

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-8361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Main Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
16-4-15-23

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4, T15S, R23E

12. COUNTY OR PARISH 13. STATE
Uintah Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN

b. TYPE OF WELL
OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
707' FNL, 662' FEL, Section 4, T15S, R23E, S.L.B. & M.
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
54.9 miles woutheast of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
662'

16. NO. OF ACRES IN LEASE
2,560.72

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
8,750'

19. PROPOSED DEPTH
8,750'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,438' Ungr.

22. APPROX. DATE WORK WILL START*
August 5, 1981

RECEIVED
MULTI ZONE
AUG 31 1981

DIVISION OF
OIL, GAS & MINING

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/8"	9 5/8"	36#	200'	To Surface
8 3/4"	7"	23#	5,000'	500' Above Pay
6 1/8"	4 1/2"	11.6#	TD	500' Above Pay

Attachments:

- Exhibit "A" - Ten Point Compliance Program
- Exhibit "B" - B.O.P. Schematic
- Exhibit "C" - Proposed Production Layout
- Certified Survey Plat
- 13 Point Surface Use Plan and Maps

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 Gary Roberts TITLE Field Services Administrator DATE JUNE 9, 1981

(This space for Federal or State office use)

PERMIT NO. (ORIG. SGD.) R. A. HENRICKS FOR E. W. GUYNN
Production Unit Supervisor DISTRICT OIL & GAS SUPERVISOR
APPROVED BY DATE AUG 20 1981
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
of state & G

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Identification CER/EA No. 496-81

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Coseka Resources
Project Type Gas Well
Project Location 707' FNL 662' FEL Section 4, T. 15S, R. 23E
Well No. 16-4-15-23 Lease No. U-8361
Date Project Submitted June 12, 1981

FIELD INSPECTION

Date July 15, 1981

Field Inspection
Participants

Craig Hansen	USGS, Vernal
Cory Bodman	BLM, Vernal
Stacy Stewart	Coseka Resources
Forrest Bird	Galley Construction

Related Environmental Documents: Unit Resource Analysis, Seep Ridge Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 28, 1981
Date Prepared

Craig Hansen
Environmental Scientist

I concur

JUL 29 1981
Date

E. W. Gwynn
District Supervisor
FOR E. W. GYNN
DISTRICT ENGINEER

Typing In 7-22-81 Typing Out 7-22-81

PROPOSED ACTION:

Coseka Resources plans to drill the Main Canyon #16-4-15-23 well, an 8750' gas test of the various formations indicated in the APD. No new access road would be required although some upgrading of existing roads may be needed. An area of operations about 265' by 325' is planned for the location. This should include a 25' buffer along the edges of the reserve pits to provide fire safety during operations. Flowlines will follow existing access roads to transmission lines south of the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.
4. Rotate location 180° to better position the reserve pits.

FIELD NOTES SHEET

Date of Field Inspection: July 15, 1981

Well No.: 16-4-15-23 Main Canyon

Lease No.: V-8361

Approve Location: with 180° rotation

Approve Access Road:

Modify Location or Access Road: Rotate pad 180° re-dimension pits
and allow 25' fire safety buffer zone.

Area of operations = 265' X 325'

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Flowlines to follow access roads to gathering lines

Tree disposal strips of BLM as usual.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
6 DM 2.3.A							1, 2, 4, 6	July 15, 1981	
Public health and safety							1, 2, 4, 6		
Unique characteristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6	↓	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-802

July 20, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104



Re: Coseka Resources Limited
4-31-13-26 Sec 31, T13S R26E
6-8-15-23 Sec 8, T15S R23E
6-3-15-23 Sec 3, T15S R23E
16-4-15-23 Sec 4, T15S R23E
9-3-15-23 Sec 3, T15S R23E

Dear Sir:

A joint field examination was made on July 15, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required.
3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



6. PR Spring may not be used as a water source.
7. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled separately from the topsoil.
8. It was agreed upon to by all parties present that the applied for dimensions are adequate to handle all drilling and fracturing operations.
9. The reserve pits will be fenced on three sides prior to drilling and on the fourth immediately after the drilling rig is removed.

Site Specific
4-31-13-26

1. The pad was rotated 180°. The top 6 inches of topsoil will be stockpiled between reference corners #1 and #8.

6-8-15-23, 9-3-15-23

1. The top 6-8 inches of topsoil will be stockpiled on the east side of the pad.

6-3-15-23

1. The top 6-8 inches of topsoil will be stockpiled on the west side of the pad.

16-4-15-23

1. The pad was rotated 180°. The top 6-8 inches of topsoil will be stockpiled on the west side of the pad.

An archaeological clearance was done by Gordon and Kranzush Company. No cultural resources were found.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna of their habitats as long as the above stipulations are adhered to.

The BLM representative will be Cory Bodman, 789-1362, office, 789-6983, home.

Sincerely,


for Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc:
USGS, Vernal

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-8361

OPERATOR: Coseka Resources.

WELL NO. 16-4-15-23

LOCATION: C ½ NE ½ NE ½ sec. 4, T. 15S, R. 23E., SLM

Uintah County, Utah

1. Stratigraphy:

Green River	surface		
Wasatch	~1050'	Dakota	8325'
Mesaverde	~2300'	Morrison	8520'
Mancos	4430'	<u>TD</u>	<u>8750'</u>
Castlegate	4515'		
Mancos B	5285'		

2. Fresh Water:

Fresh water may be present in Green River & Wasatch sandstones.

3. Leasable Minerals:

Coal: Mesaverde (~3800' to ~4300').

Oil/Gas: Mancos B, Morrison

4. Additional Logs Needed: Adequate

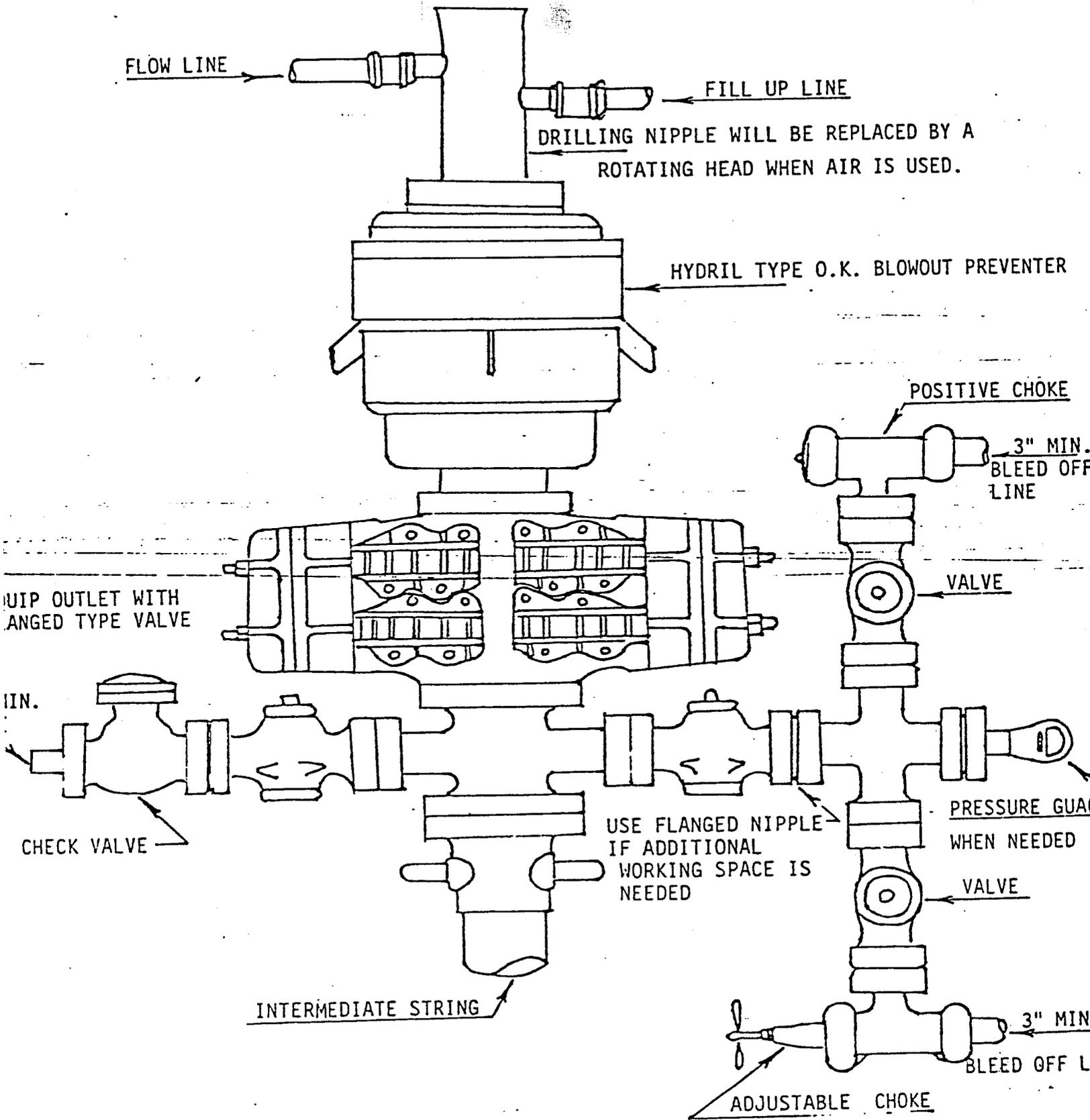
5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. Wood

Date: 6-22-87

NORMAL FORMATION PRESSURES AND TEMPERATURES ARE EXPECTED AND BOP EQUIPMENT WILL BE 900 SERIES 3000 PSI WP.





COSEKA RESOURCES (U.S.A.) LIMITED

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

August 27, 1981

Natural Gas Corporation of California
717 17th St. #2300
Denver, Colorado 80202

DM *DAR* *WF*

Attention: Rita Wood

Re: Main Canyon 16-4-15-23

Dear Sirs:

Coseka Resources (U.S.A.) Limited proposes to drill location #16-4-15-23, 707' FNL & 662' FEL, Section 4, T15S-R23E, Uintah Co., Utah. This location was chosen because of topography. The State of Utah Division of Oil, Gas and Mining has a policy of requiring that a gas well be located 1320' from a unit boundary line instead of the standard 660' from the nearest lease line. We request that this requirement be waived. The lease to the north involved is U-8358, Section 33-T14S-R23E. Please indicate your approval of this location and waiver of the 1320' requirement by signing below.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Dean Rogers

Dean A. Rogers
Senior Operations Engineer

DAR/bg

NATURAL GAS CORPORATION OF CALIFORNIA

By: *C. T. Clark* Date September 3, 1981

Attorney-in-Fact
Title

**EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT
IS FILLED IN U-4000 AND SUCH
AUTHORITY IS STILL IN EFFECT.**



COSEKA RESOURCES (U.S.A.) LIMITED

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

ML

August 27, 1981

Exxon Company U.S.A.
P. O. Box 120
Denver, CO 80201

Attention: Steve Barberio

Re: Main Canyon 16-4-15-23

Dear Sirs:

Coseka Resources (U.S.A.) Limited proposes to drill location #16-4-15-23, 707' FNL & 662' FEL, Section 4, T15S-R23E, Uintah Co., Utah. This location was chosen because of topography. The State of Utah Division of Oil, Gas and Mining has a policy of requiring that a gas well be located 1320' from a unit boundary line instead of the standard 660' from the nearest lease line. We request that this requirement be waived. The lease to the north involved is U-8358, Section 33-T14S-R23E. Please indicate your approval of this location and waiver of the 1320' requirement by signing below.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Dean Rogers

Dean A. Rogers
Senior Operations Engineer

DAR/bg

EXXON CORPORATION

By: *Robert B. McClary* Date *Sept 16, 1981*
Geological Advisor
Title



COSEKA RESOURCES (U.S.A.) LIMITED

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

September 18, 1981

State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
SEP 21 1981
DIVISION OF
OIL, GAS & MINING

Re: Main Canyon
#16-4-15-23
Sec. 4, 15S-23E
Uintah County, Utah

Gentlemen:

Please find enclosed, in triplicate, the State of Utah Application for Permit to Drill and Survey Plat for the above referenced well.

