est 825 BWTR.
DC: \$2,544 TWC: \$64,956

3/18/98 PO: Well on production. RDMO. (Day 8)

Summary: 3/17/98 - TP: 10, CP: 30. Bleed gas off well. TIH w/NC & tbg f/5091'. Tag sd @ 6173'. TOH w/tbg. TIH w/production tbg as follows: 2-7/8 NC, 1 jt tbg, perf sub, SN, 2 jts tbg, 5-1/2" TA, 190 jts 2-7/8" 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5899' w/SN @ 5964' & EOT @ 6001'. Land tbg w/10,000# tension. NU well head. TIH w/rod string as follows: 2-1/2" x 1-1/2" x 15-1/2' RHAC pmp, 8 - 1-1/2" weight rods, 4 - 3/4" scraped rods, 134 - 3/4" plain rods, 91 - 7/8" scraped rods, 1 - 6', 1 - 4', 1 - 2' x 7/8" pony rods, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/20 BW. Press test pmp & tbg to 400 psi. Stroke pmp up w/unit to 800 psi. Good pmp action. **PLACE WELL ON PRODUCTION @ 5:50 PM, 3/17/98 W/86" SL @ 6-1/2" SPM.** Est 845 BWTR.
DC: \$4,590 TWC: \$69,546

3/19/98 PO: Well on production. (Day 9)

Summary: 3/18/98 - Check well. Pumping good. RDMO location.
DC: \$326 TWC: \$69,872



Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Feb. 25, 2003 Day: 01
Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBDT: 6289'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 962' BP/Sand PBDT: 6151'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80			
C sds	5140-5147'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 24, 2003 SITP: 0 SICP: 0

MIRU Pennant #11. RU HO trk & pump 100 BW dn casing @ 250°F. Unseat rod pump. Flush tbg & rods W/ 60 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow T. Fill tbg W/ 2 BW & pressure test to 3500 psi. Retrieve rod string & TOH. LD pump. Had rod & cplg wear btm 500' of string. ND wellhead. Found TA unset. NU BOP. TOH & talley production tbg-- LD BHA. Talley, PU & TIH W/ 2 7/8 NC, 5 1/2" csg scraper & 30 jts 2 7/8 8rd 6.5# L-80/N-80 tbg. EOT @ 962'. SIFN W/ est 162 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0
Fluid lost/recovered today: 162 Oil lost/recovered today: 0
Ending fluid to be recovered: 162 Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

AS PULLED

KB 15.00'
180 2 7/8 J-55 tbg
TA @ 5576' KB
2 2 7/8 J-55 tbg
SN @ 5639' KB
1 2 7/8 J-55 tbg
2 7/8 NC @ 5674' KB

ROD DETAIL

AS PULLED

1 1/2" X 22' polished rod
1-2', 1-4', 2-6' X 7/8" pony rods
91-7/8" scraped rods
107-3/4" plain rods
20-3/4" scraped rods
5-1 5/8" weight rods
1-1 1/2" weight rods
2 1/2" X 1 1/2" X 16' RHAC pump

COSTS

Pennant rig \$2,918
Weatherford BOP \$130
IPC water & truck \$500
IPC trucking \$1,000
Zubiate HO trk \$550
Randys' pump repair \$1,000
Weatherford scraper \$300
Randys' TA repair \$300
IPC supervision \$300

Workover Supervisor: Gary Dietz

DAILY COST: \$6,998
TOTAL WELL COST: \$6,998





Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Feb. 26, 2003 Day: 02
 Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBDT: 6289'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 0 BP/Sand PBDT: 6259'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
GB6 sds NEW	4482-4488'	4/24	LODC sds NEW	5572-5578'	4/24
PB11 sds NEW	4743-4750'	4/28	LODC sds NEW	5595-5597'	4/8
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80	CP5 sds NEW	6122-6126'	4/16
C sds	5140-5147'	4/28	BS NEW	6176-6184'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 25, 2003 SITP: 0 SICP: 0

Con't PU & TIH W/ NC, csg scraper & 2 7/8 L-80/N-80 tbg f/ 962'. Tag fill @ 6122'. C/O fill to 6259' & quit making hole, experiencing plugging problems. Circ hole clean W/ 163 BW lost. TOH W/ tbg- LD NC & scraper. Had standing valve & screen f/ old rod pump and 2 pieces TA drag spring jammed in NC. RU Schlumberger WLT and perf new intervals W/ 4" guns as follows: Stage #1: CP5 sds @ 6122-26' & BS @ 6176-84'; stage #2: LODC sds @ 5572-78' & 5595-97'; stage #3: PB11 sds @ 4743-50' and stage #4: GB6 sds @ 4482-88'. All 4 JSPF in 2 gun runs. RD WLT. SIFN W/ est 325 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 162 Starting oil rec to date: 0
 Fluid lost/recovered today: 163 Oil lost/recovered today: 0
 Ending fluid to be recovered: 325 Cum oil recovered: 0
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

AS PULLED

KB 15.00'
 180 2 7/8 J-55 tbg
TA @ 5576' KB
 2 2 7/8 J-55 tbg
SN @ 5639' KB
 1 2 7/8 J-55 tbg
2 7/8 NC @ 5674' KB

ROD DETAIL

AS PULLED

1 1/2" X 22' polished rod
1-2', 1-4', 2-6' X 7/8" pony rods
91-7/8" scraped rods
107-3/4" plain rods
20-3/4" scraped rods
5-1 5/8" weight rods
1-1 1/2" weight rods
2 1/2" X 1 1/2" X 16' RHAC pump

COSTS

Pennant rig \$3,401
Weatherford BOP \$130
Schlumberger-perfs \$3,834
IPC supervision \$300

Workover Supervisor: Gary Dietz

DAILY COST: \$7,665
 TOTAL WELL COST: \$14,663



Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Feb. 27, 2003 Day: 03
 Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBDT: 6289'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 6013' BP/Sand PBDT: 6259'
 BP/Sand PBDT: 6230'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
GB6 sds NEW	4482-4488'	4/24	LODC sds NEW	5572-5578'	4/24
PB11 sds NEW	4743-4750'	4/28	LODC sds NEW	5595-5597'	4/8
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80	CP5 sds NEW	6122-6126'	4/16
C sds	5140-5147'	4/28	BS NEW	6176-6184'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 26, 2003 SITP: 0 SICP: 0

TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & frac tbg. Set plug @ 6230' & pkr @ 6197'. Fill tbg W/ 18 BW & pressure test tools to 2000 psi. Release pkr. Pull up, install frac valve & subs. Set pkr elements @ 6013' (EOT @ 6023'). Fill annulus W/ 49 BW & hold full during frac (used 19 add'l BW). RU Schlumberger Pumping Services and frac new CP5/BS (6122' through 6184') W/ 40,735# 20/40 sand in 330 bbls YF 125 fluid. Perfs broke down @ 2791 psi. Treated @ ave press of 4193 psi W/ ave rate of 17 BPM. ISIP-2349 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 3 hrs & died. Rec 152 BTF (est 46% of frac load). SIFN W/ est 589 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 325 Starting oil rec to date: 0
 Fluid lost/recovered today: 264 Oil lost/recovered today: 0
 Ending fluid to be recovered: 589 Cum oil recovered: 0
 IFL: _____ FFL: _____ FTP: _____ Choke: 12/64 Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac
 Company: Schlumberger
 Procedure or Equipment detail: CP5 sands & BS

****PUMPED DOWN 2 7/8 N-80 tubing****

2987 gals of pad
 1059 gals W/ 2 ppg of 20/40 sand
 1506 gals W/ 3 ppg of 20/40 sand
 1906 gals W/ 4 ppg of 20/40 sand
 2508 gals W/ 5 ppg of 20/40 sand
 2503 gals W/ 6 ppg of 20/40 sand
 Flush W/ 1405 gals of WF 110 fluid

****SAND SCHEDULE WAS RAMPED****

Max TP: 5800 Max Rate: 18.3 BPM Total fluid pmpd: 330 bbls
 Avg TP: 4193 Avg Rate: 17 BPM Total Prop pmpd: 40,735#
 ISIP: 2349 5 min: _____ 10 min: _____ FG: .82
 Completion Supervisor: Gary Dietz ?

