

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Completed *2-23-78*

Location Inspected
Bond released
State or Fee Land

W..... WW..... TA.....
SIGW. ✓... OS..... PA.....

LOGS FILED
LOGS FILED

Driller's Log ✓
Driller's Log ✓
Electric Logs (No.) ✓
Electric Logs (No.) ✓
Dual I Lat GR N Micro
Dual I Lat GR N Micro
Lat Mi-L Sonic
Lat Mi-L Sonic

2-23-78 Shut-in gas well

P.O. Box 250
Big Piney, Wyoming 83113
Telephone (307) 276-3331

Belco Petroleum Corporation

Belco

July 29, 1977

**Mr. Edgar W. Gynn, District Engineer
United States Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138**

**RE: Natural Buttes Unit 12-23B
SW NW Section 23, T9S, R20E
Uintah County, Utah**

Dear Mr. Gynn:

**Attached is an Application for Permit to Drill, Survey
Plats, Surface Use and Operating Plan and Minimum BOP Diagram for
the Natural Buttes Unit 12-23B well.**

**This is being resubmitted due to moving the proposed
location.**

Very truly yours,

BELCO PETROLEUM CORPORATION

**SIGNED BY
LEO R. SCHUELER**

**Leo R. Schueler
District Manager**

RAS/rgt

Attachments

**cc: Utah Oil & Gas Commission
Houston
Denver
File**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX 250, BIG PINEY, WYOMING 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface: **1500' PHL & 660' FWL (SW NW)**
 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) **1500'**
 16. NO. OF ACRES IN LEASE **2360**
 17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **4100'**
 19. PROPOSED DEPTH **6700'**
 20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4840' Nat. G.L. 4
 22. APPROX. DATE WORK WILL START* **August, 1977**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36.04 K-55	200'	400 cu
7 7/8"	4 1/2"	11.64 K-55	6700'	400 cu

1. Surface Formation - Uinta
2. Est. Log Tops: Green River 1424', Wasatch 5160'.
3. Anticipate water thru the Uinta and Upper Green River. Anticipate gas in the Lower Green River and Wasatch at 4002', 5737', and 6302'.
4. Casing Design: New casing as above.
5. Minimum BOP; 8" 3000 psi hydraulic double gate. Test to 1000 psi before drilling surface plug. Test daily and on each trip for bit.
6. Mud Program: A water base gel-oil emulsion mud weighted to 16.5 ppg will be used to control the well.
7. Auxiliary Equip: 2" - 3000 psi choke manifold and kill line, holly sock, stabbing valve, visual mud monitoring.
8. Testing, logging, and coring: Run BIL, CNL-FDC-FR with Caliper logs. No cores or DST's are anticipated.
9. No abnormal pressures or problems are anticipated.
10. Operations will commence approx. August, 1977, and end approx September, 1977.

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 Robert Springman TITLE **ENGINEERING TECHNICIAN** DATE **1/25/77**

(This space for Federal or State office use)
 PERMIT NO. B-044-30308 APPROVAL DATE

APPROVED BY _____ TITLE _____ DATE: Feb 14 1977
 CONDITIONS OF APPROVAL, IF ANY: _____
 BY: Clayton B. Knight

5. LEASE DESIGNATION AND SERIAL NO.
UTAH 0577A

6. INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME
NATURAL BOTTOM UNIT

WELL NO. **12-23B**

7. BOUND AND POOL OR DISCAT
SW - Wasatch

8. SEC. T. R. M. OR BLM SURVEY OR AREA
Section 13, T2S, R20E

9. COUNTY OR PARISH STATE
Uintah Utah

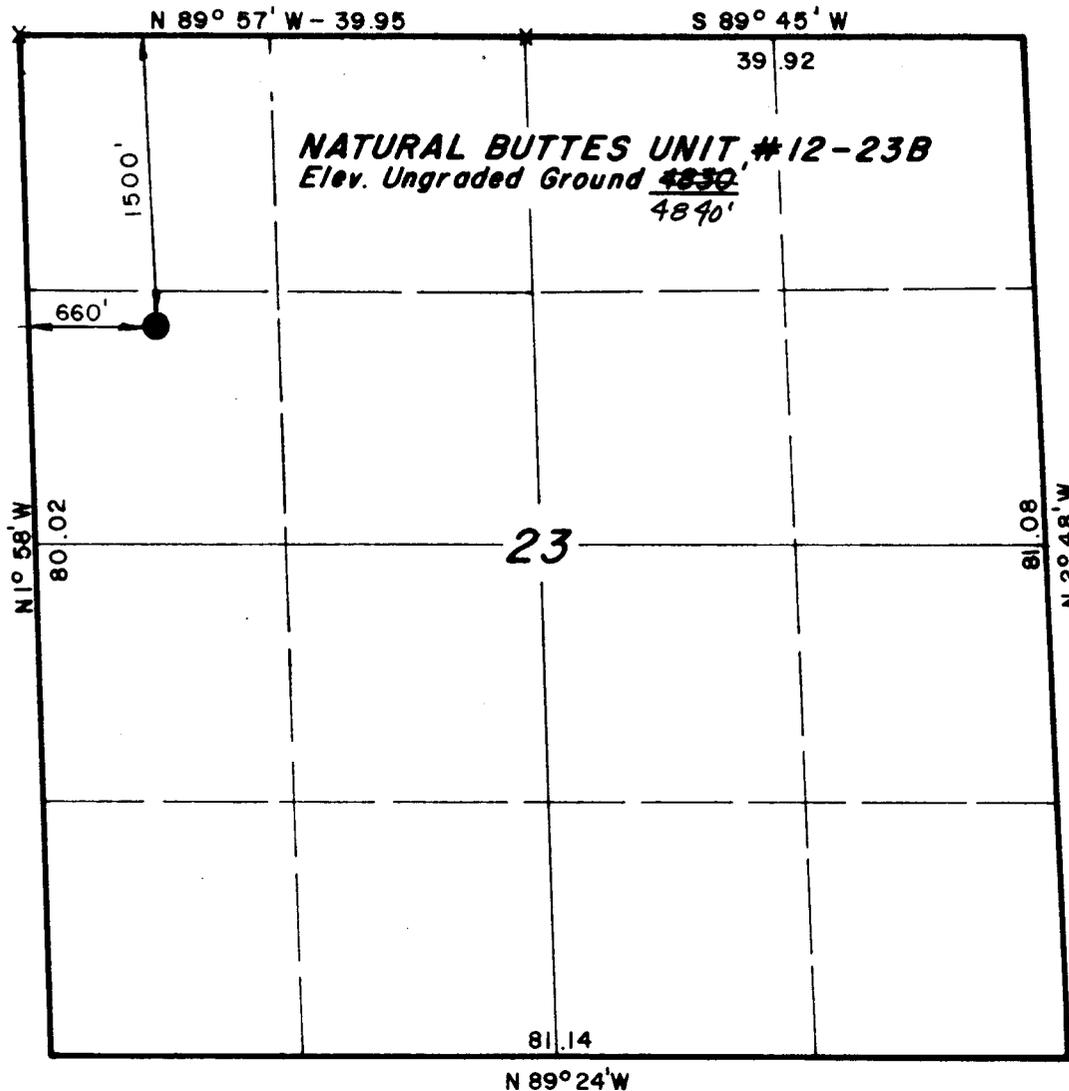
T9S, R20E, S.L.B.&M.

PROJECT
BELCO PETROLEUM CORPORATION

Well location, *NATURAL BUTTES UNIT*
 #12-23B, located as shown in the SW1/4
 NW1/4 Section 23, T9S, R20E, S.L.B.&M.
 Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' North = 4840'
 " " " " South = 4843'
 " " " " East = 4842'
 " " " " West = 4841'



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.

Lawrence E. Kay

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

Revised 07/28/77
 Revised 07/06/77

UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6-30-77
PARTY D.A.	REFERENCES GLO Plat
WEATHER Warm	FILE BELCO PETROLEUM

X = Section Corners Located

Amended

ATTACHMENT 2-A

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION EIA NO. 597

DATE 8-29-77

OPERATOR Bilco
 LEASE # Utah 0572A
 WELL NO. 12-23B
 LOC. SW 1/4 SW SEC. 23
 T. 9 S R. 20 E
 COUNTY Uintah STATE Ut.

FIELD N.B.U.
 USGS Cook
 B.I.P. Roberts Valley
 REP: Smith
 DIRT Risse
 ENHANCES
 NO IMPACT
 MINOR IMPACT
 MAJOR IMPACT

Construction	Pollution	Drilling Production	Transport Operations	Accidents	Others
Roads, bridges, airports	Burning, noise, junk disposal	Well drilling	Trucks	Spills and leaks	
Transmission line, pipelines	Liquid effluent discharge	Fluid removal (Prod. wells, facilities)	Pipelines	Operational failure	
Dams & impoundments	Subsurface disposal	Secondary Recovery	Others		
Others (pump stations, compressor stations, etc.)	Others (toxic gases, noxious gas, etc.)	Noise or obstruction of scenic views			
		Mineral processing (ext. facilities)			
		Others			

Land Use	Forestry	NR							
	Grazing	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Wilderness	NR							
	Agriculture	NR							
	Residential-Commercial	NR							
	Mineral Extraction	NR							
	Recreation	✓ 0 / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Scenic Views	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Parks, Reserves, Monuments	NR							
	Historical Sites	none known							
Flora & Fauna	Unique Physical Features	NR							
	Birds	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Land Animals	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Fish	NR							
	Endangered Species	none known							
Phy. Charact.	Trees, Grass, Etc.	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Surface Water	NR							
	Underground Water	?							
	Air Quality	✓	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
	Erosion	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /
Other									
Effect On Local Economy	✓ 0 0 0		0		0				
Safety & Health	✓ / / /	✓ / /	✓ /	✓ /	✓ /	✓ /	✓ /	✓ /	
Others	Orig. File cc: Reg - Same BTA - H. Suchman w/o notes Utah State Oil and Gas								

LEASE Utah 05717

DATE 8-29-77

WELL NO. 12-238

LOCATION: SW 1/4 NW 1/4, SEC. 23, T. 9S, R. 20E

FIELD N.B.U. COUNTY Uintah STATE Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Bulco Development Corp (COMPANY) PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 6700 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 120 FT. X 250 FT. AND A RESERVE PIT 20 FT. X 200 FT.

3) TO CONSTRUCT 20 FT. WIDE X 300 ft ~~MILES~~ ACCESS ROAD AND UPGRADE

FT. WIDE X _____ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD, TO

GAS OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD

AND TRUCK TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN

SECTION 23, T. 9S, R. 20E.

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ROLLING HILLS DISSECTED TOPOGRAPHY DESERT OR PLAINS STEEP CANYON SIDES NARROW CANYON FLOORS DEEP DRAINAGE IN AREA SURFACE WATER _____

(2) VEGETATION: SAGEBRUSH PINION-JUNIPER PINE/FIR FARMLAND (CULTIVATED) NATIVE GRASSES OTHER _____

(3) WILDLIFE: DEER ANTELOPE ELK BEAR SMALL
MAMMAL BIRDS ENDANGERED SPECIES OTHER _____

(4) LAND USE: RECREATION LIVESTOCK GRAZING AGRICULTURE
 MINING INDUSTRIAL RESIDENTIAL OIL & GAS OPERATIONS

B.I.A. does not have E.A.R.
REF: ~~BLM~~ UMBRELLA EAR
~~USFS~~ EAR
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

SALT LAKE CITY UTAH
SEP 8 1977
RECEIVED
U.S. GEOLOGICAL SURVEY
OIL AND GAS DIVISION
2

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED _____ TO AVOID _____
 LARGE SIDEHILL CUTS NATURAL DRAINAGE OTHER _____

4) _____

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6) _____

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED 8-29-77

INSPECTOR A. R. Cook

W. T. Martin

U. S. GEOLOGICAL SURVEY
CONSERVATION DIVISION - OIL & GAS OPERATIONS
SALT LAKE CITY DISTRICT

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
BELCO PETROLEUM CORPORATION # 12-23B	200' FNL & 1693' FWL (NE 1/4 NW 1/4) SEC. 23, T.9S., R.20E., SLM JINTAH COUNTY, UTAH Gr. El. 4830'	UTAH 0577A

1. **Stratigraphy and Potential Oil and Gas Horizons.** The surface rocks are Uinta. The operator anticipates gas in the Lower Green River and Wasatch. Gas. Production Entr. # 7 (Gr. El. 4835') same section, reported the Green River at 1740' and the Wasatch at 5153'. Estimated tops by operator are reasonable.
2. **Fresh Water Sands.** Fresh or usable water may occur in the sands of the Uinta and Green River Formations.
3. **Other Mineral Bearing Formations.** In an area considered valuable (Coal, Oil Shale, Potash, Etc.) prospectively for solid and semi-solid bitumens (Bileonite). In oil shale with a yield (E.O. 5327). Cashion map (1968 open file) shows location is underlain by oil shale sequence about 40' thick that will yield 25 gallons/ton. Oil shale beds (Triassic zone most prominent) of the Green River (Borealis) Formation should be protected.
4. **Possible Lost Circulation Zones.** Unknown. Triassic may be encountered at approximately 5580± feet.
5. **Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.** Protect any fresh water aquifers penetrated.
6. **Possible Abnormal Pressure Zones and Temperature Gradients.** None expected by operator.
7. **Competency of Beds at Proposed Casing Setting Points.** Probably adequate.
8. **Additional Logs or Samples Needed.** In oil shale area where Cashion indicates that some gamma ray, electric density and neutron logs are valuable for oil shale study.
9. **References and Remarks** Within KGS.

Date: JUL 15 1977
 [Signature] Signed: R.E.G.

UNITED STATES
DEPARTMENT OF THE INTERIOR.
GEOLOGICAL SURVEY

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
 BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
 P. O. BOX 250, BIG PINEY, WYOMING 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 1500' FNL & 660' FWL (SW NW)
 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)
 1500'

16. NO. OF ACRES IN LEASE
 2360

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 4100'

19. PROPOSED DEPTH
 6700'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4840' Nat. G.L. ½

22. APPROX. DATE WORK WILL START*
 August, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36.0# K-55	200'	200 sx
7 7/8"	4 1/2"	11.6# K-55	6700'	400 sx

1. Surface Formation - Uinta
2. Est. Log Tops: Green River 1424', Wasatch 5160'.
3. Anticipate water thru the Uintah and Upper Green River. Anticipate gas in the Lower Green River and Wasatch at 4002', 5737', and 6302'.
4. Casing Design: New casing as above.
5. Minimum BOP; 8" 3000 psi hydraulic double gate. Test to 1000 psi before drilling surface plug. Test daily and on each trip for bit.
6. Mud Program: A water base gel-oil emulsion mud weighted to 10.5 ppg will be used to control the well.
7. Auxiliary Equip: 2" - 3000 psi choke manifold and kill line, kelly cock, stabbing valve, visual mud monitoring.
8. Testing, logging, and coring: Run D/L, CNL-FDC-FR with Caliper logs. No cores or DST's are anticipated.
9. No abnormal pressures or problems are anticipated.
10. Operations will commence approx. August, 1977, and end approx September, 1977.

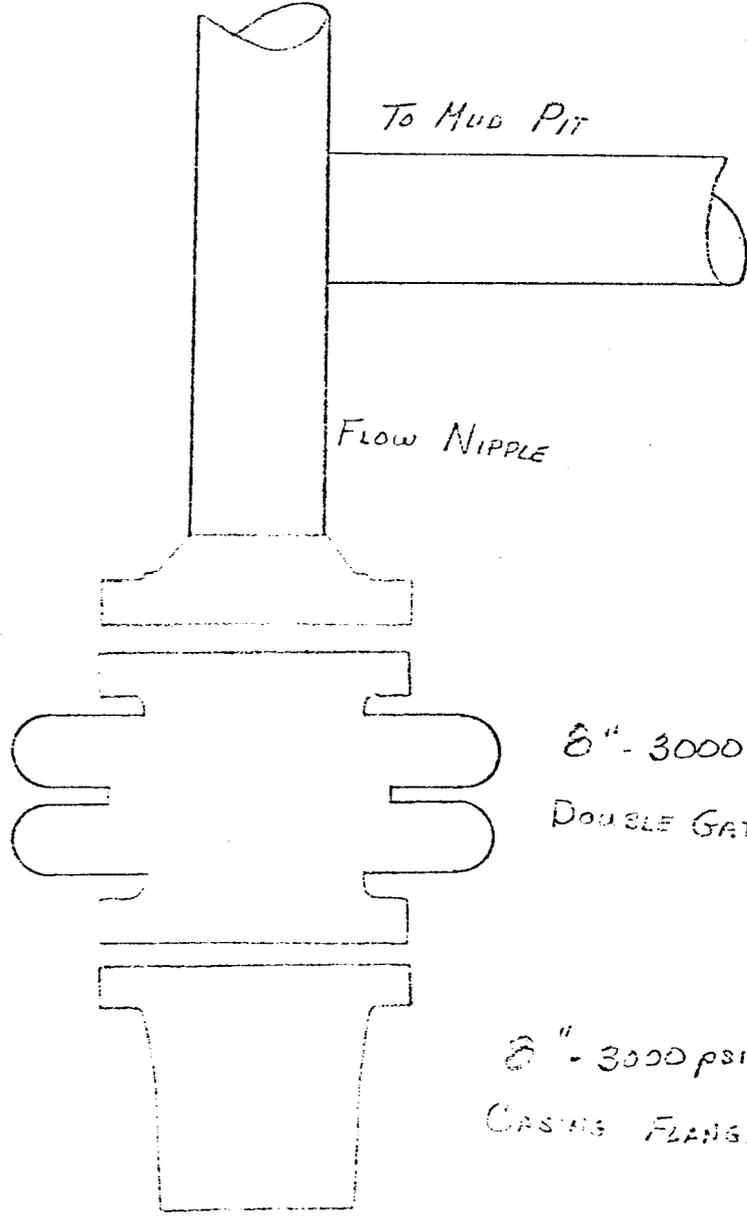
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED Robert Spingman TITLE ENGINEERING TECHNICIAN DATE 7/29/77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE SEP 16 1977

CONDITIONS OF APPROVAL, IF ANY:
Approval notice Utah State Oil and Gas



To Mud Pit

Flow Nipple

8" - 3000 psi Hydraulic
DOUBLE GATE BOP

8" - 3000 psi
CASING FLANGE

MINIMUM
ROF STRENGTH

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Aug. 5
Operator: Bulco Petroleum
Well No: Natural Butte 12-23B
Location: Sec. 23 T. 9S R. 20E County: Uintah

File Prepared Entered on N.I.D.
Card Indexed Completion Sheet

CHECKED BY:

Administrative Assistant [Signature]
Remarks: OK - In Unit
Petroieum Engineer [Signature]
Remarks:
Director [Signature]
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required Survey Plat Required
Order No. Surface Casing Change
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3 O.K. In Nat. Butte Unit

Other:

Letter Written/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5

5. LEASE DESIGNATION AND SERIAL NO.

UTAH 0577A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.

12-23B

10. FIELD AND POOL, OR WILDCAT

NBU - WASATCH

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

SEC. 23, T9S, R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

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
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P. O. BOX 250, BIG PINEY, WYOMING 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface
1500' FNL & 660' FWL (SW NW)

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

30308

DATE ISSUED

8/4/77

15. DATE SPUNDED

1/8/78

16. DATE T.D. REACHED

1/29/78

17. DATE COMPL. (Ready to prod.)

2/23/78

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4852' KB

19. ELEV. CASINGHEAD

4840'

20. TOTAL DEPTH, MD & TVD

6500'

21. PLUG, BACK T.D., MD & TVD

6478'

22. IF MULTIPLE COMPL., HOW MANY*

→

23. INTERVALS DRILLED BY

ROTARY TOOLS

ALL

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6078' to 6387' WASATCH

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL-FDC-GR

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
9-5/8"	36.0#	197'	12 1/2"	200 sx Class "G"	NONE
4 1/2"	11.6#	6500'	7-7/8"	1095 sx 50-50 Pozmix	NONE

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6400'	

31. PERFORATION RECORD (Interval, size and number)

6088-90' 6229-31' 6356-58'
6099-6101' 6243-45' 6379-81'
6115-17' 6272-74'
6124-26' 6306-06'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6088-6381'	124,000 gal YF4G w/60,000# 100 mesh & 200,000# 20/40 mesh sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
2/23/78	FLOWING—SHUT IN awaiting pipeline conn.	SHUT IN					
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/27/78	24	32/64"	→	--	3975	--	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
900	1400	→	--	3975	--	--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

AL MAXFIELD

35. LIST OF ATTACHMENTS

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

SIGNED *Robert Spingma*

TITLE ENGINEERING TECHNICIAN

DATE 3/21/78

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
GREEN RIVER	1727'	+3125
WASATCH	5144'	- 292
Chaptia Wells	5721'	- 869
Buck Canyon	6286'	-1434

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

FIELD CODE 660-01-11		FIELD NAME NATURAL BUTTES				OPERATOR CODE 0828		OPERATOR NAME RELCO PETROLEUM CORP.				WELL NAME NATURAL BUTTES				12-23	
WELL CODE 72910	SECT. 23	LOCATION TWN/R/BLK 9S 20E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION WASATCH SA		FLOW TEST				1					

WELL ON (OPEN)										FLOW TEST																									
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TUBING PRESSURE		STATIC PRESSURE		FLOWING STRING TUBING Casing										
MO.	DAY	YR.	MO.	DAY	YR.																														
11	12	13	14	15	16	17	18	19	20	21	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	76
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	15	81	09	22	81	00	500	2	067			0.609	100	007070	0070	086			210	258															

WELL-OFF (SHUT-IN)			SHUT-IN TEST										SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.													
			PRESSURE TAKEN			DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																									
MO.	DAY	YR.	MO.	DAY	YR.																														
11	12	13	14	15	16	17	18	19	20	21	22	23	28	29	34	35	38	39	44	45	49	50	53	54	55										
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E										
06	13	81	06	16	81	00	820	00	850			627	1	9950	7000																				

METER STAMP: 72910 00500

REMARKS: off 52 hour than on 1 year that in some the well was open at time of shut-in by possibly back to 0

Signature: P. P. [unclear]

OPERATOR: _____

COMMISSION: _____

ONE-POINT BACK PRESSURE TEST FOR NATURAL GAS WELLS

COMPANY: BELCO PETROLEUM CORP.		LEASE: NATURAL BUTTES			WELL NUMBER: 12-23	
FIELD: NATURAL BUTTES AREA		PRODUCING FORMATION: WASATCH SA		COUNTY UINTAH COUNTY		
SECTION: 23	TOWNSHIP: 3S	RANGE: 20E	PIPELINE CONNECTION: COLORADO INTERSTATE GAS COMPANY			
CASING (O.D.):	WT./FT.:	I.D.:	SET AT:	PERF.:	TO:	
TUBING (O.D.):	WT./FT.:	I.D.:	SET AT:	PERF.:	TO:	
PAY FROM:	TO:	L: 7000 (Estimated)	G(RAW GAS): .523	GL: 4361.000	d _e : 1.9950 (Estimated)	
PRODUCING THRU: TUBING	STATIC COLUMN: YES	PACKER (S) SET @:	G (SEPARATOR): .623	METER RUN SIZE: 2.367 " (FLANGE)	ATTRIBUTABLE ACREAGE:	

DATE OF FLOW TEST:		9- 2-78	9- 5-78	OBSERVED DATA				
ORIFICE SIZE INCHES	METER DIFFERENTIAL RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	FLOWING TEMPERATURE t	CASING WELLHEAD PRESSURE		TUBING WELLHEAD PRESSURE	
					p.s.i.g.	p.s.i.a.	p.s.i.g.	p.s.i.a.
1.000	100	470.0	1.50	93	652.0	665.0	474.0	487.0

RATE OF FLOW CALCULATIONS								
24 HOUR COEFFICIENT	METER PRESSURE p.s.i.a.	hw	p _{mhw}	EXTENSION $\sqrt{p_{mhw}}$	GRAVITY FACTOR F _g	FLOWING TEMP. FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R MCFD
5073.0	483.0	2.25	1086.750	32.966	1.267	.9697	1.0358	212.82

DATE OF SHUT-IN TEST:		9- 8-78							PRESSURE CALCULATIONS	
SHUT-IN PRESSURE:		CASING: 846.0 p.s.i.g.		TUBING: 671.0 p.s.i.g.		BAR. 13.000 p.s.i.		P _c 859.0 p.s.i.a.		P _c ² 737881.0
P _w p.s.i.a.	P _w ²	P _r	T _r	Z						
665.0	442225.0									

POTENTIAL CALCULATIONS		
(1) $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} =$ 2.4957	(2) $\left[\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$ 1.7695	(3) R $\left[\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$ 377
CALCULATED WELLHEAD OPEN FLOW 377 MCFD @ 14.65		BASIS OF ALLOCATION:
APPROVED BY COMMISSION:		SLOPE n: .624 (Average)
CONDUCTED BY:		CHECKED BY:

I, _____, BEING FIRST DULY SWORN ON OATH, STATE THAT I AM FAMILIAR WITH FACTS AND FIGURES SET FORTH IN THIS REPORT, AND THAT THE REPORT IS TRUE AND CORRECT.