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Arlene M. Creger
Production Administrator

/amc

Enclosures

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

5. Lease Designation and Serial No.

U-8361

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Main Canyon

8. Farm or Lease Name

9. Well No.

16-4-15-23

10. Field and Pool, or Wildcat

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

Sec. 4-15S-23E

12. County or Parrish 13. State

Uintah Utah

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

Coseka Resources (U.S.A.) Limited

3. Address of Operator

718 17th Street Suite 630 Denver, Colorado 80202

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

At surface 707' FNL & 662' FEL, Sec. 4,15S-23E

At proposed prod. zone same

NENE

14. Distance in miles and direction from nearest town or post office*

54.9 miles SE of Ouray, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

662

16. No. of acres in lease

2560.72

17. No. of acres assigned to this well

320

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

8750

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7438' ungr.

22. Approx. date work will start*

October 1, 1981

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	300	To surface
8 3/4	7	23	5000	200 sxs
6 1/4	4 1/2	11.6	8750	300 sxs

BOP equipment will consist of Dual Rams and a Hydril. All equipment will be series 900. Good oilfield practices will be used in the drilling of this well.

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

Dean Rogers
Dean A. Rogers

Title Senior Operations Engineer

Date 9-18-81

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Conditions of approval, if any:

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

DATE: 10-27-81

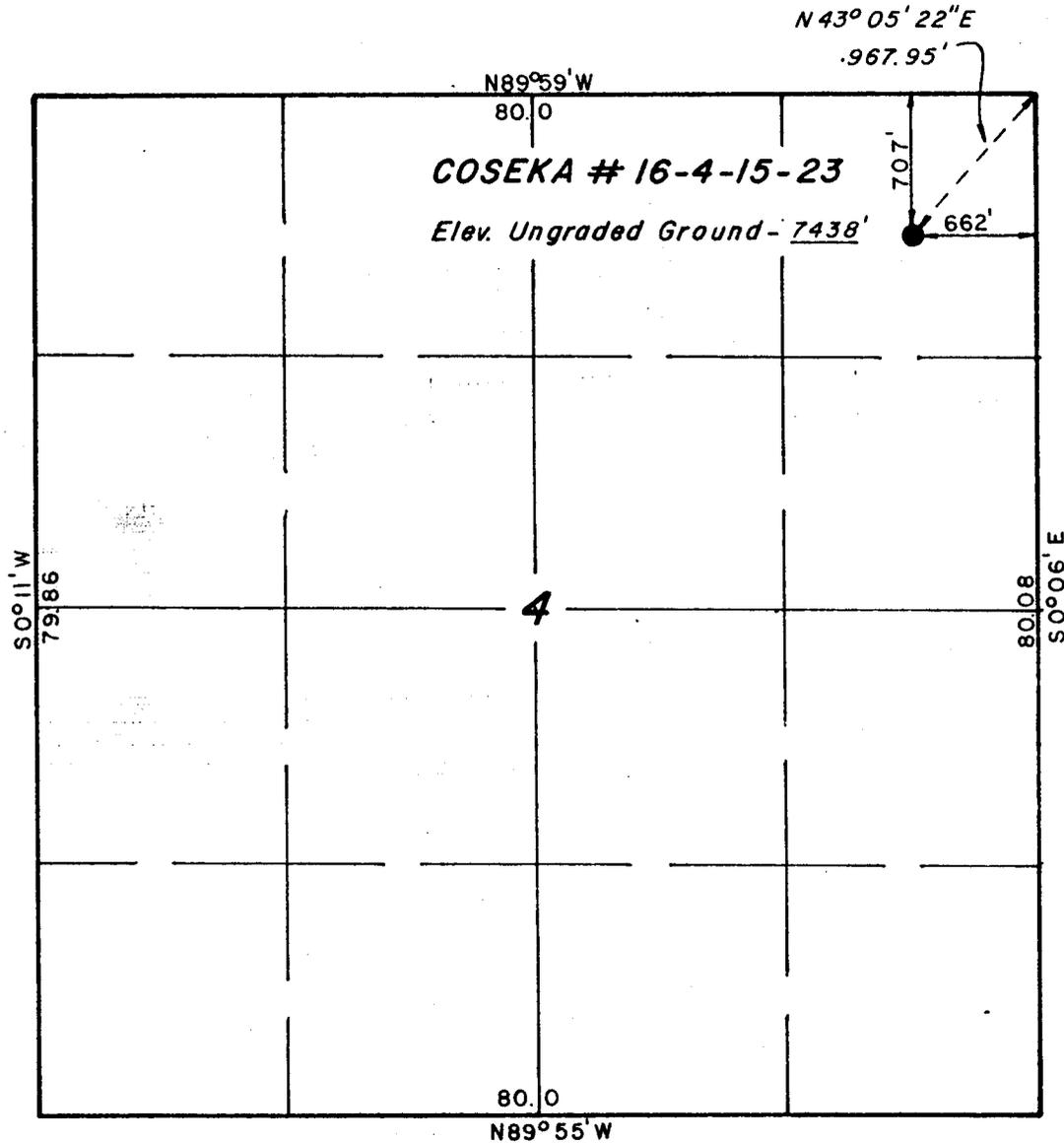
BY: M. J. Mendenhall

T15S, R23E, S.L.B.&M.

PROJECT

COSEKA RESOURCES U.S.A. LTD.

Well location, # 16-4-15-23, located as shown in the NE 1/4 NE 1/4 Section 4, T15S, R23E, S.L.B.&M. Uintah County, Utah



NOTE
Basis of Bearing is from Solar Observation of the Sun. Taken 5/8/81



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.

Gene Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 5/19/81
PARTY GS JP T RDR	REFERENCES G L O PLAT
WEATHER CLEAR/ WARM	FILE COSEKA RESOURCES U.S.A. LTD

X = Section Corners Located

** FILE NOTATIONS **

DATE: October 15, 1981

OPERATOR: Caseka Resources (U.S.A.) Limited

WELL NO: Main Canyon 16-4-15-23

Location: Sec. 4 T. 15S R. 23E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

43-047-
API Number 31111

CHECKED BY:

Petroleum Engineer: M.J. Minder 10-27-81
as topographic exception

Director: _____

Administrative Aide: Unit Well, too close to N.
boundary for gas well.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 28, 1981

Coseka Resources (USA) Ltd.
718 17th St., STE. #630
Denver, Colo. 80202

RE: Well No. Main Canyon #16-4-15-23,
Sec. 4, T. 15S, R. 23E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Regulations

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 430047-3111

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

NOTICE OF SPUD

we

Company: Cosoka
Caller: Jimmy Dean
Phone: _____

Well Number: 16-4-15-23

Location: NE NE 4-155-23E

County: Uintah State: Utah

Lease Number: U-8361

Lease Expiration Date: _____

Unit Name (If Applicable): Nine Canyon

Date & Time Spudded: 5:30 pm 5-3-82

Dry Hole Spudder/Rotary: Nico #36

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

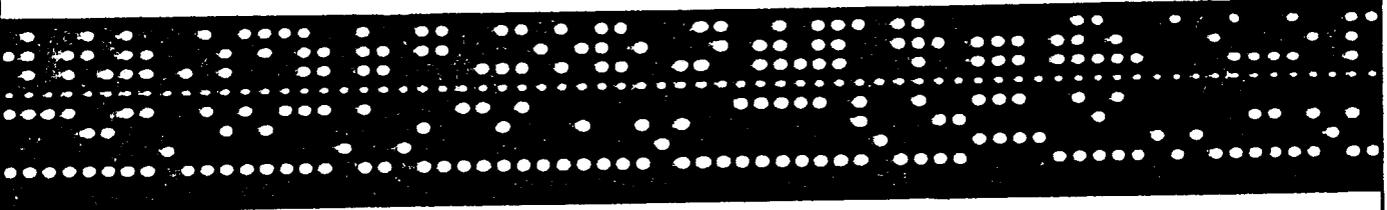
Call Received By: J.M.

Date: 5-5-82

J-300 DATA

JOHNSTON
Schlumberger

**computerized
data
analysis**



COMPUTERIZED DATA ANALYSIS

JUNE 7, 1982

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT AND AN ADE- QUATE SHUT-IN BUILD-UP DID OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. AFTERFLOW WAS STILL IN EFFECT ON THE INITIAL SHUT-IN BUILD-UP TO THE EXTENT THAT THE PLOT IS CONSIDERED UNRELIABLE FOR ANALYSIS. RESERVOIR PARAMETERS WERE CALCULATED BY THE HORNER P2 METHOD.

1. FLOW RATE: A FLOW RATE OF 1600 MCF/DAY OF GAS WAS NOTED DURING THIS TEST.
2. RESERVOIR PRESSURE: EXTRAPOLATION OF THE FINAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 3281 P.S.I.A.
3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 325.9 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO GAS OF .51 MD. FOR THE REPORTED 10 FOOT NET INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 4.27×10^6 P.S.I.²/LOG CYCLE OBTAINED FROM THE FINAL SHUT-IN BUILD-UP PLOT. IT WAS ASSUMED FOR THESE CALCULATIONS: (A) GAS GRAVITY 0.70, (B) VISCOSITY .0158 CP., (C) AND GAS DEVIATION FACTOR .842. THESE FIGURES WERE OBTAINED FROM THE AVAILABLE TECHNICAL LITERATURE.
4. WELLBORE DAMAGE: THE CALCULATED DAMAGE RATIO OF .61 INDICATES THAT NO WELLBORE DAMAGE IS PRESENT AT THE TIME AND CONDITIONS OF THIS TEST.
5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 37 FEET BASED ON AN ASSUMED POROSITY OF 10%, COMPRESSIBILITY OF 6.1×10^{-4} , AND OTHER ASSUMPTIONS MADE IN NUMBER 3 ABOVE.
6. GENERAL COMMENTS: THE FORMATION EXHIBITS THE CHARACTERISTICS OF RELATIVELY FAIR PERMEABILITY EFFECTIVE TO THE RESERVOIR FLUID AND INDICATES THE ABSENCE OF WELLBORE DAMAGE.

Gary Zolnosky
GARY ZOLNOSKY

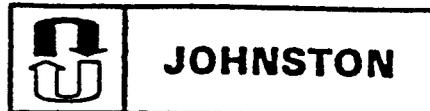
DENVER RESERVOIR EVALUATION DEPARTMENT

COSEKA RESOURCES USA, LIMITED
MAIN CANYON #16-4-15; UINTAH COUNTY
UTAH;
7450' TO 7581'; TEST NO. 1

FIELD REPORT NO.: 42743 E

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation

Gas Reservoir Engineering Data



Instrument No. 1346

Field Report No. 42743 E

Damage Ratio	DR	.61	Effective Transmissibility TO GAS	K _h μ	325.9	M _d -ft. C _p .
Maximum Reservoir Pressure FINAL SHUT-IN	P _o	3281 P.S.I.A.	Flow Rate GAS	Q _g	1600	MCF/day
Slope of Shut-in Curve FINAL SHUT-IN	M _g	4.27 x 10 ⁶ PSI ² /log cycle	Flow Rate	Q		
Potentiometric Surface (Datum Plane, Sea Level)	PS	7587 ft.	Pressure Gradient		.442	PSI/ft.
Radius of Investigation		37 ft.	K (Effective to GAS)		.51	Md.

$$\text{SLOPE } M = (3281)^2 - (2548)^2 = 4.27 \times 10^6$$
 Assumptions made for Calculations for Gas Recoveries

1. Q_g is taken as steady state flow and unless stated otherwise at standard conditions 14.7 P.S.I. and 60°F.
2. P_f is final formation flowing pressure at steady state flow.
3. Formation flow is taken as single phase flow. If liquid (condensate) is produced at surface, condensation is assumed to have occurred in drill pipe.
4. Radial flow is assumed.
5. Unless given, gas specific gravity is assumed to be 0.7 (air 1.0) and having pseudo critical temperature at 385° Rankin and pseudo critical pressure of 666 P.S.I.A.
6. Other standard radial flow, steady state assumptions.