COSTS

Pennant rig \$2,969
 Weatherford BOP \$130
 Weatherford tools/serv \$2,550
 Betts frac wtr \$700
 IPC fuel gas \$100
 IPC frac valve rental \$300
 IPC wtr & truck \$200
 IPC supervision \$300

DAILY COST: \$7,249
 TOTAL WELL COST: \$21,912



Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Feb. 28, 2003 Day: 04A
 Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBTD: 6289'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 5508' BP/Sand PBTD: 6259'
 BP/Sand PBTD: 5640'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
GB6 sds NEW	4482-4488'	4/24	LODC sds NEW	5572-5578'	4/24
PB11 sds NEW	4743-4750'	4/28	LODC sds NEW	5595-5597'	4/8
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80	CP5 sds NEW	6122-6126'	4/16
C sds	5140-5147'	4/28	BS NEW	6176-6184'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 27, 2003 SITP: 100 SICP: 0
 Day 4(a):
 Bleed pressure off tbg--rec est 3 BTF, tr oil & gas. Open bypass on pkr & rev circ tbg clean. Release pkr @ 6013' & TIH W/ tbg. Tag
 See day 4(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 589 Starting oil rec to date: 0
 Fluid lost/recovered today: 362 Oil lost/recovered today: 0
 Ending fluid to be recovered: 951 Cum oil recovered: 0
 IFL: _____ FFL: _____ FTP: _____ Choke: 12/64 Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac
 Company: Schlumberger
 Procedure or Equipment detail: LODC sands
PUMPED DOWN 2 7/8 N-80 tubing
2981 gals of pad
1106 gals W/ 2 ppg of 20/40 sand
1356 gals W/ 3 ppg of 20/40 sand
1857 gals W/ 4 ppg of 20/40 sand
2506 gals W/ 5 ppg of 20/40 sand
1025 gals W/ 6 ppg of 20/40 sand
Flush W/ 1253 gals of WF 110 fluid
SAND SCHEDULE WAS RAMPED
 Max TP: 7023 Max Rate: 19.5 BPM Total fluid pmpd: 288 bbls
 Avg TP: 4621 Avg Rate: 17.1 BPM Total Prop pmpd: 31,897#
 ISIP: 3400 5 min: _____ 10 min: _____ FG: 1.04
 Completion Supervisor: Gary Dietz

COSTS

Pennant rig	\$960
Weatherford BOP	\$130
Weatherford service	\$550
Betts frac wtr	\$700
IPC fuel gas	\$100
IPC frac valve rental	\$300
IPC supervision	\$100
DAILY COST:	\$2,840
TOTAL WELL COST:	\$24,752



Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Feb. 28, 2003 Day: 04
Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBTD: 6289'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 4666' BP/Sand PBTD: 6259'
BP/Sand PBTD: 4820'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
GB6 sds NEW	4482-4488'	4/24	LODC sds NEW	5572-5578'	4/24
PB11 sds NEW	4743-4750'	4/28	LODC sds NEW	5595-5597'	4/8
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80	CP5 sds NEW	6122-6126'	4/16
C sds	5140-5147'	4/28	BS NEW	6176-6184'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 27, 2003 SITP: 0 SICP: 0

Day 4(b):

Pull tbg & tools uphole. Set plug @ 4820' & pkr @ 4785'. Pressure test tools to 2000 psi. Release pkr & re-set elements @ 4666' (EOT @ 4676'). Fill annulus & hold full during frac (used 10 BW). RU Schlumberger Pumping Services to tbg and frac new PB11 sds (4743-50') W/ 31,200# 20/40 sand in 267 bbls YF 125 fluid. Perfs broke down @ 2850 psi. Treated @ ave press of 3639 psi W/ ave rate of 16.7 BPM. ISIP-2245 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 2 1/4 hrs & died. Rec 120 BTF (est 45% of frac load). Fill & pressure up on annulus. Open bypass on pkr & rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 4790'. C/O sd to RBP @ 4820'. Circ hole clean. Lost est 25 BW. Release plug. Est 1133 BWTR.

See day 4(c)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 951 Starting oil rec to date: 0
Fluid lost/recovered today: 182 Oil lost/recovered today: 0
Ending fluid to be recovered: 1133 Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: 12/64 Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac

Company: Schlumberger

Procedure or Equipment detail: PB11 sands

PUMPED DOWN 2 7/8 N-80 tubing

- 2481 gals of pad
- 1409 gals W/ 2 ppg of 20/40 sand
- 1257 gals W/ 3 ppg of 20/40 sand
- 1357 gals W/ 4 ppg of 20/40 sand
- 1856 gals W/ 5 ppg of 20/40 sand
- 1985 gals W/ 6 ppg of 20/40 sand
- Flush W/ 888 gals of WF 110 fluid

SAND SCHEDULE WAS RAMPED

Max TP: 5667 Max Rate: 18.1 BPM Total fluid pmpd: 267 bbls
Avg TP: 3639 Avg Rate: 16.7 BPM Total Prop pmpd: 31,200#
ISIP: 2245 5 min: _____ 10 min: _____ FG: .91
Completion Supervisor: Gary Dietz

COSTS

Pennant rig	\$960
IPC frac valve rental	\$300
IPC fuel gas	\$100
Betts frac wtr	\$600
IPC supervision	\$100

DAILY COST: \$2,060
TOTAL WELL COST: \$26,812



Attachment G-1
140f17

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16

Report Date: Feb. 28, 2003

Day: 04

Operation: Re-complete

Rig: Pennant #11

WELL STATUS

Surf Csg: <u>8 5/8</u>	@ <u>306'</u>	Prod Csg: <u>5 1/2</u>	@ <u>6384'</u>	WT: <u>17#</u>	Csg PBDT: <u>6289'</u>
Tbg: <u>Size: 2 7/8</u>	Wt: <u>6.5#</u>	Grd: <u>L-80/N-80</u>	Pkr/EOT @: <u>4439'</u>	BP/Sand PBDT: <u>6259'</u>	BP/Sand PBDT: <u>4520'</u>

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	<u>1624-42', 68-78'</u>	<u>4/10/94</u>	BiCarb	<u>5191-5200'</u>	<u>4/36</u>
SQZD	<u>1688-1696'</u>	<u>4/10/94</u>	A sds	<u>5437-5449'</u>	<u>4/48</u>
SQZD	<u>1704-15', 58-80'</u>	<u>4/10/94</u>	A sds	<u>5462-5473'</u>	<u>4/44</u>
GB6 sds <u>NEW</u>	<u>4482-4488'</u>	<u>4/24</u>	LODC sds <u>NEW</u>	<u>5572-5578'</u>	<u>4/24</u>
PB11 sds <u>NEW</u>	<u>4743-4750'</u>	<u>4/28</u>	LODC sds <u>NEW</u>	<u>5595-5597'</u>	<u>4/8</u>
D1 sds	<u>4966-71', 73-84'</u>	<u>4/64</u>	CP sds	<u>5925-5950'</u>	<u>4/100</u>
D2 sds	<u>5017-28', 36-45'</u>	<u>4/80</u>	CP5 sds <u>NEW</u>	<u>6122-6126'</u>	<u>4/16</u>
C sds	<u>5140-5147'</u>	<u>4/28</u>	BS <u>NEW</u>	<u>6176-6184'</u>	<u>4/32</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 27, 2003

SITP: 0 SICP: 0

Day 4(c):

Pull tbg & tools uphole. Set plug @ 4520' & pkr @ 4498'. Pressure test tools to 2000 psi. Release pkr & re-set elements @ 4439' (EOT @ 4449'). Fill annulus & hold full during frac (used 5 BW). RU Schlumberger Pumping Services to tbg and frac new GB6 sds (4482-88') W/ 21,091# 20/40 sand in 206 bbls YF 125 fluid. Perfs broke down @ 2146 psi. Treated @ ave press of 3487 psi W/ ave rate of 16.8 BPM. ISIP-2122 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 2 3/4 hrs & died. Rec 74 BTF (est 36% of frac load). SIFN W/ est 1270 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: <u>1133</u>	Starting oil rec to date: <u>0</u>
Fluid lost/recovered today: <u>137</u>	Oil lost/recovered today: <u>0</u>
Ending fluid to be recovered: <u>1270</u>	Cum oil recovered: <u>0</u>
IFL: _____ FFL: _____ FTP: _____	Choke: <u>12/64</u> Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac

Company: Schlumberger

Procedure or Equipment detail: GB6 sands

****PUMPED DOWN 2 7/8 N-80 tubing****

- 1984 gals of pad
- 1258 gals W/ 2 ppg of 20/40 sand
- 1006 gals W/ 3 ppg of 20/40 sand
- 1257 gals W/ 4 ppg of 20/40 sand
- 1456 gals W/ 5 ppg of 20/40 sand
- 711 gals W/ 6 ppg of 20/40 sand
- Flush W/ 993 gals of WF 110 fluid

****SAND SCHEDULE WAS RAMPED****

Max TP: <u>5211</u>	Max Rate: <u>18.6 BPM</u>	Total fluid pmpd: <u>206 bbls</u>
Avg TP: <u>3487</u>	Avg Rate: <u>16.8 BPM</u>	Total Prop pmpd: <u>21,091#</u>
ISIP: <u>2122</u>	5 min: _____	10 min: _____
Completion Supervisor: <u>Gary Dietz</u>	FG: <u>.91</u>	

COSTS

<u>Pennant rig</u>	<u>\$960</u>
<u>IPC frac valve rental</u>	<u>\$300</u>
<u>IPC frac tks (4X5 dys)</u>	<u>\$800</u>
<u>Betts frac wtr</u>	<u>\$600</u>
<u>IPC fuel gas</u>	<u>\$100</u>
<u>IPC flowback super</u>	<u>\$165</u>
<u>Schlumberger-fracs</u>	<u>\$40,182</u>
<u>IPC supervision</u>	<u>\$100</u>