SIGNATURE AND TITLE OF AFFIANT

COMPANY

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, 19 _____

MY COMMISSION EXPIRES _____

NOTARY PUBLIC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on
reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

Ut 0577A

1210.1

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

9. WELL NO.

12-23B

10. FIELD AND POOL, OR WILDCAT

NBU Wasatch

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA

Sec. 23, T9S, R20E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P. O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1500' FNL & 660' FWL (SW/NW)

14. PERMIT NO.
43-047-30308

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
4852'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. 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.)*

This well was turned back to production on 11-10-86

RECEIVED
DEC 05 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED J. Baal

TITLE District Superintendent

DATE 12-02-86

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

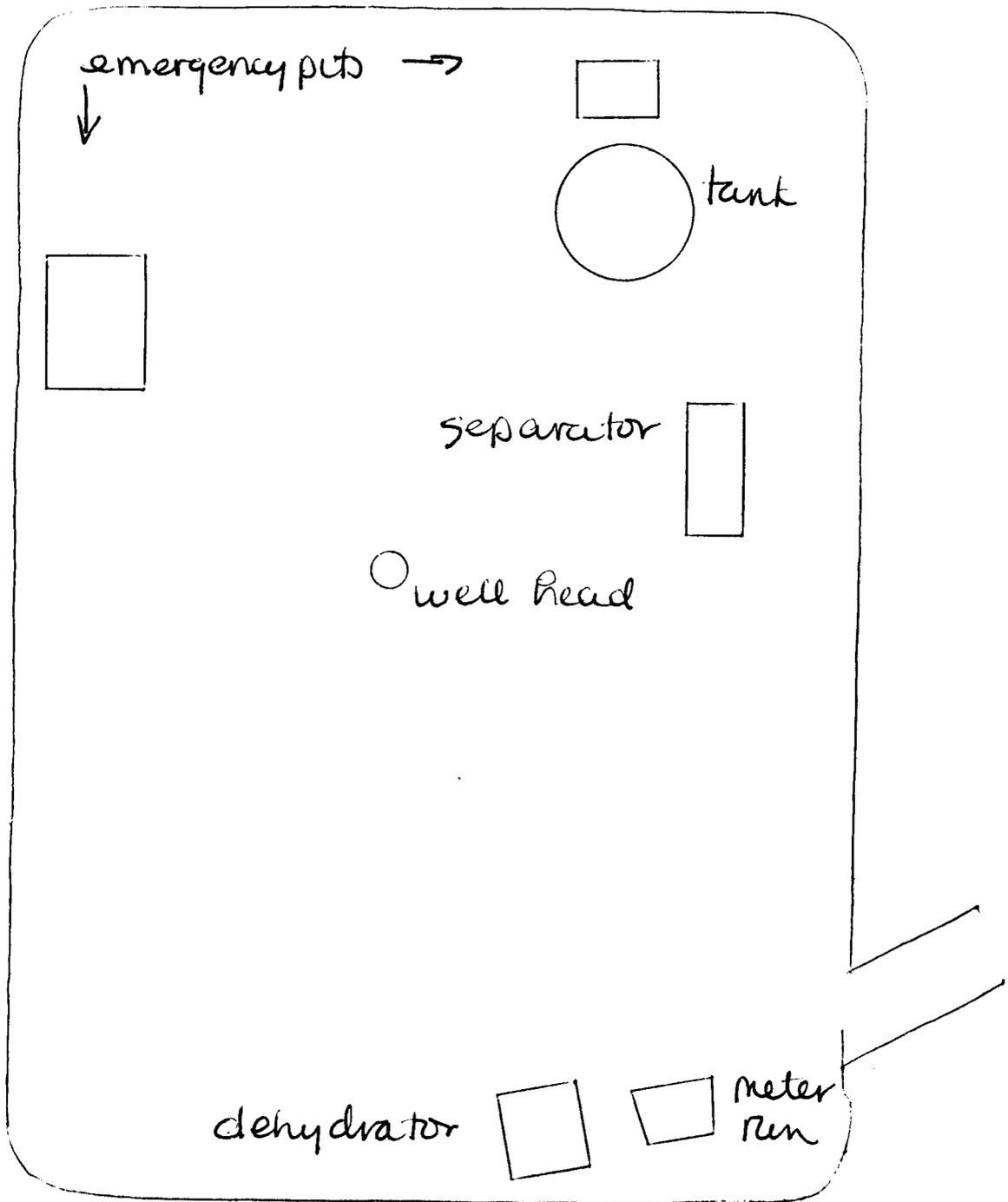
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NBU 12-23B

Sec 23, T95, R20E

Hubly 1/4/89



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Category No. 1004-0135

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
2. NAME OF OPERATOR ENRON OIL & GAS CO.		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 1815, VERNAL, UTAH 84078		9. WELL NO. 12-23B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1500' FNL & 660' FWL (SW/NW)		10. FIELD AND POOL, OR WILDCAT NBU WASATCH	
14. PERMIT NO. 43-047-30308		15. ELEVATIONS (Show whether DF, ST, OR, etc.) 4852'	
		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA SEC. 23, T9S, R20E	13. STATE UTAH

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) TANK REMOVAL <input type="checkbox"/>	

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

17. 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.)*

THIS IS TO INFORM YOU THAT THE COND. TANK HAS BEEN REMOVED FROM THIS LOCATION. ATTACHED PLEASE FIND A REVISED WELLSITE DIAGRAM.

18. I hereby certify that the foregoing is true and correct
SIGNED Linda L. Wall TITLE Asst. Admin. Clerk DATE 6-7-89
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

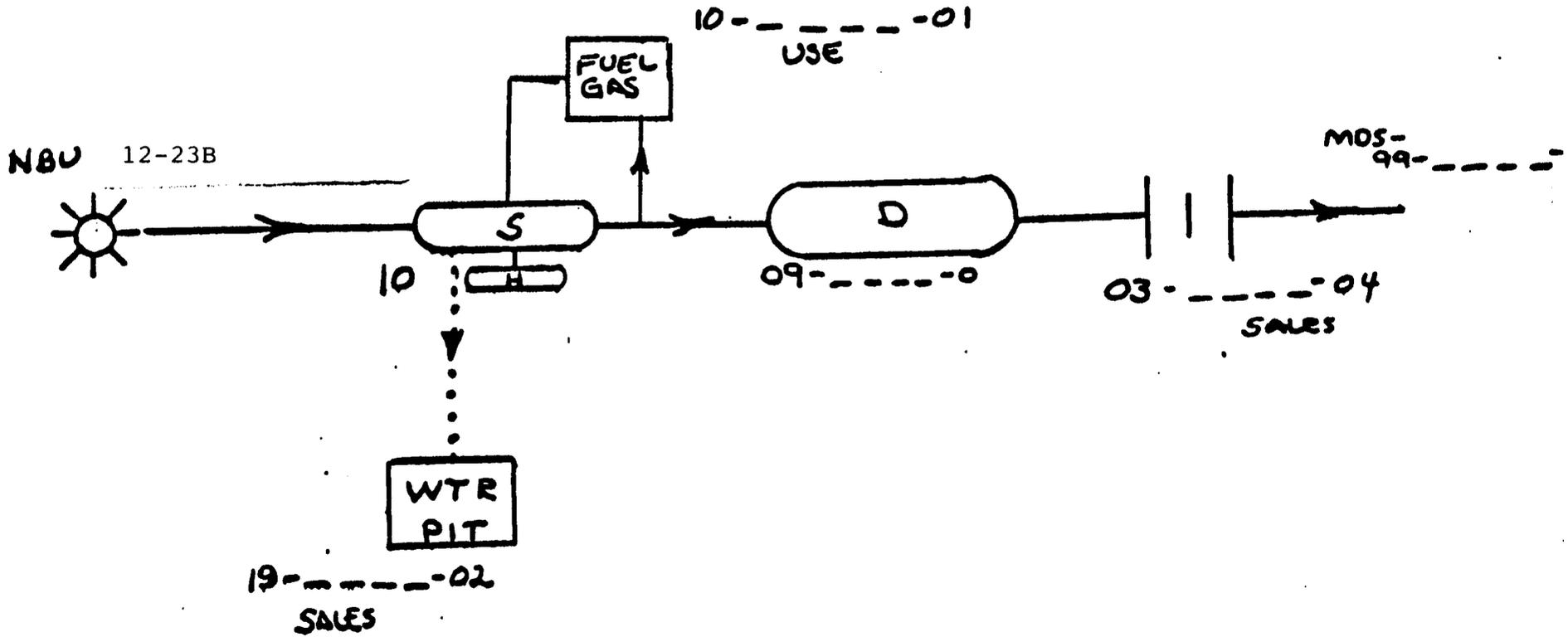
*See Instructions on Reverse Side

NATURAL BUTTES 12-23B
SEC. 23, T9S, R20E
UINTAH CO., UTAH

CREG BOWTHORPE
PRODUCTION FOREMAN _____

___ GAS - . . - COND
- - OIL WTR

CONFIGURATION ID - - - -



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
 (Other instructions on re-
 verse side)

Budget Bureau No. 1004-0135
 Expires August 31, 1985

5

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells in a closed reservoir.
 Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED
 NOV 08 1989
 DIVISION OF
 OIL, GAS & MINING

1 OIL WELL GAS WELL OTHER

2 NAME OF OPERATOR
 ENRON OIL & GAS COMPANY

3 ADDRESS OF OPERATOR
 P. O. BOX 1815 VERNAL, UTAH 84078

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
 See also space 17 below.)
 At surface
 1500' FN1 & 660' FWL (SW/NW)

5 LEASE DESIGNATION AND SERIAL NO.
 U 0577A

6 IF INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8 PART OR LEASE NAME

9 WELL NO.
 12-23B

10 FIELD AND POOL, OR WILDCAT
 NBU WASATCH

11 SEC., T., R., N., OR BLK. AND
 SURVEY OR AREA
 SEC 23, T9S, R20E

12 COUNTY OR PARISH
 Uintah

13 STATE
 UTAH

14 PERMIT NO.
 43 047 30308

15 ELEVATIONS (Show whether DF, RT, CR, etc.)
 4852'

16 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____ <input type="checkbox"/>	
(Other) _____ <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)

THIS WELL WAS TURNED BACK TO PRODUCTION 11-4-89 AFTER BEING SHUT IN OVER NINETY DAYS.

OIL AND GAS	
DRN	R/F
JRB	GLH
DTS	SLS
1. TAG	
2. MICROFILM	
3. FILE	

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

SIGNED Linda L. Wain TITLE SR. ADMIN CLERK DATE 11-9-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ENRON

OIL & GAS COMPANY

P.O. Box 250 Big Piney, Wyoming 83113 (307)276-3331

OCT 01 1990

DEPARTMENT OF
OIL & GAS MINING
September 28, 1990

Mr. Jerry Kenzcka
Bureau Of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: NATURAL BUTTES UNIT 12-23 B
LEASE: U 0577A
SECTION 23, T9S, R20E
CHAPITA WELLS UNIT 236-13
LEASE: U 0282
SECTION 13, T9S, R22E
UINTAH COUNTY, UTAH

Dear Mr. Kenzcka:

Attached are the Sundry Notices for recompletion of the referenced wells.

If further information is required regarding this matter, please contact this office.

Very truly yours,

ENRON OIL & GAS COMPANY



Jim Schaefer
Senior Production Engineer

kc

Attachment

cc: Utah Board of Oil, Gas and Mining
D. Weaver
R. Dean
Vernal Office
File

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICE 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

5. Lease Designation and Serial No.
U 0577A

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

1. Type of Well

Oil Well Gas Well Well Other

NATURAL BUTTES UNIT

8. Well Name and No.
NATURAL BUTTES UNIT 12-23 B

2. Name of Operator
ENRON OIL & GAS COMPANY

3. Address and Telephone No.
P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

9. API Well No.
43-047-30308

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

**1500' FNL - 660' FWL (SW NW)
SECTION 23, T9S, R20E**

10. Field and Pool or Exploratory Area
NATURAL BUTTES/WASATCH

11. County or Parrish, State
UINTAH UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input checked="" type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERNING 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

(Note: Report results of multiple completion on Well Completions 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).

Enron Oil & Gas Company proposes to recomplete the subject well in the "M" 4 sand of the Green River formation from 4704-13' KB. The interval will be fracture stimulated with 34,050 gals gelled 3% KCl water and 87,650 of 20/40 sand. The present producing intervals in the Wasatch formation from 6088-6381' will be abandoned below a CIBP. The anticipated starting date for this recompletion is October 1990.

OIL AND GAS		
DFN	2	RIF
JPB		GLH
INS		SLS
1-TAS		
2-TAS		
4 MICROFILM ✓		
SE FILE		

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

SIGNED *Daty Carlson* TITLE Regulatory Analyst DATE 9/28/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENRON

OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

October 1, 1990

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Attention: Ms. Tami Searing

RE: Application for Exception Well
Location
Proposed Recompletion of NB #12-23B
Township 9 South, Range 20 East
Section 23: SW/4NW/4
Uintah County, Utah
0050635-000

Gentlemen:

Reference is made to that certain spacing order promulgated in Cause No. 197-1 for the development and production of gas and associated hydrocarbons from the Green River formation. Said order established 160-acre drilling units covering, among other lands, the NW/4 of Section 23, Township 9 South, Range 20 East, Uintah County, Utah. The prescribed location of the permitted well therein shall be not less than 1000' from the exterior boundary of such drilling unit.

Enron Oil & Gas Company (Enron) currently owns and operates the NB #12-23B well, a now marginal Wasatch well located at 1500' FNL, 660' FWL (SW/4NW/4) of Section 23, Township 9 South, Range 20 East, Uintah County, Utah. Enron proposes and respectfully requests permission to plug back and recomplete the NB #12-23B well in the Green River formation even though such well is not a location at which a gas well could be drilled (or recompleted) in compliance with the aforementioned spacing order.

The NB #12-23B has indicated pay on the logs and mudlog from 4704' to 4713' in a zone in the Douglas Creek Member of the Tertiary Green River Formation which Enron refers to as the "M"-4 zone. Mapping of this zone shows it to be part of a fluvial system with gas stratigraphically trapped in lenticular sands. In order to avoid the stratigraphic risk of drilling away from this control point, and also to avoid the unnecessary expense of drilling a new well, Enron wishes to recomplete the NB #12-23B. The requested exception location is required to do so.

State of Utah
Division of Oil, Gas and Mining
October 1, 1990
Page 2 of 2

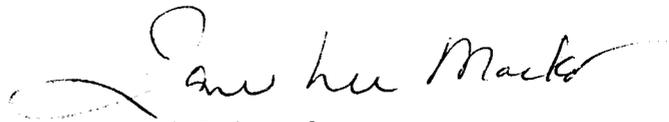
Enclosed herewith, as Exhibit "A," is a plat which depicts the outlines of the 160-acre drilling units established by the aforementioned spacing order, the legal window in each drilling unit within which the permitted well therein may be located (location at which a gas well could be drilled in the NW/4 of Section 23, Township 9 South, Range 20 East, Uintah County, Utah, in compliance with the order and locations at which gas wells could be drilled in accordance with the order in drilling units directly or diagonally offsetting the proposed exception), the location at which Enron requests permission to recomplete the NB #12-23B well, and the locations at which Green River formation wells have been drilled in these drilling units.

Also enclosed is Exhibit "B," a land map which displays Enron's ownership of 100% of the operating rights from the surface to the base of the Green River formation underlying the subject 160-acre drilling unit (NW/4 of Section 23, Township 9 South, Range 20 East, Uintah County, Utah), the 160-acre drilling unit directly offsetting the subject 160-acre drilling unit to the south and the 160-acre drilling units diagonally offsetting the subject 160-acre drilling unit to the southwest and northwest. Such exhibit also depicts the ownership of the operating rights from the surface to the base of the Green River formation underlying all of the other 160-acre drilling units directly and diagonally offsetting the subject 160-acre drilling unit. Evidence of Coastal's, the only other owner of directly or diagonally offsetting drilling units (which includes all owners within a 460' radius of the NB #12-23B well), written consent to this request for exception well location is also enclosed.

Enron respectfully requests the Division of Oil, Gas and Mining administratively grant this application for an exception well location at its earliest opportunity.

Yours very truly,

ENRON OIL & GAS COMPANY

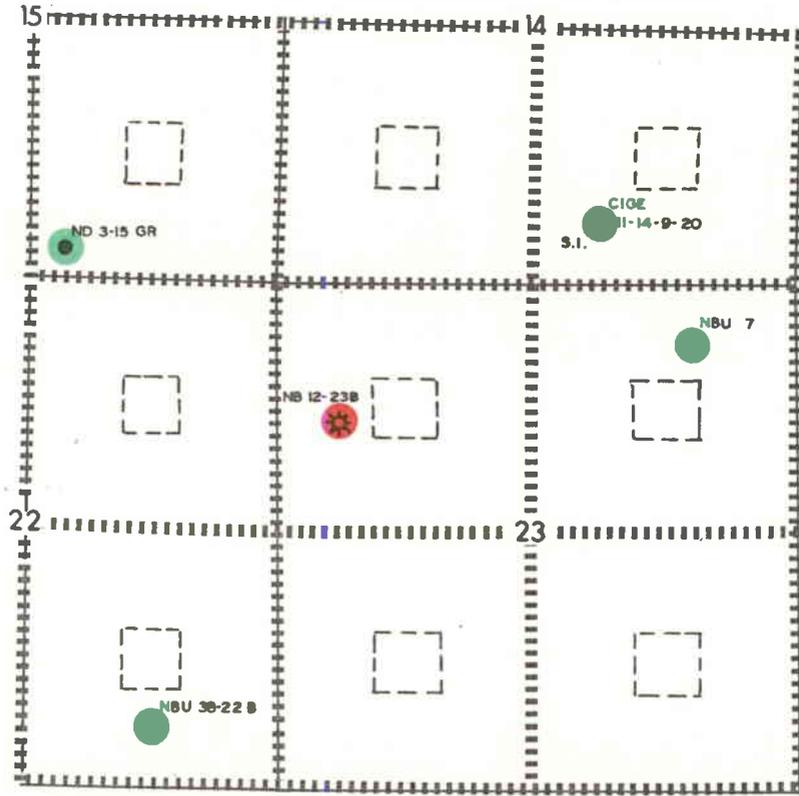


Toni Lei Macko
Project Landman

TLM/dac
Enclosures
7763T

cc: R. Dean - Denver
D.E. Zlomke - Big Piney
George McBride - Vernal
Dave Laramie - Coastal Oil & Gas Corporation

R 20 E



T
9
S

..... Drilling Units established for development and production of gas and associated hydrocarbons from Green River Formation under Cause No. 197-1



Legal window within which permitted well could be drilled in each drilling unit



Location at which applicant requests permission to recomplete NB 12-23B well

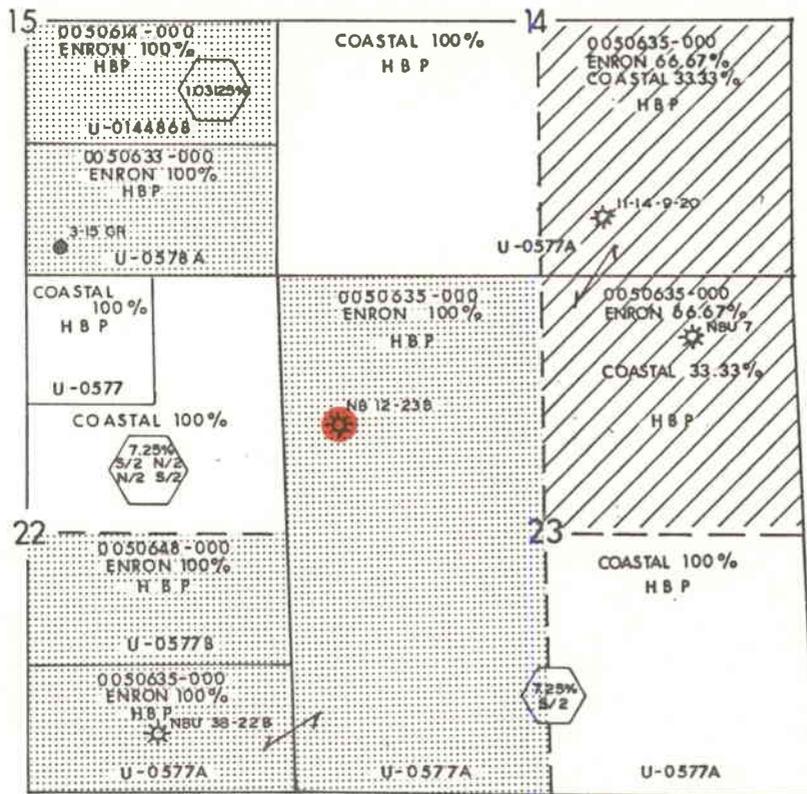


Location at which Green River Formation wells have been drilled

Exhibit "A"

	ENRON OIL & GAS COMPANY		
	<small>HOUSTON DENVER MIDLAND CORPUS CHRISTI</small>		
	NATURAL BUTTES PROSPECT		
	<small>UINTAH COUNTY, UTAH</small>		
Application for Exception Well Location			
<small>SCALE 1"=2000'</small>			
<small>DRAFTED BY</small>	<small>REVISED</small>	<small>DATE</small>	
		<small>8-90</small>	

R. 20 E.



**T.
9
S.**

-  ENRON FULL WORKING INTEREST
-  ENRON PARTIAL WORKING INTEREST
-  ENRON ORRI

Interest depicted on this plat is limited to rights from the Surface to Base of the Green River Formation

-  Location at which applicant requests permission to recomplate NB #12-23 B Well

Exhibit "B"

	ENRON OIL & GAS COMPANY
	HOUSTON DENVER MIDLAND CORPUS CHRISTI
	NATURAL BUTTES PROSPECT UINTAH COUNTY, UTAH
LAND MAP Application for Exception Well Location	
SCALE 1" = 2000'	
DRAWN BY	DATE
LAND	BY
TL. Macko	8-90

ENRON

OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

August 23, 1990

RECEIVED
AUG 27 1990
EXPLOITATION-DEN

Coastal Oil & Gas Corporation
Suite 800 South
600 Seventeenth Street
Denver, Colorado 80202

Attention: Mr. David Laramie

RE: Request for Consent to
Exception Well Location
NB #12-23B
Township 9 South, Range 20 East
Section 23: SW/4NW/4
Uintah County, Utah
0050635-000

Gentlemen:

Enron Oil & Gas Company (Enron) proposes to plug back and recomplete the NB #12-23B well, a now marginal Wasatch well located at 1500' FNL, 660' FWL (SW/4NW/4) of Section 23, Township 9 South, Range 20 East, Uintah County, Utah, in the Green River formation.