Empirical Equations:

1.
$$\text{EDR} = \frac{P_o^2 - P_f^2}{M_g (\log T + 2.65)}$$
 where $M_g = \frac{P_i^2 - P_{io}^2}{\text{Log Cycle}}$

2. Transmissibility
$$\frac{K_h}{\mu Z} = \frac{1637^\circ T_f Q_g}{M_g}$$

3. P.S. =
$$\left[P_o \times 2.309 \text{ ft./PSI} \right] - \left[\text{Recorder depth to sea level.} \right]$$

4. Radius of Investigation,
$$r_i = \sqrt{\frac{Kt}{40\phi (1 - S_w)\mu c}}$$
 where t = time in days

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not, guarantee the accuracy or correctness or any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

ΔT (MIN)

0.31 0.49 0.79 1.3 2.1 3.4 5.7 10 20 52 ∞

HORNER PLOT

FIELD REPORT NO. 42743E
INSTRUMENT NO. 1346

COMPANY : COSEKA RESOURCES

WELL : MAIN CANYON 16-4-15-23

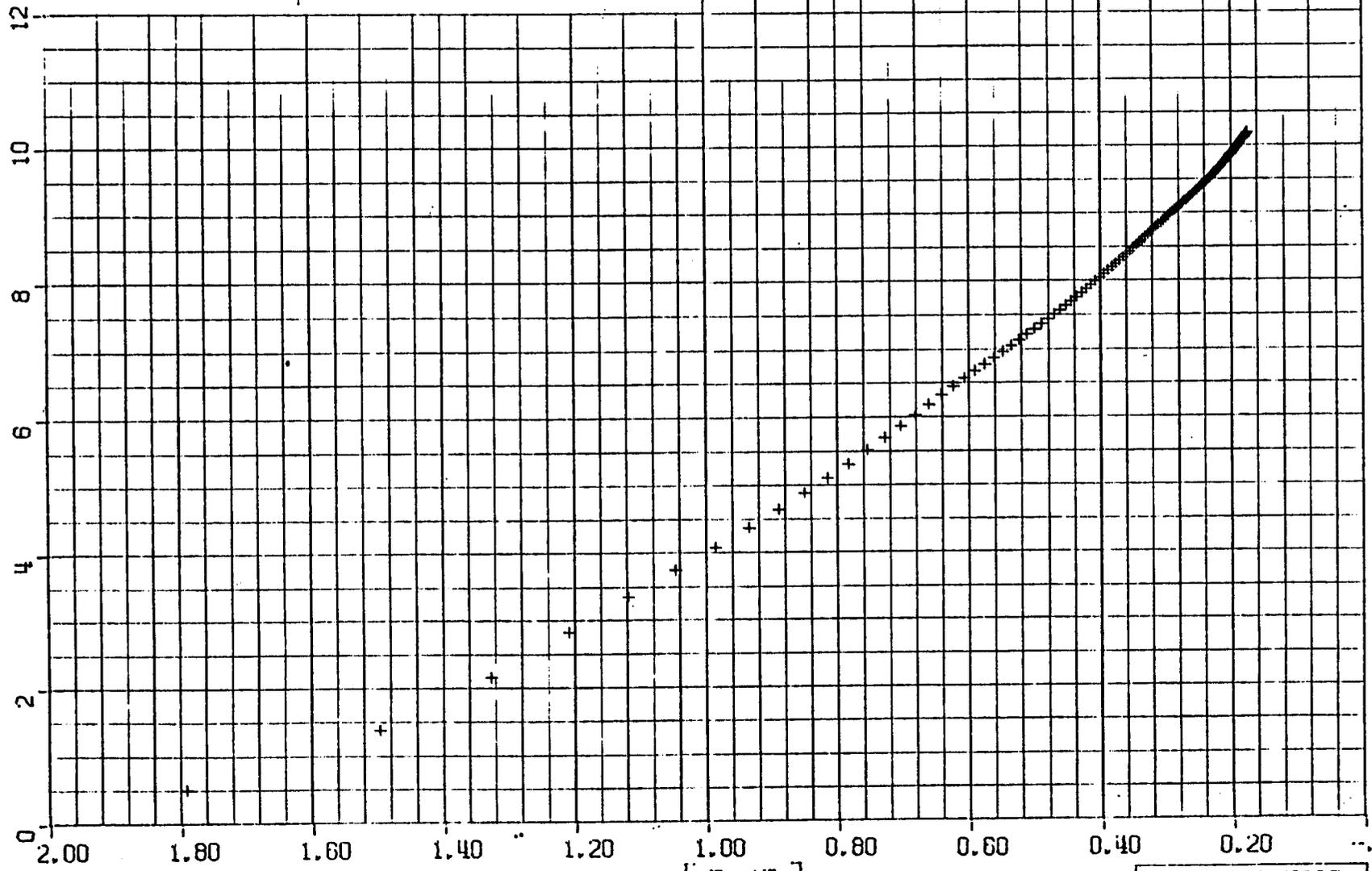
SHUTIN #1 : FINAL FLOW PRESSURE (P_{WF}): 628 PSIA

PLOT ELAPSED TIME RANGE: 437.5 TO 497.5 MIN

PLOT ΔT TIME RANGE: 0.5 TO 60.5 MIN

PRODUCING TIME (T_p): 30.5 MIN J-300 DATA

P_2 [10^6 PSIA²]



$\text{LOG} \left[\frac{T_p + \Delta T}{\Delta T} \right]$

JOHNSTON-MACCO
SCHLUMBERGER

ΔT (MIN)

4.9 7.0 10 15 22 33 50 83 151 365 ∞

HORNER PLOT

FIELD REPORT NO. 42743E

INSTRUMENT NO. 1346

COMPANY : LOSEKA RESOURCES

WELL : MAIN CANYON 16-4-15-23

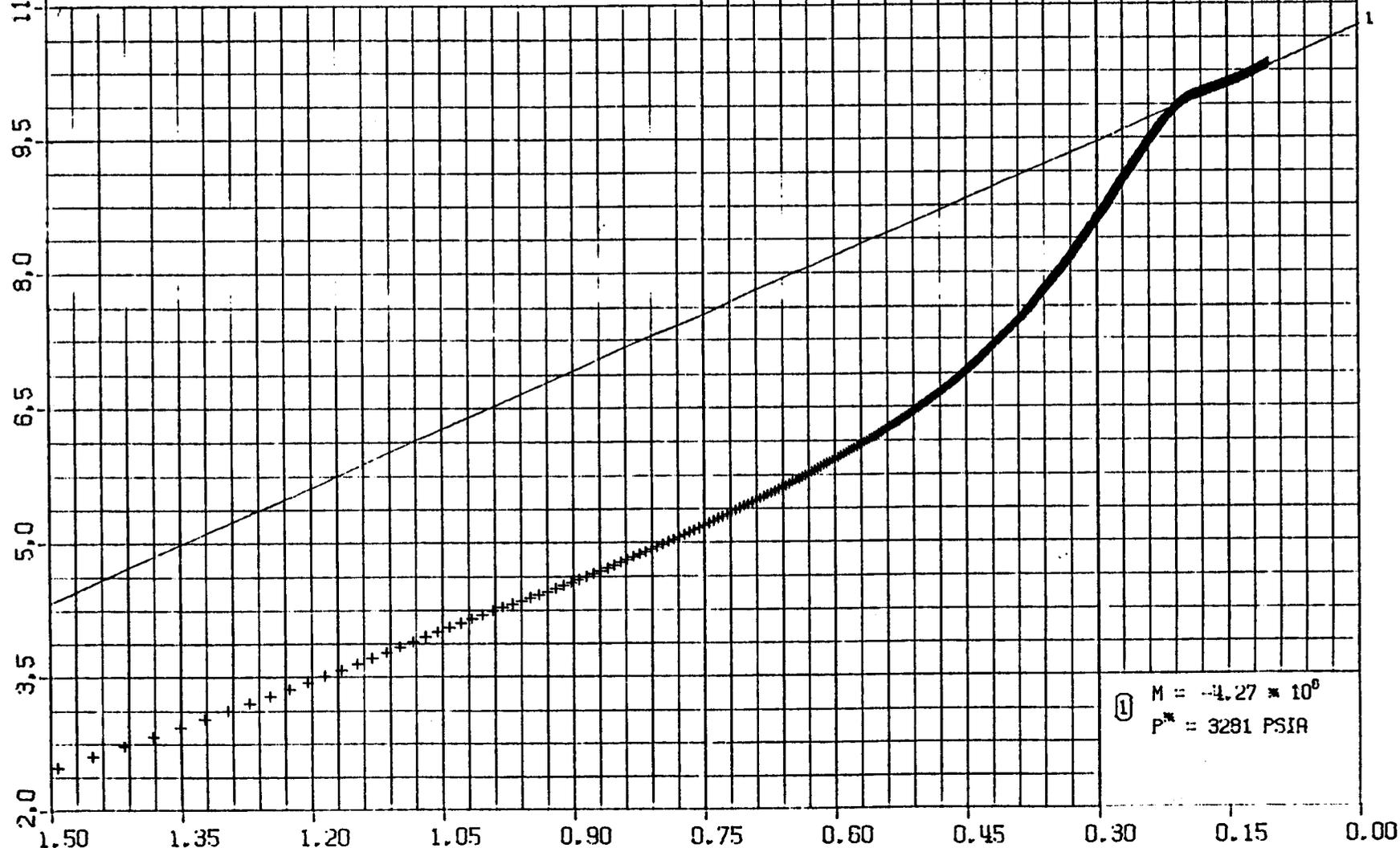
SHUTIN #2 : FINAL FLOW PRESSURE (P_{WF}): 358 PSIA

PLOT ELAPSED TIME RANGE: 625.0 TO 1176.0 MIN

PLOT ΔT TIME RANGE: 5.0 TO 556.0 MIN

PRODUCING TIME (T_p): 150.5 MIN J-300 DATA

P_2 [10^6 PSIA²]