DAILY COST: \$43,207
TOTAL WELL COST: \$70,019



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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Mar. 1, 2003 Day: 05
Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBTD: 6289'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80/N-80 Pkr/EOT @: 6167' BP/Sand PBTD: 6259'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
GB6 sds NEW	4482-4488'	4/24	LODC sds NEW	5572-5578'	4/24
PB11 sds NEW	4743-4750'	4/28	LODC sds NEW	5595-5597'	4/8
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80	CP5 sds NEW	6122-6126'	4/16
C sds	5140-5147'	4/28	BS NEW	6176-6184'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 28, 2003 SITP: 0 SICP: 0

Thaw tbg, BOP & csg valves W/ HO trk. Bleed tbg off, rec est 3 BTF. Open bypass on pkr & rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 4500'. C/O sd to RBP @ 4520'. Circ hole clean W/ no fluid loss. Release plug. TOH W/ tbg & LD tools. TIH W/ NC & tbg. Tag btm @ 6259' (no new fill). Pull EOT to 6167'. RU swab equipment. IFL @ 600'. Made 8 swb runs rec 184 BTF (est 144 BW & 40 BO) W/ light gas & sm tr sd. FFL @ 1700'. FOC @ 25%. SIFN W/ est 1123 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: <u>1270</u>	Starting oil rec to date: <u>0</u>
Fluid lost/recovered today: <u>147</u>	Oil lost/recovered today: <u>40</u>
Ending fluid to be recovered: <u>1123</u>	Cum oil recovered: <u>40</u>
IFL: <u>600'</u> FFL: <u>1700'</u> FTP: _____	Choke: _____ Final Fluid Rate: _____ Final oil cut: <u>25%</u>

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

Pennant rig	\$2,813
Weatherford BOP	\$130
Weatherford service	\$550
Betts wtr transfer	\$400
Zubiate HO trk	\$150
IPC supervision	\$300

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
 Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
 ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
 Completion Supervisor: Gary Dietz

DAILY COST: \$4,343
 TOTAL WELL COST: \$74,362



Attachment G-1
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DAILY WORKOVER REPORT

WELL NAME: Wells Draw 13-33B-8-16 Report Date: Mar. 4, 2003 Day: 07
Operation: Re-complete Rig: Pennant #11

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 @ 6384' WT: 17# Csg PBDT: 6289'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 6080' BP/Sand PBDT: 6289'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
SQZD	1624-42', 68-78'	4/10/94	BiCarb	5191-5200'	4/36
SQZD	1688-1696'	4/10/94	A sds	5437-5449'	4/48
SQZD	1704-15', 58-80'	4/10/94	A sds	5462-5473'	4/44
GB6 sds NEW	4482-4488'	4/24	LODC sds NEW	5572-5578'	4/24
PB11 sds NEW	4743-4750'	4/28	LODC sds NEW	5595-5597'	4/8
D1 sds	4966-71', 73-84'	4/64	CP sds	5925-5950'	4/100
D2 sds	5017-28', 36-45'	4/80	CP5 sds NEW	6122-6126'	4/16
C sds	5140-5147'	4/28	BS NEW	6176-6184'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: Mar. 3, 2003 SITP: 0 SICP: 0

Con't TIH W/ revised BHA & production tbg fl 3717'. Tbg configuration as follows: 2 7/8 NC, 2 jts tbg, new SN, 1 jt tbg, repaired Randys' 5 1/2" TA (45K) & 196 jts 2 7/8 8rd 6.5# J-55 tbg. Btm 17 jts above SN are used/inspected tbg. ND BOP. Set TA @ 6080' W/ SN @ 6114' & EOT @ 6179'. Land tbg W/ 15,000# tension. NU wellhead. TIH W/ repaired Randys' 2 1/2" X 1 1/2" X 16' RHAC pump & revised rod string as follows: 1-1 1/2" weight rod (A grade W/ 3/4" pins), 5-1 5/8" weight rods (7/8" pins), 22-3/4" scraped rods (btm 18 A grade), 125-3/4" plain rods (top 18 B grade), 89-7/8" scraped rods, 1-4', 1-2' X 7/8" pony rods & 1 1/2" X 22' polished rod. Change out 50 worn rod cplgs on TIH. Seat pump & RU pumping unit. Fill tbg W/ 5 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1128 BWTR.

Place well on production @ 4:00 PM 3/3/2003 W/ 62" SL @ 7 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	<u>1123</u>	Starting oil rec to date:	<u>89</u>
Fluid lost/recovered today:	<u>5</u>	Oil lost/recovered today:	<u>0</u>
Ending fluid to be recovered:	<u>1128</u>	Cum oil recovered:	<u>89</u>
IFL: _____ FFL: _____ FTP: _____		Choke: _____	Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

KB	15.00'	1 1/2" X 22' polished rod	Pennant rig	\$2,659
196	2 7/8 J-55 tbg (6065.45')	1-4', 1-2' X 7/8" pony rods	Weatherford BOP	\$130
	TA (2.80' @ 6080.45' KB)	89-7/8" scraped rods	Additional rods	\$1,450
1	2 7/8 J-55 tbg (30.45')	125-3/4" plain rods	17 jts B grade tbg	\$1,511
	SN (1.10' @ 6113.70' KB)	22-3/4" scraped rods	Zubiate HO trk	\$370
2	2 7/8 J-55 tbg (63.45')	5-1 5/8" weight rods	RNI wtr disposal	\$400
	2 7/8 NC (.45')	1-1 1/2" weight rod	IPC trucking	\$200
EOT	6178.70' W/ 15' KB	Randys' 2 1/2" X 1 1/2" X 16'	IPC swb tks (2X7 dys)	\$560
		RHAC pump W/ SM plunger	Mt. West sanitation	\$400
			IPC location cleanup	\$300
			IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST: \$8,280
TOTAL WELL COST: \$90,411

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4312'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 123' plug using 14 sx Class "G" cement placed 50' above Trona/Bird's Nest and 50' below base of Mahogany Bench.
4. Plug #3 Set 256' balance plug using 29 sx Class "G" cement place 50' above top perf and 50' below bottom perf.
5. Plug #4 Circulate 100sx Class "G" cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Federal #13-33B-8-16

Spud Date: 6/22/90
 Put on Production: 10/3/90
 GL: 5710' KB: 5725'

Initial Production: 116 BOPD,
 0 MCFPD, 181 BWPD

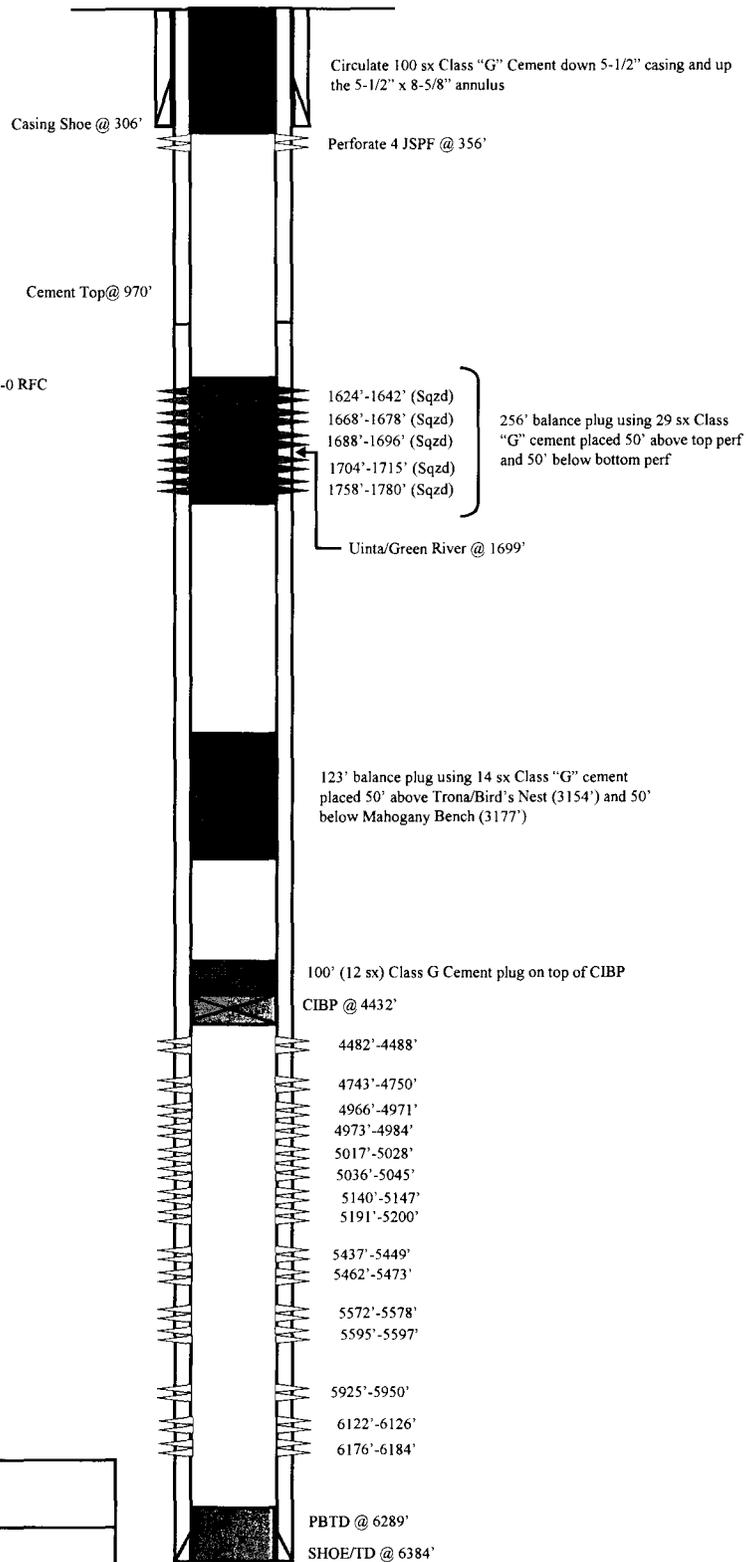
SURFACE CASING

CSG SIZE: 8-5/8" / K-55 / 24#
 DEPTH LANDED: 306' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sx Class "G" cmt w/2% CaCl2