The State of Utah Board of Oil, Gas and Mining's spacing order bearing Cause No. 197-1 established 160-acre drilling units for the development and production of gas and associated hydrocarbons from the Green River formation and prescribes that the location of the permitted well in each drilling unit shall be not less than 1000' from the exterior boundary of such drilling unit. Inasmuch as the location of the NB #12-23B well is not in compliance with this spacing order, Enron will request the State of Utah Division of Oil, Gas and Mining's administrative approval of such location as an exception location in accordance with General Rule R615-3-3. Such Rule requires Enron to submit written consent from all owners of directly or diagonally offsetting drilling units.

Therefore, if Coastal Oil & Gas Corporation (Coastal) has no objections to Enron's Green River formation recompletion of the NB #12-23B well at the existing exception well location, Enron respectfully requests Coastal so

Coastal Oil & Gas Corporation
August 23, 1990
Page 2 of 2

indicate its written consent to same by dating and executing this letter in the spaces provided below and returning three (3) originally executed copies to my attention at the letterhead address as soon as possible.

Yours very truly,

ENRON OIL & GAS COMPANY



Toni Lei Macko
Project Landman

TLM/dac
7761T

On this 26th day of September, 1990, Coastal Oil & Gas Corporation hereby grants its written consent to Enron's proposed Green River formation recompletion of the NB #12-23B well at a location 1500' FNL, 660' FWL (SW/4NW/4) of Section 23, Township 9 South, Range 20 East, Uintah County, Utah, which location is an exception to State of Utah Board of Oil, Gas and Mining's Cause No. 197-1.

COASTAL OIL & GAS CORPORATION *

BY:


R. D. Liebling

TITLE:

Exploitation Manager

* Subject to your approval of Conditional Letter of Acceptance dated September 26, 1990.

ENRON OIL & GAS COMPANY

By:


Title: Agent and Attorney-in-Fact
Date: October 1, 1990



RECEIVED
September 26, 1990
OCT 1 1990
ENRON-DENVER

Enron Oil & Gas Company
1801 California Street, Suite 3400
Denver, CO 80202-2634

Attention: Toni Macko

Re: Conditional Approval of
Consent to Exception Location
NBU #12-23B
SW/4NW/4 Sec. 23, T9S-R20E
Uintah County, Utah

Gentlemen:

We are enclosing three originally executed copies of Coastal Oil & Gas Corporation's approval and written consent to Enron's proposed Green River Formation recompletion of the NBU #12-23B well. Coastal's approval is under the condition that Coastal be furnished with the chronological history completion report and production data as available to Enron. Please return one approved copy of this letter to the attention of the undersigned at such time as it is available.

Should you have any questions regarding this letter, please call D. M. Laramie at (303) 573-4466.

Very truly yours,

David M. Laramie
Senior Landman

DML/gab
Enclosures

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990
5. Lease Designation and Serial No.
U 0577A
6. If Indian, Allottee or Tribe Name
7. If Unit or C.A., Agreement Designation
NATURAL BUTTES UNIT
8. Well Name and No.
NATURAL BUTTES UNIT 12-23 B
9. API Well No.
43-047-30308
10. Field and Pool or Exploratory Area
NATURAL BUTTES/WASATCH
11. County or Parrish, State
UINTAH UTAH

SUNDRY NOTICE 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

1. Type of Well
 Oil Well Gas Well Other
 2. Name of Operator
ENRON OIL & GAS COMPANY
 3. Address and Telephone No.
P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
*1500' FNL - 660' FWL (SW NW)
SECTION 23, T9S, R20E*

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input checked="" type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERNING 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

(Note: Report results of multiple completion on Well Completions 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).

Enron Oil & Gas Company proposes to recomplete the subject well in the "M" 4 sand of the Green River formation from 4704-13' KB. The interval will be fracture stimulated with 34,050 gals gelled 3% KCl water and 87,650# of 20/40 sand. The present producing intervals in the Wasatch formation from 6088-6381' will be abandoned below a CIBP. The anticipated starting date for this recompletion is October 1990.

ACCEPTED BY THE OFFICE OF UTAH DIVISION OF OIL, GAS, AND MINERALS

DATE: *Aug 16/1990*

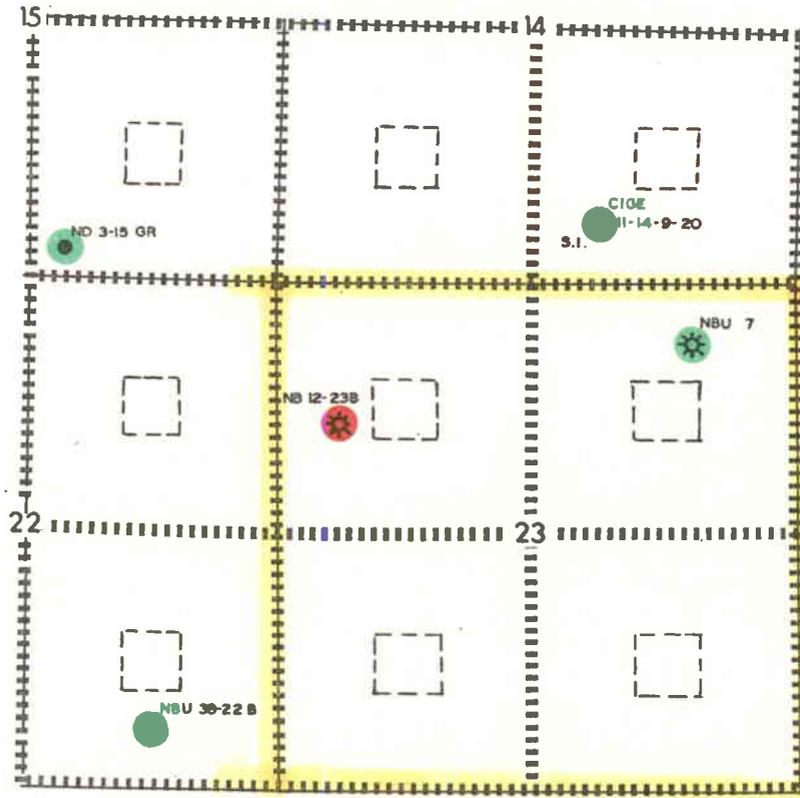
Federal (BLM) approval of abandonment procedures of wasatch formation necessary.

14. I hereby certify that the foregoing is true and correct
 SIGNED *Daty Carlson* TITLE *Regulatory Analyst*

Administrative Approval granted for recompleted in Green River, in accordance with 12-615-3-3 and Cause No. 197-1.

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____
 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.

R 20 E



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..... Drilling Units established for development and production of gas and associated hydrocarbons from Green River Formation under Cause No. 197-1



Legal window within which permitted well could be drilled in each drilling unit



Location at which applicant requests permission to recomplate NB 12-23B well

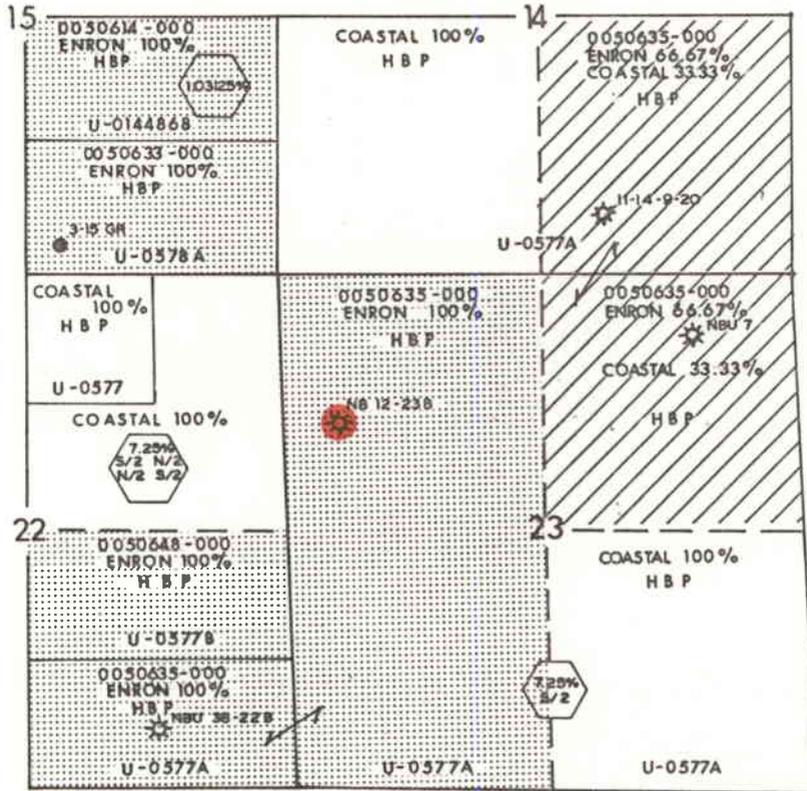


Location at which Green River Formation wells have been drilled

Exhibit "A"

	ENRON OIL & GAS COMPANY		
	HOUSTON DENVER MIDLAND CORPUS CHRISTI		
	NATURAL BUTTES PROSPECT		
	UINTAH COUNTY, UTAH		
Application for Exception Well Location			
SCALE 1-2000'			
DRAWN BY	REVISED	DATE	
		T.L. Mocko 8-90	

R. 20 E.



T.
9
S.

-  ENRON FULL WORKING INTEREST
-  ENRON PARTIAL WORKING INTEREST
-  ENRON ORRI

Interest depicted on this plat is limited to rights from the Surface to Base of the Green River Formation

-  Location at which applicant requests permission to recomplete NB #12-23 B Well

Exhibit "B"

	ENRON OIL & GAS COMPANY
	HOUSTON DENVER MIDLAND CORPUS CHRISTI
	NATURAL BUTTES PROSPECT UINTAH COUNTY, UTAH
	LAND MAP Application for Exception Well Location
SCALE 1" = 2000'	DRAFTED BY _____ DATE _____
LAND BY T.L. Macko	PAGE 8-90

ENRON

OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

October 1, 1990

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-1-90
BY: [Signature]

Attention: Ms. Tami Searing

RE: Application for Exception Well
Location
Proposed Recompletion of NB #12-23B
Township 9 South, Range 20 East
Section 23: SW/4NW/4
Uintah County, Utah
0050635-000

OCT 01 1990

Gentlemen:

Reference is made to that certain spacing order promulgated in Cause No. 197-1 for the development and production of gas and associated hydrocarbons from the Green River formation. Said order established 160-acre drilling units covering, among other lands, the NW/4 of Section 23, Township 9 South, Range 20 East, Uintah County, Utah. The prescribed location of the permitted well therein shall be not less than 1000' from the exterior boundary of such drilling unit.

Enron Oil & Gas Company (Enron) currently owns and operates the NB #12-23B well, a now marginal Wasatch well located at 1500' FNL, 660' FWL (SW/4NW/4) of Section 23, Township 9 South, Range 20 East, Uintah County, Utah. Enron proposes and respectfully requests permission to plug back and recomplete the NB #12-23B well in the Green River formation even though such well is not a location at which a gas well could be drilled (or recompleted) in compliance with the aforementioned spacing order.

The NB #12-23B has indicated pay on the logs and mudlog from 4704' to 4713' in a zone in the Douglas Creek Member of the Tertiary Green River Formation which Enron refers to as the "M"-4 zone. Mapping of this zone shows it to be part of a fluvial system with gas stratigraphically trapped in lenticular sands. In order to avoid the stratigraphic risk of drilling away from this control point, and also to avoid the unnecessary expense of drilling a new well, Enron wishes to recomplete the NB #12-23B. The requested exception location is required to do so.

State of Utah
Division of Oil, Gas and Mining
October 1, 1990
Page 2 of 2

Enclosed herewith, as Exhibit "A," is a plat which depicts the outlines of the 160-acre drilling units established by the aforementioned spacing order, the legal window in each drilling unit within which the permitted well therein may be located (location at which a gas well could be drilled in the NW/4 of Section 23, Township 9 South, Range 20 East, Uintah County, Utah, in compliance with the order and locations at which gas wells could be drilled in accordance with the order in drilling units directly or diagonally offsetting the proposed exception), the location at which Enron requests permission to recomplate the NB #12-23B well, and the locations at which Green River formation wells have been drilled in these drilling units.

Also enclosed is Exhibit "B," a land map which displays Enron's ownership of 100% of the operating rights from the surface to the base of the Green River formation underlying the subject 160-acre drilling unit (NW/4 of Section 23, Township 9 South, Range 20 East, Uintah County, Utah), the 160-acre drilling unit directly offsetting the subject 160-acre drilling unit to the south and the 160-acre drilling units diagonally offsetting the subject 160-acre drilling unit to the southwest and northwest. Such exhibit also depicts the ownership of the operating rights from the surface to the base of the Green River formation underlying all of the other 160-acre drilling units directly and diagonally offsetting the subject 160-acre drilling unit. Evidence of Coastal's, the only other owner of directly or diagonally offsetting drilling units (which includes all owners within a 460' radius of the NB #12-23B well), written consent to this request for exception well location is also enclosed.

Enron respectfully requests the Division of Oil, Gas and Mining administratively grant this application for an exception well location at its earliest opportunity.

Yours very truly,

ENRON OIL & GAS COMPANY



Toni Lei Macko
Project Landman

TLM/dac
Enclosures
7763T

cc: R. Dean - Denver
D.E. Zlomke - Big Piney
George McBride - Vernal
Dave Laramie - Coastal Oil & Gas Corporation

ENRON

OIL & GAS COMPANY

1801 California Street, Suite 3400 Denver, Colorado 80202-2634 (303) 293-2525

August 23, 1990

RECEIVED
AUG 27 1990
EXPLOITATION-DEN

Coastal Oil & Gas Corporation
Suite 800 South
600 Seventeenth Street
Denver, Colorado 80202

Attention: Mr. David Laramie

RE: Request for Consent to
Exception Well Location
NB #12-23B
Township 9 South, Range 20 East
Section 23: SW/4NW/4
Uintah County, Utah
0050635-000

Gentlemen:

Enron Oil & Gas Company (Enron) proposes to plug back and recomplete the NB #12-23B well, a now marginal Wasatch well located at 1500' FNL, 660' FWL (SW/4NW/4) of Section 23, Township 9 South, Range 20 East, Uintah County, Utah, in the Green River formation.

The State of Utah Board of Oil, Gas and Mining's spacing order bearing Cause No. 197-1 established 160-acre drilling units for the development and production of gas and associated hydrocarbons from the Green River formation and prescribes that the location of the permitted well in each drilling unit shall be not less than 1000' from the exterior boundary of such drilling unit. Inasmuch as the location of the NB #12-23B well is not in compliance with this spacing order, Enron will request the State of Utah Division of Oil, Gas and Mining's administrative approval of such location as an exception location in accordance with General Rule R615-3-3. Such Rule requires Enron to submit written consent from all owners of directly or diagonally offsetting drilling units.

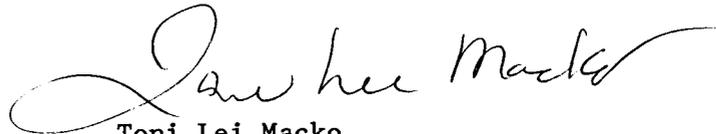
Therefore, if Coastal Oil & Gas Corporation (Coastal) has no objections to Enron's Green River formation recompletion of the NB #12-23B well at the existing exception well location, Enron respectfully requests Coastal so

Coastal Oil & Gas Corporation
August 23, 1990
Page 2 of 2

indicate its written consent to same by dating and executing this letter in the spaces provided below and returning three (3) originally executed copies to my attention at the letterhead address as soon as possible.

Yours very truly,

ENRON OIL & GAS COMPANY



Toni Lei Macko
Project Landman

TLM/dac
7761T

On this 26th day of September, 1990, Coastal Oil & Gas Corporation hereby grants its written consent to Enron's proposed Green River formation recompletion of the NB #12-23B well at a location 1500' FNL, 660' FWL (SW/4NW/4) of Section 23, Township 9 South, Range 20 East, Uintah County, Utah, which location is an exception to State of Utah Board of Oil, Gas and Mining's Cause No. 197-1.

COASTAL OIL & GAS CORPORATION *

BY: _____

R. D. Liebling
R. D. Liebling

TITLE: Exploitation Manager

* Subject to your approval of Conditional Letter of Acceptance dated September 26, 1990.

ENRON OIL & GAS COMPANY

By: _____

Title: Agent and Attorney-in-Fact

Date: October 1, 1990





RECEIVED
September 26, 1990
OCT 1 1990
ENRON-DENVER

Enron Oil & Gas Company
1801 California Street, Suite 3400
Denver, CO 80202-2634

Attention: Toni Macko

Re: Conditional Approval of
Consent to Exception Location
NBU #12-23B
SW/4NW/4 Sec. 23, T9S-R20E
Uintah County, Utah

Gentlemen:

We are enclosing three originally executed copies of Coastal Oil & Gas Corporation's approval and written consent to Enron's proposed Green River Formation recompletion of the NBU #12-23B well. Coastal's approval is under the condition that Coastal be furnished with the chronological history completion report and production data as available to Enron. Please return one approved copy of this letter to the attention of the undersigned at such time as it is available.

Should you have any questions regarding this letter, please call D. M. Laramie at (303) 573-4466.

Very truly yours,

David M. Laramie
Senior Landman

DML/gab
Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICE 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

1. Type of Well
Oil Well Gas Well Other

RECEIVED
OCT 18 1990

5. Lease Designation and Serial No.
U 0577A
6. If Indian, Allottee or Tribe Name
7. If Unit or C.A., Agreement Designation
NATURAL BUTTES UNIT
8. Well Name and No.
NATURAL BUTTES UNIT 12-23 B

2. Name of Operator
ENRON OIL & GAS COMPANY

3. Address and Telephone No.
P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

DIVISION OF
OIL, GAS & MINING

9. API Well No. PGW
43-047-30308

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1500' FNL - 660' FWL (SW NW)
SECTION 23, T9S, R20E

10. Field and Pool or Exploratory Area
NATURAL BUTTES/WASATCH
11. County or Parrish, State
UINTAH UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input checked="" type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERNING 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

(Note: Report results of multiple completion on Well Completions 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).

With abandonment of the Wasatch Formation producing intervals in the NBU 12-23 B, the well will no longer be subject to the terms and conditions of the Natural Buttes Unit Agreement. Coastal Oil and Gas Company is operator of the Natural Buttes Unit. Following recompletion of the well in the Green River Formation, Enron Oil & Gas Company will operate the NBU 12-23 B and assume all responsibilities as operator under the terms and conditions of the lease agreement. (Enron Oil & Gas Company owns 100% operating rights in the Green River Formation.)

CCR
oper. Δ

Accepted
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10/12/90
BY: [Signature]

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

SIGNED [Signature] TITLE Regulatory Analyst DATE 10/12/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ENRON

OIL & GAS COMPANY

P.O. Box 250 Big Piney, Wyoming 83113 (307)276-3331

RECEIVED
OCT 18 1990

October 12, 1990

Mr. Ed Foresman
Bureau Of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

DIVISION OF
OIL, GAS & MINING

RE: NATURAL BUTTES UNIT 11-14B
LEASE: U 43156
SECTION 26, T10S, R19E
NATURAL BUTTES UNIT 12-23B
LEASE: U 0577A
SECTION 23, T9E, R20E
UINTAH COUNTY, UTAH

Dear Mr. Foresman:

Attached are the Sundry Notices for change of operator for the referenced wells.

If further information is required regarding this matter, please contact this office.

Very truly yours,

ENRON OIL & GAS COMPANY


Darrell E. Zlonke
District Manager

kc

Attachment

cc: Utah Board of Oil, Gas and Mining
D. Weaver - Denver Office
R. Dean - Denver Office
Vernal Office
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires September 30, 1990

SUNDRY NOTICE 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

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

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

1500' FNL - 660' FWL (SW NW)
SECTION 23, T9S, R20E

DIVISION OF
OIL, GAS & MINING

RECEIVED
OCT 18 1990

5. Lease Designation and Serial No.

U 0577A

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

NATURAL BUTTES UNIT

8. Well Name and No.

NATURAL BUTTES UNIT 12-23 B

9. API Well No.

43-047-30308

10. Field and Pool or Exploratory Area

NATURAL BUTTES/WASATCH

11. County or Parrish, State

UINTAH 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
 ALTERNING CASING
 OTHER

CHANGE OF PLANS
 NEW CONSTRUCTION
 NON-ROUTINE FRACTURING
 WATER SHUT-OFF
 CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions 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).

With abandonment of the Wasatch Formation producing intervals in the NBU 12-23 B, the well will no longer be subject to the terms and conditions of the Natural Buttes Unit Agreement. Coastal Oil and Gas Company is operator of the Natural Buttes Unit. Following recompletion of the well in the Green River Formation, Enron Oil & Gas Company will operate the NBU 12-23 B and assume all responsibilities as operator under the terms and conditions of the lease agreement. (Enron Oil & Gas Company owns 100% operating rights in the Green River Formation.)

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

SIGNED Kathy Carlson TITLE Regulatory Analyst DATE 10/12/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



RECEIVED
DEC 26 1990

DIVISION OF
OIL, GAS & MINING

December 19, 1990

Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Tami Searing

43-047-30292

Re: NBU #11-14B
Section 14, T9S-R20E
NBU #12-23B
Section 23, T9S-R20E 43-047-30208
Uintah County, Utah

Dear Tami:

The above-referenced wells have been completed in the Green River formation by Enron Oil & Gas Company. Coastal Oil & Gas Corporation is the designated operator of the Natural Buttes Unit/Wasatch formation. Since these wells will no longer be producing from the Wasatch formation, Enron Oil & Gas Company will be reporting production from these wells effective November 1, 1990. We ask that you please adjust your records accordingly.

Thank you for your attention to this matter.

Sincerely,

Eileen Danni Dey
Regulatory Analyst

EDD:dh

xc: R. C. Wahl

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION

600 17TH STREET STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303 572 1121



Coastal
The Energy People

RECEIVED
DEC 26 1990

DIVISION OF
OIL, GAS & MINING

December 19, 1990

Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Tami Searing

43-047-30292

Re: NBU #11-14B
Section 14, T9S-R20E
NBU #12-23B
Section 23, T9S-R20E 43-047-30208
Uintah County, Utah

Dear Tami:

The above-referenced wells have been completed in the Green River formation by Enron Oil & Gas Company. Coastal Oil & Gas Corporation is the designated operator of the Natural Buttes Unit/Wasatch formation. Since these wells will no longer be producing from the Wasatch formation, Enron Oil & Gas Company will be reporting production from these wells effective November 1, 1990. We ask that you please adjust your records accordingly.

Thank you for your attention to this matter.

Sincerely,

Eileen Danni Dey
Regulatory Analyst

EDD:dh

xc: R. C. Wahl

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION

630 17TH STREET STE. 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303 572-1121

OPERATOR ENRON OIL & GAS CO.