① $M = -4.27 \times 10^6$
 $P^* = 3281$ PSIA

JOHNSTON-MACCO
SCHLUMBERGER

LOG LOG PLOT

COMPANY : COSEKA RESOURCES

WELL : MAIN CANYON 16-4-15-23

FIELD REPORT NO. 42743E

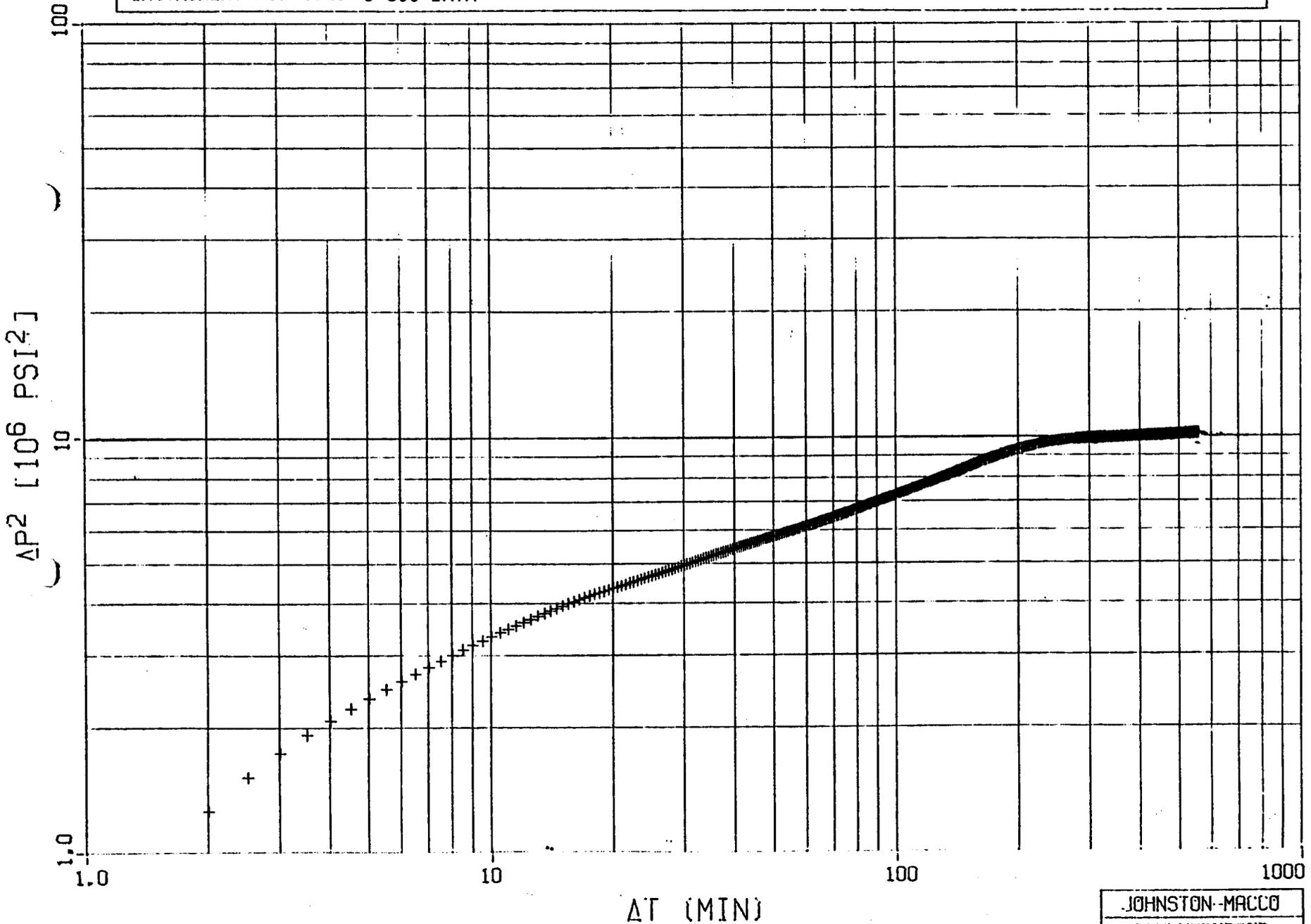
INSTRUMENT NO. 1346 J-300 DATA

SHUTIN #2 :

FINAL FLOW PRESSURE (P_{WF}): 358 PSIA

PLOT ELAPSED TIME RANGE: 622.0 TO 1176.0 MIN

PLOT AT TIME RANGE: 2.0 TO 556.0 MIN



JOHNSTON-MACCO
SCHLUMBERGER

 * TEST TICKET DATA PRINTOUT *

WELL IDENTIFICATION

1. WELL	:	MAIN CANYON #16-4-15
2. COMPANY	:	COSEKA RESOURCES U.S.A. LIMITED
3.	:	P.O. BOX 399
4.	:	GRAND JUNCTION, COLORADO 81502
5. CUSTOMER	:	SAME
6.	:	
7.	:	
8. FIELD	:	WILDCAT
9. COUNTY	:	UINTAH
10. STATE/PROV.	:	UTAH
11. LOCATION	:	
12. TECHNICIAN	:	RICHARDS (VERNAL)
13. TEST APPROVED BY	:	MR. RON MC CLURE
14. TEST DATE	:	05-26-82
15. DEPTH REFERENCE	:	KELLY BUSHING
16. DEPTH REFERENCE ELEVATION	:	S.L. 7438. FT

HOLE INFORMATION

1. THE HOLE IS STRAIGHT.	
2. TOTAL DEPTH	: 7581. FT
3. OPEN HOLE DIAMETER	: 6.25 IN

MUD INFORMATION

1. MUD TYPE	:	GEL
2. MUD WEIGHT	:	9.2 LB/GAL
3. MUD VISCOSITY	:	50. MARSH FUNNEL SEC
4. CORRECTED WATER LOSS	:	5.0 CC/30 MIN
5. MUD RESISTIVITY	:	0.22 OHM-M
6. MUD RES. MEAS. TEMP.	:	81.0 DEG F
7. MUD FILTRATE RESISTIVITY	:	0.18 OHM-M
8. MUD FILT. RES. MEAS. TEMP.	:	81.0 DEG F
9. MUD CHLORIDES CONTENT	:	22000.0 PPM BY WEIGHT

 * TEST TICKET DATA PRINTOUT *

TEST INFORMATION

1. FIELD REPORT NUMBER : 42743E
 2. TEST TYPE : M.F.E. OPEN HOLE
 3. TEST NUMBER : 1
 4. TELEFLOW IN USE ? : NO
 5. SSSR OR J-300 IN USE ? : YES
 6. SPRD IN USE ? : NO
 7. PTSDL IN USE ? : NO

TEST STRING INFORMATION

#	COMPONENT NAME	EFFECTIVE		FLOW PATH LENGTH (FT)
		I.D. (IN)	O.D. (IN)	
1	DRILL PIPE	3.80	4.50	6971.
2	DRILL COLLARS	2.25	6.75	435.
3	TEST TOOL STRING	0.93	5.00	175.

TEST STRING PLACEMENT

1. TEST TYPE CODE 1 - ON BOTTOM : 7445. FT & 7450. FT
 2. PACKER DEPTHS

TEST ZONE DESCRIPTION

FORMATION NAME	TOP (FT)	BOTTOM (FT)	PRODUCTION ZONE	
			THICKNESS (FT)	POROSITY, (%)
NIOBRARA			10.	

TEST CONDITIONS

1. BOTTOMHOLE CHOKE(S) EFF. INTERNAL DIA. : 0.93 IN

 * TEST TICKET DATA PRINTOUT *

TEST TOOL SAMPLE CHAMBER RECOVERY DATA

SAMPLE PRESSURE : PSIG
 OIL GRAVITY : DEG. API @ DEG F
 GAS/OIL RATIO : 1431. FT3/BBL
 GAS/LIQUID RATIO : 1431. FT3/BBL

SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESISTIVITY		CHLORIDES
GAS	2.70 FT3			
CONDENSATE	300.0 CC			
WATER	CC	OHM-M @	DEG F	PPM
MUD	CC	OHM-M @	DEG F	
TOTAL LIQUID	300.0 CC			

RECOVERY INFORMATION

DESCRIPTION	FEET	% OIL	% H2O	OTH	API DEG.	RESISTIVITY OHM-M	DEG.F	CHL PPM
1 CONDENSATE	2343			100				
2 CONDENSATE MIXED WITH MUD	420			100				

SURFACE INFORMATION

DESCRIPTION	TIME	PRESSURE	CHOKE SIZE
1 SET PACKER (05-26-82)	1819	-	-
2 OPENED TOOL	1821	-	1/4"
3 SLIGHT BLOW, INCREASING		-	"
4 GAS TO SURFACE	1825	75.00	3/8"
5	1841	128.00	"
6 CLOSED FOR INITIAL SHUT-IN	1851	128.00	"
7 FINISHED SHUT-IN	1951	-	"
8 RE-OPENED TOOL	1954	-	"
9 SLIGHT BLOW		-	"
10 MUD, OIL & GAS TO SURFACE	1957	-	"
11 SURGING, UNABLE TO GET PSI READING	2011	-	3/4"
12	2047	100.00	"
13	2055	90.00	"
14	2110	100.00	"
15	2130	100.00	"

FIELD REPORT NO. 42743E

* TEST TICKET DATA PRINTOUT *

DESCRIPTION	TIME	PRESSURE	CHOKE SIZE
16 CLOSED FOR FINAL SHUT-IN	2157	100.00	"
17 FINISHED SHUT-IN (05-27-82)	0711	-	"
18 PULLED PACKER LOOSE	0716	-	-
19 STARTED REVERSING	0741	-	-
20 FINISHED REVERSING	0752	-	-