PRODUCTION CASING

CSG SIZE: 5-1/2" / K-55 / 17#
 SET AT: 6384'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: Lead 180 sx Hi-Lift, tail w/445 10-0 RFC
 CEMENT TOP AT: 970'

Proposed P & A Wellbore Diagram



NEWFIELD

Federal #13-33B-8-16

1972' FSL & 652' FWL

NW/SW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31277; Lease #U-49092

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1972 FSL 652 FWL
 NWSW Section 33 T8S R16E

5. Lease Serial No.
 USA UTU-49092

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 WELLS DRAW UNIT

8. Well Name and No.
 FEDERAL 13-33B

9. API Well No.
 4301331277

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Analyst
Signature 	Date 04/13/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

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 and fraudulent statements or representations as to any matter within its jurisdiction

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092
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 (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 13-33-B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013312770000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972 FSL 0652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 08.0S Range: 16.0E 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/17/2013	<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 checked="" 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 Temporary Abandon this well. It is proposed that we lay down the polish rod, stack out the rods and cap this well. We have currently bleed this well down to 90 psi from 1600 psi. We are currently hauling an extra 2 – 4 loads of water a day with this well opened up.

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

Date: September 23, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/17/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092	
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 (GRRV)	
1. TYPE OF WELL Oil Well	
8. WELL NAME and NUMBER: FEDERAL 13-33-B	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
9. API NUMBER: 43013312770000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	
PHONE NUMBER: 435 646-4825 Ext	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972 FSL 0652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 08.0S Range: 16.0E 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/14/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" 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"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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 17, 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 DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092
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 (GRRV)
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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: 9/15/2015	<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
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<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<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.

Due to running into many operational setbacks during the conversion process, the decision was made to Plug and Abandon the Federal 13-33B-8-16. The proposed P&A Procedure is attached.

Accepted by the Utah Division of Oil, Gas and Mining

Date: ~~September 16, 2015~~
By: *Dark Oust*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/15/2015	

NEWFIELD PRODUCTION COMPANY**Federal 13-33B-8-16
Plug & Abandonment Procedure**

DOWNHOLE DATA		
Elevation:	5710' GL; 5725' RKB	
TD:	6384'	
Surface casing:	8-5/8" K-55 24# @ 306' cmt w/210 sx	
Production casing:	5-1/2" K-55 17# @ 6,384' cmt w/ 180 sxs Hi-Lift & 445 sxs 10-0 RFC	ID: 4.892"; Drift: 4.767" TOC @ 970' – From existing WBD.
PBTD:	6289'	
Tubing:	2-7/8" 6.5# J-55 177 jts	EOT 5665'
Existing Perfs:	See WBD	See WBD for Treatment information
Notes:	Likely casing leak at old squeezed perfs	See WBD

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 $\pm 4,480'$. Set 5 1/2" Cast Iron Plug at 4432'. RIH Tubing to 4422'. RU cementing company.
3. **Plug #1:** Mix and pump a total of 12 sxs (13 ft³) Class G cement from 4,432' up to 4,332'. Pull tubing above cement, wait for cement to cure enough to tag TOC at 4332'.
4. **Plug #2:** Mix and pump a total of 14 sxs (16 ft³) Class G cement for a 123' balance plug from 3227' (50' below Mahogany Bench—3177') up to 3104' (50' above Trona/Bird's Nest—3154'). Pull tubing above cement, wait for cement to cure enough to tag TOC at 3104'.
5. **Plug #3:** Mix and pump a total of 29 sxs (33 ft³) Class G cement for a 256' balance plug from 1830' (50' below bottom squeezed perfs) up to 1574' (50' above top squeezed perfs). Pull tubing above cement, wait for cement to cure enough to tag TOC at 1574'.
6. POOH with tubing and rig up wireline company. Perforate 4 JSPF at 356'. Rig down wireline company.
7. **Plug #4:** Mix and circulate 100 sxs (220 ft³) Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.
8. **Plug #5:** Mix and pump 39 sxs (46 ft³) cement down 5-12" to depth of 350' to surface. POOH with tubing and top off the cement to surface. POOH with tubing.
9. RDMO cementing company and rig. ND BOP and NU tubing head adapter or other w/ valve.
10. MI welder and cut off 5-1/2" and 8-5/8" casing below grade and weld on P&A marker.

Federal #13-33B-8-16

Spud Date: 6-22-90
 Put on Production: 10-3-90
 GL: 5710' KB: 5725'

Initial Production: 116 BOPD,
 0 MCFPD, 181 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" K-55 24"
 DEPTH LANDED: 308' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sk Class "G" cement w/ 2% CaCl2

PRODUCTION CASING

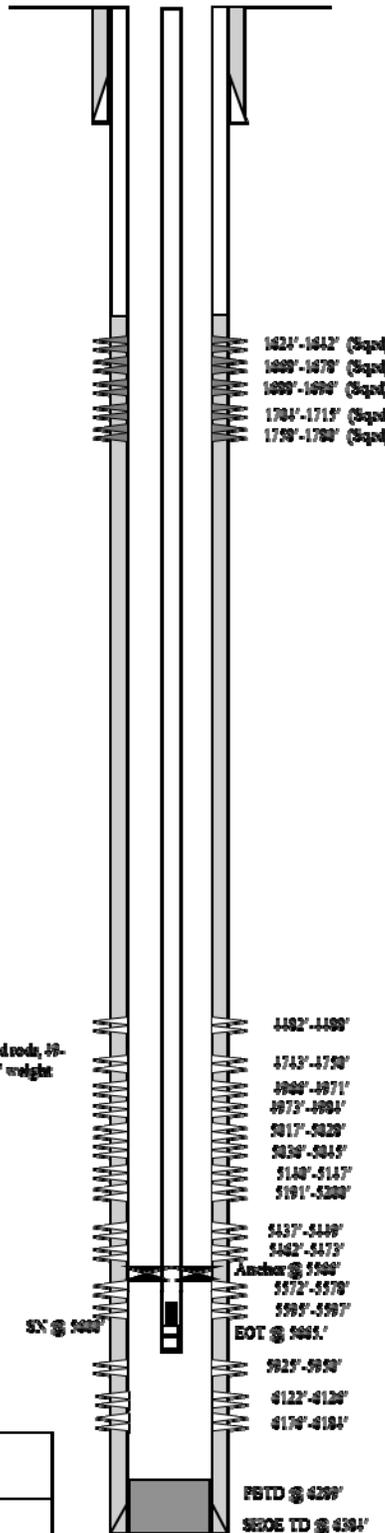
CSG SIZE: 5-1/2" K-55 17"
 SET AT: 4384'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: Lead 180 sk HELLB, tail w/ 445 10-0 RFC
 CEMENT TOP AT: 978'

TUBING

SIZE GRADE WT: 2-7/8" 2-55 4.5"
 NO. OF JOINTS: 7-55 189 Jts. (3265.20')
 NO. OF JOINTS: 68 Jts. (2184.12')
 TUBING ANCHOR: 2.80' @ 5964.41' KB
 NO. OF JOINTS: 1 Jts. 31.40'
 SEATING NIPPLE: 1.10' @ 5980.71' KB
 NO. OF JOINTS: 2 Jts. 43.45'
 TOTAL STRING LENGTH: BOT @ 5965.41'

SUCKER RODS

POLISHED ROD: 1 1/2" X 22"
 SUCKER RODS: 2-8", 1-4", 1-2" x 7 8" pony rods, 85-7 8" scraped rods, 48-3 4" plain rods, 22-3 4" scraped rods, 5-1 5 8" weight bars, 1-1 1 2" weight bar.
 PUMP SIZE: 2-1 2"x1-1 2"x 14.5" BEAC
 STROKE LENGTH: 40"
 PUMP SPEED, SPM: 7 SPM
 LOGS: DUL, CDL-DSN, CSL