OPERATOR ACCT. NO. N0401

ADDRESS P. O. BOX 1815

VERNAL, UT 84078

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	2900	11150	4304730292	NBU 11-14B	SWNW	14	9S	20E	UINTAH	12-12-77	11- 20 -90
WELL 1 COMMENTS: *RECOMPLETION FROM WSTC PZ TO GRRV, OPERATOR FROM COASTAL OIL & GAS TO ENRON OIL & GAS PER NATURAL BUTTES UNIT AGREEMENT. NEW ENTITY ADDED ON 1-10-91 EFF 11- 20 -90.											
A	2900	11151	4304730308	NBU 12-23B	SWNW	23	9S	20E	UINTAH	1-8-78	11- 28 -90
WELL 2 COMMENTS: *RECOMPLETION FROM WSTC PZ TO GRRV, OPERATOR FROM COASTAL OIL & GAS TO ENRON OIL & GAS PER NATURAL BUTTES UNIT AGREEMENT. NEW ENTITY ADDED ON 1-10-91 EFF 11- 28 -90.											
A	2900	11187	4304730397	NBU 35-8B	SWNW	8	9S	21E	UINTAH	12-9-78	1-3-91
WELL 3 COMMENTS: *RECOMPLETION FROM WSTC PZ TO GRRV, OPERATOR FROM COASTAL OIL & GAS TO ENRON OIL & GAS PER NATURAL BUTTES UNIT AGREEMENT. NEW ENTITY ADDED ON 1-28-91 EFF 1-3-91.											
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.

L. ROMERO (DOGM)

Signature

ADMIN. ANALYST

Title

1-10-91

Date

Phone No. ()

01/29/91 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4304730397 PROD ZONE: GRRV SEC TOWNSHP RANGE QR-QR
ENTITY: 11187 (NBU 35-8B) 8 09.0 S 21.0 E SWNW
WELL NAME: NBU 35-8B
OPERATOR: N0401 (ENRON OIL & GAS CO) MERIDIAN: S
FIELD: 630 (NATURAL BUTTES
CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:
* * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
1B. TYPE OF WELL (OW/GW/OT) GW 5. LEASE NUMBER: U-0149767 LEASE TYPE: 1
4. SURFACE LOC: 1830 FNL 0660 FWL 7. UNIT NAME: NATURAL BUTTES
 PROD ZONE LOC: 1830 FNL 0660 FWL 19. DEPTH: 7500 PROPOSED ZONE:
21. ELEVATION: 4733' GL APD DATE: 780418 AUTH CODE:
 * * * COMPLETION REPORT INFORMATION * * * DATE RECD: 0
). SPUD DATE: 781209 17. COMPL DATE: 910107 20. TOTAL DEPTH: 7307
24. PRODUCING INTERVALS: 4900-4905,4922-4938,4942-4946
4. BOTTOM HOLE: 1830 FNL 0660 FWL 33. DATE PROD: 910103 WELL STATUS: PGW
24HR OIL: 7 24HR GAS: 720 24HR WTR: 0 G-O RATIO: 0
 * * * WELL COMMENTS * * * API GRAVITY: 0.00
SEE WSTC PZ:910128 ENTITY ADDED EFF 1-7-91:

OPTION: 21 PERIOD(YMM): 0 API: 4304730397 ZONE: ENTITY: 0

01/29/91 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4304730308 PROD ZONE: GRRV SEC TWNSHP RANGE QR-QR
ENTITY: 11151 (NBU 12-23B) 23 09.0 S 20.0 E SWNW
WELL NAME: NBU 12-23B
OPERATOR: N0401 (ENRON OIL & GAS CO) MERIDIAN: S
FIELD: 630 (NATURAL BUTTES
CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:
* * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
1B. TYPE OF WELL (OW/GW/OT) GW 5. LEASE NUMBER: U-0577A LEASE TYPE: 1
4. SURFACE LOC: 1500 FNL 0660 FWL 7. UNIT NAME: NATURAL BUTTES
PROD ZONE LOC: 1500 FNL 0660 FWL 19. DEPTH: 6700 PROPOSED ZONE:
21. ELEVATION: 4852' GL APD DATE: 770804 AUTH CODE:
* * * COMPLETION REPORT INFORMATION * * * DATE RECD: 0
) . SPUD DATE: 780108 17. COMPL DATE: 901129 20. TOTAL DEPTH: 6500
4. PRODUCING INTERVALS: 4704-4715
4. BOTTOM HOLE: 1500 FNL 0660 FWL 33. DATE PROD: 901128 WELL STATUS: PGW
24HR OIL: 57 24HR GAS: 2900 24HR WTR: 0 G-O RATIO: 0
* * * WELL COMMENTS * * * API GRAVITY: 0.00
SEE WSTC PZ:910110 ENTITY 11151 ADDED:

OPTION: 21 PERIOD(YMM): 0 API: 4304730308 ZONE: ENTITY: 0

01/29/91 D E T A I L W E L L D A T A B Y A P I MENU: OPTION 00
API NUMBER: 4304730292 PROD ZONE: GRRV SEC TWNSHP RANGE QR-QR
ENTITY: 11150 (NBU 11-14B) 14 09.0 S 20.0 E SWNW
WELL NAME: NBU 11-14B
OPERATOR: N0401 (ENRON OIL & GAS CO) MERIDIAN: S
FIELD: 630 (NATURAL BUTTES
CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:
* * * APPLICATION TO DRILL, DEEPEN, OR PLUG BACK * * *
1B. TYPE OF WELL (OW/GW/OT) GW 5. LEASE NUMBER: U-43156 LEASE TYPE: 1
4. SURFACE LOC: 2194 FNL 0400 FWL 7. UNIT NAME: NATURAL BUTTES
PROD ZONE LOC: 2194 FNL 0400 FWL 19. DEPTH: 6800 PROPOSED ZONE:
21. ELEVATION: 4780' GL APD DATE: 770707 AUTH CODE:
* * * COMPLETION REPORT INFORMATION * * * DATE RECD: 0
) . SPUD DATE: 771212 17. COMPL DATE: 901121 20. TOTAL DEPTH: 6677
24. PRODUCING INTERVALS: 5098-5155,4860-4870
4. BOTTOM HOLE: 2194 FNL 0400 FWL 33. DATE PROD: 901120 WELL STATUS: PGW
24HR OIL: 92 24HR GAS: 150 24HR WTR: 61 G-0 RATIO: 0
* * * WELL COMMENTS * * * API GRAVITY: 0.00
RECOMPL FROM WSTC PZ

OPTION: 21 PERIOD(YMM): 0 API: 4304730292 ZONE: ENTITY: 0

Routing	
1-ICR	<input checked="" type="checkbox"/>
2-BTS/CS	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-RWM	<input checked="" type="checkbox"/>
6-LCR	<input checked="" type="checkbox"/>

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: SEE #5 BELOW)

TO (new operator)	<u>ENRON OIL & GAS CO.</u>	FROM (former operator)	<u>COASTAL OIL & GAS CORP.</u>
(address)	<u>P. O. BOX 1815</u>	(address)	<u>P. O. BOX 749</u>
	<u>VERNAL, UT 84078</u>		<u>DENVER, CO 80201-0749</u>
	<u>phone (801) 789-0790</u>		<u>phone (303) 572-1121</u>
	<u>account no. N 0401</u>		<u>account no. N0230</u>

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

Name: <u>NBU 12-23B / GRRV</u>	API: <u>4304730308</u>	Entity: <u>2900</u>	Sec <u>23</u> Twp <u>9S</u> Rng <u>20E</u>	Lease Type: <u>U-0577A</u>
Name: <u>NBU 11-14B / GRRV</u>	API: <u>4304730292</u>	Entity: <u>2900</u>	Sec <u>14</u> Twp <u>9S</u> Rng <u>20E</u>	Lease Type: <u>U-0577A</u>
Name: <u>NBU 35-8B / GRRV</u>	API: <u>4304730397</u>	Entity: <u>2900</u>	Sec <u>8</u> Twp <u>9S</u> Rng <u>21E</u>	Lease Type: <u>U0149767</u>
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

- cf 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- cf 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). 901018-Int. to recomplete (Natural Gas Unit - Coastal Oil & Gas - WSTC PZ)
- N/A 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: _____.
- N/A 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. (see NBU Agreement)
- cf 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (NBU 11-14B eff. 11-20-90 / 1st Production 7-1-91) (NBU 35-8B eff. 1-3-91 / 1st Prod.)
(NBU 12-23B eff. 11-28-90 / 1st Prod. 7-1-91)
- cf 6. Cardex file has been updated for each well listed above (TAS)
- cf 7. Well file labels have been updated for each well listed above. (TAS)
- cf 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- cf 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

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

BOND VERIFICATION (Fee wells only)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

- 1. All attachments to this form have been microfilmed. Date: February 1991.

INDEXING

- 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.

ATTACHMENTS

ENRON
Oil & Gas Company

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

January 10, 1991

RECEIVED
JAN 15 1991

DIVISION OF
OIL, GAS & MINING

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

RE: Natural Buttes 12-23
Sec. 23, T9S, R20E
Uintah County, Utah
Federal Lease No. U-0577A

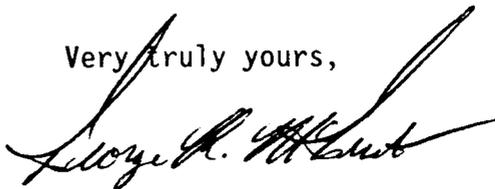
Attn: Mr. Ed Forsman

Dear Ed:

Attached is a Subsequent Report of Recompletion Sundry Notices and a
Recompletion Report on the subject well.

If you have further questions, please contact me at this office.

Very truly yours,



George R. McBride
Production Foreman

lw
0977mm

cc: Division of Oil, Gas & Mining
Doug Weaver - Denver
Robin Dean - Denver
Big Piney Office
File

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

5. LEASE DESIGNATION AND SERIAL NO
U-0577A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OIL WELL GAS WELL DRY Other
1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. DESVR Other

7. UNIT AGREEMENT NAME
NATURAL BUTTES
8. PART OF LEASE NAME
NATURAL BUTTES

2. NAME OF OPERATOR
ENRON OIL & GAS COMPANY

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1500' FNL & 660' FWL SW/NW
At top prod. interval reported below
At total depth

RECEIVED
JAN 15 1991
DIVISION OF OIL, GAS & MINING

9. NO.
12-23B

10. FIELD AND POOL, OR WILDCAT
GREENRIVER

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 23, T9S, R20E

14. PERMIT NO. *P6W* DATE ISSUED
43-047-30308 8/4/77

12. COUNTY OR PARISH
UINTAH
13. STATE
UTAH

15. DATE SPUDDED 1/8/78 16. DATE T.D. REACHED 1/29/78 17. DATE COMPL. (Ready to prod.) 11/29/90 RECOM. 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 4852' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6500' 21. PLUG, BACK T.D., MD & TVD 6458' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4704-4715' "M-4" SAND GREENRIVER 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
TRACER SCAN 27. WAS WELL CORRD

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	200'	12 1/4"	200 SX	
4 1/2"	11.6#	6700'	7 7/8"	400 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 4704-4715 36 Shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4704-4715	34,050 gals flush of gelled 3% KCl wtr & 100,000# 20/40 sand.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
11/28/90	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/28/90	24			57	2900	Mist	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
450	950		57	2900	Mist		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY
Mike Robersts

35. LIST OF ATTACHMENTS

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

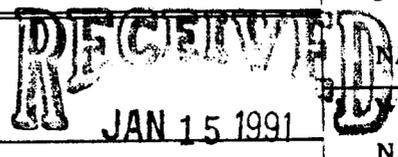
SIGNED *Leslie S. Wall* TITLE SR. ADMIN. CLERK DATE 1/10/91

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

301 APPROVED
Budge Bureau No. 300-0135
Form Approved X 199
5. Lease Designation and Serial No.
U-0577A
6. U.S. Index, Allotment or Tract Name
7. If Unit or C.A. Agreement Designation

SUNDRY NOTICE 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



1. Type of Well
 Oil Well
 Gas Well
 Other

2. Name of Operator
 ENRON OIL & GAS COMPANY

3. Address and Telephone No.
 P.O. BOX 1815, VERNAL, UTAH 84078 801-789-0790

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1500' FNL & 660' FWL SW/NW
 Sec. 23, T9S, R20E

NATURAL BUTTES

Well Name and No.
 NATURAL BUTTES 12-23

9. API Well No.
 43-047-30308

10. Field and Pool or Exploratory Area
 GREENRIVER

11. County or Parish, State
 UINTAH/UTAH

12. CHECK APPROPRIATE BOX(es) 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 checked="" type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERNING 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

(Note: Report results of multiple completion on Well Completions 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).

Enron Oil & Gas Company recompleted the subject well into the "M-4" Sand Formation of the Greenriver. CIBP set @ 6000' KB. Perfed 4704-4715' with 36 shots. Dowell fraced w/34050 gals including flush of gelled 3% KCl water & 100,000# 20/40 sand w/additives. Maximum press 4600 PSIG. Turned well on production.

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

SIGNED Quinn L. Lujan TITLE Sr. Admin. Clerk DATE 1/10/91

(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.

ENRON
OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

June 21 1993

RECEIVED

JUN 26 1993

DIVISION OF
OIL GAS & MINING

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

RE: NATURAL BUTTES UNIT 12-23B
SEC. 23, T9S, R20E
UINTAH COUNTY, UTAH

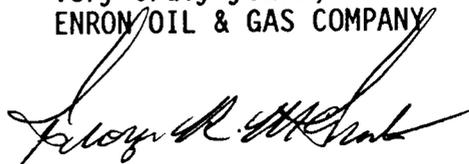
Attn: Ed Forsman:

Dear Mr. Forsman:

Please find attached 3 (three) Sundry Notices requesting approval for water disposal method.

If you have any questions or need additional information, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



George R. McBride
Sr. Production Foreman

cc: Division of Oil Gas & Mining
Curt Parsons
Doug Weaver/Toni Miller
Suzanne Saldivar - Houston EB-2369
Diane Cross - Houston EB-2370
File

/1wSundry

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 MERGER, WHICH MERGES:

"EOG RESOURCES, INC.", A DELAWARE CORPORATION,
WITH AND INTO "ENRON OIL & GAS COMPANY" UNDER THE NAME OF
"EOG RESOURCES, INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE THIRTIETH DAY OF AUGUST, A.D. 1999, AT 4:30
O'CLOCK P.M.



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

Edward J. Freel, Secretary of State

2064000 8100M

991371085

AUTHENTICATION: 9955549

DATE: 09-03-99

8-30-99

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

EOG RESOURCES, INC.
a Delaware corporation

INTO

ENRON OIL & GAS COMPANY
a Delaware corporation

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

Enron Oil & Gas Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That Enron Oil & Gas Company (the "Company") and EOG Resources, Inc. ("EOG") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That the Company owns all of the issued and outstanding shares of the capital stock of EOG.

THIRD: That the board of directors of the Company adopted the following resolutions by unanimous written consent dated August 25, 1999, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"WHEREAS, EOG Resources, Inc., a Delaware corporation ("EOG"), is a wholly owned subsidiary of the Company;

WHEREAS, the board of directors of the Company deems it advisable and in the best interest of the Company to merge EOG with and into the Company, with the Company being the surviving corporation;

NOW, THEREFORE, BE IT RESOLVED, that EOG be merged with and into the Company pursuant to Section 253 of the General Corporation Law of the State of Delaware, and that the Company succeed to and possess all the rights and assets of EOG and be subject to all of the liabilities and obligations of EOG;

RESOLVED, that the Company change its corporate name by changing Article First of the Certificate of Incorporation of the Company to read in its entirety as follows:

"First: The name of the Corporation is EOG Resources, Inc."

RESOLVED, that each share of common stock, \$1.00 par value per share, of EOG issued and outstanding immediately prior to the effective date of the merger shall, upon the effective date and by virtue of the merger, be canceled without payment therefor;

RESOLVED, that the merger shall become effective on the date the Company files a Certificate of Ownership and Merger with respect to such merger with the Secretary of State of the State of Delaware;

RESOLVED, that the appropriate officers of the Company are hereby authorized and empowered to file the necessary documents with the Secretary of State of the State of Delaware, 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 the 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 the 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);

RESOLVED, that the prior actions of the officers and directors of the Company in undertaking to carry out the transactions contemplated by the foregoing resolutions be, and the same hereby are, in all respects, approved, adopted, ratified and confirmed.”

IT WITNESS WHEREOF, the Company has caused this Certificate to be signed by its duly authorized officer this 26th day of August, 1999.

ENRON OIL & GAS COMPANY

By:



Walter C. Wilson
Senior Vice President and
Chief Financial Officer

BKS

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.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-0577-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 12-23B

9. API Well No.

43-047-30308

10. Field and Pool, or Exploratory Area

NBU/WASATCH

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 1815, VERNAL, UTAH 84078 (801) 789-0790

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

1500' FNL & 660' FWL SW/NW
SEC. 23, T9S, R20E

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
 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.)*

Enron Oil & Gas Company requests approval to dispose of produced water from the subject well as follows:

- Store in above ground tank.
- Transport by truck to Enron Oil & Gas Company's Natural Buttes 21-20 SWD Plant.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 7-1-93
By: [Signature]

RECEIVED

JUN 20 1993

DIVISION OF
OIL, GAS & MINING

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

Signed Linda L. Warr

Title Sr. Admin. Clerk

Date 6/21/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any, are: _____

Title _____

Date _____

ENRON OIL & GAS COMPANY

CERTIFICATE OF NAME CHANGE

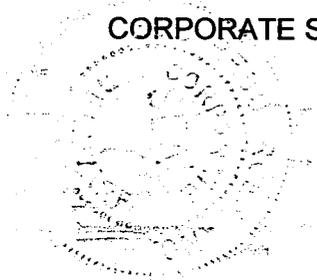
TO EOG RESOURCES, INC.

I, the undersigned, Vickie L. Graham, Assistant Secretary of EOG Resources, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware and formerly known as Enron Oil & Gas Company, hereby certify that:

- (1) as Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation;
- (2) attached is a true and correct copy of a Certificate of Ownership and Merger merging EOG Resources, Inc. into Enron Oil & Gas Company, and changing the corporate name of Enron Oil & Gas Company to EOG Resources, Inc., including a copy of the certificate of the Secretary of State of Delaware, the state of incorporation; said merger and name change being effective as of August 30, 1999.

IN WITNESS HEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of said Corporation this 4th day of October, 1999.

CORPORATE SEAL

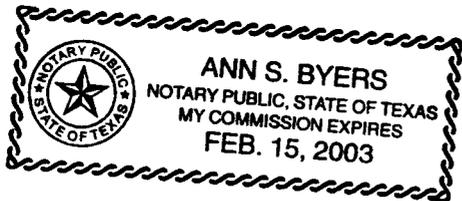


Vickie L. Graham
Vickie L. Graham
Assistant Secretary

STATE OF TEXAS

COUNTY OF HARRIS

This instrument was acknowledged before me this 4th day of October, 1999 by Vickie L. Graham, as Assistant Secretary of EOG Resources, Inc., a Delaware corporation, on behalf of said corporation. Witness my hand and official seal.



Ann S. Byers
Notary Public in and for
The State of Texas



EOG Resources, Inc.
1200 Smith Street
Houston, TX 77002

P.O. Box 4962
Houston, TX 77210-4362

October 6, 1999

VIA OVERNIGHT MAIL

Ms. Kristen Risbeck
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Blanket Oil & Gas Well Drilling Bond No. JT 1230
Merger and Name Change from Enron Oil & Gas Company
Into EOG Resources, Inc.

Dear Ms. Risbeck:

On August 30, 1999, EOG Resources, Inc. merged with and into Enron Oil & Gas Company and Enron Oil & Gas Company changed its name to EOG Resources, Inc. Enclosed are an originally certified copy of the Certificate of Ownership and Merger evidencing this merger and name change, a Rider for Bond No. JT 1230 changing the principal to EOG Resources, Inc. and a list of wells operated by Enron Oil & Gas Company in Utah. Please update your records accordingly.

If you have any questions or need any additional information, please contact me at (713) 853-5195.

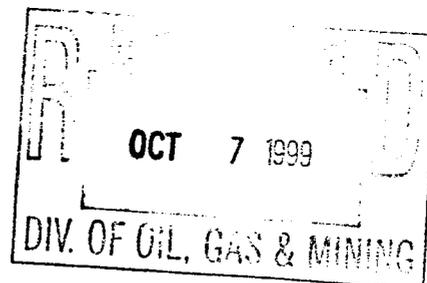
Sincerely,

A handwritten signature in cursive script that reads "Debbie Hamre".

Debbie Hamre

Enclosures

cc: Theresa Wysocki
Toni Miller, Denver Division
Bill Aven





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

In Reply Refer To:
3100
SL-065342 et al
(UT-932)

OCT 18 1999

NOTICE

EOG Resources, Inc. : Oil and Gas Leases
Attn: Debbie Hamre :
P.O. Box 4362 :
Houston, TX 77210-4362 :

Merger Recognized Name Change Recognized

Acceptable evidence has been received in this office concerning the merger of EOG Resources, Inc. with and into Enron Oil & Gas Company with Enron Oil & Gas Company subsequently changing its name to EOG Resources, Inc.

For our purposes, the merger and name change are recognized effective September 3, 1999, the date the Secretary of State of the State of Delaware recognized the merger and name change.

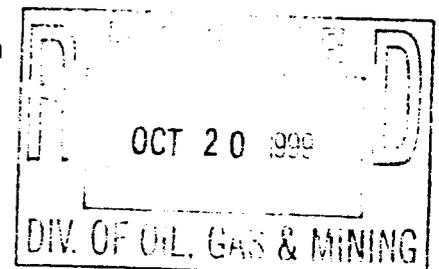
The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger/name change. The exhibit is the list supplied by EOG Resources, Inc. We have not adjudicated the case files to determine if the entity affected by the merger/name change holds an interest in the leases identified, nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger/name change by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Enron Oil & Gas Company to EOG Resources, Inc. on Nationwide Surety Bond No. JP 0923 (BLM Bond No. NM 2308). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name may be furnished to the New Mexico State Office of the Bureau of Land Management.

Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure:
Exhibit of Leases



MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS

PATTY E ROBINSON
 ENRON OIL & GAS CO
 PO BOX 250
 BIG PINEY, WY 83113

UTAH ACCOUNT NUMBER: N0401

REPORT PERIOD (MONTH/YEAR): 12 / 1999

AMENDED REPORT (Highlight Changes)

WELL NAME			Producing Zone	Well Status	Well Type	Days Oper	Production Volumes		
API Number	Entity	Location					OIL (BBL)	GAS (MCF)	WATER (BBL)
CWU 58-19									
4304730827	10740	09S 23E 19	WSTC		GW		U-0337		24pprv 10/20/99
NBU 37-13B									
4304730400	10853	09S 20E 13	GRRV		GW		U-0579		11
NBU 38-22B									
4304730401	10854	09S 20E 22	GRRV		GW		U-0577A		11
NBU 27-1B									
4304730381	11049	10S 20E 01	GRRV		GW		U-02270A		11
CWU 1-5									
4304730661	11050	09S 22E 05	GRRV		GW		U-15727		11
WILD HORSE FEDERAL 2-26									
4304731882	11051	10S 19E 26	WSTC		GW		U-3405		11
COTTONWOOD FED. 1-20									
4304731875	11052	09S 21E 20	GRRV		GW		U-0575		11
COTTONTAIL FEDERAL 1-18									
4304731899	11125	09S 21E 18	GRRV		GW		U-0575		11
NBU 11-14B									
4304730292	11150	09S 20E 14	GRRV		OW		U-0577A		11
NBU 11-13B									
4304730308	11151	09S 20E 23	GRRV		GW		U-0577A		11
WILD HORSE FEDERAL 2-35									
4304731901	11254	10S 19E 35	WSTC		GW		U-3405		11
WILD HORSE FEDERAL 3-26									
4304732377	11439	10S 19E 26	WSTC		GW		U-43156		11
WILD HORSE FEDERAL 3-35									
4304732389	11444	10S 19E 35	WSTC		GW		U-3405		11

TOTALS

COMMENTS : _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 1, 2000

Enron Oil & Gas Company
P.O. Box 250
Big Piney, Wyoming 83113

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a merger from Enron Oil & Gas Company to EOG Resources Inc. for the following well(s) which are located on a fee lease:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
Stagecoach 18-17	17-09S-22E	43-047-30611
CWU 228-09	09-09S-22E	43-047-31317
CWU 337-09	09-09S-22E	43-047-32414
CWU 408-9N	09-09S-22E	43-047-33043
CWU 536-9F	09-09S-22E	43-047-33143
North Chapita 2-5	05-09S-22E	43-047-33211
CWU 535-9F	09-09S-22E	43-047-33275

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Enron Oil & Gas Company of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 2
Enron Oil & Gas Company
Notification of Sale
February 1, 2000

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Kristen D. Risbeck". The signature is written in a cursive, slightly slanted style.

Kristen D. Risbeck

cc: EOG Resources Inc.
Utah Royalty Owners Association, Martin Brotherson
John R. Baza, Associate Director
Operator File(s)



EOG Resources, Inc.
1200 Smith Street
Houston, TX 77002

P.O. Box 4382
Houston, TX 77210-4382

SENT VIA FAX
(801)359-3940

March 10, 2000

Ms. Kristen Risbeck
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801

RE: Merger and Name Change from Enron Oil & Gas Company
Into EOG Resources, Inc.

Dear Ms. Risbeck:

On August 30, 1999, EOG Resources, Inc. merged with and into Enron Oil & Gas Company and Enron Oil & Gas Company changed its name to EOG Resources, Inc. An originally certified copy of the Certificate of Ownership and Merger evidencing this merger and name change was previously sent to you. As we discussed today, there are two wells, the CWU 590-16F, NWNW-16-T9S-R22E, 430473337200 and the CWU 596-9F, SWSE-9-T9S-R22E, 430473337400 that should have been included on the original well list we mailed October 6, 1999, but they were inadvertently left off.

Please change your records to reflect these two additional wells as operated by EOG Resources, Inc. If you have any questions or need any additional information, please contact me at the (713) 651-6714.

Sincerely,

A handwritten signature in cursive script that reads "Debbie Hamre".
Debbie Hamre

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
BRENNAN BOTTOMS 1-15	U-14639	430473101800
COTTONTAIL FED 1-18	U-0575	000721000001 430473189900
COTTONWOOD FED 1-20	U-0575	003570000001 430473187500
CWU 1-04	U-15726	003665000001 430473066000
CWU 1-05 WASATCH	U-15727	003666000001 430473066100
CWU 5-22	U-0284A	003729000001 430471505100
CWU 7-10	U-0281	003742000001 430471505300
CWU 11-15	U-0283A	003667000001 430471505600
CWU 13-13	U-0282	003669000001 430471505800
CWU 15-11	U-0281	003671000001 430471506000
CWU 16-14	U-0282	003672000001 430471506100
CWU 17-25	U-0285A	003673000001 430471506200
CWU 20-28	U-0285A	003678000001 430471506500
CWU 21-23	U-0282	003680000001 430471506600
CWU 22-09	U-0283A	003683000001 430471506700
CWU 24-02	ML-3077	003701000001 430471506800
CWU 30-22	U-0284A	003709000001 430473022900
CWU 31-14	U-0282	003710000001 430473023200
CWU 32-21	U-0284A	003711000001 430473023300
CWU 33-16	ML-3078	003712000001 430473023400
CWU 34-28	SL-D65296	003713000001 430473023500
CWU 35-15	U-0283A	003714000001 430473023600
CWU 36-26	U-0285A	003715000001 430473026300
CWU 37-11	U-0281	003716000001 430473026400
CWU 38-09	U-0283A	003717000001 430473026500
CWU 39-16	ML-3078	003718000001 430473026800
CWU 40-27	U-0344A	003719000001 430473028700
CWU 42-13	U-0282	003721000001 430473028900
CWU 43-11	U-0281	003722000001 430473029000
CWU 44-10	U-0281	003723000001 430473029100
CWU 45-25	U-010956	003724000001 430473061200
CWU 47-30	U-0337	003726000001 430473061400
CWU 48-19	U-0337	003727000001 430473061500
CWU 49-25	U-0285A	003728000001 430473070200
CWU 52-33	U-0336	003732000001 430473071200
CWU 58-19	U-0337	003738000001 430473082700
CWU 217-23	U-0282	003681000001 430473115700
CWU 220-10	U-0281	003684000001 430473115400
CWU 224-10	U-0281	003685000001 430473121800
CWU 225-02	ML-3077	003686000001 430473130500
CWU 226-03	U-0281	003687000001 430473131200
CWU 227-03	U-0281	003688000001 430473131300
CWU 228-09	FEE	003689000001 430473131700
CWU 229-12	U-0282	003690000001 430473131500
CWU 231-14	U-0282	003692000001 430473131800

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #	
CWU 232-15	U-0283A	003693000001	430473130900
CWU 233-15	U-0283A	003694000001	430473132000
CWU 234-23	U-0282	003695000001	430473131900
CWU 236-13 BC	U-0282	003697000001	430473139300
CWU 236-13 PP		003697000002	430473139300
CWU 237-22	U-0284	003698000001	430473139200
CWU 238-16	ML-3078	003699000001	430473138500
CWU 239-09	U-0283A	003700000001	430473148300
CWU 240-16	ML-3078	003702000001	430473147100
CWU 241-16	ML-3078	003703000001	430473147200
CWU 244-25A CH	U-0285A	003707000002	430473155900
CWU 244-25A ISL		003707000001	430473155900
CWU 301-26	U-010956	019747000001	430473200200
CWU 302-2F	ML-3077	020089000001	430473321200
CWU 303-22	U-0284A	019748000001	430473200000
CWU 304-13	U-0282	019749000001	430473199900
CWU 306-27	U-0285A	021166000001	430473217500
CWU 307-28	U-0285A	021167000001	430473217600
CWU 308-21	U-0284A	021168000001	430473220000
CWU 310-9	U-0283A	024129000001	430473243900
CWU 311-26	U-0285A	021169000001	430473218000
CWU 312-23	U-0282	020022000001	430473209100
CWU 315-11F	U-0281	032567000001	430473332600
CWU 319-14	U-0282	020023000001	430473209600
CWU 320-11X	U-0281	024130000001	430473244800
CWU 321-26	U-0285A	020025000001	430473210000
CWU 323-22	U-0284A	020024000001	430473210100
CWU 324-22	U-0284A	021172000001	430473220800
CWU 325-24N	U-0282	031378000001	430473306600
CWU 326-24	U-0282	021628000001	430473227700
CWU 327-23	U-0282	021629000001	430473231900
CWU 328-24F	U-0282	032254000001	430473332100
CWU 332-10	U-0281	024131000001	430473243100
CWU 334-02	ML-3077	021630000001	430473231800
CWU 337-9N	FEE	021631000001	430473241400
CWU 339-25	U-010956	021173000001	430473220600
CWU 340-26N	U-0285A	024133000001	430473241900
CWU 341-21N	U-0284A	022029000001	430473237100
CWU 342-22	U-0284A	021198000001	430473221000
CWU 343-15N	U-0283A	022030000001	430473236900
CWU 344-23N	U-0282	022031000001	430473237000
CWU 345-9N	U-0283A	022032000001	430473237200
CWU 346-26N	U-0285A	022033000001	430473236800
CWU 347-26N	U-010956	022034000001	430473236700
CWU 348-23N	U-0282	022035000001	430473237300

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 349-27N	U-0285A	022036000001
CWU 350-14N	U-0282	022037000001
CWU 351-15N	U-0283A	022038000001
CWU 352-16	ML-31603	032569000001
CWU 353-15F	U-0283A	025923000001
CWU 355-13N	U-0282	025926000001
CWU 358-23F	U-0282	025924000001
CWU 359-27N	U-0285A	024135000001
CWU 360-26N	U-0285A	024136000001
CWU 364-15	U-0283A	024138000001
CWU 401-28F	U-0285A	031398000001
CWU 403-3N	U-0281	025124000001
CWU 404-10N	U-0281	025125000001
CWU 407-16N	ML-3078	032570000001
CWU 408-09N	FEE	030439000001
CWU 409-11N	U-0281	025927000001
CWU 410-02N	ML-3077	030389000001
CWU 411-10N	U-0281	025126000001
CWU 416-24N	SL-071756	025127000001
CWU 429-22N	U-0284A	025129000001
CWU 430-22F	U-0284A	025130000001
CWU 431-23F	U-0282	025131000001
CWU 432-12N	U-2081	025123000001
CWU 433-28N	U-0285A	002592900001
CWU 434-27N	*43.047.32789 U-0285A	025930000001
CWU 435-24N	U-0282	025931000001
CWU 439-11N	U-0281	025932000001
CWU 440-14F	U-0282	025925000001
CWU 441-11F	U-0281	032571000001
CWU 442-11F	U-0281	030577000001
CWU 443-11F	U-0281	027627000001
CWU 448-10F	U-0281	030440000001
CWU 449-10F	U-0281	030666000001
CWU 451-14F	U-0282	027628000001
CWU 454-14F	U-0282	030441000001
CWU 457-15N	U-0283A	030667000001
CWU 458-15F	U-0283A	030668000001
CWU 460-16F	ML-3078	032572000001
CWU 462-24F	SL-071756	032255000001
CWU 463-23F	U-0282	027629000001
CWU 464-23F	U-0282	032573000001
CWU 465-23	U-0282	030669000001
CWU 467-22F	U-0284A	030390000001
CWU 469-22E	U-0284A	027630000001
CWU 471-21F	U-0284A	031399000001

LA in ERROR

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #	
CWU 474-21F	U-0284A	032574000001	430473333100
CWU 477-27F	U-0285A	030391000001	430473289700
CWU 479-26F	U-0285A	027631000001	430473282600
CWU 480-26F	U-0285A	030388000001	430473289600
CWU 482-09F	U-0283A	030392000001	430473289400
CWU 483-15F	U-0283A	030665000001	430473295300
CWU 485-26F	U-0285A	030670000001	430473292700
CWU 486-2F	ML-3077	030576000001	430473294900
CWU 487-09F	U-0283A	030617000001	430473295000
CWU 488-13F	U-0282	030570000001	430473292200
CWU 490-16N	ML-3078	030615000001	430473295500
CWU 491-16N	ML-3078	030618000001	430473295600
CWU 492-16F	ML-3078	030616000001	430473295700
CWU 494-22F	U-0284A	030444000001	430473291500
CWU 495-25N	U-0285A	030673000001	430473304700
CWU 496-21E	U-0284A	030614000001	430473295800
CWU 497-24F	U-0282	030674000001	430473304600
CWU 498-25E	U-010956	030575000001	430473304800
CWU 499-24F	U-0282	030672000001	430473292600
CWU 505-28F	U-023998	031400000001	430473318000
CWU 506-27F	U-0285A	031401000001	430473283300
CWU 507-26F	U-010956	032444000001	430473333200
CWU 511-24F	U-0282	031379000001	430473305900
CWU 514-23F	U-0282	031380000001	430473305800
CWU 516-21F	U-0284A	031382000001	430473313700
CWU 517-16F	ML-3078	032257000001	430473317100
CWU 518-16F	ML-3078	031402000001	430473313800
CWU 520-15F	U-0283A	031381000001	430473312700
CWU 521-15F	U-0283A	032258000001	430473329600
CWU 522-15F	U-0283A	032242000001	430473323600
CWU 523-14F	U-0282	032259000001	430473329700
CWU 524-13F	U-0282	031403000001	430473311500
CWU 531-11F	U-0281	032260000001	430473329800
CWU 532-10F	U-0281	031407000001	430473326500
CWU 534-9F	U-0283A	031408000001	430473327400
CWU 535-9F	FEE	032220000001	430473327500
CWU 536-09F	FEE	031409000001	430473314300
CWU 538-3N	U-0281	031410000001	430473312500
CWU 542-3	U-0281	032221000001	430473321300
CWU 543-3	U-0281	032222000001	430473327100
CWU 544-02F	ML-3077	032576000001	430473335100
CWU 547-2F	ML-3077	031412000001	430473313600
CWU 549-19F	U-0337	031383000001	430473306800
CWU 550-30N	U-0337	031384000001	430473311600
CWU 555-10F	U-0281	031385000001	430473323700

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 556-11F	U-0281	031414000001
CWU 558-14F	U-0282	031386000001
CWU 559-14F	U-0282	031387000001
CWU 560-14F	U-0282	031416000001
CWU 561-14F	U-0282	031417000001
CWU 563-27F	U-0285A	031419000001
CWU 564-16F	ML-3078	031388000001
CWU 565-28F	U-0285A	031245000001
CWU 566-22F	U-0284A	031420000001
CWU 570-02F	ML-3077	031746000001
CWU 571-9F	U-0283A	031747000001
CWU 572-10F	U-0281	031748000001
CWU 573-11F	U-0281	031749000001
CWU 574-12N	U-0281	031750000001
CWU 575-13F	U-0282	031751000001
CWU 576-14F	U-0283	031752000001
CWU 577-22F	U-0284A	031753000001
CWU 578-22F	U-0284A	031754000001
CWU 579-23F	U-0282	031755000001
CWU 580-23F	U-0282	031756000001
CWU 582-1N	U-01458	031758000001
CWU 584-13F	U-0282	032261000001
CWU 585-2	ML-3077	032223000001
CWU 586-4	U-0283A	032224000001
CWU 589-28	U-0285A	032262000001
CWU 591-23F	U-0282	032577000001
CWU 592-11F	U-0281	032578000001
CWU 593-11F	U-0281	032579000001
DC 1-11 GR	U-27042	003747000001
DC 2-10 GR	U-27042	003758000001
DC 4-17 GR	U-38400	003780000001
DC 60-29	U-24230	003804000001
DC 61-29	U-24230	003805000001
* HARLEY GOVT #1	U-3405	009856000001
HOME FEDERAL #1-34	U-3405	006503000001
HOME FEDERAL #1-34 WAS	—	006503000002
LTL PAP 1-26 B5	U-43156	010439000001
LTL PAP 1-26 RED	—	010439000002
N CHAPITA 2-5	Full	031873000001
NATURAL COTTON 11-20	U-0575	023868000001
NATURAL COTTON 12-17	U-0575	025208000001
NATURAL COTTON 13-20	U-0575	023863000001
NATURAL COTTON 14-08	U-0575	023867000001
NATURAL COTTON 23-18	U-0581	023866000001
NATURAL COTTON 23-28	U-0576	023864000001

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NATURAL COTTON 34-21	U-0576 023865000001	430473242600
NATURAL COTTON 43-16	ML-3282 025207000001	430473046800
NBU 1-07B	004478000001	430473026100
NBU 2-15B	004489000001	430473026200
NBU 3-02B	004524000001	430473026700
NBU 4-35B	004538000001	430473027300
NBU 5-36B	004550000001	430473027200
NBU 7-09B	004573000001	430473027800
NBU 8-20B	004576000001	430473027500
NBU 10-29B	004479000001	430473027400
NBU 11-14B	U-0577A 004480000002	430473029200
NBU 11-14B WAS	—	430473029200
NBU 12-23B M4	U-0577A 004481000002	430473030800
NBU 13-08B	004482000001	430473029400
NBU 14-30	U-0581 004483000001	430473029500
NBU 15-29B	004484000001	430473029600
NBU 16-06B	004485000001	430473031600
NBU 17-18B	004486000001	430473031700
NBU 19-21B	004488000001	430473032800
NBU 20-01B	004490000001	430473031900
NBU 21-20B WDW	004497000001	430473035900
NBU 25-20B	004516000001	430473036300
NBU 26-13B	004517000001	430473036400
NBU 27-01B	U-02270A 004518000002	430473038100
NBU 28-04B	004521000001	430473036700
NBU 29-05B	004523000001	430473036800
NBU 30-18	004526000001	430473038000
NBU 31-12B BC	004528000002	430473038500
NBU 31-12B ISL	— 004528000001	430473038500
NBU 33-17B	004531000001	430473039600
NBU 34-17B	000350000001	430473040400
NBU 35-08B	004533000001	430473039700
NBU 36-07B	004534000001	430473039900
NBU 37-13B	U-0579 004535000001	430473040000
NBU 38-22B	U-0577A 004536000001	430473040100
NBU 48-29B	004547000001	430473054200
NBU 48-29B	— 004547000002	430473054200
NBU 49-12B	004548000001	430473047000
NBU 52-01B	004553000001	430473047300
NBU 53-03B	004555000001	430473047400
NBU 54-02B	004556000001	430473047500
NBU 55-10B	004557000001	430473046500
NBU 57-12B	004559000001	430473046300
NBU 58-23B	004560000001	430473046200
NBU 62-35B	004565000001	430473047700

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NBU 63-12B	004566000001	430473046600
NBU 70-34B	004574000001	430473057700
NBU 71-26B	004575000001	430473057800
NBU 202-03	004493000001	430473115000
NBU 205-08	004494000001	430473123800
NBU 206-09	004495000001	430473116500
NBU 207-04	004496000001	430473117700
NBU 210-24	004498000001	430473115300
NBU 211-20	004499000001	430473115600
NBU 212-19	004500000001	430473126700
NBU 213-36	004501000001	430473126800
NBU 217-02	004505000001	430473128200
NBU 218-17	004506000001	430473131000
NBU 219-24	004507000001	430473130800
NBU 301-24E	020165000001	430473213100
NBU 302-9E	019750000001	430473201000
NBU 304-18E	020166000001	430473213000
NBU 305-07E	020167000001	430473213500
NBU 306-18E	021473000001	430473228200
NBU 307-6E	019751000001	430473201400
NBU 308-20E	021203000001	430473220200
NBU 309-20E	021295000001	430473228300
NBU 311-23E	021205000001	430473220300
NBU 313-29E	021832000001	430473237800
NBU 314-03E	021404000001	430473227100
NBU 316-17E	021935000001	430473238100
NBU 317-12E	021938000001	430473236200
NBU 318-36E	021204000001	430473220400
NBU 321-10E	021943000001	430473237900
NBU 322-15E	031312000001	430473313900
NBU 325-8E	021940000001	430473237600
NBU 328-13E	021944000001	430473238600
NBU 329-29E	021532000001	430473222900
NBU 331-35E	020174000001	430473214700
NBU 332-08E	020175000001	430473214800
NBU 333-2E	021405000001	430473251800
NBU 335-23E	021406000001	430473226500
NBU 336-24E	021407000001	430473226400
NBU 339-19E	021533000001	430473228100
NBU 340-20E	021408000001	430474232700
NBU 341-29E	022179000001	430473305500
NBU 342-35E	021206000001	430473221200
NBU 343-36E	021207000001	430473220500
NBU 349-07E	021534000001	430473232600
NBU 352-10E	021937000001	430473251900

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NBU 356-29E	021834000001	430473238300
NBU 358-1E	021942000001	430473238800
NBU 360-13E	021945000001	430473238700
NBU 382-18E	031002000001	430473306400
NBU 386-24E	031005000001	430473305600
NBU 388-19E	031134000001	430473305700
NBU 389-29E	031344000001	430473304900
NBU 390-4E	031316000001	430473283500
NBU 391-05E	031007000001	430473298800
NBU 393-13E	031008000001	430473307100
NBU 394-13E	031009000001	430473307200
NBU 400-11E	025576000001	430473254400
NBU 431-09E	031135000001	430473306900
NBU 481-03E	031136000001	430473306300
NBU 483-19E	031137000001	430473306500
NBU 489-07E	031329000001	4304733121
NBU 490-30E	<i>Apd. U-0581</i> 031330000001	430473313500
NBU 497-1E	031337000001	430473312300
NBU 506-23E	031342000001	430473314000
NBU 508-8E	031300000001	430473312400
NBU STATE 1-32G	<i>ML-22261</i> 004470000001	430473031500
NBU STATE 2-36G	004471000001	430473051500
NDC 69-29 ORI	<i>U-24230</i> 010915000001	430473158000
NDK STORAGE	024739000001	
NDU 1-28	<i>U-0516</i> 004581000001	430473126900
OSCU II 1-34	<i>U-49523</i> 019777000001	430473203900
OSCU II 2-27 (DEV)	<i>U-49518</i> 001727000001	430473189800
OSCU II FED #1	<i>U-49518</i> 011041000001	430473172200
STG 1-32	<i>ML-3085</i> 005915000001	430471507100
STG 2-28	<i>U-0803</i> 005928000001	430471507200
STG 6-20	<i>Indian</i> 005936000001	430471507500
STG 11-22	<i>U-025900</i> 005919000001	430472019300
STG 14-34	<i>U-9613</i> 005922000001	430473059400
STG 15-27	<i>U-0803</i> 005923000001	430473060400
STG 18-17	<i>Fee</i> 005926000001	430473061100
STG 19-33	<i>U-9613</i> 005927000001	430473065700
STG 21-08	<i>U-0283</i> 005930000001	430473065900
STG 22-17	<i>Indian</i> 005931000001	430473129900
STG 33-17N	<i>Indian</i> 024128000001	430473244100
STG 41-20	<i>U-019302A</i> 021175000001	430473228000
STG 44-8N	<i>U-0283</i> 025122000001	430473252000
STG 48-17F	<i>Indian</i> 031389000001	430473272800
STG 50-20F	<i>U-019302</i> 031390000001	430473310400
STG 51-20F	<i>Indian</i> 031391000001	430473312000
STG 52-08N	<i>U-0283</i> 031745000001	430473283400

EOG RESOURCES, INC.
 UTAH OPERATED WELLS

WELL NAME		EOG PROPERTY #	API #
STG 53-08N	<i>U-0283</i>	032264000001	430473268200
STG 56-20F	<i>Indian</i>	032265000001	430473337000
STG 57-08N	<i>U-0283</i>	032266000001	430473337100
WILD HORSE FED 2-26	<i>U-3405</i>	008266000001	430473188200
WILD HORSE FED 2-35	<i>U-3405</i>	019139000001	430473190100
WILD HORSE FED 3-26	<i>U-43156</i>	021869000001	430473237700
WILD HORSE FED 3-35	<i>U-3405</i>	021871000001	430473238900

OPERATOR CHANGE WORKSHEET

1-KDR	6-KAS ✓
2-GLH	7-SJ ✓
3-JRB	8-FILE
4-CDW	
5-KDR	

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 (MERGER)

The operator of the well(s) listed below has changed, effective: 8-30-99

TO:(New Operator) EOG RESOURCES INC.
 Address: P.O. BOX 4362
HOUSTON, TX 77210-4362
DEBBIE HAMRE
 Phone: (713)651-6714
 Account No. N9550

FROM:(Old Operator) ENRON OIL & GAS COMPANY
 Address: P.O. BOX 4362
HOUSTON, TX 77210-4362
DEBBIE HAMRE
 Phone: (713)651-6714
 Account No. N0401

ALL(S): Attach additional page(s) if needed.