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 42743E

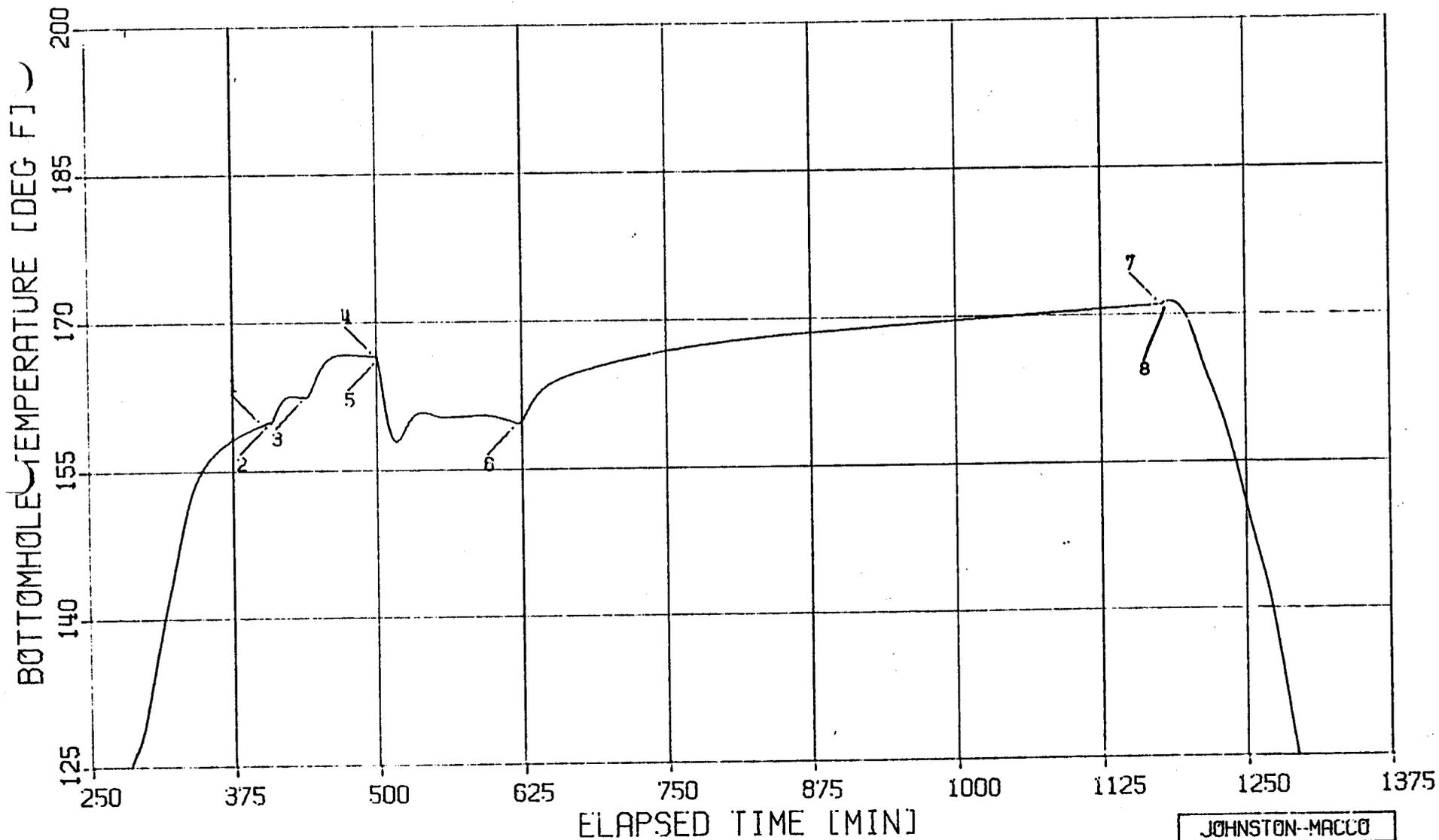
COMPANY : COSEKA RESOURCES

INSTRUMENT NO. 1346

WELL : MAIN CANYON 16-4-15

DEPTH : 7427 FT

J-300 DATA



JOHNSTON-MACCO
SCHLUMBERGER

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 42743E

COMPANY : COSEKA RESOURCES

INSTRUMENT NO. 1346

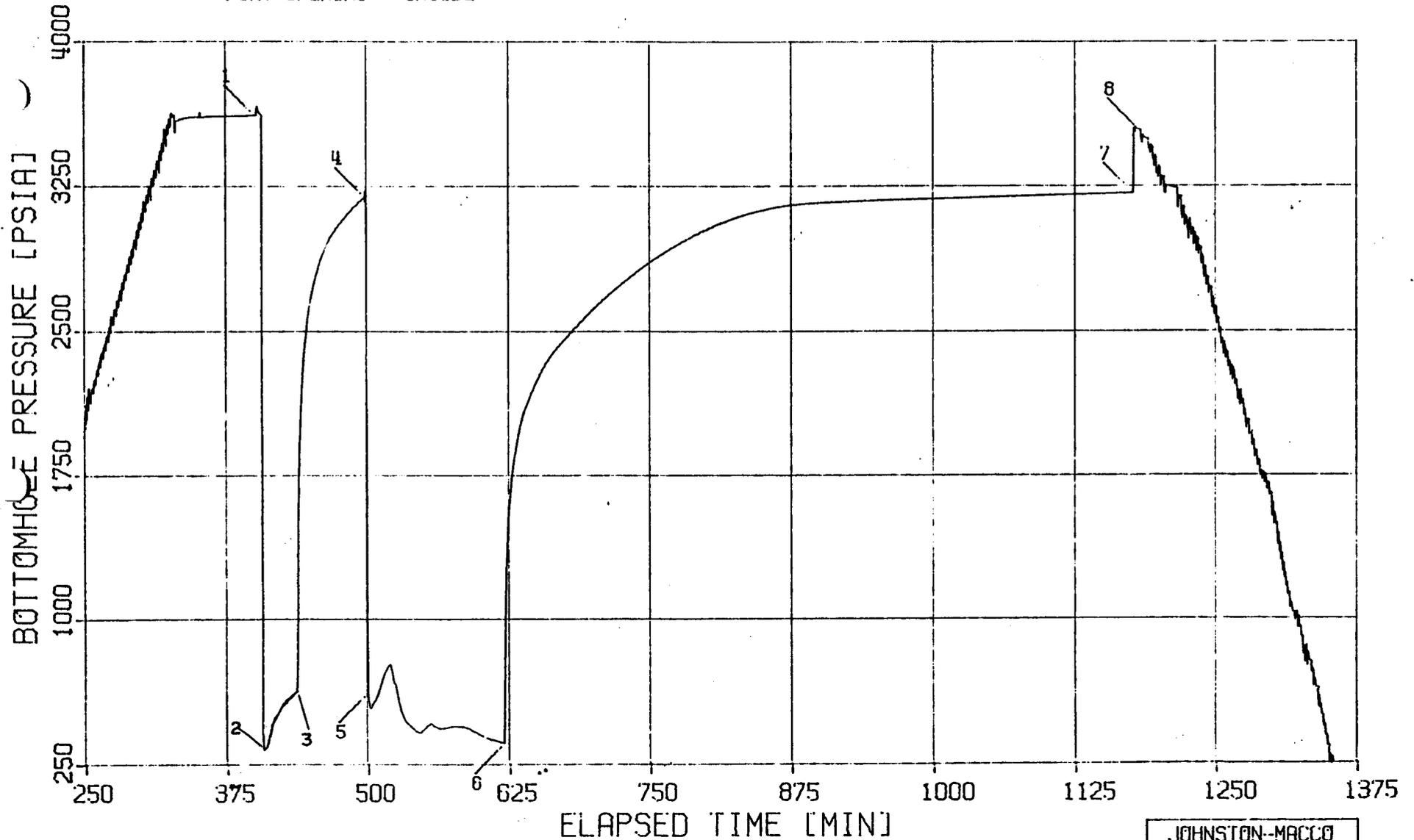
WELL : MAIN CANYON 16-4-15-23

DEPTH : 7427 FT

J-300 DATA

CAPACITY : 10000 PSI

PORT OPENING : INSIDE



JOHNSTON-MACCO
SCHLUMBERGER

 * WELL TEST DATA PRINTOUT *

J-300 DATA

FIELD REPORT # : 42743E
 COMPANY : COSEKA RESOURCES
 WELL : MAIN CANYON 16-4-15

INSTRUMENT # : 1346
 CAPACITY [PSI] : 10000.
 DEPTH [FT] : 7427.0
 PORT OPENING : INSIDE

LABEL POINT INFORMATION

#	TIME OF DAY		DATE	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE	BOT HOLE
	HH:MM:SS	DD-MM				PRESSURE PSIA	TEMP. DEG F
1	18:14:30	26-MY	26-MY	HYDROSTATIC MUD	399.50	3620.99	159.7
2	18:21:30	26-MY	26-MY	START FLOW	406.50	368.35	159.9
3	18:52:00	26-MY	26-MY	END FLOW & START SHUT-IN	437.00	628.45	162.4
4	19:52:30	26-MY	26-MY	END SHUT-IN	497.50	3193.86	166.5
5	19:55:00	26-MY	26-MY	START FLOW	500.00	624.83	166.2
6	21:55:00	26-MY	26-MY	END FLOW & START SHUT-IN	620.00	357.60	159.6
7	7:11:00	27-MY	27-MY	END SHUT-IN	1176.00	3214.79	171.0
8	7:15:00	27-MY	27-MY	HYDROSTATIC MUD	1180.00	3549.33	171.2

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	406.50	437.00	30.50	368.35	628.45
2	500.00	620.00	120.00	624.83	357.60

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	437.00	497.50	60.50	628.45	3193.86	628.45	30.50
2	620.00	1176.00	556.00	357.60	3214.79	357.60	150.50

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME, MIN *****	DELTA TIME, MIN *****	BOT HOLE TEMP. DEG F *****	BOT HOLE PRESSURE PSIA *****
18:21:30	26-MY	406.50	0.00	159.9	368.35
18:26:30	26-MY	411.50	5.00	160.8	376.64
18:31:30	26-MY	416.50	10.00	161.9	477.97
18:36:30	26-MY	421.50	15.00	162.4	536.07
18:41:30	26-MY	426.50	20.00	162.5	575.95
18:46:30	26-MY	431.50	25.00	162.5	604.08
18:51:30	26-MY	436.50	30.00	162.4	625.97
18:52: 0	26-MY	437.00	30.50	162.4	628.45

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 628.45
 PRODUCING TIME [MIN] = 30.50

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME, MIN *****	DELTA TIME, MIN *****	BOT HOLE TEMP. DEG F *****	BOT HOLE PRESSURE PSIA *****	DELTA P PSI *****	LOG HORNER TIME *****
18:52: 0	26-MY	437.00	0.00	162.4	628.45	0.00	
18:53: 0	26-MY	438.00	1.00	162.4	1174.00	545.55	1.498
18:54: 0	26-MY	439.00	2.00	162.5	1676.82	1048.37	1.211
18:55: 0	26-MY	440.00	3.00	162.7	1933.44	1304.99	1.048
18:56: 0	26-MY	441.00	4.00	162.9	2088.69	1460.24	0.936
18:57: 0	26-MY	442.00	5.00	163.1	2206.81	1578.36	0.851
18:58: 0	26-MY	443.00	6.00	163.3	2303.72	1675.27	0.784
18:59: 0	26-MY	444.00	7.00	163.6	2385.69	1757.24	0.729
19: 0: 0	26-MY	445.00	8.00	163.9	2455.28	1826.83	0.682
19: 1: 0	26-MY	446.00	9.00	164.2	2514.19	1885.74	0.642
19: 2: 0	26-MY	447.00	10.00	164.5	2563.55	1935.10	0.607
19: 4: 0	26-MY	449.00	12.00	164.9	2640.61	2012.16	0.549
19: 6: 0	26-MY	451.00	14.00	165.4	2701.60	2073.15	0.502
19: 8: 0	26-MY	453.00	16.00	165.7	2752.34	2123.89	0.463
19:10: 0	26-MY	455.00	18.00	166.0	2797.21	2168.76	0.430
19:12: 0	26-MY	457.00	20.00	166.2	2836.84	2208.39	0.402
19:14: 0	26-MY	459.00	22.00	166.4	2872.54	2244.09	0.378
19:16: 0	26-MY	461.00	24.00	166.5	2904.72	2276.27	0.356
19:18: 0	26-MY	463.00	26.00	166.6	2933.76	2305.31	0.337
19:20: 0	26-MY	465.00	28.00	166.6	2959.62	2331.17	0.320
19:22: 0	26-MY	467.00	30.00	166.7	2982.09	2353.64	0.305
19:27: 0	26-MY	472.00	35.00	166.7	3028.32	2399.87	0.272
19:32: 0	26-MY	477.00	40.00	166.7	3066.94	2438.49	0.246
19:37: 0	26-MY	482.00	45.00	166.6	3100.96	2472.51	0.225
19:42: 0	26-MY	487.00	50.00	166.6	3133.35	2504.90	0.207
19:47: 0	26-MY	492.00	55.00	166.5	3163.33	2534.88	0.192
19:52: 0	26-MY	497.00	60.00	166.5	3191.15	2562.70	0.178
19:52:30	26-MY	497.50	60.50	166.5	3193.86	2565.41	0.177

TEST PHASE : FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME, MIN *****	DELTA TIME, MIN *****	BOT HOLE TEMP. DEG F *****	BOT HOLE PRESSURE PSIA *****
19:55: 0	26-MY	500.00	0.00	166.2	624.83
20:10: 0	26-MY	505.00	5.00	162.7	572.62
20: 5: 0	26-MY	510.00	10.00	159.1	641.09
20:10: 0	26-MY	515.00	15.00	157.9	729.12
20:15: 0	26-MY	520.00	20.00	158.4	754.07
20:20: 0	26-MY	525.00	25.00	159.4	644.06
20:25: 0	26-MY	530.00	30.00	160.3	512.64
20:30: 0	26-MY	535.00	35.00	160.7	459.52
20:35: 0	26-MY	540.00	40.00	160.8	431.96
20:40: 0	26-MY	545.00	45.00	160.6	412.34
20:45: 0	26-MY	550.00	50.00	160.4	431.91
20:50: 0	26-MY	555.00	55.00	160.3	458.35
20:55: 0	26-MY	560.00	60.00	160.3	441.68
21: 0: 0	26-MY	565.00	65.00	160.3	434.06
21: 5: 0	26-MY	570.00	70.00	160.4	438.93
21:10: 0	26-MY	575.00	75.00	160.4	444.15
21:15: 0	26-MY	580.00	80.00	160.4	443.10
21:20: 0	26-MY	585.00	85.00	160.4	438.90
21:25: 0	26-MY	590.00	90.00	160.4	428.05
21:30: 0	26-MY	595.00	95.00	160.4	412.24
21:35: 0	26-MY	600.00	100.00	160.3	396.57
21:40: 0	26-MY	605.00	105.00	160.2	383.14
21:45: 0	26-MY	610.00	110.00	160.0	373.51
21:50: 0	26-MY	615.00	115.00	159.8	364.57
21:55: 0	26-MY	620.00	120.00	159.6	357.60