FRAC JOB

8925'-8980' 29,100= 20 40, 43,000= 16 30.
 5437'-5473' 47,000= 20 40, 69,000= 16 30.
 4966'-5048' 81,000= 20 40, 101,400= 16 30.
 1759'-1780' Acidize w/ 3000 gal 15% HCl acid w/ Cla-Sta & iron seq. Perf's broke @ 2027 psi, avg 15 bpm, 2200 psi avg press, 3850 psi max press. Run 130 balls, good ball action.
 1624'-1715' Pump 6000 gal 15% HCl acid w/ Cla-Sta & iron seq & 225 ball sealers, very little ball action. Well was on vac @ end of treatment.
 8140'-8200' Frac w/ 118,300= 20 40 rd in 500 bbls Delta Frac. Perf's broke @ 2940 psi. Treated @ ave rate of 4700 psi w/ ave rate of 27 bpm. ISIP: 2345 psi, 5 min; 1875 psi. Flowback on 12 64" choke for 1-1 2 hr & died. Rec 19 BTF (est 5% of load).
 2 5 02 Tubing leak: Update rod and tubing details.
 9 10 02 Tubing leak: Updated rod and tubing details.
 2/26/08 6122'-6184' Free BS and CPF ends on follow: 40,735= of 20 40 rd in 300 bbls YF 125 fluid. Treated @ ave pressure 4193 psi W' average of 17 BPF/L. ISIP-2349 psi. Calc. fluid: 1610 gals. Actual fluid: 1485 gals.
 2/27/08 8872'-8897' Free LODC ends on follow: 31,997= of 20 40 rd in 300 bbls YF 125 fluid. Treated @ ave pressure 4621 psi W' average of 17.1 BPF/L. ISIP-3480 psi. Calc. fluid: 1459 gals. Actual fluid: 1253 gals.
 2/27/08 4743'-4780' Free PB11 ends on follow: 31,300= of 20 40 rd in 267 bbls YF 125 fluid. Treated @ ave pressure 3659 psi W' average of 16.7 BPF/L. ISIP-2245 psi. Calc. fluid: 1240 gals. Actual fluid: 989 gals.
 2/27/08 4482'-4488' Free GB6 ends on follow: 21,991= of 20 40 rd in 206 bbls YF 125 fluid. Treated @ ave pressure 3487 psi W' average of 16.8 BPF/L. ISIP-2122 psi. Calc. fluid: 1150 gals. Actual fluid: 993 gals.
 9 21 04 Pasted Rods, updated rod & tubing detail.

PERFORATION RECORD

Depth	Perforation	Notes
5925'-5950'	4 JSPP	100 holes
5482'-5473'	4 JSPP	44 holes
5437'-5448'	4 JSPP	40 holes
5034'-5045'	4 JSPP	30 holes
5017'-5028'	4 JSPP	44 holes
4973'-4984'	4 JSPP	44 holes
4984'-4971'	4 JSPP	20 holes
1759'-1780'	4 JSPP	80 holes Squeezed 4 10 94
1784'-1715'	4 JSPP	44 holes Squeezed 4 10 94
1899'-1894'	4 JSPP	32 holes Squeezed 4 10 94
1889'-1878'	4 JSPP	40 holes Squeezed 4 10 94
1824'-1842'	4 JSPP	72 holes Squeezed 4 10 94
5191'-5200'	4 JSPP	30 holes 3 11 90
5140'-5147'	4 JSPP	20 holes 3 11 90
4482'-4490'	4 JSPP	24 holes 2 25 2003
4743'-4750'	4 JSPP	20 holes 2 25 2003
5572'-5578'	4 JSPP	24 holes 2 25 2003
5595'-5597'	4 JSPP	8 holes 2 25 2003
6122'-6128'	4 JSPP	14 holes 2 25 2003
6178'-6184'	4 JSPP	32 holes 2 25 2003



Federal #13-33B-8-16
 1972' FSL & 652' FWL
 NW/SW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31277; Lease #U-49092

Federal #13-33B-8-16

Spud Date: 6/22/90
 Put on Production: 10/3/90
 GL: 5710' KB: 5725'

Initial Production: 116 BOPD,
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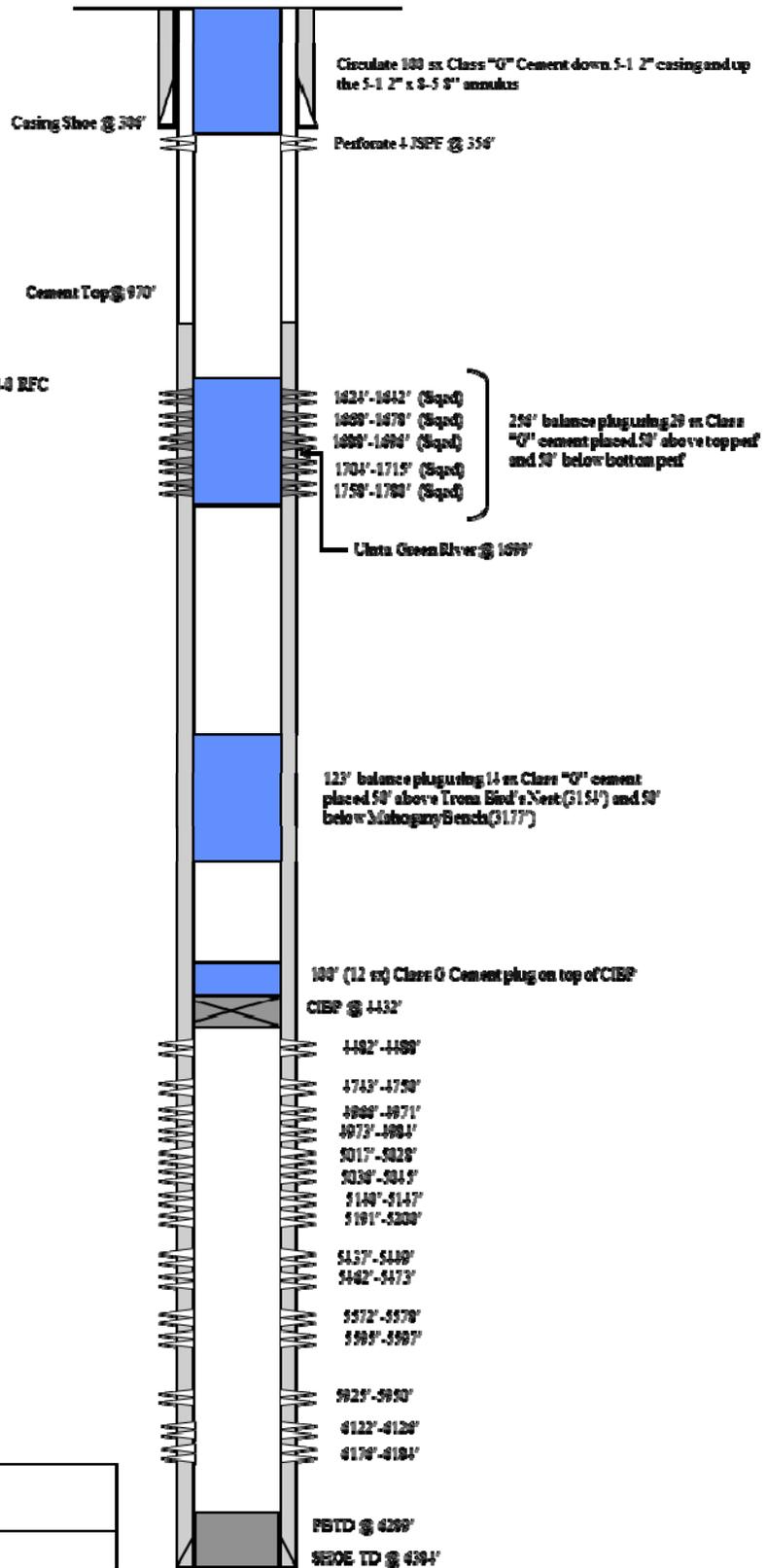
SURFACE CASING

CSG SIZE: 8-5/8" K-55 24"
 DEPTH LANDED: 306' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 st Class "G" cement w/ 2% CaCl2

PRODUCTION CASING

CSG SIZE: 5-1/2" K-55 17"
 SET AT: 4384'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: Lead 180 st HILM; tail w/ 445 10-0 RFC
 CEMENT TOP AT: 970'

**Proposed P & A
 Wellbore Diagram**



NEWFIELD

Federal #13-33B-8-16
 1972' FSL & 652' FWL
 NW/SW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31277; Lease #U-49092

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FEDERAL 13-33-B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013312770000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972 FSL 0652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 08.0S Range: 16.0E 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: 11/4/2015	<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 type="text"/>

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

The Federal 13-33B-8-16 was Plugged and Abandoned. Attached is the daily rig report dated 10/29/15 - 11/4/15 as well as the current well schematic.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 09, 2015**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/6/2015	