Name: **SEE ATTACHED**	API: <u>1304730308</u>	Entity: <u>S23 T95 R208</u>	Lease: _____
Name: _____	API: _____	Entity: <u>S T R</u>	Lease: _____
Name: _____	API: _____	Entity: <u>S T R</u>	Lease: _____
Name: _____	API: _____	Entity: <u>S T R</u>	Lease: _____
Name: _____	API: _____	Entity: <u>S T R</u>	Lease: _____
Name: _____	API: _____	Entity: <u>S T R</u>	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- KDR 1. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form) on 10.7.99.
- KDR 2. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 10.7.99.
- KDR 3. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is _____. If no, Division letter was mailed to the new operator on _____.
- KDR 4. **Federal and Indian Lease Wells.** The BLM and/or the BIA has approved the operator change for all wells listed above involving Federal and/or Indian leases. BIM-Rec'd 10.20.99
BIA-Rec'd 3.10.99
- N/A 5. **Federal and Indian Units.** The BLM and/or the BIA has approved the operator change for the _____ unit and all wells listed above involving unit operations. (name change only - BIM approved)
- N/A 6. **Federal and Indian Communitization Agreements ("CA").** The BLM and/or the BIA has approved the operator change for CA (Federal,Indian), CA No. _____, and all wells listed above involved in the CA.

* For wells located on a CA (state or fee) send a copy of the sundry notice of all wells involved to Teresa Thompson at the S.L. Office before approval.

7. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above. ** need 1 for 43.*
- KDR 8. Changes have been entered in the **Oil and Gas Information System** for each well listed on 1.31.2000 ^{3.16.00} *by DTS*
9. Changes have been entered in **RBDMS** for each water/gas injection, water disposal well listed on _____.
10. Changes have been included on the monthly "Operator, Address, and Account Changes" memo on _____.
- KDR 11. An **Operator Change File** has been set up, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- KDR 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.
- KDR 2. Tax Commission, Trust Lands, and Forestry, Fire & State Lands have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE LEASE WELLS)

- KDR 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond. *Letter # JT-1230 eff 10.4.99 St. Paul Fire & Marine (80,000)*
2. A copy of this form has been placed in the new and former operator's bond files on _____.
- KDR 3. The **FORMER** operator has requested a release of liability from their bond as of today's date No, Rider. If yes, Division response was made to this request by letter dated _____ (see bond file).

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- KDR 1. E-mail sent on _____ to _____ at SITLA for changes involving State leases. (Wait two weeks before changing, unless the Division hears otherwise.) *(80,000 Statewide) St. Paul Fire & Marine JP-0921*
- KDR 2. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated 2.1.2000, of their responsibility to notify all interest owners of this change.

FILMING

- VS 1. All attachments to this form have been **microfilmed** on APR. 25 2001.

FILING

1. **Copies** of all attachments pertaining to each individual well have been filed in each well file.
2. The **original of this form**, and the **original attachments** have been filed in the Operator file(s).

COMMENTS

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

X Change of Operator (Well Sold)
 Operator Name Change

Designation of Agent/Operator
 Merger

1. DJJ
2. CDW

The operator of the well(s) listed below has changed, effective: **1/1/2010**

FROM: (Old Operator): N9550-EOG Resources 1060 E Hwy 40 Vernal, UT 84078 Phone: 1-(435) 781-9111	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	---

WELL NAME(S)	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST									

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/24/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/24/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** 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: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 1/31/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/31/2010
- Bond information entered in RBDMS on: 1/31/2010
- Fee/State wells attached to bond in RBDMS on: 1/31/2010
- Injection Projects to new operator in RBDMS on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: WYB000291
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number 22013542
- The **FORMER** operator has requested a release of liability from their bond on: n/a

COMMENTS:

EOG transferred all their leases and permits in NBU to Kerr-McGee effective January 1, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

8. Well Name and No.
Multiple Wells

2. Name of Operator
EOG Resources, Inc

9. API Well No.
See Attached

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

10. Field and Pool or Exploratory Area
Natural Buttes

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

11. Country or Parish, State
Utah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT 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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<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 recomplete 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

APPROVED* 1/31/2010 *except
Earlene Russell (1)
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

By: Michael A. Nixon Date: 12/17/2009
Michael A. Nixon
Agent and Attorney-in-Fact

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)
J. Michael Schween Title Agent and Attorney-in-Fact
Signature Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED

Approved by _____ Title _____ Date DEC 24 2009

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.

Title _____ Date _____
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 or fraudulent statements or representations as to any matter within its jurisdiction.

(1)

Lease	API #	Well Name	Footages	T	R	Sec.	QQ	PROPOSED TD	APD Sub'd
UTU-0581	43-047-40216	Natural Buttes Unit 419-29E	859 FNL - 2338 FWL	9S	21E	29	NENW	6,640	6-26-08
UTU-0581	43-047-50127	Natural Buttes Unit 420-29E	471 FNL - 2012 FEL	9S	21E	29	NWNE	6,673	9-11-08
UTU-01791	43-047-40225	Natural Buttes Unit 430-8E	882 FSL - 514 FWL	10S	21E	8	SWSW	6,201	7-3-08
UTU-01791	43-047-40074	Natural Buttes Unit 432-9E	864 FSL - 686 FWL	10S	21E	9	SWSW	5,984	5-8-08
UTU-010954-A	43-047-39732	Natural Buttes Unit 512-35E	722 FNL - 1988 FWL	9S	22E	35	NENW	7,412	10-19-07
UTU-0149076	43-047-35688	Natural Buttes Unit 540-24E	521 FSL - 750 FEL	9S	21E	24	SESE	9,800	8-6-04
UTU-010954	43-047-39306	Natural Buttes Unit 603-35E	1047 FNL - 679 FEL	9S	22E	35	NENE	7,257	5-14-07
UTU-010954-A	43-047-39302	Natural Buttes Unit 604-35E	1139 FNL - 1826 FEL	9S	22E	35	NWNE	7,330	5-11-07
UTU-010954	43-047-50275	Natural Buttes Unit 605-35E	1799 FNL - 2165 FEL	9S	22E	35	SWNE	7,290	1-29-09
UTU-010954-A	43-047-39292	Natural Buttes Unit 627-35E	1970 FNL - 1847 FWL	9S	22E	35	SENW	7,275	5-7-07
UTU-6774	43-047-50028	Natural Buttes Unit 672-25E	1980 FNL - 660 FWL	10S	20E	25	SWNW	6,032	2-5-08
UTU-6774	43-047-50036	Natural Buttes Unit 675-25E	1977 FNL - 2110 FEL	10S	20E	25	SWNE	6,035	3-14-08
UTU-6774	43-047-50031	Natural Buttes Unit 676-25E	1978 FNL - 923 FEL	10S	20E	25	SENE	6,100	2-12-08
UTU-4476	43-047-40416	Natural Buttes Unit 677-26E	839 FNL - 1133 FWL	10S	20E	26	NWNW	6,157	11-14-08
UTU-4476	43-047-40220	Natural Buttes Unit 678-26E	1960' FNL - 481 FWL	10S	20E	26	SWNW	6,254	7-3-08
UTU-4476	43-047-40305	Natural Buttes Unit 680-26E	799 FNL - 1923 FEL	10S	20E	26	NWNE	6,242	8-1-08
UTU-01791	43-047-40417	Natural Buttes Unit 692-6E	661 FSL - 1840 FWL	10S	21E	6	SESW	6,484	11-14-08
UTU-472	43-047-40268	Natural Buttes Unit 701-26E	2215 FNL - 1770 FEL	10S	22E	26	SWNE	7,023	7-24-08
UTU-472	43-047-40240	Natural Buttes Unit 702-26E	2130 FSL - 1903 FEL	10S	22E	26	NWSE	7,003	7-14-08
UTU-472	43-047-40241	Natural Buttes Unit 703-26E	1836 FSL - 797 FEL	10S	22E	26	NESE	6,991	7-14-08
UTU-472	43-047-40267	Natural Buttes Unit 704-26E	785 FSL - 1806 FEL	10S	22E	26	SWSE	6,998	7-24-08
UTU-472	43-047-40374	Natural Buttes Unit 705-26E	552 FSL - 475 FEL	10S	22E	26	SESE	6,957	9-22-08
UTU-037167	43-047-40243	Natural Buttes Unit 710-35E	600 FNL - 1967 FWL	10S	22E	35	NENW	6,984	7-14-08
UTU-037167	43-047-40418	Natural Buttes Unit 712-35E	2160 FNL - 1923 FWL	10S	22E	35	SENW	6,938	11-14-08
UTU-037167	43-047-40242	Natural Buttes Unit 713-35E	739 FSL - 702 FEL	10S	22E	35	NENE	6,902	7-14-08
UTU-037167	43-047-40270	Natural Buttes Unit 714-35E	1957 FNL - 1881 FEL	10S	22E	35	SWNE	6,933	7-24-08
UTU-037167	43-047-40269	Natural Buttes Unit 715-35E	1684 FNL - 1042 FEL	10S	22E	35	SENE	6,921	7-24-08
UTU-0577-A	43-047-50262	Natural Buttes Unit 716-26E	660 FNL - 1980 FEL	9S	20E	26	NWNE	7,184	1-19-09
UTU-0577-A	43-047-40264	Natural Buttes Unit 717-26E	2084 FNL - 1978 FEL	9S	20E	26	SWNE	7,180	7-24-08
UTU-0577-A	43-047-40210	Natural Buttes Unit 718-26E	2009 FNL - 557 FEL	9S	20E	26	SENE	7,201	6-26-08
UTU-0577-A	43-047-50116	Natural Buttes Unit 719-26E	2088 FSL - 2171 FEL	9S	20E	26	NWSE	7,164	9-11-08
UTU-0577-A	43-047-40265	Natural Buttes Unit 720-26E	1916 FSL - 685 FEL	9S	20E	26	NESE	7,175	7-24-08
UTU-0577-A	43-047-50115	Natural Buttes Unit 721-26E	624 FSL - 1828 FEL	9S	20E	26	SWSE	7,167	9-11-08
UTU-0577-A	43-047-40209	Natural Buttes Unit 722-26E	676 FSL - 849 FEL	9S	20E	26	SESE	7,175	6-26-08
UTU-0582	43-047-40212	Natural Buttes Unit 723-35E	668 FNL - 1985 FEL	9S	20E	35	NWNE	7,093	7-2-08
UTU-0582	43-047-40215	Natural Buttes Unit 724-35E	758 FNL 781 FEL	9S	20E	35	NENE	7,097	7-2-08
UTU-0582	43-047-40214	Natural Buttes Unit 725-35E	1884 FNL - 2179 FEL	9S	20E	35	SWNE	7,074	6-26-08
UTU-0582	43-047-40211	Natural Buttes Unit 726-35E	1966 FNL - 515 FEL	9S	20E	35	SENE	7,084	6-26-08
UTU-460	43-047-50274	Natural Buttes Unit 727-35E	2049 FSL - 1745 FEL	9S	20E	35	NWSE	7,031	1-29-09
UTU-460	43-047-40458	Natural Buttes Unit 728-35E	852 FSL - 1937 FEL	9S	20E	35	SWSE	7,017	12-19-08

RECEIVED

DEC 24 2008

DIV. OF OIL, GAS & MINING

Lease	API #	Well Name	Footages	T	R	Sec.	QQ	PROPOSED TD	APD Sub'd
UTU-460	43-047-40213	Natural Buttes Unit 729-35E	554 FSL - 504 FEL	9S	20E	35	SESE	7,036	6-26-08
UTU-0581	43-047-40218	Natural Buttes Unit 737-30E	1948 FSL - 1071 FWL	9S	21E	30	NWSW (Lot 3)	6,756	7-2-08
UTU-0581	43-047-50468	Natural Buttes Unit 738-30E	1947 FSL - 2465 FWL	9S	21E	30	NESW	6,759	6-8-09
UTU-0581	43-047-40219	Natural Buttes Unit 739-30E	814 FSL - 2147 FWL	9S	21E	30	SESW	6,750	7-2-08
UTU-0581	43-047-50118	Natural Buttes Unit 740-30E	512 FSL - 780 FWL	9S	21E	30	SWSW (Lot 4)	6,809	9-11-08
UTU-0581	43-047-50128	Natural Buttes Unit 741-30E	661 FSL - 1980 FEL	9S	21E	30	SWSE	6,729	9-11-08
UTU-0581	43-047-40183	Natural Buttes Unit 742-30E	497 FSL - 618 FEL	9S	21E	30	SESE	6,737	6-26-08
UTU-01791	43-047-40222	Natural Buttes Unit 756-6E	1840 FSL - 2317 FWL	10S	21E	6	NESW	6,496	7-3-08
(1) UTU-0129384	43-047-50238	Natural Buttes Unit 757-26E	798 FNL - 850 FEL	10S	21E	26	NENE	6,488	7-14-08
UTU-0129384	43-047-40239	Natural Buttes Unit 758-27E	749 FNL - 664 FEL	10S	21E	27	NENE	5,530	7-14-08
UTU-0581	43-047-40217	Natural Buttes Unit 759-29E	1979 FNL - 2034 FWL	9S	21E	29	SESW	6,644	7-2-08
UTU-01197-A-ST	43-047-50683	Natural Buttes Unit 634-12EX	623 FNL - 672 FEL	10S	22E	12	NENE	7,128	8-23-09
ML-3140.5	43-047-50042	Natural Buttes Unit 733-36E	775 FNL - 2134 FEL	9S	20E	36	NWNE	7,050	4-14-08
UTU-01480-ST	43-047-50053	Natural Buttes Unit 744-31E	2515 FSL - 2533 FWL	9S	21E	31	NESW	6,989	6-5-08
ML-22446	43-047-50059	Natural Buttes Unit 749-31E	955 FSL - 489 FEL	9S	21E	31	SESE (LOT 8)	6,901	6-25-08
ML-3142	43-047-50062	Natural Buttes Unit 750-32E	1091 FNL - 1615 FWL	9S	21E	32	NENW	6,635	7-2-08
ML-3142	43-047-50055	Natural Buttes Unit 753-32E	478 FNL - 2066 FEL	9S	21E	32	NWNE	6,562	6-5-08

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DEC 24 2000

PERMITTED WELL LIST

DIV. OF OIL, GAS & MINING

<u>Well Name</u>	<u>API #</u>	<u>Lease #</u>	<u>QQ</u>	<u>Sec</u>	<u>T</u>	<u>R</u>
Natural Buttes Unit 320-6E	43-047-40224	UTU01791	(Lot 6) NWSW	6	10S	21E
Natural Buttes Unit 375-13E	43-047-50029	UTU4485	SWSW	13	10S	20E
Natural Buttes Unit 377-9E	43-047-40073	UTU01791	NWNW	9	10S	21E
Natural Buttes Unit 425-4E	43-047-39427	UTU01393B	NWSW	4	10S	21E
Natural Buttes Unit 440-1E	43-047-39857	UTU02270A	NWSE	1	10S	20E
Natural Buttes Unit 441-12E	43-047-39418	UTU02270A	SENE	12	10S	20E
Natural Buttes Unit 495-31E	43-047-50037	ML22446	(Lot 6) NWSW	31	9S	21E
Natural Buttes Unit 498-13E	43-047-37684	UTU4485	NESE	13	10S	20E
Natural Buttes Unit 507-7E	43-047-40048	UTU02270A	SESW	7	10S	21E
Natural Buttes Unit 515-25E	43-047-50033	UTU6774	NWNE	25	10S	20E
Natural Buttes Unit 517-6E	43-047-40223	UTU01791	(Lot 7) SWSW	6	10S	21E
Natural Buttes Unit 531-8E	43-047-40050	UTU01791	NESW	8	10S	21E
(1) Natural Buttes Unit 532-12E	43-047-35200	UTU02270A	SWNE	12	10S	20E
Natural Buttes Unit 606-35E	43-047-39797	UTU010954A	NWNW	35	9S	22E
Natural Buttes Unit 607-35E	43-047-39307	UTU010954A	SWNW	35	9S	22E
Natural Buttes Unit 609-23E	43-047-39318	UTU01393B	SENE	23	10S	22E
Natural Buttes Unit 610-23E	43-047-39317	UTU01393B	NESE	23	10S	22E
Natural Buttes Unit 612-23E	43-047-39314	UTU01393B	SWSE	23	10S	22E
Natural Buttes Unit 616-5E	43-047-39304	UTU01393B	SWNE	5	10S	21E
Natural Buttes Unit 619-4E	43-047-39446	UTU01393B	SESW	4	10S	21E
Natural Buttes Unit 620-30E	43-047-39309	ML22793	(Lot 2) SWNW	30	10S	21E
Natural Buttes Unit 628-1E	43-047-39311	UTU01198B	SESW	1	10S	22E
Natural Buttes Unit 629-1E	43-047-39312	UTU01198B	NWSE	1	10S	22E
Natural Buttes Unit 630-1E	43-047-39298	UTU01198B	NESE	1	10S	22E
Natural Buttes Unit 631-1E	43-047-39297	UTU01198B	SESE	1	10S	22E
Natural Buttes Unit 649-26E	43-047-39870	UTU472	NWNE	26	10S	22E
Natural Buttes Unit 651-26E	43-047-39871	UTU472	SENE	26	10S	22E
Natural Buttes Unit 652-6E	43-047-39859	UTU01791	SWSE	6	10S	21E
Natural Buttes Unit 656-1E	43-047-39868	UTU01791	NWNE	1	10S	20E
(1) Natural Buttes Unit 657-1E	43-047-39856	UTU01791	(Lot 1) NENE	1	10S	20E
Natural Buttes Unit 659-1E	43-047-39855	UTU01791	SENE	1	10S	20E
Natural Buttes Unit 669-29E	43-047-50030	U01207ST	SWNE	29	9S	22E

<u>Well Name</u>	<u>API #</u>	<u>Lease #</u>	<u>QQ</u>	<u>Sec</u>	<u>T</u>	<u>R</u>
Natural Buttes Unit 673-25E	43-047-50034	UTU6774	SENW	25	10S	20E
Natural Buttes Unit 674-25E	43-047-50035	UTU6774	NENE	25	10S	20E
Natural Buttes Unit 679-26E	43-047-40221	UTU4476	SENW	26	10S	20E
Natural Buttes Unit 681-26E	43-047-40330	UTU4476	NENE	26	10S	20E
Natural Buttes Unit 682-9E	43-047-40075	UTU01791	NENW	9	10S	21E
Natural Buttes Unit 683-9E	43-047-40072	UTU01791	NESW	9	10S	21E
Natural Buttes Unit 730-36E	43-047-50061	ML3140.5	NWNW	36	9S	20E
(1) Natural Buttes Unit 731-36E	43-047-50061	ML3140.5	NENW	36	9S	20E
Natural Buttes Unit 732-36E	43-047-50060	ML3140.5	SWNW	36	9S	20E
Natural Buttes Unit 734-36E	43-047-50065	ML3140.5	NENE	36	9S	20E
Natural Buttes Unit 735-36E	43-047-50039	ML3140.5	SWNE	36	9S	20E
Natural Buttes Unit 736-36E	43-047-50063	ML3140.5	SENE	36	9S	20E
Natural Buttes Unit 743-31E	43-047-50040	UTU01480AST	(Lot 3) NWSW	31	9S	21E
Natural Buttes Unit 745-31E	43-047-50041	ML224446	Lot 4	31	9S	21E
Natural Buttes Unit 746-31E	43-047-50090	UTU01480ST	NWSE	31	9S	21E
Natural Buttes Unit 747-31E	43-047-50049	UTU01480ST	NESE	31	9S	21E
Natural Buttes Unit 748-31E	43-047-50050	ML22446	(Lot 7) SWSE	31	9S	21E
Natural Buttes Unit 751-32E	43-047-50056	ML3412	SWNW	32	9S	21E
Natural Buttes Unit 752-32E	43-047-50051	ML3412	SENW	32	9S	21E
Natural Buttes Unit 754-32E	43-047-50092	ML3412	SWNE	32	9S	21E
Natural Buttes Unit 755-32E	43-047-50054	ML3412	SENE	32	9S	21E
Natural Buttes Unit 761-5E	43-047-50108	UTU01393B	NWSE	5	10S	21E

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District-Vernal Field Office
170 South 500 East
Vernal, UT 84078
(435) 781-4400 Fax: (435) 781-4410
<http://www.blm.gov/ut/st/en/fo/vernal.html>



IN REPLY REFER TO:
3162.3
UTG011

April 12, 2010

Kathy Schneebeck Dulnoan
Kerr McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779

Re: *43-047-30308*
Change of Operator
Well No. NBU 12-23B
SWNW, Sec. 23, T9S, R20E
Uintah County, Utah
Lease No. UTU-0577A

Dear Ms. Schneebeck Dulnoan:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the referenced well. After a review by this office, the change of operator request is approved. Effective January 1, 2010, Kerr-McGee Oil & Gas Onshore LP is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WYB000291, for all operations conducted on the referenced well on the leased land.

If you have any questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Ryan Angus
Petroleum Engineer

Enclosure

cc: UDOGM
Gillman A Hill
EOG Resources, Inc.

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APR 27 2010
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Multiple Wells

2. Name of Operator
EOG Resources, Inc

9. API Well No.
See Attached

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

10. Field and Pool or Exploratory Area
Natural Buttes

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

11. Country or Parish, State
Uintah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT 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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<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 recomplete 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

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By: Michael A. Nixon Date: 12/17/2009
Michael A. Nixon
Agent and Attorney-in-Fact

BLMVERNAL

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed) J. Michael Schween Title Agent and Attorney-in-Fact
Signature Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by [Signature] Title **Petroleum Engineer** Date **APR 12 2010**
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 **VERNAL FIELD 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 or fraudulent statements or representations as to any matter within its jurisdiction.

Lease #	API #	Well Name	Footages	LEGAL DESCRIPTION
UTU0575	4304731875	COTTONWOOD FEDERAL 1-20	2021' FSL 696' FEL	T09S-R21E-20-NESE
UTU0575	4304732429	NATURAL COTTON 13-20	1388' FSL 1071' FWL	T09S-R21E-20-NWSW
UTU0581	4304732427	NATURAL COTTON 23-18	1318' FSL 2818' FWL	T09S-R21E-18-SESW
UTU0576	4304732425	NATURAL COTTON 23-28	1432' FSL 1587' FWL	T09S-R21E-28-NESW
UTU0576	4304732426	NATURAL COTTON 34-21	1437' FSL 1624' FEL	T09S-R21E-21-NWSE
UTU0576	4304734420	NATURAL COTTON 52-28	1402' FNL 2004' FEL	T09S-R21E-28-SWNE
UTU0576	4304734586	NATURAL COTTON 53-28	1858' FNL 810' FWL	T09S-R21E-28-SWNW
UTU0576	4304731269	NATURAL DUCK 1-28GR	699' FEL 2035' FSL	T09S-R21E-28-NESE
UTU0577A	4304730308	NBU 12-23B	1500' FNL 660' FWL	T09S-R20E-23-SWNW
UTU0577A	4304730401	NBU 38-22B *	638' FSL 1307' FEL	T09S-R20E-22-SESE

* This well is located in CA 66152, successor of operator will be handled at the BLM UT State Office, per Kaylene Gardner on 04/12/2010. ch

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0577A
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: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 12-23B
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047303080000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1500 FNL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 23 Township: 09.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH 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: 9/18/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The operator requests approval to abandon the existing Wasatch formation and recomplete the subject well in the Green River formation. This change will move the well from the Natural Buttes Unit to the Maverick Unit UTU88574X, approval order No. 197-013 on July 25, 2012. This is a Federal well with the lease number UTU-0577A. Please see the attached procedure. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 18, 2013

By: *Dark Quist*

NAME (PLEASE PRINT) Matthew P Wold	PHONE NUMBER 720 929-6993	TITLE Regulatory Analyst I
SIGNATURE N/A	DATE 9/18/2013	



Maverick Unit

NBU 12-23B RE-COMPLETIONS PROCEDURE

DATE: 9/6/13
AFE#:
API#: 4304730308
USER ID: MRX575

COMPLETIONS ENGINEER: Kevin Lammers, Denver, CO
(720) 929-6109 (Office)
(713) 829-7143 (Cell)

REMEMBER SAFETY FIRST!