TEST PHASE : SHUTIN PERIOD # 2

FINAL FLOW PRESSURE [PSIA] = 357.60
 PRODUCING TIME [MIN] = 150.50

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME, MIN *****	DELTA TIME, MIN *****	BOT HOLE TEMP. DEG F *****	BOT HOLE PRESSURE PSIA *****	DELTA P PSI *****	LOG HORNER TIME *****
21:55: 0	26-MY	620.00	0.00	159.6	357.60	0.00	
21:56: 0	26-MY	621.00	1.00	159.6	871.00	513.40	2.180
21:57: 0	26-MY	622.00	2.00	159.6	1178.85	821.25	1.882
21:58: 0	26-MY	623.00	3.00	159.7	1366.09	1008.49	1.709
21:59: 0	26-MY	624.00	4.00	159.9	1487.15	1129.55	1.587
22: 0: 0	26-MY	625.00	5.00	160.0	1576.81	1219.21	1.493
22: 1: 0	26-MY	626.00	6.00	160.1	1650.34	1292.74	1.416
22: 2: 0	26-MY	627.00	7.00	160.4	1712.30	1354.70	1.352
22: 3: 0	26-MY	628.00	8.00	160.6	1766.73	1409.13	1.297
22: 4: 0	26-MY	629.00	9.00	160.8	1813.29	1455.69	1.249
22: 5: 0	26-MY	630.00	10.00	161.0	1854.52	1496.92	1.205
22: 7: 0	26-MY	632.00	12.00	161.4	1926.04	1568.44	1.132
22: 9: 0	26-MY	634.00	14.00	161.7	1985.74	1628.14	1.070

TEST PHASE : SHUTIN PERIOD # 2
FINAL FLOW PRESSURE [PSIA] = 357.60
PRODUCING TIME [MIN] = 150.50

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BGT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****	*****
22:11: 0	26-MY	636.00	16.00	162.1	2035.04	1677.44	1.017
22:13: 0	26-MY	638.00	18.00	162.4	2075.59	1717.99	0.971
22:15: 0	26-MY	640.00	20.00	162.7	2108.44	1750.84	0.931
22:17: 0	26-MY	642.00	22.00	162.9	2139.80	1782.20	0.894
22:19: 0	26-MY	644.00	24.00	163.1	2169.31	1811.71	0.862
22:21: 0	26-MY	646.00	26.00	163.3	2197.24	1839.64	0.832
22:23: 0	26-MY	648.00	28.00	163.5	2223.11	1865.51	0.804
22:25: 0	26-MY	650.00	30.00	163.6	2247.24	1889.64	0.779
22:30: 0	26-MY	655.00	35.00	164.0	2302.54	1944.94	0.724
22:35: 0	26-MY	660.00	40.00	164.2	2349.80	1992.20	0.678
22:40: 0	26-MY	665.00	45.00	164.4	2391.11	2033.51	0.638
22:45: 0	26-MY	670.00	50.00	164.6	2428.34	2070.74	0.603
22:50: 0	26-MY	675.00	55.00	164.8	2462.60	2105.00	0.572
22:55: 0	26-MY	680.00	60.00	165.0	2495.23	2137.63	0.545
23: 0: 0	26-MY	685.00	65.00	165.1	2526.44	2168.84	0.521
23: 5: 0	26-MY	690.00	70.00	165.3	2556.40	2198.80	0.498
23:10: 0	26-MY	695.00	75.00	165.4	2585.42	2227.82	0.478
23:15: 0	26-MY	700.00	80.00	165.6	2613.63	2256.03	0.460
23:20: 0	26-MY	705.00	85.00	165.7	2640.91	2283.31	0.443
23:25: 0	26-MY	710.00	90.00	165.8	2667.45	2309.85	0.427
23:30: 0	26-MY	715.00	95.00	165.9	2693.29	2335.69	0.412
23:35: 0	26-MY	720.00	100.00	166.1	2718.26	2360.66	0.399
23:40: 0	26-MY	725.00	105.00	166.2	2742.73	2385.13	0.386
23:45: 0	26-MY	730.00	110.00	166.3	2766.23	2408.63	0.374
23:50: 0	26-MY	735.00	115.00	166.4	2789.10	2431.50	0.363
23:55: 0	26-MY	740.00	120.00	166.5	2811.49	2453.89	0.353
0: 0: 0	27-MY	745.00	125.00	166.6	2832.99	2475.39	0.343
0: 5: 0	27-MY	750.00	130.00	166.7	2853.97	2496.37	0.334
0:10: 0	27-MY	755.00	135.00	166.8	2874.01	2516.41	0.325
0:15: 0	27-MY	760.00	140.00	166.9	2893.40	2535.80	0.317
0:20: 0	27-MY	765.00	145.00	167.0	2912.40	2554.80	0.309
0:25: 0	27-MY	770.00	150.00	167.1	2930.41	2572.81	0.302
0:30: 0	27-MY	775.00	155.00	167.2	2947.85	2590.25	0.295
0:35: 0	27-MY	780.00	160.00	167.3	2964.49	2606.89	0.288
0:40: 0	27-MY	785.00	165.00	167.4	2980.35	2622.75	0.282
0:45: 0	27-MY	790.00	170.00	167.4	2995.74	2638.14	0.275
0:50: 0	27-MY	795.00	175.00	167.5	3010.18	2652.58	0.270
0:55: 0	27-MY	800.00	180.00	167.6	3024.05	2666.45	0.264
1: 0: 0	27-MY	805.00	185.00	167.7	3037.12	2679.52	0.259
1: 5: 0	27-MY	810.00	190.00	167.7	3049.49	2691.89	0.253
1:10: 0	27-MY	815.00	195.00	167.8	3061.25	2703.65	0.248
1:15: 0	27-MY	820.00	200.00	167.8	3072.30	2714.70	0.244
1:20: 0	27-MY	825.00	205.00	167.9	3082.49	2724.89	0.239
1:25: 0	27-MY	830.00	210.00	168.0	3092.14	2734.54	0.235
1:30: 0	27-MY	835.00	215.00	168.1	3101.01	2743.41	0.230
1:35: 0	27-MY	840.00	220.00	168.1	3109.20	2751.60	0.226
1:40: 0	27-MY	845.00	225.00	168.1	3116.65	2759.05	0.222
1:45: 0	27-MY	850.00	230.00	168.2	3123.68	2766.08	0.219

TEST PHASE : SHUTIN PERIOD # 2
 FINAL FLOW PRESSURE [PSIA] = 357.60
 PRODUCING TIME [MIN] = 150.50

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****	*****
1:50: 0	27-MY	855.00	235.00	168.3	3129.96	2772.36	0.215
1:55: 0	27-MY	860.00	240.00	168.3	3135.58	2777.98	0.211
2: 0: 0	27-MY	865.00	245.00	168.4	3140.64	2783.04	0.208
2: 5: 0	27-MY	870.00	250.00	168.4	3145.06	2787.46	0.205
2:10: 0	27-MY	875.00	255.00	168.5	3148.97	2791.37	0.201
2:15: 0	27-MY	880.00	260.00	168.6	3152.15	2794.55	0.198
2:20: 0	27-MY	885.00	265.00	168.6	3154.92	2797.32	0.195
2:25: 0	27-MY	890.00	270.00	168.6	3157.19	2799.59	0.192
2:30: 0	27-MY	895.00	275.00	168.7	3159.07	2801.47	0.190
2:35: 0	27-MY	900.00	280.00	168.7	3160.67	2803.07	0.187
2:40: 0	27-MY	905.00	285.00	168.8	3162.10	2804.50	0.184
2:45: 0	27-MY	910.00	290.00	168.8	3163.33	2805.73	0.182
2:50: 0	27-MY	915.00	295.00	168.9	3164.83	2807.23	0.179
2:55: 0	27-MY	920.00	300.00	168.9	3165.99	2808.39	0.177
3: 0: 0	27-MY	925.00	305.00	168.9	3167.23	2809.63	0.174
3: 5: 0	27-MY	930.00	310.00	169.0	3168.39	2810.79	0.172
3:10: 0	27-MY	935.00	315.00	169.0	3169.64	2812.04	0.170
3:15: 0	27-MY	940.00	320.00	169.1	3170.86	2813.26	0.167
3:20: 0	27-MY	945.00	325.00	169.1	3172.01	2814.41	0.165
3:25: 0	27-MY	950.00	330.00	169.2	3173.13	2815.53	0.163
3:30: 0	27-MY	955.00	335.00	169.2	3174.24	2816.64	0.161
3:35: 0	27-MY	960.00	340.00	169.3	3175.55	2817.95	0.159
3:40: 0	27-MY	965.00	345.00	169.3	3176.57	2818.97	0.157
3:45: 0	27-MY	970.00	350.00	169.4	3177.53	2819.93	0.155
3:50: 0	27-MY	975.00	355.00	169.4	3178.66	2821.06	0.153
3:55: 0	27-MY	980.00	360.00	169.4	3179.77	2822.17	0.152
4: 0: 0	27-MY	985.00	365.00	169.5	3180.73	2823.13	0.150
4: 5: 0	27-MY	990.00	370.00	169.5	3181.79	2824.19	0.148
4:10: 0	27-MY	995.00	375.00	169.6	3182.83	2825.23	0.147
4:15: 0	27-MY	1000.00	380.00	169.6	3183.88	2826.28	0.145
4:20: 0	27-MY	1005.00	385.00	169.7	3184.84	2827.24	0.143
4:25: 0	27-MY	1010.00	390.00	169.7	3185.96	2828.36	0.142
4:30: 0	27-MY	1015.00	395.00	169.8	3186.79	2829.19	0.140
4:35: 0	27-MY	1020.00	400.00	169.8	3187.73	2830.13	0.139
4:40: 0	27-MY	1025.00	405.00	169.8	3188.67	2831.07	0.137
4:45: 0	27-MY	1030.00	410.00	169.9	3189.62	2832.02	0.136
4:50: 0	27-MY	1035.00	415.00	169.9	3190.77	2833.17	0.134
4:55: 0	27-MY	1040.00	420.00	170.0	3191.58	2833.98	0.133
5: 0: 0	27-MY	1045.00	425.00	170.0	3192.62	2835.02	0.132
5: 5: 0	27-MY	1050.00	430.00	170.1	3193.49	2835.89	0.130
5:10: 0	27-MY	1055.00	435.00	170.1	3194.38	2836.78	0.129
5:15: 0	27-MY	1060.00	440.00	170.2	3195.30	2837.70	0.128
5:20: 0	27-MY	1065.00	445.00	170.2	3196.15	2838.55	0.127
5:25: 0	27-MY	1070.00	450.00	170.2	3197.07	2839.47	0.125
5:30: 0	27-MY	1075.00	455.00	170.3	3197.95	2840.35	0.124
5:35: 0	27-MY	1080.00	460.00	170.3	3198.77	2841.17	0.123
5:40: 0	27-MY	1085.00	465.00	170.3	3199.70	2842.10	0.122
5:45: 0	27-MY	1090.00	470.00	170.4	3200.58	2842.98	0.121

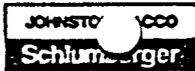
TEST PHASE : SHUTIN PERIOD # 2

FINAL FLOW PRESSURE [PSIA] = 357.60

PRODUCING TIME [MIN] = 150.50

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BGT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****	*****
5:50: 0	27-MY	1095.00	475.00	170.4	3201.45	2843.85	0.120
5:55: 0	27-MY	1100.00	480.00	170.5	3202.27	2844.67	0.118
6: 0: 0	27-MY	1105.00	485.00	170.5	3203.14	2845.54	0.117
6: 5: 0	27-MY	1110.00	490.00	170.5	3204.07	2846.47	0.116
6:10: 0	27-MY	1115.00	495.00	170.6	3204.88	2847.28	0.115
6:15: 0	27-MY	1120.00	500.00	170.6	3205.84	2848.24	0.114
6:20: 0	27-MY	1125.00	505.00	170.6	3206.64	2849.04	0.113
6:25: 0	27-MY	1130.00	510.00	170.7	3207.46	2849.86	0.112
6:30: 0	27-MY	1135.00	515.00	170.7	3208.24	2850.64	0.111
6:35: 0	27-MY	1140.00	520.00	170.7	3208.98	2851.38	0.110
6:40: 0	27-MY	1145.00	525.00	170.8	3209.84	2852.24	0.109
6:45: 0	27-MY	1150.00	530.00	170.8	3210.67	2853.07	0.109
6:50: 0	27-MY	1155.00	535.00	170.9	3211.48	2853.88	0.108
6:55: 0	27-MY	1160.00	540.00	170.9	3212.29	2854.69	0.107
7: 0: 0	27-MY	1165.00	545.00	170.9	3213.00	2855.40	0.106
7: 5: 0	27-MY	1170.00	550.00	171.0	3213.87	2856.27	0.105
7:10: 0	27-MY	1175.00	555.00	171.0	3214.69	2857.09	0.104
7:11: 0	27-MY	1176.00	556.00	171.0	3214.79	2857.19	0.104