NEWFIELD**Summary Rig Activity****Well Name: Federal 13-33B-8-16**

Job Category	Job Start Date	Job End Date

Daily Operations		
Report Start Date 10/29/2015	Report End Date 10/30/2015	24hr Activity Summary MIRUSU. ND wellhead, release pkr, NU BOPs. TOO H w/ 84- jts tbg
Start Time	End Time	Comment
14:00	15:30	Spot in rig & prep for RU. RU WOR.
Start Time	End Time	Comment
15:30	16:00	Open well and flow to tank to bleed pressure off.
Start Time	End Time	Comment
16:00	17:30	ND wellhead. Release AS-1X packer. NU BOPs. RU rig floor & tbg handling equipment
Start Time	End Time	Comment
17:30	18:30	TOOH w/ 84- jts 2-7/8" J-55 6.5# 8rd EUE tbg.
Start Time	End Time	Comment
18:30	19:00	Clean tools & SWIFN
Start Time	End Time	Comment
19:00	20:00	Crew travel
Start Time	End Time	Comment
20:00	00:00	SDFN
Report Start Date 10/30/2015	Report End Date 10/31/2015	24hr Activity Summary Continue TOO H w/ tbg. Round trip bit & scraper. Set CIBP w/ WL @ 4432'. TIH w/ tbg & circulate clean.
Start Time	End Time	Comment
00:00	06:00	SDFN
Start Time	End Time	Comment
06:00	07:00	Crew travel
Start Time	End Time	Comment
07:00	08:00	Check pressure on well, 400 psi tbg & csg. Open well to tank to bleed pressure. Pump 30 bbls down tbg to kill.
Start Time	End Time	Comment
08:00	09:30	TOOH w/ 62- jts tbg & LD packer.
Start Time	End Time	Comment
09:30	10:30	TIH w/ bit & csg scraper, 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg, SN, 140- jts 2-7/8" J-55 6.5# 8rd EUE tbg.
Start Time	End Time	Comment
10:30	12:00	Circulate well clean w/ 100 bbls water.
Start Time	End Time	Comment
12:00	13:30	TOOH w/ tbg & LD bit & scraper.
Start Time	End Time	Comment
13:30	15:00	RU Extreme WLT. RIH w/ CIBP & set @ 4432'. POOH w/ WL & RD WLT.
Start Time	End Time	Comment
15:00	16:30	TIH w/ NC & 142- jts 2-7/8" J-55 6.5# 8rd EUE tbg. Tag CIBP @ 4432'. LD 1- jt tbg, EOT @ 4411'.
Start Time	End Time	Comment
16:30	19:00	Circulate well w/ 140 bbls of packer fluid. Clean tools & SWIFN.
Start Time	End Time	Comment
19:00	20:00	Crew tavel
Start Time	End Time	Comment
20:00	00:00	SDFN
Report Start Date 11/2/2015	Report End Date 11/3/2015	24hr Activity Summary Pump 3 stages of cement
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: Federal 13-33B-8-16

Start Time	07:00	End Time	08:00	Comment
				RU pro-petro cement truck. Pump 20 sxs 15.8# G cement (4 bbls) & displace to balance cement plug. LD 8- jts tbg & reverse circulate w/ 1.5 X tbg volume.
Start Time	08:00	End Time	11:00	Comment
				Wait for cement to set up.
Start Time	11:00	End Time	13:30	Comment
				TIH & tag top of cement plug @ 4246'. LD 30- jts tbg, w/ EOT @ 3232' pump 20 sxs 15.8# G cement (4 bbls). LD 45- jts tbg & w/ EOT @ 1832', pumped 40 sxs 15.8# G cement (8 bbls). LD 13- jts tbg & reverse circulate w/ 1.5 X tbg volume to clean out tbg.
Start Time	13:30	End Time	16:00	Comment
				Wait for cement to set
Start Time	16:00	End Time	16:30	Comment
				TIH w/ 4- jts tbg. Cement was not set enough to tag. TOOH w/ 4- jts tbg & reverse circulate tbg clean. Did see cement in returns. Tag again in the morning
Start Time	16:30	End Time	17:00	Comment
				Crew travel
Start Time	17:00	End Time	00:00	Comment
				SDFN
Report Start Date	Report End Date	24hr Activity Summary		
11/3/2015	11/4/2015	Tag cement plug. TOOH w/ tbg & perforate. Circulate cement down 5-1/2" csg up 8-5/8" csg. 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	07:30	Comment
				Safety meeting w/ rig crew & cement crew
Start Time	07:30	End Time	09:00	Comment
				PU & TIH w/ 1- jt tbg & tag cement top @ 1517'. TOOH & LD 46- jts 2-7/8" J-55 6.5# 8rd EUE tbg.
Start Time	09:00	End Time	10:00	Comment
				RU Extreme WLT. RIH w/ 1' perf gun to 356' & perforate w/ 4 SPF. POOH & RD WLT
Start Time	10:00	End Time	11:00	Comment
				Circulate cement down 5-1/2" csg & return through 8-5/8" surface csg to fill both w/ cement.
Start Time	11:00	End Time	12:30	Comment
				ND BOPs. Dig around wellhead and cut off tbg & csg wellhead.
Start Time	12:30	End Time	14:00	Comment
				Top off both surface and production csg w/ cement. ALL cement work was witnessed by Raymond Arnold, representative for the BLM
Start Time	14:00	End Time	15:00	Comment
				Crew travel



Schematic - Current

Well Name: Federal 13-33B-8-16

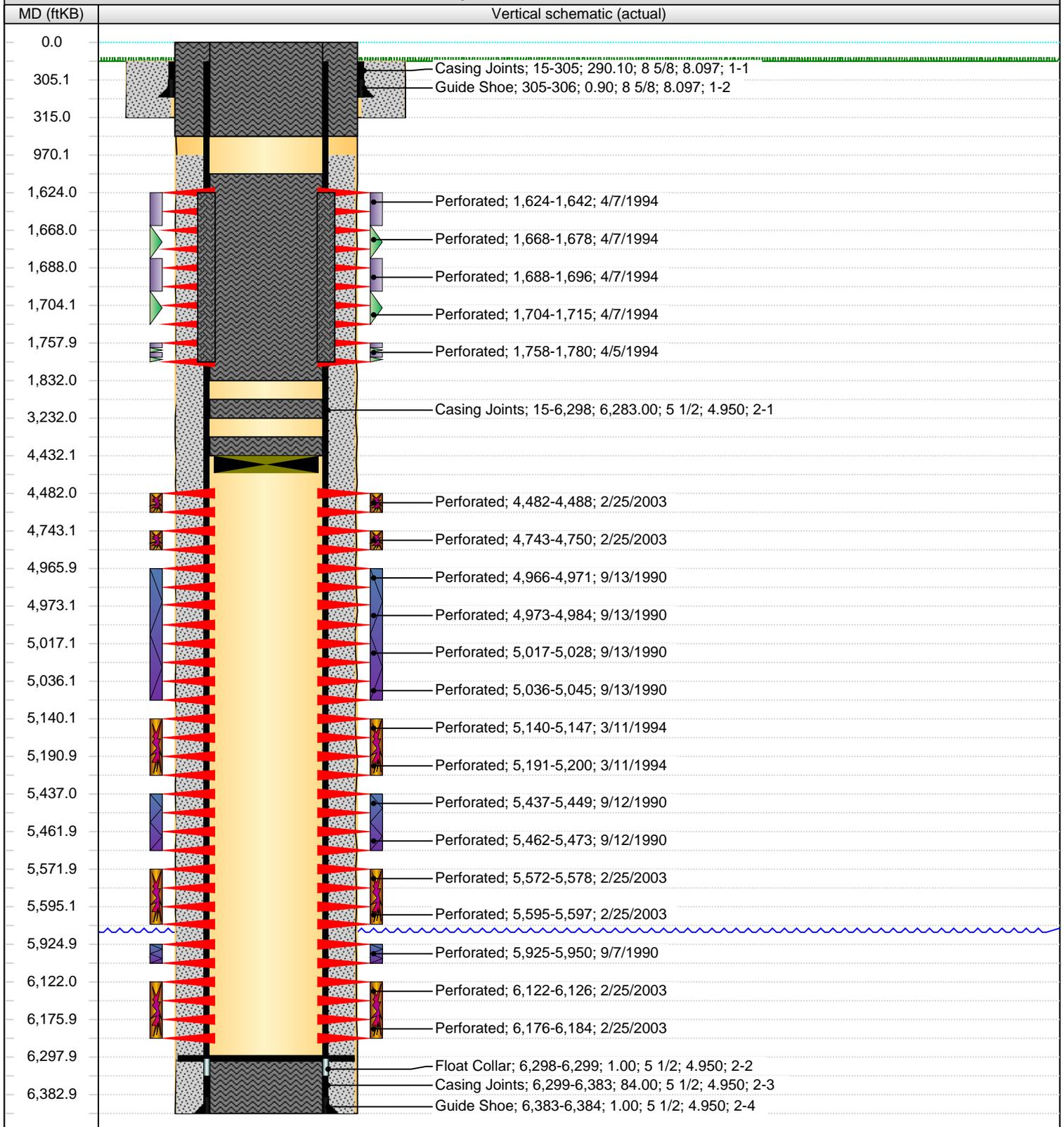
API/UWI 43013312770000	Surface Legal Location 33-8S-16E	Field Name GMBU CTB1	Well RC 500151437	State/Province Utah	Well Type Vertical	Well Config Vertical
Orig KB Elev (ft) 5,725	KB-TH (ft)	Well Start Date 6/22/1990	Rig Release D... 7/3/1990	On Prod Date 9/18/1990	PBTD (All) (ftKB) Original Hole - 6,298.0	Total Depth (All) (ftKB) Original Hole - 6,384.0

Most Recent Job

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type N/A	Job Start Date 10/29/2015	Job End Date
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TD: 6,384.0

Vertical - Original Hole, 11/6/2015 12:00:20 PM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092	
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 (GRRV)	
1. TYPE OF WELL Oil Well	
8. WELL NAME and NUMBER: FEDERAL 13-33-B	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
9. API NUMBER: 43013312770000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	
PHONE NUMBER: 435 646-4825 Ext	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972 FSL 0652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 08.0S Range: 16.0E 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: 9/14/2015	<input checked="" 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 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.