Name: NBU 12-23B
Location: SW NW Sec 23 T9S R20E
LAT: 40.0240245 **LONG:** -109.6408821 **COORDINATE:** NAD83 (*Surface Location*)
Uintah County, UT
Date: 9/6/13

ELEVATIONS: 4840' GL 4852' KB *Frac Registry TVD: 6500*

TOTAL DEPTH: 6500' **PBTD:** 6458'
SURFACE CASING: 9 5/8", 36# K-55 STC @ 197'
PRODUCTION CASING: 4 1/2", 11.6#, K-55 LTC@ 6500'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# K-55	5,350	4,960	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	

TOPS:

2075' Bird's Nest Top
2623' Mahogany Top
3704' Douglas Creek Top
4750' Carb. Marker Top
4949' Long Point Top
5224' Uteland ButteTop
5364' Wasatch Top
Mesaverde Top (Not Penetrated)
*Based on latest geological interpretation

T.O.C. @ 2860'

**Based on latest interpretation of CBL

- Hydraulic isolation estimated at **2870'** based upon from Gearhart-Owen's CBL dated 2/17/78
- All perforation depths are from Gearhart-Owen's CBL log dated 2/17/78

GENERAL:

- **Please note that:**
 - **DFITs may be pumped in selective intervals. Detailed information regarding timing and intervals tested can be found in the DFIT post-job package.**
 - **In addition, all stages on this procedure may or may not be completed due to low frac gradients, timing, or other possible reasons. Total stages completed can be found in the post-job-report.**

- **CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.**

Existing Perforations:

Date	Formation	TOP	BASE	Number of Holes	STATUS
11/25/1990	Green River	4704	4715	36	ACTIVE
2/18/1978	Wasatch	6088	6126	32	NOT PRODUCING
2/18/1978	Wasatch	6229	6381	48	NOT PRODUCING

Relevant History:

2/23/78- Perf'd and completed well in the Wasatch formation from 6088-6381'. Pumped 124,000 gallons gel with 60,000# 100 mesh and 200,000# 20/40 sand

11/19/1990- Set CIBP @ 6,000' to cover Wasatch interval. Perf'd and completed well in a Douglas Creek sand of the Green River formation from 4704-4715'. Pumped 34,050 gallons of gelled 3% KCL water and 100,000# of 20/40 sand

H2S History:

N/A. No recent production.

PRE-JOB CONSIDERATIONS:

- **Plug calculations are based on Class G cement with 0% Bentonite. Adjust the cement slurry volumes if a different cement type will be used.**
- **2** fracturing stages and **1** acid wash stage required for coverage, but initial recomplete will only contain the acid wash stage
- A minimum of **12** tanks (cleaned lined 500 bbl) of fresh water will be required.
 - **Note:**
 - **Use biocide from Nalco as applicable in frac tanks**
 - **Use only fresh water in order to assure crosslinked fluid performance**
 - **Water needs to be at least 65-75°F at pump time**
- Procedure calls for **3** CBP's (**8,000** psi) and **1** existing plus **1** new CIBP (**10,000** psi).
- 20/40 mesh Ottawa sand.
- Max Sand Concentration: Green River - Long Point Douglas Creek **3** ppg

ON SITE CONSIDERATIONS:

- Maximum surface pressure **3800 psi after replacing wellhead**
- **Remember to pre-load the casing with scale inhibitor from Nalco.**
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.

- Flush volumes are the sum of FR water used during displacement (include scale inhibitor as mentioned above).
- Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush.
- pH should be measured during the treatment in order to make sure acid has been flushed from the treating lines and will not affect the cross-linked gel.
- Multiple test samples will be pulled on the fly to check crosslinked gel.
- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.

PROCEDURE:

WELLHEAD REPLACEMENT, WASATCH PLUG BACK, CEMENT SQUEEZE EXISTING GREEN RIVER PERFORATIONS AND WELL PREPARATION

1. ND 7-1/16, 3K wellhead and replace with 7-1/16, 5K wellhead.
2. MIRU. Check & bleed pressure off 4 1/2" prod csg x 8 5/8" surf csg annulus. ND WH, NU and test BOPE
3. POOH w/tubing. Visually inspect for scale and consider replacing tubing if needed.
4. If circulation can be established down 4-1/2" x 8-5/8" annulus: Pump a top down cement job down 4-1/2" x 8-5/8" annulus. Wait 24 hours for cement to cure.
5. MIRU wireline. Run CBL from 3000' to surface under 1000 psi pressure.
6. Tag CIBP @ 6000' to confirm CIBP depth.
7. NU and test BOPs. RIH with 3 7/8" mill and clean out to 4735', which is 20' below bottom of existing perf @ 4715'.
8. Establish injection rate into perforations
9. RIH set CICR at ~4684'. Set CBP below to isolate wellbore from cement at the discretion of foreman.
10. R/U cement company and pump recommended cement job into perforations from **4704-4715'**, based off injection rate and pressure. PU w/stinger and reverse circulate clean. WOC for a minimum 12 hours prior to drill out.
11. POOH. TIH with 3 7/8" bit, pump off sub, SN and tubing. D-O CICR and cement to ~**4724'**. Pressure test casing and perforations to 3500 psi for 10 minutes. Also verify that there is no gas flow or pressure building up on the surface casing. Contact engineer if there is a test failure. **If pressure test fails**, set retrievable bridge plug @ 4600' to confirm that there are not existing perms causing failure at 4408-4422' as per OpenWells.
12. **PLUG #1- ISOLATE WASATCH PERFORATIONS (6088' – 6381')**: CIBP is already in place in well at 6000'. Displace a minimum of 7 **SX**/ 0.8 **BBL**/ 4.4 **CUFT** of cement on top

of plug. PUH above TOC (~5950', equivalent to 50' COVERAGE). REVERSE CIRCULATE W/ TREATED FRESH WATER.

13. **PLUG #2 - PROTECT TOP OF WASATCH (5364')**: RIH W/ 4 1/2" CIBP. SET @ ~5339' (~29' below top of formation). Dump bail 7 SX/ 0.8 BBL/ 4.4 CUFT of cement on top of plug. PUH above TOC (~5289', equivalent to 50' COVERAGE).
14. RIH with 2 7/8" flush joint tubing and packer. Land @ ~4765', circulate packer fluid, and set packer.
15. Pressure test casing to **3800 psi** for 15 minutes below the packer; if pressure test fails, contact Denver engineer. **Lock OPEN the Braden head valve.**
16. Retrieve/drillout packer if work will not be completed immediately before completion.
17. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

GREEN RIVER COMPLETION

1. MIRU. Kill well as needed. ND WH, NU and test BOPE. If packer will need to be set again, repeat steps 14-15 as listed above.
2. ND BOPs and NU frac valves. Test frac valves to 1000 psi for 15 minutes and to **3800 psi** for 30 minutes. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
3. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
4. Perf the following with 3-1/8", 19 gm, 0.40"hole:

Zone	From	To	spf	# of shots
UTELAND BUTTE	5021	5022	3	3
UTELAND BUTTE	5047	5050	3	9
UTELAND BUTTE	5052	5056	3	12
UTELAND BUTTE	5062	5063	3	3
UTELAND BUTTE	5072	5074	3	6
UTELAND BUTTE	5118	5122	3	12
5. Breakdown perfs and establish injection rate. Perform acid wash as outlined in Stage 1 on attached listing. Displace with 3344 gal of FR water (volume to bottom perfs).
Note: Ball sealer schedule to follow
6. When well stops flowing, unset packer and POOH with tubing and packer. RIH and land tubing at 5122' unless otherwise instructed by production engineer.

The following steps of the procedure will be completed at a later date since this is a Uteland Butte discrete test.

7. MIRU. Kill well as needed.
8. Set 8000 psi CBP at ~5001'. Perf the following 3-1/8", 19 gm, 0.40"hole:
- | Zone | From | To | spf | # of shots |
|------------|------|------|-----|------------|
| LONG POINT | 4878 | 4879 | 3 | 3 |
| LONG POINT | 4899 | 4900 | 3 | 3 |
| LONG POINT | 4918 | 4919 | 3 | 3 |
| LONG POINT | 4931 | 4932 | 3 | 3 |
| LONG POINT | 4968 | 4969 | 3 | 3 |
| LONG POINT | 4979 | 4981 | 3 | 6 |
9. Spear head 250 gals of 15% HCl at 5 bpm pumping rate. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Displace with 3184 gal of FR water (volume to top perfs).
10. Set **8000** psi CBP at ~4348'. Perf the following with 3-1/8", 19 gm, 0.40" hole:
- | Zone | From | To | spf | # of shots |
|---------------|------|------|-----|------------|
| DOUGLAS CREEK | 4285 | 4286 | 4 | 4 |
| DOUGLAS CREEK | 4291 | 4293 | 4 | 8 |
| DOUGLAS CREEK | 4296 | 4298 | 4 | 8 |
11. Spear head 250 gals of 15% HCl at 5 bpm pumping rate. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Displace with 2797 gal of FR water (volume to top perfs).
12. Set 8000 psi CBP at~4235'.
13. ND Frac Valves, NU and Test BOPs.
14. TIH with 3 7/8" bit, pump off sub, SN and tubing.
15. Drill plugs and clean out to 5250. Shear off bit and land tubing at $\pm 5122'$ unless indicated otherwise by the well's behavior.
16. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
17. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

GREEN RIVER OIL WELL OPERATING PROCEDURE:

The Green River oil wells will be produced and treated in the following manner. Oil, water and gas will flow to surface treating facilities where it will be separated. The oil and water will then flow to storage tanks. Gas will flow in to the gathering system; which has a nominal operating pressure of ~120 psig. If gas line pressure increases above the 120 psig range the gas will flow to a compressor and be compressed to line pressure. If the compressor is down due to mechanical problems or line pressure is out of range for the compressor, gas will flow to a flare and be burned on site. If no compressor is installed then gas will be flared when pressure is greater than 120 psig.

Key Contact information

Completion Engineer

Kevin Lammers: 713/829-7143, 720/929-6109

Production Engineer

Jesse Markeveys: 215/380-0781, 435/781-7055

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435/828-6515, 435/781-7046

Completion Manager

Jeff Dufresne: 720/929-6281, 303/241-8428

Vernal Main Office

435/789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Name NBU 12-23B
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	UTELAND BUTTE	5021	5022	3	3	5020	to	5125
	UTELAND BUTTE	5047	5050	3	9			
	UTELAND BUTTE	5052	5056	3	12			
	UTELAND BUTTE	5062	5063	3	3			
	UTELAND BUTTE	5072	5074	3	6			
	UTELAND BUTTE	5118	5122	3	12			
	UTELAND BUTTE							
	UTELAND BUTTE							
	# of Perfs/stage				45	CBP DEPTH	5,001	
2	LONG POINT	4878	4879	3	3	4879	to	4987
	LONG POINT	4899	4900	3	3			
	LONG POINT	4918	4919	3	3			
	LONG POINT	4931	4932	3	3			
	LONG POINT	4968	4969	3	3			
	LONG POINT	4979	4981	3	6			
	LONG POINT							
	# of Perfs/stage				21	CBP DEPTH	4,348	
3	DOUGLAS CREEK	4285	4286	4	4	4287	to	4304
	DOUGLAS CREEK	4291	4293	4	8			
	DOUGLAS CREEK	4296	4298	4	8			
	DOUGLAS CREEK			0	0			
	DOUGLAS CREEK			0	0			
	DOUGLAS CREEK			0	0			
	DOUGLAS CREEK			0	0			
	# of Perfs/stage				20	CBP DEPTH	4,235	
Totals				86			Total	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0577A
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: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 12-23B	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047303080000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6511	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1500 FNL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 23 Township: 09.0S Range: 20.0E Meridian: S	COUNTY: UINTAH	
	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: 11/26/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> 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 checked="" 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 type="checkbox"/> OTHER OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The NBU 12-23B was returned to production 11/26/2013 after stage one recomple in the Uteland Butte zone and returned to production 12/21/2013 after stage two recomple in the Douglas Creek and Long Point zone.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 08, 2014</p>		
NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 1/8/2014	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU0577A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
UTU88574X

8. Lease Name and Well No.
NBU 12-23B

9. API Well No.
4304730308

10. Field and Pool or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., on Block and
Survey or Area
SEC 23, T9S, R20E SLB

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
01/08/1978

15. Date T.D. Reached
01/29/1978

16. Date Completed
12/21/2013
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
4852 RKB

18. Total Depth: MD 6500
TVD

19. Plug Back T.D.: MD 5290
TVD

20. Depth Bridge Plug Set: MD 5339
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DIL-CNL/FDC/GR

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

Other: RECOMPLETION

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE, L.P.

3. Address PO BOX 173779
DENVER, CO 80217

3a. Phone No. (include area code)
720-929-6000

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNW 1500 FNL 660 FWL
At top prod. interval reported below
At total depth

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	9 5/8	36		197		200 CLASS G			
7 7/8	4 1/2	11.6		6500		1095 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5191							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UTELAND BUTTE	5021	5122	5021-5122	0.36	30	OPEN
B) LONG POINT	4878	4981	4878-4981	0.36	21	OPEN
C) DOUGLAS CREEK	4285	4298	4285-4298	0.36	20	OPEN
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5021-5122	(11/21/13) PUMP 34 BBLs SLICK H2O & 872 BBLs 15% HCL ACID (1 STAGE)
4285-4981	(12/18/13) PUMP 514 BBLs SLICK H2O, 3,282 XLINK GEL & 161,480 LBS 20/40 MESH SAND (2 STAGES)

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

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/21/13	1/2/14	24	→	33	0	23			PUMPING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
0	68	24	→	33	0	23		PRODUCING	

28a. Production - Interval B

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

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				BIRD'S NEST	2075
				MAHOGANY	2623
				DOUGLAS CREEK	3704
				CARB MARKER	4750
				LONG POINT	4949
				UTELAND BUTTE	5224
				WASATCH	5364

32. Additional remarks (include plugging procedure):

The well was originally completed in the Wasatch in 1978. A CIBP was set at 6000 feet in 1990 and the Green River was perf'd in the Douglas Creek from 4704-4715. An additional CIBP was set on 11/5/13 at 5339 feet with dump bail 7 sx cement on top. A cement squeeze was done on existing Douglas Creek perms with 150 sx cement and a top down job with 250 sx cement. The Uteland Butte was perf'd and frac'd in November and the well was turned to production. In Dec. an isolation plug was set and the Long Point and Douglas Creek zones were perf'd and frac'd. The composite plugs were drilled out and the well is producing from the Green River. Attached is the recompletion history and perforation report.

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

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

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

Name (please print) TEENA PAULO Title STAFF REGULATORY SPECIALIST
 Signature *Teena Paulo* Date 2-11-2014

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

US ROCKIES REGION
Operation Summary Report

Well: NBU 12-23B GR		Spud Date:	
Project: UTAH-UINTAH	Site: NBU 12-23B GR	Rig Name No: SWABBCO 10/10, SWABBCO 6/6	
Event: RECOMPL/RESEREVEADD	Start Date: 9/23/2013	End Date: 12/20/2013	
Active Datum: RKB @0.00usft (above Mean Sea Level)		UWI: NBU 12-23B GR	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
9/23/2013	7:00 -							REMOVE PRODUCTION FACILITIES TO PREPARE LOCATION FOR PAD DRILLING
10/22/2013	-							
10/24/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.
	7:15 - 14:30	7.25	SUBSPR	31		P		SICP= 450#. SITP= 350#. MIRU. BLOW DOWN WELL. MIRU HOT OILER. FLUSH DOWN TBNG & CIRC UP CSNG UNTIL NO OIL PRESENT W/ 50BBLs HOT TMAC. RDMO HOT OILER. WELLHEAD BOLTS RUSTED VERY BAD. NDWH. NUBOP. R/U FLOOR. X/O TO TBNG EQUIP. UN-LAND WELL. MIRU SCANNER. POOH WHILE SCAN 169JTS 2-3/8" J-55 TBNG. SCAN RESULTS AS FOLLOWS: 105 JTS 2-3/8" J-55 Y-BND TBNG. 23 JTS 2-3/8" J-55 B-BND TBNG. 41 JTS 2-3/8" J-55 R-BND TBNG. JUNK W/ ROD CUT & SOME PITTING ON THE COLLARS. RDMO SCANNER. RIH W/ 128JTS 2-3/8" J-55 TBNG. LAND WELL ON HANGER AS FOLLOWS: KB= 22.00' HANGER = .83' 127JTS 2-3/8" J-55 TBNG= 4002.41' 2-3/8" API SN = 1.10' 1JT 2-3/8" J-55 TBNG = 30.50" BIT SUB / 3-7/8" MILL COMBO = 1.72' EOT @ 4058.56' NDBOP. NUWH. SWI. RDMOL. ROAD RIG TO NBU 35-08B
	14:30 - 18:00	3.50	SUBSPR	31		P		SAFETY MEETING IN TOWN.
11/1/2013	7:00 - 9:00	2.00	SUBSPR	48		P		TRAVEL FROM TOWN TO RIG AND FROM NBU 35-8B TO LOCATION.
	9:00 - 11:00	2.00	SUBSPR	30		P		SICP= 50#. SITP= 0#. MIRU. BLOW DOWN WELL. CNTRL TBG W/ 10 BBLs TMAC. NDWH. NUBOP. UN-LAND WELL. P/U TBG RIH W/ 190JTS TOTAL W/ 3-7/8" MILL & POBS. T/U @5998' PBTD. L/D 6JTS TBNG. POOH WHILE STANDING BACK 184JTS. SWFN.
	11:00 - 17:00	6.00	SUBSPR	30		P		NOTE: SURFACE CASING SPITTING GREEN RIVER OIL. WILL P/U PACKER RIH & TRY TO FIND POSSIBLE LEAK.
11/4/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 12-23B GR					Spud Date:				
Project: UTAH-UINTAH			Site: NBU 12-23B GR			Rig Name No: SWABBCO 10/10, SWABBCO 6/6			
Event: RECOMPL/RESEREVEADD			Start Date: 9/23/2013			End Date: 12/20/2013			
Active Datum: RKB @0.00usft (above Mean Sea Level)					UWI: NBU 12-23B GR				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
	7:15 - 12:15	5.00	SUBSPR	30		P		SICP= 5#. BLOW DOWN WELL. RIH W/ 4-1/2" WEATHERFORD PACKER + 148JTS 2-3/8" USED J-55 TBNG. SET PACKER @ 4677'. LOAD CSNG W/ 25BBLS TMAC. PRESSURE TEST CSG GOOD @2500#. LOST 10# IN 15MIN. WELLHEAD 3K RATED. BLEED OFF PRESSURE. RELEASE PACKER. POOH W/ TBNG. L/D PACKER.	
	12:15 - 17:00	4.75	SUBSPR	34		P		R/U PUMP LINE TO SURFACE CSNG. PUMP DOWN CSNG 700# @ 1/2BPM.	
	7:00 - 7:15	0.25	SUBSPR	48		P		MIRU WIRELINE. P/U DUMP BAILER. RIH (3 SEPERATE RUNS). SPOT 7SX NEAT "G" CMT ON CIBP @ 6000'. SWMFN.	
11/5/2013	7:15 - 11:00	3.75	SUBSPR	34		P		SAFETY = JSA.	
	11:00 - 15:30	4.50	SUBSPR	30		P		0# ON WELL. R/U WIRELINE. RIH & SET HAL 4-1/2" 10K CIBP @5339'. POOH & P/U DUMP BAILER. MAKE 3 BAILER RUNS & SPOT 7SX NEAT "G" CMT ON CIBP. POOH. P/U 8K CBP. RIH & SET CBP @4745'. POOH. P/U COMPOSITE CMT RETAINER. RIH & SET CCR @4676'. POOH. RDMO WIRELINE.	
	15:30 - 17:00	1.50	SUBSPR	31	I	P		R/D FLOOR. NDBOP. X/O 7-1/16" 3K WELLHEAD AND INSTALL 7-1/16" 5K WELLHEAD. BOLTS RUSTED & SEIZED VERY BADLY. PRESSURE TEST WELLHEAD GOOD @ 3000#. NUBOP. R/U FLOOR & TBG EQUIP.	
	7:00 - 7:15	0.25	SUBSPR	48		P		P/U STINGER FOR CCR + API SN 1JT UP + 146JTS 2-3/8" J-55 TBNG. RIH. SWMFN.	
11/6/2013	7:15 - 10:00	2.75	SUBSPR	51	C	P		SAFETY = JSA.	
	10:00 - 12:10	2.17	SUBSPR	31		P		0# ON WELL. RIH W/ 1STND TBNG. STING INTO CCR @ 4676'. LOAD CSNG W/ 15BBLS TMAC. PRESSURE TEST CSG GOOD @ 1000#. BLEED OFF CSG TO 500# & HOLD. MIRU CMT CREW. ESTABLISH INJECTION RATE OF 3.6BPM @540#.	
	12:10 - 13:30	1.33	SUBSPR	51	B	P		DECIDE TO PUMP CMT @ %2 CALCIUM. PUMP 150SX OF 15.8# "G" CMT. PERFS LOCKED UP W/ 3800# FINAL PUMP PRESSURE. STING OUT OF CCR & POOH 1STND TBG. REVERSE CIRC UNTIL TBG CLEAN. CONT CLEAN UP OF CMT EQUIP.	
	13:30 - 15:30	2.00	SUBSPR	30		P		POOH W/ REMAINING 146JTS TBG. L/D STINGER.	
	7:00 - 7:15	0.25	SUBSPR	48		P		R/U CMT CREW TO SURFACE CSNG FOR TOP DOWN JOB. ESTABLISH INJECTION RATE OF 3/4 BPM @ 1000#. BEGIN PUMPING JOB. WELL BROKE BACK TO 200# @ 1.8 BPM. PUMP 250 SX 15.8# NEAT "G" CMT. SHUT IN SURFACE CSG. RDMO CMT CREW.	
11/7/2013								P/U 3-7/8" ROCK BIT + BIT SUB & RIH W/ 140JTS TBG. R/U POWER SWIVEL. STAY ABOVE CMT FOR NIGHT. PREP TO D/O CCR IN THE AM. SWIFN. SDFN. SAFETY = JSA.	