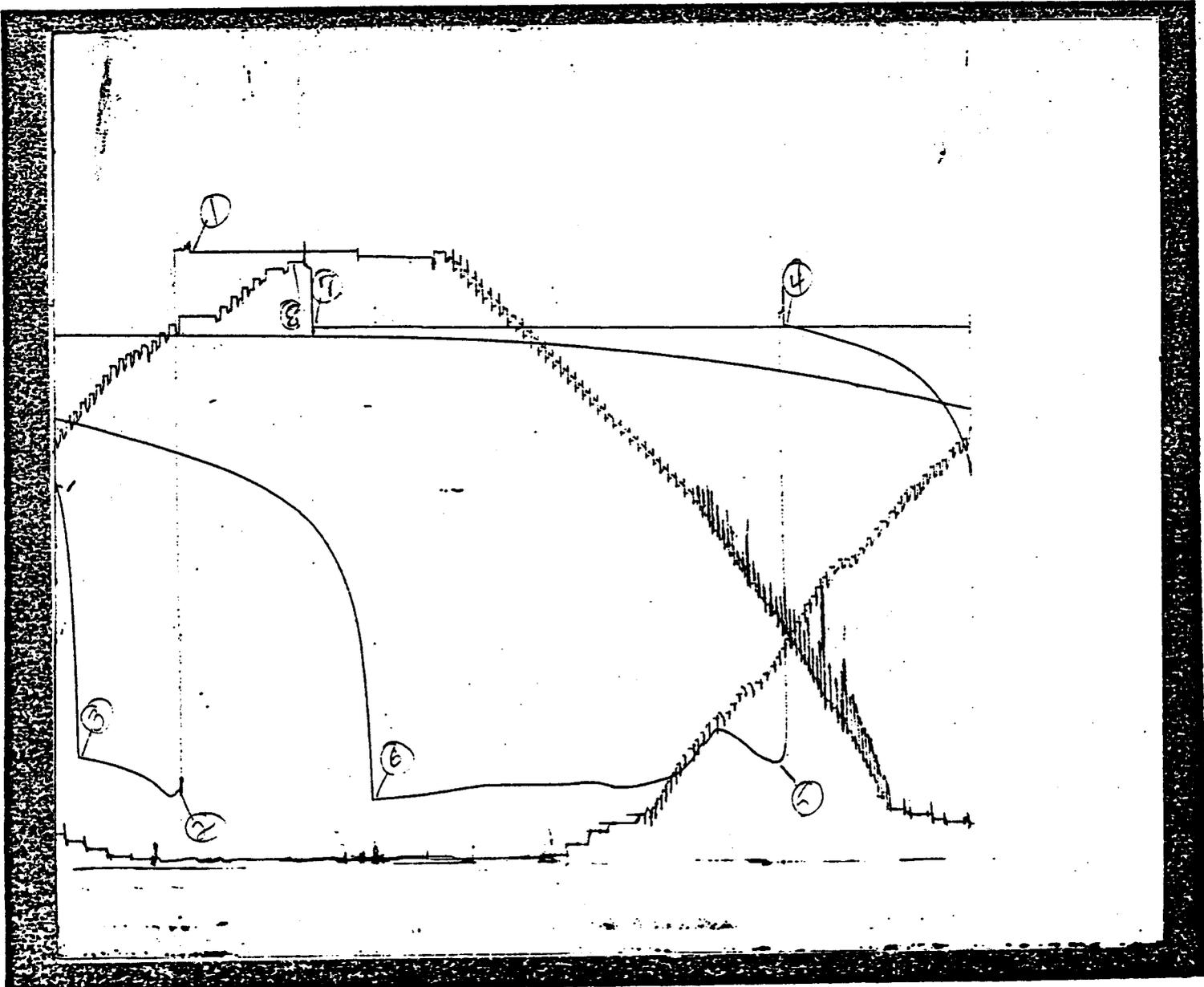
BOTTOM HOLE PRESSURE AND TIME DATA



INSTRUMENT NUMBER J-1237		CAPACITY (P.S.I.) 4700 P.S.I.		DEPTH 7467'	
PORT OPENING OUTSIDE		BOTTOM HOLE TEMPERATURE READ @ 200°F.		FIELD REPORT NUMBER 42743 E	

DESCRIPTION	LABELED POINTS	PRESSURE (PSIA)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	3682		
INITIAL FLOW (1)	2	392		
INITIAL FLOW (2)	3	665	30	
INITIAL SHUT-IN	4	3217	60	
SECOND FLOW (1)				
SECOND FLOW (2)				
SECOND SHUT-IN				
FINAL FLOW (1)	5	651		
FINAL FLOW (2)	6	395	123	
FINAL SHUT-IN	7	3228	558	
FINAL HYDROSTATIC MUD	8	3616		

REMARKS:



JOHNSTON-MACCO

Schlumberger

DISTRIBUTION FOR TECHNICAL REPORTS

JS-223-A

FIELD REPORT NO.
42743 E
DATE
05-26-82

COMPANY	WELL	NO.
COSEKA RESOURCES U.S.A. LIMITED	MAIN CANYON	16-4-15
CUSTOMER	FIELD	
SAME	WILDCAT	
COUNTY	STATE	
UINTAH	UTAH	

THIS TEST ONLY ALL TESTS ON THIS WELL

JOHNSTON-MACCO HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS. THIS DISTRIBUTION WILL BE AS INDICATED AT LEFT UNLESS OTHERWISE STATED.

<input type="checkbox"/> 1 U.S.G.S. P.O. BOX 3768 101 S. THIRD GRAND JUNCTION, COLORADO 81502	<input type="checkbox"/> 2 NATURAL GAS CORPORATION OF CALIFORNIA 85 SOUTH 200 EAST VERNAL, UTAH 84078 ATTN: RON FIRTH
<input type="checkbox"/> 1 STATE OF UTAH DIVISION OF OIL, GAS & MINING 1588 WEST NORTH TEMPLE SALT LAKE CITY, UTAH 84116	<input type="checkbox"/> 1 CANADIAN NATURAL RESOURCES 4TH FLOOR, 300-5TH AVENUE S.W. CALGARY, ALBERTA T2P 3C4 ATTN: LINDA DELAHAY - ALLEN KNIGHT
<input type="checkbox"/> 1 COSEKA RESOURCES U.S.A. LIMITED 718 - 17TH STREET, SUITE 630 DENVER, COLORADO 80202	<input type="checkbox"/> 1 NORTHWEST PIPELINE CORPORATION P.O. BOX 1526 SALT LAKE CITY, UTAH 84110 ATTN: STEVE BENCH
<input type="checkbox"/> 2 COSEKA RESOURCES U.S.A. LIMITED P.O. BOX 399 GRAND JUNCTION, COLORADO 81502	<input type="checkbox"/>
<input type="checkbox"/> 2 MONO POWER COMPANY P.O. BOX 800 ROSEMEAD, CALIFORNIA 91770 ATTN: BASIL SAVOY	<input type="checkbox"/>
<input type="checkbox"/> 2 NATURAL GAS CORPORATION OF CALIFORNIA 717 - 17TH STREET, SUITE 2300 DENVER, COLORADO 80202 ATTN: JIM LANGMAN - BOB JUST	<input type="checkbox"/>



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 19, 1982

Coseka Resources, Inc.
P. O. Box 399
Grand Junction, Colorado 81502

Re: See attached sheet

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

CF/cf

Well No. Federal #10-24-16-23
Sec. 24, T. 6S, R. 23E.
Grand County, Utah

Well No. Federal #13-13-16-24
Sec. 13, T. 16S, R. 24E.
Grand County, Utah

Well No. Black Horse #14-2-15-23
Sec. 2, T. 15S, R. 23E.
Uintah County, Utah

Well No. Main Canyon #16-4-15-23
Sec. 4, T. 15S, R. 23E.
Uintah County, Utah

Well No. Main Canyon Fed. #1-10-15-23
Sec. 10, T. 15S, R. 23E.
Uintah County, Utah

Well No. Fedearl #16-10-15-23
Sec. 10, T. 15S, R. 23E.
Uintah County, Utah

Well No. Main Canyon Federal #16-19-15-23
Sec. 19, T. 15S, R. 23E.
Uintah County, Utah

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
U-8361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Main Canyon

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
16-4-15-23

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 4, T15S, R23E

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. RESVR. Other _____

2. NAME OF OPERATOR
COSEKA RESOURCES (USA) LIMITED

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 707' FNL 662' FEL, Section 4; T15S, R23E
At top prod. interval reported below
At total depth Same

NE / NE

14. PERMIT NO. 43-047-31111 DATE ISSUED 10/27/81

15. DATE SPUDDED <u>5/3/82</u>	16. DATE T.D. REACHED <u>6/7/82</u>	17. DATE COMPL. (Ready to prod.) <u>10/6/82</u>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>7438' Ungr.</u>	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD <u>8831'</u>	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS <u>X</u>
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Dakota 8489'-8579'</u>				25. WAS DIRECTIONAL SURVEY MADE <u>No</u>
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>FDC-CNL-DLL-GR-Cyberlook</u>				27. WAS WELL CORED <u>No</u>

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>9 5/8"</u>	<u>36#</u>	<u>300'</u>	<u>12 1/4"</u>	<u>180 sx Class "G"</u>	
<u>7"</u>	<u>23#</u>	<u>4990'</u>	<u>8 3/4"</u>	<u>125 sx 50-50 poz 50sx Class "G"</u>	
<u>4 1/2"</u>	<u>11.6#</u>	<u>8830'</u>	<u>6 1/4"</u>	<u>300 sxs Class "H"</u>	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>2 3/8"</u>	<u>8422'</u>	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number of Holes
<u>8574'-8579'</u>	<u>0.34"</u>	<u>4 holes</u>
<u>8489'-8516'</u>	<u>0.34"</u>	<u>8 holes</u>
<u>7472'-7482'</u>	<u>0.32"</u>	<u>21 holes</u>

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>8489'-8579'</u>	<u>500 gal 7 1/2% HCl</u>
<u>8489'-8579'</u>	<u>89,968 gal foam-220,000# 20/40</u>
<u>7472'-7482'</u>	<u>Squeeze perfs 75sx Class "H"</u>

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>	WELL STATUS (Producing or shut-in) <u>SI</u>
DATE OF TEST <u>11/12/82</u>	HOURS TESTED <u>24</u>	CHOKE SIZE <u>32/64"</u>
PROD'N. FOR TEST PERIOD →	OIL—BBL. <u>0</u>	GAS—MCF. <u>667.8</u>
FLOW. TUBING PRESS. <u>185</u>	CASING PRESSURE <u>307</u>	WATER—BBL. <u>1.6</u>
CALCULATED 24-HOUR RATE →	OIL—BBL. <u>0</u>	GAS—MCF. <u>667.8</u>
		WATER—BBL. <u>1.6</u>

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

TEST WITNESSED BY
Glen Keel

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 Tony [Signature] TITLE Area Production Engineer DATE 1-18-83

*(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 38, below regarding separate reports for separate completions.