Due to running into many operational setbacks during the conversion process, the decision was made to "NOT" continue with completing the Conversion of this well to a water injection well. Attached is the daily summary of that work.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 09, 2015

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/9/2015	

NEWFIELD

Daily Activity Summary Federal 13-33B-8-16

Well Details							
API/UWI 43013312770000	Well RC 500151437	Surface Legal Location 33-8S-16E	County Duchesne	State/Province Utah	Division Rocky Mountains	Field Office Myton	
Total Depth (All) (ftKB) Original Hole - 6,384.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,298.0	Spud Date 6/22/1990	Final Rig Release Date 7/3/1990	Initial Completion - Start Date 9/6/1990	Initial Completion - End Date 9/18/1990	On Production Date 9/18/1990
Job Category Production / Workover		Primary Job Type Conversion		Secondary Job Type Basic		Job Status Cancelled	
AFE Number 45618	Total AFE Amount (Cost) 49,272.00	Total Field Estimate (Cost) 40,787.25	Total Final Invoice (Cost) 42,707.20	Job Start Date 9/8/2015	Job End Date		
Contractor NC			Rig Number 1	Rig Type			
Daily Operation: 9/8/2015							
Report Number 1	Report Start Date 9/8/2015 15:00	Report End Date 9/8/2015 18:00	Time Log Total Hours (hr) 3.00	Daily Field Est Total (Cost) 2,671	Cum Field Est To Date (Cost) 2,671		
24hr Activity Summary Rig up workover rig, fish rod string							
Time Log							
Start Time 15:00	Duration (hr) 0.50	End Time 15:30	Activity Description Rig Move	Comment Move rig from the 12-24-8-16 to the 13-33B-8-16			
Start Time 15:30	Duration (hr) 1.00	End Time 16:30	Activity Description Rig Up/Down	Comment SIRU workover rig			
Start Time 16:30	Duration (hr) 1.00	End Time 17:30	Activity Description General Operations	Comment TBG 1600 psi, Csg 400 psi, try to get well to die, hot oiler circulated 80 BBLS DWN CSG, up TBG, Well would not die, had both CSG and TBG open to flow back tank, SWIFN wait for pit to be dug			
Start Time 17:30	Duration (hr) 0.50	End Time 18:00	Activity Description Crew Travel	Comment Crew travel			
Daily Operation: 9/9/2015							
Report Number 2	Report Start Date 9/9/2015 06:00	Report End Date 9/9/2015 19:30	Time Log Total Hours (hr) 13.50	Daily Field Est Total (Cost) 10,197	Cum Field Est To Date (Cost) 12,868		
24hr Activity Summary LD rod string, NU BOP, Work TAC free, POOH TBG breaking and doping collars							
Time Log							
Start Time 06:00	Duration (hr) 0.50	End Time 06:30	Activity Description Crew Travel	Comment Crew travel			
Start Time 06:30	Duration (hr) 0.50	End Time 07:00	Activity Description Safety Meeting	Comment Crew safety meeting			
Start Time 07:00	Duration (hr) 1.00	End Time 08:00	Activity Description General Operations	Comment TBG 800 psi, CSG 800 psi, US oilfield services dug pit while hot oiler circulated oil out of wellbore, 80 BBLS			
Start Time 08:00	Duration (hr) 1.00	End Time 09:00	Activity Description Pressure Test	Comment Tried to TBG test pumped 30 BBLS DWN TBG 0 psi, shut in CSG and TBG pressure started coming up			
Start Time 09:00	Duration (hr) 0.50	End Time 09:30	Activity Description Pull Rod Pump	Comment Retrieve rod string, POOH laying down 5 rods, rods coated in oil			
Start Time 09:30	Duration (hr) 0.50	End Time 10:00	Activity Description Flush - Fresh Water	Comment Flush TBG 30 BBLS hot oiler 240 degrees			
Start Time 10:00	Duration (hr) 3.00	End Time 13:00	Activity Description Pull Rod Pump	Comment Pull 2 clean rods, third coated in oil, strip on DBL E, POOH laying down W/ 82- 7/8" 4pers, 131- 3/4" 4pers, 6 sinker bars, pump. A lot of rod wear on top and BTM of string			
Start Time 13:00	Duration (hr) 1.00	End Time 14:00	Activity Description Install BOP's	Comment X-O TBG Equipment, ND wellhead, NU BOP, RD workflow			
Start Time 14:00	Duration (hr) 1.00	End Time 15:00	Activity Description General Operations	Comment Work at trying to get TAC free, would go DWN hole, had troubles coming up hole, worked slowly rotating, foud hole in JNT 2, Layed down first 10 JNTS			
Start Time 15:00	Duration (hr) 2.50	End Time 17:30	Activity Description Pressure Test	Comment Flush TBG 35 BBLS hot oiler, drop standing valve, Follow W/ 45 BBLS hot oiler, catching 0 psi, RU sandline RIH down to 5300' making sure standing valve was on seat. Hook up hot oiler again same result 0 PSI			
Start Time 17:30	Duration (hr) 1.50	End Time 19:00	Activity Description Pull Tubing - Rack Back	Comment POOH slowly TAC still hanging up 60 JNTS breaking, cleaning and doping each collar			

NEWFIELD

Daily Activity Summary Federal 13-33B-8-16

Time Log						
Start Time	Duration (hr)	End Time	Activity Description	Comment		
19:00	0.50	19:30	Crew Travel	Crew travel		
Daily Operation: 9/10/2015						
Report Number	Report Start Date	Report End Date	Time Log Total Hours (hr)	Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)	
3	9/10/2015 06:00	9/10/2015 21:00	14.00	12,408	25,276	
24hr Activity Summary						
Finish POOH TBG, Test CSG						
Time Log						
Start Time	Duration (hr)	End Time	Activity Description	Comment		
06:00	0.50	06:30	Crew Travel	Crew travel		
06:30	0.50	07:00	Safety Meeting	Crew safety meeting		
07:00	1.50	08:30	Pull Tubing - Rack Back	Continue to POOH breaking and doping collars, well flowing turning to oil		
08:30	1.50	10:00	Circulate	Circulate out oil 70 BBLs hot oiler		
10:00	1.00	11:00	Pull Tubing - Rack Back	Finish POOH 144 JNTS in derrick, TAC hanging up at 1750+/-, LD 23 BTM JNTS, finding 3 more holes and TBG parted just above TAC, (Corrosion), leaving TAC, 1 JNT, SN, 2 JNTS, NC in hole		
11:00	1.50	12:30	Run Tubing - Out of Derrick	RIH W/ bit/ scraper, SN, 175 JNTS to 5600'		
12:30	1.50	14:00	Pressure Test	FLush TBG 30 BBLs drop standing valve, test TBG to 3,000 psi, (good) retrieve standing valve, POOH TBG		
14:00	1.00	15:00	Run Tubing - Out of Derrick	Make up 32A Packer, RIH to 1554', setting tool to test tool		
15:00	1.50	16:30	General Operations	Pressure CSG to 1500psi, leaking off very quickly, noticing water surfacing around wellhead, dig around CSG flange, pressure up again, watching leak out of CSG flange		
16:30	0.50	17:00	Pull Tubing - Rack Back	After talking W/ engineer, it was decided to POOH with TBG/ Packer		
17:00	1.00	18:00	Run Tubing - Out of Derrick	MU plug on BTM of packer, RIH stopping to test P&P just above perms setting Plug @1806, and packer @1554		
18:00	1.50	19:30	Pressure Test	Pump up to 1500 psi, dropping dwn to 1000 psi instantly, loosing another 350psi in 30 min, pump back up to 1500 dropping back to 1000 instantly, loosing 350 over next 30 min, SWIFN		
19:30	0.50	20:00	Crew Travel	Crew travel		
Daily Operation: 9/14/2015						
Report Number	Report Start Date	Report End Date	Time Log Total Hours (hr)	Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)	
4	9/14/2015 06:00	9/14/2015 13:30	7.50	15,512	40,787	
24hr Activity Summary						
POOH Plug/ Packer, RIH arrowset RD						
Time Log						
Start Time	Duration (hr)	End Time	Activity Description	Comment		
06:00	0.50	06:30	Crew Travel	Crew Travel		
06:30	0.50	07:00	Safety Meeting	Crew Safety meeting		
07:00	2.00	09:00	General Operations	TBG 200psi, CSG 0psi, Release Packer, Latch onto Plug open up to equalize, bleed dwn Well 800 PSI		
09:00	0.50	09:30	Pull Tubing - Rack Back	POOH TBG, LD Plug/ Packer		

NEWFIELD

Daily Activity Summary Federal 13-33B-8-16

Time Log				
Start Time	Duration (hr)	End Time	Activity Description	Comment
09:30	1.00	10:30	Run Tubing - Out of Derrick	PU Arrow set packer, RIH W/ 141 JNTS
10:30	1.00	11:30	General Operations	Spray down rig floor, BOP, wellhead, and tools W/ hot oiler
11:30	1.00	12:30	Remove BOP's	RD workflow, ND BOP, set packer W/ 15,000 compression @ 4551, RU Wellhead
12:30	1.00	13:30	Rig Up/Down	Rig down workover