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 12-23B GR					Spud Date:				
Project: UTAH-UINTAH			Site: NBU 12-23B GR			Rig Name No: SWABBCO 10/10, SWABBCO 6/6			
Event: RECOMPL/RESEREVEADD			Start Date: 9/23/2013		End Date: 12/20/2013				
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 12-23B GR					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
	7:15 - 10:00	2.75	SUBSPR	30		P		0# ON WELL. TIH W/ 8 MORE JTS TBG. T/U ON CCR @ 4676' W/ 148 JTS TBG TOTAL. R/U SWIVEL. BREAK REVERSE CIRC. D/O CCR. D/O +/- 45' CMT & FALL THRU TO CBP @4745'. PRESSURE TEST CSG GOOD @ 2500# TO MAKE SURE SQUEEZE IS GOOD. D/O CBP @4745'. CONT RIH W/ TBG. C/O TO PBTD @5290' W/ 166JTS TBG. CIRC WELL CLEAN W/ TMAC.	
	10:00 - 10:40	0.67	SUBSPR	52		P		MIRU PRESSURE TEST TRUCK. P/T CSG GOOD @3800#. LOST 20# IN 15MIN. BLEED OFF PRESSURE. RDMO PRESSURE TEST TRUCK.	
	10:40 - 13:30	2.83	SUBSPR	30		P		R/D POWER SWIVEL. POOH WHILE L/D 166JTS 2-3/8" Y-BND TBNG.	
	13:30 - 18:00	4.50	SUBSPR	34		P		MIRU WIRELINE. RIH W/ CBL TOOLS. LOG FROM 4800' BACK TO SURFACE AS PER PROCEDURE. L/D LOGGING TOOLS. P/U 3-1/8" GUNS. RIH & PERF 1ST STAGE GREEN RIVER RE-COMPLETE (UTELAND BUTTE) AS PER PROCEDURE. POOH W/ WIRELINE. RDMO WIRELINE. SWMFN.	
11/8/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.	
	7:15 - 17:00	9.75	SUBSPR	30		P		SICP= 0#. R/U HANDLING EQUIP FOR 2-7/8" L-80 SLIM HOLE TBNG. SPOT IN TBG TRAILER. TALLY + P/U & RIH W/ WEATHERFORD 4-1/2" HD PACKER + X-NIPPLE + 153JTS 2-7/8" L-80 SH TBG. SET PACKER @ 4770'. PRESSURE TEST CSG / PACKER GOOD @ 1000#. LAND WELL ON HANGER. R/D FLOOR. NDBOP. NUFV. PRESSURE TEST FRAC VALVE GOOD @ 3000#.	
								FRAC STRING LANDED AS FOLLOWS: KB= 12.00' 2-7/8" X 7-1/16" 5K HANGER = .83' 152 JTS 2-7/8" L-80 SH TBG =4728.52' 2-7/8" X-NIPPLE = 1.30' I.D. =2.31" 1JT 2-7/8" L-80 SH TBG = 31.75' WF HD PACKER = 5.65' (FULL O.D. X/O ON TOP OF PACKER). PACKER I.D.=1.991"	
								PACKER LANDED @ 4780.05' CENTER ELEMENTS ON PACKER @ 4777.58'	
								NOTE: COULD NOT TEST CONNECTION BETWEEN FRAC VALVE & WELLHEAD, ONLY TESTED IN BETWEEN WHEEL VALVES.	
11/21/2013	6:30 - 6:45	0.25	FRAC	48		P		SAFETY = JSA W/ FRAC CREW & TAILGATE SAFETY MEETING.	

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 12-23B GR					Spud Date:				
Project: UTAH-UINTAH			Site: NBU 12-23B GR			Rig Name No: SWABBCO 10/10, SWABBCO 6/6			
Event: RECOMPL/RESEREVEADD			Start Date: 9/23/2013		End Date: 12/20/2013				
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 12-23B GR					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
	6:45 - 11:30	4.75	FRAC	36		P		REFER TO STIMULATION PJR FOR FLUID, SAND AND CHEMICAL VOLUMES, ALL STAGES WERE PERFORATED ACCORDING TO PERF RECORD IN OPEN WELLS, ALL STAGES WERE STIMULATED TO VENDOR POST JOB REPORT. FRAC STG #1] WHP=315#, BRK DN PERFS=2707#, @=2 BPM, INTIAL ISIP=1062#, FG=.64, FINAL ISIP=1527#, FG=.73 NOTE: ACID FRAC (UTELAND BUTTE). TOTAL FLUID PUMPED = 906 BBLS RDMO FRAC CREW.	
	11:30 - 15:30	4.00	DRLOUT	30		P		MOVE IN WORKOVER RIG. SPOT IN EQUIP. X/O TO 2-7/8" HANDLING EQUIP. TOO WINDY TO RIG UP RIG. SDFN. INSTRUCTED TO LEAVE WELL SHUT IN FOR 24HRS BEFORE STARTING FLOWBACK. SAFETY = JSA.	
11/22/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SITP = 1150#. OPEN WELL TO FLOWBACK TANK & BEGIN FLOWING WELL. LET WELL FLOW UNTIL DEAD ENOUGH TO WORK ON. NO OIL PRESENT. PH = 5	
	7:15 - 13:45	6.50	DRLOUT	33		P		NDFV. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND WELL. UN-SET PACKER. R/U PUMP & CIRC DOWN TBNG W/ 35BBLS TMAC TO DISPLACE ACID FROM TBNG. POOH WHILE L/D 153JTS 2-7/8" TBNG. L/D PACKER. X/O TO 2-3/8" EQUIP. DRAIN PUMP & LINES. SWMFN. SDFWE. SAFETY = JSA.	
	13:45 - 16:30	2.75	DRLOUT	30		P		SICP = 450#. BLOWDOWN WELL FOR +/- 2HRS UNTIL DEAD ENOUGH TO WORK ON. GOOD OIL IN FLOW.	
11/25/2013	7:00 - 7:15	0.25	DRLOUT	48		P		P/U & RIH W/ 2-3/8" J-55 PRODUCTION TBNG + ROD PUMP BHA. T/U @5287' W/ 167JTS. L/D 3JTS. LAND WELL ON HANGER AS FOLLOWS: KB= 12.00' HANGER = .83' 163JTS 2-3/8" J-55 Y-BND TBNG =5152.29' 2-3/8" API SN =1.10' 1JT 2-3/8" J-55 =32.70' 2-3/8" J-55 PERF SUB = 4.03' 2-3/8" NOTCH COLLAR W/ THRU PIN. EOT @5203.59' SN @5165.12'	
	7:15 - 9:30	2.25	DRLOUT	30		P		NDBOP. NUWH W/ ROD PUMP CONFIGURATION. MIRU SLK LINE. P/U & RIH W/ TRACER SURVEY LOG TOOLS. PERFORM LOGS. POOH & L/D TOOLS. RDMO SLK LINE.	
	9:30 - 13:30	4.00	DRLOUT	30		P		P/U & RIH W/ 2-3/8" J-55 PRODUCTION TBNG + ROD PUMP BHA. T/U @5287' W/ 167JTS. L/D 3JTS. LAND WELL ON HANGER AS FOLLOWS: KB= 12.00' HANGER = .83' 163JTS 2-3/8" J-55 Y-BND TBNG =5152.29' 2-3/8" API SN =1.10' 1JT 2-3/8" J-55 =32.70' 2-3/8" J-55 PERF SUB = 4.03' 2-3/8" NOTCH COLLAR W/ THRU PIN. EOT @5203.59' SN @5165.12'	
	13:30 - 16:00	2.50	DRLOUT	35	E	P		NDBOP. NUWH W/ ROD PUMP CONFIGURATION. MIRU SLK LINE. P/U & RIH W/ TRACER SURVEY LOG TOOLS. PERFORM LOGS. POOH & L/D TOOLS. RDMO SLK LINE.	

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 12-23B GR					Spud Date:				
Project: UTAH-UINTAH			Site: NBU 12-23B GR			Rig Name No: SWABBCO 10/10, SWABBCO 6/6			
Event: RECOMPL/RESEREVEADD			Start Date: 9/23/2013		End Date: 12/20/2013				
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 12-23B GR					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
	16:00 - 17:00	1.00	DRLOUT	39		P		X/O TO ROD EQUIP. P/U INSERT PUMP & PRIME / STROKE TEST GOOD. RIH W/ PUMP, STAB BAR, K-BARS AND 20) 3/4" SLK RODS. SWIFN.	
11/26/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SAFETY = JSA.	
	7:15 - 17:00	9.75	DRLOUT	39		P		SICP= 450#. SITP= 0#. BLOW DOWN WELL. FINISH RIH W/ INSERT PUMP & ROD STRING. SPACE OUT. SEAT & STROKE TEST PUMP GOOD @ 1000#. INSTALL HORSE HEAD. HANG OFF WELL. RIG CREW HELP INSTALL FLOW LINES & BRING WELL ON LINE. RDMOL. ROAD RIG TO MORGAN STATE 7-36. SPOT IN RIG. SDFN.	
								ROD STRING & INSERT PUMP INSTALLED AS FOLLOWS: 1-1/4" X 26' SPRAY METAL POLISHED ROD 4' X 7/8" GRADE D SLK PONY 6' X 7/8" GRADE D SLK PONY 8' X 7/8" GRADE D SLK PONY 61) - 7/8" GRADE D GUIDED SUCKER RODS W/ SLIM HOLE "T" COUPLINGS =1525' (NEW) 135) - 3/4" GRADE D SLK SUCKER RODS W/ "T" COUPLINGS =3375' (NEW) 8) 1-1/4" X GRADE D WEIGHT BARS. = 200' (NEW) 2.50' X 7/8" GRADE D STABILIZER BAR W 3/4" PINS. (NEW) RH RELEASE BACKOFF TOOL = 60' (NEW) 2 X 1-1/2" X 16' RWAC INSERT PUMP. SLIM HOLE BARREL. 3 CUP THD. PUMP #3792. ALT BALL & SEAT. (NEW)	
	17:00 - 17:00	0.00	DRLOUT	50				NOTE: WELL BROUGHT ON LINE @ 14:00 HRS.	
12/12/2013	7:00 - 7:30	0.50	FRAC	48		P		WELL TURNED TO SALES @ 1500 HR ON 11/26/2013. 0 MCFD, 0 BWPD, FCP 0, FTP 0, 0 CK. PULLING RODS	
	7:30 - 7:30	0.00	FRAC	31	I	P		ROAD RIG FROM BONANZA TO LOC., RU, ND PUMP JACK HEAD, UNLAND PUMP, LAY DWN 3 PONY JTS, READT TO STD BACK RODS, SWIFN	
12/13/2013	7:00 - 7:30	0.50	FRAC	48		P		PULLING RODS	
	7:30 - 19:30	12.00	FRAC	31	I	P		RU BIG RED HOTOILER, PUMP 2 BBLS 4% KCL DWN TBG, PRESSERED UP, HOOKUP CSG, PUMP 50 BBLS 4% KCL WITH CHEM DWN BACKSIDE, PUMP 10 BBLS DWN TBG, NDWH, STD BACK RODS. NDWH, NU BOP'S, PUMP 35 BBLS 45 KCL DWN CSG, STD BACK TBG, RU CASD HOLE, SET 8K CBP AT 5010', .SDFWE	
12/16/2013	7:00 - 7:15	0.25	FRAC	48		P		JSA-SAFETY MEETING	
	7:15 - 14:30	7.25	FRAC	33	C	P		N/D BOPS, N/U FRAC VALVES, R/U CAMERON TESTER, FRAC VALVE FROZEN UP, UNTHAW VALVE, PRESSURE TEST CSG TO 3500# LOSS 100# IN 30 MIN, R/D CAMERON,	

US ROCKIES REGION									
Operation Summary Report									
Well: NBU 12-23B GR					Spud Date:				
Project: UTAH-UINTAH			Site: NBU 12-23B GR			Rig Name No: SWABBCO 10/10, SWABBCO 6/6			
Event: RECOMPL/RESEREVEADD			Start Date: 9/23/2013		End Date: 12/20/2013				
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 12-23B GR					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
	14:30 - 17:30	3.00	FRAC	37	C	P		R/U CASED HOLE WIRELINE, RIH W/ 3 1/8" PERF GUNS, SET DN @ 590', WORK DN TO 595', PULLED OUT P/U WEIGHT BARS, RIH W/ SET DN 590', WORK TO 595', P/O LAY DN GUNS, HEAVEY WAX OIL ON GUNS, SHUT WELL IN, SDFN,	
12/17/2013	7:00 - 7:15	0.25	FRAC	48		P		JSA-SAFETY MEETING, HOT OIL WELL	
	7:15 - 12:00	4.75	FRAC	31	I	P		N/U STRIPPER HEAD RUBBER, RIH W/ 2 3/8" TBG TO @ 2000', R/U HOT OIL UNIT, PUMP HOT WATER DN TBG OUT CSG 80 BBLS, CLEAN OUT WELL BORE, TOOH W/ TBG,	
	12:00 - 15:00	3.00	FRAC	34	H	P		R/U CASED HOLE WIRELINE, RIH W/ 3 1/8" PERF GUNS, PERF LONG POINT AS SAY IN PROCEDURE, R/D WIRLINE , SDFN	
12/18/2013	7:00 - 7:15	0.25	FRAC	48		P		-SJAFFETY MEETING , NABORE- CASEDHOLE AND RIG,, FRAC AND PERF WELL	
	7:15 - 12:00	4.75	FRAC	36	1	P		FINISHED R/U NABORS FRAC EQUIPEMENT, PRESSURE TEST SURFACE LINE TO 4500# LOST 323# in 10 min, OK	
	12:00 - 14:10	2.17	FRAC	36	G	P		1. REFER TO STIMULATION PJR FOR FLUID, SAND AND CHEMICAL VOLUME, ALL STAGES WERE PERFORATED ACCORDING TO PERF RECORD IN OPEN WELL, ALL STAGES WERE STIMULATED TO VENDOR POST JOB REPORT.	
								(FRAC STG #1) WHP = 0 #, BRK DN PERFS = 2340 #, @ 5.8 BPM, ISIP = 1225 #, FG = 0.68 , FINAL ISIP = 1250 #, FINAL FG = 0.70. CUT SAND SHORT BY 35000 #, LOST SUCTION ON TKS,	
	14:10 - 15:10	1.00	FRAC	37	B	P		PERF DOUGLAS CREEK AS SAY IN PROCEDURE W/ 3 1/8" GUNS,	
	15:10 - 16:30	1.33	FRAC	36	G	P		1. REFER TO STIMULATION PJR FOR FLUID, SAND AND CHEMICAL VOLUME, ALL STAGES WERE PERFORATED ACCORDING TO PERF RECORD IN OPEN WELL, ALL STAGES WERE STIMULATED TO VENDOR POST JOB REPORT.	
								(FRAC STG #2) WHP = 540#, BRK DN PERFS = 1560 #, @ 3.5 BPM, ISIP = 560 #, FG = 0.56 , FINAL ISIP = 1255#, FINAL FG = 0.73,	
								TOTAL FLUID: 3796 TOTAL SAND: 161480#	
	16:30 - 18:00	1.50	FRAC	34	I	P		RIH W/ 8K CBP SET CBP 4309', POOH, SHUT WELL IN, R.D WIRELINE AND FRAC CREW, SDFN,	
12/19/2013	7:00 - 7:15	0.25	DRLOUT	48		P		JSA-SAFETY MEETING, DRILLING	
	7:15 - 12:00	4.75	DRLOUT	31	I	P		NO PRESSURE ON WELL, N/D FRAC VALVE, N/U BOPS, P/U 3 7/8" BIT AND PUMP OPEN BIT SUB, RIH W/ 1 JT 2 3/8" TBG, SEAT NIPPLE, 2 3/8" J-55 TBG, TAG KILL PLUG, R/U POWER SWIVEL,	

US ROCKIES REGION								
Operation Summary Report								
Well: NBU 12-23B GR					Spud Date:			
Project: UTAH-UINTAH			Site: NBU 12-23B GR			Rig Name No: SWABBCO 10/10, SWABBCO 6/6		
Event: RECOMPL/RESEREVEADD			Start Date: 9/23/2013		End Date: 12/20/2013			
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: NBU 12-23B GR				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	12:00 - 12:00	0.00	DRLOUT	44	C	P		ESTB. CIRC DN TBG OUT CSG, DRILL OUT CBPS, (CBP #1) 4235', DRILL OUT HALLIBURTON 8K CBP IN 14 MIN, 25 # DIFF, RIH TAG SNAD @ 4328', C/O 20' SAND, FCP = 25 #. (CBP #2) 4348', DRILL OUT HALLIBURTON 8K CBP IN MIN, 15 # DIFF, RIH TAG SNAD @ 4990', C/O 20' SAND, FCP = 25 #. (CBP #3) 5010', DRILL OUT HALLIBURTON 8K CBP IN 8 MIN, 0 # DIFF, RIH TAG SAND @ 5240', C/O 10' SAND, FCP = 10 #. P/O LAY DN 4 JTS TBG ON TRAILER, LAND TBG W/ TBG HANGER, SHUT PIPE RAMS ON TBG SHUT TBG IN, HOOK UP FLOW LINE FROM CSG TO FLOW BACK TK, TURN WELL OVER TO FBC, SDFN
12/20/2013	7:00 - 7:15	0.25	RUNTBG	48		P		JSA-SAFETY MEETING, RUN RODS
	7:15 - 9:00	1.75	RUNTBG	31	I	P		WELL DIED @ 4:30 AM, P/U 2 JTS 2 3/8" TBG RIH, LAND TBG W/ HANGER, N/D BOPS, N/U ROD WELL HEAD, KB = 12.00' HANGER = .83' 163 JTS 2 3/8" J-55 YB = 5143.38' 2 3/8" SEATING NIPPLE = 1.10' 1 JT 2 3/8" J-55 TBG = 31.63' PUMP OPEN BIT SUB = 2.00' 3 7/8" ROCK BIT = .20' EOT = 5191.14' TOP OF SEATING NIPPLE = 5156.21'
	9:00 - 9:30	0.50	RUNTBG	39		P		DROP BALL DN TBG, P/U ROD PUMP RIH W/ 3/4" ROD
	9:30 - 10:30	1.00	RUNTBG	39		Z		ROD TONG BROKE DN, CHANGE OUT TONGS
	10:30 - 17:30	7.00	RUNTBG	39	B	P		RIH W/ 3/4" AND 7/8" RODS, SPACE ROD PUMP OUT, UNSEAT PUMP, PUMP DN TBG W/ PUMP OPEN BIT SUB @ 1500#, RESEAT ROD PUMP, MADE SURE PUMP WAS PUMPING, HANG ROD OFF ON HORSE HEAD, TURN WELL OVER TO PRODUCTION. KB = 12.00' POLISHED ROD = 26.00' 1- 7/8" X 2' PONY ROD = 2.00' 1- 7/8" X 4' PONY ROD = 4.00' 61- 7/8" ROD = 1525.00' 135- 3/4" RODS = 3375.00' 8- 1 1/3" SINKER BARS = 200.00' 1- STABILIZER BAR = 3.00' 1- RELEASE BACK OFF = 1.00' 1- ROD PUMP # 3785 = 24.00'

US ROCKIES REGION

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	NBU 12-23B GR	Wellbore No.	OH
Well Name	NBU 12-23B	Wellbore Name	NBU 12-23B GR
Report No.	1	Report Date	11/22/2013
Project	UTAH-UINTAH	Site	NBU 12-23B GR
Rig Name/No.	SWABCO 10/10	Event	RECOMPL/RESERVE/ADD
Start Date	9/23/2013	End Date	12/20/2013
Spud Date		Active Datum	RKB @0.00usft (above Mean Sea Level)
UWI	NBU 12-23B GR		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	5,021.0 (usft)-5,122.0 (usft)	Start Date/Time	11/22/2013 12:00AM
No. of Intervals	6	End Date/Time	11/22/2013 12:00AM
Total Shots	30	Net Perforation Interval	10.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/22/2013 12:00AM	Green River/			5,021.0	5,022.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO	N

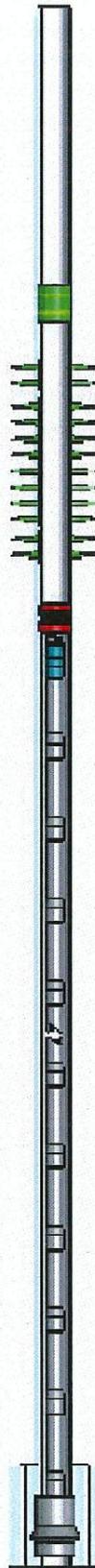
US ROCKIES REGION

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc./Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/22/201 3 12:00AM	Green River/			5,049.0	5,050.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
11/22/201 3 12:00AM	Green River/			5,054.0	5,056.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
11/22/201 3 12:00AM	Green River/			5,062.0	5,063.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
11/22/201 3 12:00AM	Green River/			5,072.0	5,074.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
11/22/201 3 12:00AM	Green River/			5,119.0	5,122.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



US ROCKIES REGION

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	NBU 12-23B GR	Wellbore No.	OH
Well Name	NBU 12-23B	Wellbore Name	NBU 12-23B GR
Report No.	2	Report Date	12/17/2013
Project	UTAH-UJINTAH	Site	NBU 12-23B GR
Rig Name/No.	SWABBCO 6/6	Event	RECOMPL/RESERVE/VEADD
Start Date	9/23/2013	End Date	12/20/2013
Spud Date		Active Datum	RKB @0.00usft (above Mean Sea Level)
UWI	NBU 12-23B GR		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density		Gross Interval	4,285.0 (usft)-4,981.0 (usft)	Start Date/Time	12/17/2013 12:00AM
Surface Press		Estimate Res Press		No. of Intervals	9	End Date/Time	12/17/2013 12:00AM
TVD Fluid Top		Fluid Head		Total Shots	41	Net Perforation Interval	12.00 (usft)
Hydrostatic Press		Press Difference		Avg Shot Density	3.42 (shot/ft)	Final Surface Pressure	
Balance Cond	NEUTRAL					Final Press Date	

1.5 Summary

Date	12/17/2013 12:00AM	Formation/Reservoir	Green River/	CCL@ (usft)		CCL-T S (usft)		MD Top (usft)	4,285.0	MD Base (usft)	4,286.0	Shot Density (shot/ft)	4.00	Misfires/Add. Shot		Diameter (in)	0.360	EXP/		Carr Type /Stage No		Carr Size (in)	3.375	Phasing (°)	90.00	Charge Desc /Charge Manufacturer		Charge Weight (gram)	23.00	Reason	PRODUCTIO

2 Intervals

2.1 Perforated Interval

Date	12/17/2013 12:00AM	Formation/Reservoir	Green River/	CCL@ (usft)		CCL-T S (usft)		MD Top (usft)	4,285.0	MD Base (usft)	4,286.0	Shot Density (shot/ft)	4.00	Misfires/Add. Shot		Diameter (in)	0.360	EXP/		Carr Type /Stage No		Carr Size (in)	3.375	Phasing (°)	90.00	Charge Desc /Charge Manufacturer		Charge Weight (gram)	23.00	Reason	PRODUCTIO

US ROCKIES REGION

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Weight (gram)	Reason	Misrun
12/17/2013 12:00AM	Green River/			4,291.0	4,293.0	4.00		0.360	EXP/	3.375	90.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,296.0	4,298.0	4.00		0.360	EXP/	3.375	90.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,878.0	4,879.0	3.00		0.360	EXP/	3.375	120.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,899.0	4,900.0	3.00		0.360	EXP/	3.375	120.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,918.0	4,919.0	3.00		0.360	EXP/	3.375	120.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,931.0	4,932.0	3.00		0.360	EXP/	3.375	120.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,968.0	4,969.0	3.00		0.360	EXP/	3.375	120.00	23.00	PRODUCTIO N	
12/17/2013 12:00AM	Green River/			4,979.0	4,981.0	3.00		0.360	EXP/	3.375	120.00	23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



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

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
 Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6582

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304730308	NBU 12-23B-GR		SWNW	23	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
	2900	11151				12/21/2013	
Comments: The operator formally requests to change the subject well from the Natural Buttes Unit to the Maverick Unit.							
2/11/2014							

Well 2

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

Well 3

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

ACTION CODES:

- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (Explain in 'comments' section)
- JAN 09 2014

Kay E. Kelly

Name (Please Print)

Signature

Sr. Staff Reg Specialist

Title

1/9/2014

Date