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: UTU-49092
		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: FEDERAL 13-33-B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013312770000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972 FSL 0652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 08.0S Range: 16.0E 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: 9/20/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above mentioned well was temporarily abandoned on 9/20/2013.
See attached daily report.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 09, 2015**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/9/2015	

Day 1

NEWFIELD		Final Daily Workover Report		Well Name:	FEDERAL 13-33B-8-16
		LOE		AFE:	
Field:	GMBU CTB1	Rig Name:	NC #1	Report Date:	9/20/2013
Location:	S33 T8S R16E	Supervisor:	Jeremy Silcox	Operation:	P&A Complete
County:	DUCHESNE	Phone:	435- 823-6733	Work Performed:	9/19/2013
State:	UT	Email:	jsilcox@newfield.com	Day:	1
Reason for Workover:	Temporary Plug			Daily Cost:	\$8,320
				Cum DWR:	\$8,320

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:	MIRUSU, US Rod Pump, Stack Out Rods, MU Bull Plg, RDMOSU				
24 Hr. Plan Forward:	P& Aed				
Incidents	None	Newfield Pers:	5	Contract Pers:	1
		Conditions:			

Critical Comments

Polished Rod LD, Rod String Stacked Out

Activity Summary

P: Moved From GMBU U-32-8-16: Waited on location preparation, MIRUSU, RDPU, BMW H/Oiler pmped 60BW w/ biocide d/ csg @ 800psi, Bleed down tbg @ 1.5BPM w/ 130psi for 90min, LD polished rod, US rod pmp, Soft seat pmp, Left rods stacked out, MU 3" bull plg on top of flow T, SWI, RDMOSU...FINAL RIG REPORT!!

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		306									
Production	5 1/2"	15.5	J-55	STL		6384	6289		970'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB											
Tubing	109	2-7/8"	6.5	J-55	8 RND EUE	3365.3		3365.29'			
Tubing	68	2-7/8"	6.5	J-55	8 RND EUE	2186.1	3365.3	5551.41'			
Tubing Anchor	1	5 1/2"	6.5	J-55	8 RND EUE	2.8	5551.4	5554.21'			
Tubing	1	2-7/8"	6.5	J-55	8 RND EUE	31.4	5554.2	5585.61'	A		
Seating Nipple	1	2-7/8"	6.5	J-55	8 RND EUE	1.1	5585.6	5586.71'			
Tubing	2	2-7/8"	6.5	J-55	8 RND EUE	63.5	5586.7	5650.16'			
Notched Collar	1	2-7/8"	6.5	J-55	8 RND EUE	0.5	5650.2	5650.61'			

Rod Detail Data

Count	Component	Size	Grade	Length	Top	Bottom	Comments
1	Polish Rod	1 1/2"	4140	22		22	Layed Down
1	Pony Rod	7/8"	Norris 78	2	22	24	
1	Pony Rod	7/8"	Norris 78	4	24	28	
1	Pony Rod	7/8"	Norris 78	6	28	34	
1	Pony Rod	7/8"	Norris 78	8	34	42	
85	Guided Rod	7/8"	Norris 78	2125	42	2167	
131	Guided Rod	3/4"	Norris 54	3275	2167	5442	
5	Sinker Bar	1 5/8	C(API)	125	5442	5567	
1	Sinker Bar	1 1/2"	C(API)	25	5567	5592	

Pump Information

Stroke Length:		SPM:		Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:		Motor Description:					

Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
Insert Pump	2.5	12'	15'		1.75	RHAC

psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate	Gas Vol	Gas Rate
Daily Total									
Well Total									

Well Costs

Code	Description	Comments	Daily	Cumulative
890120	Fluid Disposal	Sheilds trucking	\$500.00	\$500.00
890128	Hot Oiling Services	BMW Hot Oil	\$1,190.00	\$1,190.00
890139	Labor - Company Supervision	NDSI Supervision Jeremy Silcox	\$150.00	\$150.00
890143	Location Preparation	Benco Anchors 3- New	\$2,500.00	\$2,500.00
890150	Rig costs - Dayrate	NC #1	\$3,255.00	\$3,255.00
890162	Transportation - Land	Zubaite trucking \$500, WWS \$75	\$575.00	\$575.00
890304	Completion Fluids	NDSI wtr 1- load	\$150.00	\$150.00
Total Intangibles:			\$8,320.00	\$8,320.00
Total Tangibles:			\$0.00	\$0.00
Total Daily Costs:			\$8,320.00	\$8,320.00

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FEDERAL 13-33-B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013312770000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972 FSL 0652 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 33 Township: 08.0S Range: 16.0E 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/15/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="GPS Coord. Dry hole marker"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Attached are the GPS coordinates for the dry hole marker for the Federal 13-33B-8-16. This well was P&A'd on 10/29/15.		
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 12/15/2015

NEWFIELD EXPLORATION COMPANY

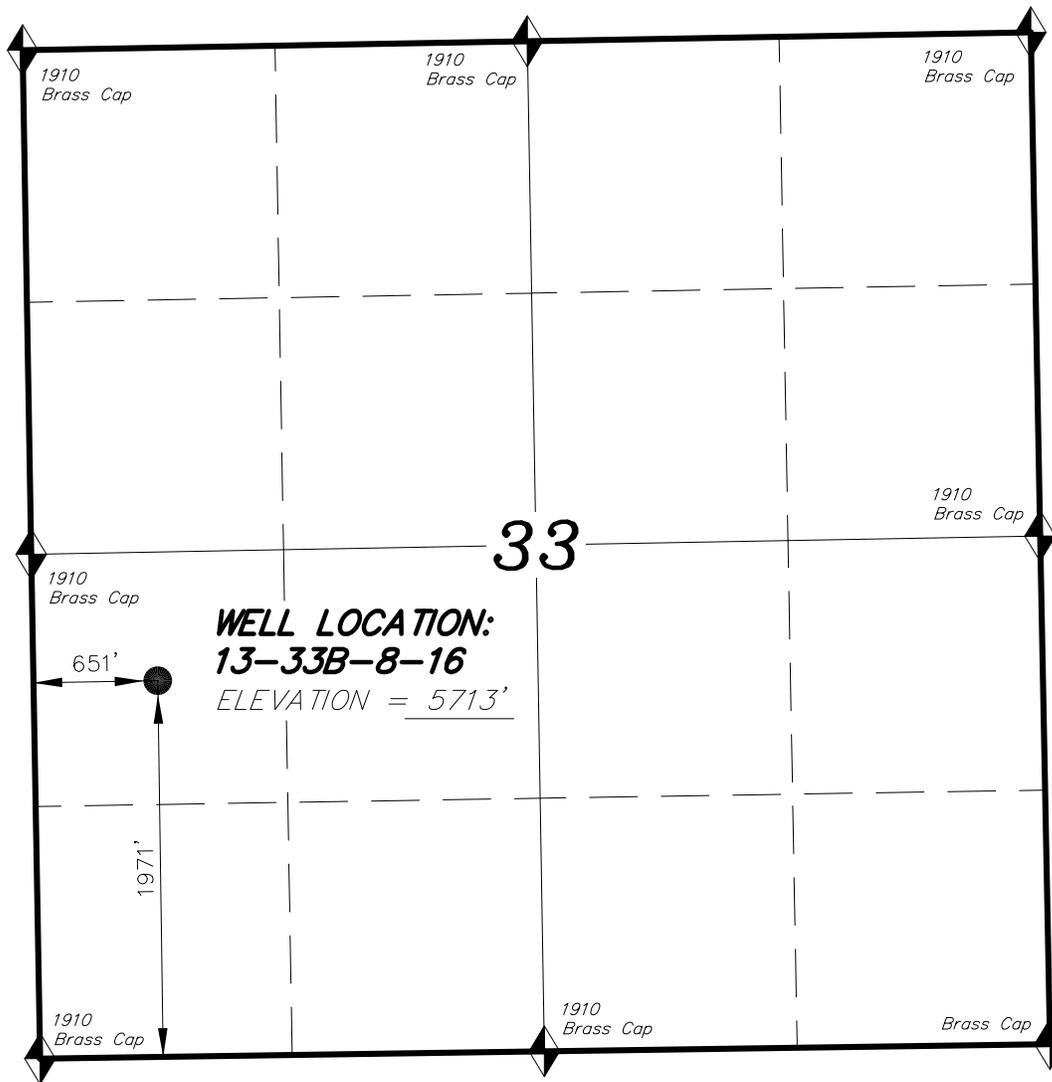
EXISTING WELL 13-33B-8-16

NW 1/4 SW 1/4 of Section 33, T8S, R16E, S.L.B.&M.

Lease Number: UTU-49092

NAD 83 (SURFACE LOCATION)

LATITUDE = 40.072593°
LONGITUDE = 110.131535°



SURVEYED BY: D.P.

DATE SURVEYED: 10-28-15

DRAWN BY: R.V.C.

DATE DRAWN: 11-02-15

REVISED:

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

(435) 781-2501