Item 1: 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
					MEAS. DEPTH
					TOP
					TRUE VERT. DEPTH
Niobrara	7450'	7581'	Drill Stem Test Preflow ISI 30 minutes FF 60 minutes FSI 120 minutes 250 minutes Gas to surface in 4 minutes with 100# on 3/4" choke = 1,336 MCF/D IHP 3648# IF 372-615# ISI 8200# FF 559-372# (change from 3/8" to 3/4" choke) FSI 3218# FHP 3625# Formation pressure 3280#	Mesa Verde Castlegate Mancos "B" top base Niobrara top base Frontier top base Dakota Silt Cedar Mountain Morrison	2532' 4628' 5410' 6080' 7416' 7910' 8125' 8296' 8387' 8662' 8780'



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• COSEKA RESOURCES USA LTD
SUITE 300 1512 LARIMER ST
DENVER CO 80202 1602
ATTN: DAVID JOHNSON

Utah Account No. N0280
Report Period (Month/Year) 6 / 88
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number Entity Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
MAIN CYN 6-8-15-23 4304731073 08045 15S 23E 8	CSLGT				
MAIN CYN 16-4-15-23 4304731111 08045 15S 23E 4	DKTA				
DRY BURN UNIT #1 4304730331 08050 13S 25E 29	MNCS				
CROOKED CYN 13-17-14-23 4304730619 08055 14S 23E 17	DKTA				
CROOKED CYN 10-10-14-23 4304730708 08055 14S 23E 10	MNCS				
SWEETWATER CYN #1 4304730460 08060 14S 24E 14	MNCSB				
SWEETWATER 6-13-14-24 4304731040 08060 14S 24E 13	DKTA				
WOLF UNIT 3-11-15-21 4304730622 08065 15S 21E 11	DKTA				
FED 16-19-14-22 4304731368 08069 14S 22E 19	MVRD				
BLACK HORSE #2 4304730248 08070 15S 24E 29	MNCS				
BLACK HORSE 14-15-15-24 4304731045 08070 15S 24E 15	MNCSB				
BLACK HORSE 12-8-15-24 4304731104 08070 15S 24E 8	MNCSB				
FEDERAL 5-13-15-21 4304731137 08071 15S 21E 13	DK-MR				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



COSEKA RESOURCES (U.S.A.) LIMITED

300 WRITER SQUARE, 1512 LARIMER STREET, DENVER, COLORADO 80202-1602 (303) 573-6178

RECEIVED
JUL 1 1988

DIVISION OF
OIL, GAS & MINING

June 27, 1988

On June 30, 1988, Coseka Resources (U.S.A.) Limited will be merged with and change its name to Arch Oil & Gas Company. The address for the organization will be unchanged at 300 Writer Square Building, 1512 Larimer, Suite 300, Denver, Colorado 80202-1602. The telephone number will also remain the same at (303) 573-6178.

While there should be no change in your communications with us, it is our hope that this change in name reflects the resolution of the past bankruptcy and the new and positive direction for the company. We look forward to working with you in the future as Arch Oil & Gas Company.

Thank you for your interest and if you have any questions, please contact us.

Sincerely,

Coseka Resources (U.S.A.) Limited

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
DEC 15 1989

5. LEASE DESIGNATION & SERIAL NO. **U-8361**

6. NAME OF ALLOTTEE OR TRIBE NAME

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.)

7. WELL AGREEMENT NAME **Main Canyon**

8. FARM OR LEASE NAME **Federal**

9. WELL NO. **16-4-155-23E**

10. FIELD AND POOL, OR WILDCAT **Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **Sec. 4, T15S, R23E**

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR **Arch Oil & Gas Company**

3. ADDRESS OF OPERATOR **1512 Larimer St., Suite 300, Denver, CO 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface **707' FNL & 662' FEL Sec. 4, T15S, R23E**
At proposed prod. zone

14. API NO. **43-047-31111**

15. ELEVATIONS (Show whether DF, RT, GR, etc.) **7438' GR**

12. COUNTY **Uintah**

13. STATE **Utah**

18. 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) _____	
(Other) Status Report		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

This well is currently shut in waiting for pipeline connection and improved market conditions.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-	MICROFILM <input checked="" type="checkbox"/>
3-	FILE

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

SIGNED Terry J. Cox TITLE Operations Manager DATE 12/15/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

JUN 18 1990

<p>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.)</p>		<p>3. LEASE DESIGNATION & SERIAL NO. U-8361</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>
<p>2. NAME OF OPERATOR Arch Oil & Gas Company</p>		<p>7. UNIT AGREEMENT NAME Main Canyon</p>
<p>3. ADDRESS OF OPERATOR 1512 Larimer St., Suite 300, Denver, CO 80202</p>		<p>8. FARM OR LEASE NAME Federal</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 707' FNL & 662' FEL Sec. 4, T15S, R23E At proposed prod. zone</p>		<p>9. WELL NO. 16-4-15S-23E</p>
<p>14. API NO. 43-047-31111</p>		<p>10. FIELD AND POOL, OR WILDCAT Wildcat</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7438' GR</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T15S, R23E</p>
<p>12. COUNTY Uintah</p>		<p>13. STATE Utah</p>

18. 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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Status</u>	
(Other)		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

This well is currently shut in waiting for pipeline connection and improved market conditions.

OIL AND GAS	
DRN	RJF
JOB	GLH
DTS	SLS
<p><i>[Signature]</i></p>	
2-	MICROFILM <input checked="" type="checkbox"/>
2-	FILE <input checked="" type="checkbox"/>

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

SIGNED *[Signature]* TITLE Operations Manager DATE 6/15/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-8361	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Main Canyon	
2. NAME OF OPERATOR Arch Oil & Gas Company		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR 1512 Larimer St., Suite 300, Denver, CO 80202		9. WELL NO. 16-4-15S-23E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 707' FNL & 662' FEL Sec. 4, T15S, R23E		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO. 43-047-31111 SGW		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 4, T15S, R23E	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7438' GR		12. COUNTY OR PARISH Uintah	13. STATE Utah

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"/>	status <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 is currently shut in waiting for pipeline connection and improved market conditions.

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

SIGNED [Signature] TITLE Operations Manager DATE 11/27/90

(This space for Federal or State office use)

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

EXHIBIT "A"

Attached to and made a part of that certain Sundry Notice,
executed August 30, 1991, Change of Operator.

<u>Well Name</u>	<u>Lease Number</u>
Dry Burn No. 1 (7-29-13-25)	U-10184 - Dry Burn Unit - Not approved as of 3-24-92
Federal 9-12-14-21	U-10272
Pine Springs Unit No. 1 (6-15-14-22)	U-27413 - Pine Springs Unit
Federal 12-18-14-22	U-27413
Federal 8-20-14-22	U-6841
Federal 7-21-14-22	U-10199
Federal 13-26-14-22	U-10199
Federal 13-17-14-23	U-27413
Federal 1-25-14-23	U-6613
Federal 4-25-14-23	U-38073
Federal 16-25-14-23	U-38073 - Trapp Springs Unit
Federal 3-26-14-23	U-38073
Federal 6-35-14-23	U-38071
State 8-36-14-23	U-32572
Federal 6-13-14-24	ML-18667 - Trapp Springs Unit
Sweetwater No. 1 (12-14-14-24)	U-10132
Federal 1-L-23 (10-23-14-24)	U-10133 - Sweetwater Cya. Unit
Rat Hole No. 1 (7-8-14-25)	U-10133
Federal 3-11-15-21	U-3716A - Rat Hole Unit
Federal 5-13-15-21	U-6618
Federal 6-14-15-21	U-30112
Federal 7-15-15-21	U-10173
State 8-2-15-22	U-6618
State 11-2-15-22	ML-22320
Federal 2-18-15-22	ML-22320
Federal 6-3-15-23	U-30112
Federal 4-4-15-23	U-8361
Federal 16-4-15-23	U-8361
Federal 8-7-15-23	U-8361
Federal 2-8-15-23	U-9211
Federal 6-8-15-23	U-9211
Federal 15-8-15-23	U-9211
Federal 11-10-15-23	U-8361
Federal 7-17-15-23	U-8359
Federal 7-30-15-23	U-8351
Federal 12-8-15-24	U-2836 - Black Horse Canyon Unit
Federal 14-15-15-24	U-2837
Blackhorse No. 2 (1-29-15-24)	U-2838 - Black Horse Canyon Unit
Federal 4-30-16-24	U-15889 - Middle Canyon Unit
Federal 11-30-16-24	U-30123

NO405

ARCH OIL & GAS COMPANY

P.O. BOX 2499
MIDLAND, TEXAS 79702

January 14, 1992

**RECEIVED
STATE TAX COMMISSION**

JAN 23 1992

Oil and Gas Tax Returns
Utah State Tax Commission
160 E. 300 S
Salt Lake City, Utah 84134-0550

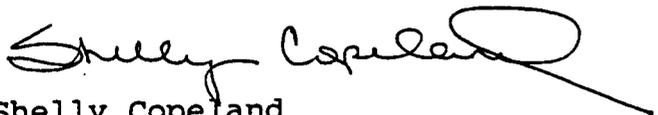
**RECEIVED BY
Auditing Division**

Dear Sirs:

Please be advised that effective with September 91, sales Arch Oil no longer owns or operators any Utah wells. We sold our interest to Bonneville Fuels Corporation, 1660 Broadway Suite 1110, Denver Co 80202.

N5685
If you have any further questions concerning this matter, please let me know.

Sincerely,



Shelly Copeland
Revenue Department
(915) 686-6467

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

6. Lease Designation and Serial Number

U-8361

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well

- Oil Well Gas Well Other (specify)

9. Well Name and Number

Federal 16-4-15S-23E

2. Name of Operator

Bonneville Fuels Corporation

10. API Well Number

43-047-31111

3. Address of Operator

1660 Lincoln Street, Ste 1800, Denver, CO 80264

4. Telephone Number

(303) 863-1555

11. Field and Pool, or Wildcat

Wildcat

5. Location of Well

Footage : 707' FNL, 662' FEL
QQ, Sec. T., R., M., NE 1/4, T15S R23E 6th PM

County Uintah

State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|-----------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

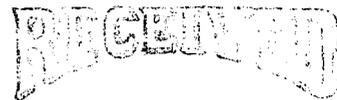
Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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 is shut-in waiting on pipeline connection & improved gas market conditions.



FEB 05 1992

DIVISION OF
OIL GAS & MINING

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

Name & Signature Doris Maly

Title Engineering Tech.

Date 1/30/92

(State Use Only)



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

RECEIVED

• ATTN SUSAN SEYEDAN
 ARCH OIL & GAS COMPANY
 PO BOX 2499
 MIDLAND TX 79702

MAR 12 1992

DIVISION OF OIL GAS & MINING

Utah Account No. NO405

Report Period (Month/Year) 2 / 92

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
✓ PINE SPRING UNIT #1 4304730284 00595 14S 22E 15	DKTA				
✓ MAIN CYN 11-10-15-23 4304730639 08045 15S 23E 10	CSLGT				
✓ MAIN CYN 15-8-15-23 4304730674 08045 15S 23E 8	DKTA				
✓ MAIN CYN 2-8-15-23 4304730735 08045 15S 23E 8	DKTA				
✓ MAIN CYN 7-17-15-23 4304730736 08045 15S 23E 17	DKTA				
✓ MAIN CYN 8-7-15-32 4304730977 08045 15S 23E 7	DKTA				
✓ MAIN CYN 4-4-15-23 4304731043 08045 15S 23E 4	DKTA				
✓ MAIN CYN 6-8-15-23 4304731073 08045 15S 23E 8	CSLGT				
✓ MAIN CYN 16-4-15-23 4304731111 08045 15S 23E 4	DKTA				
DRY BURN UNIT #1 4304730331 08050 13S 25E 29	MNCS				
✓ CROOKED CYN 13-17-14-23 4304730619 08055 14S 23E 17	DKTA				
✓ SWEETWATER CYN #1 4304730460 08060 14S 24E 14	MNCSB				
✓ SWEETWATER 6-13-14-24 4304731040 08060 14S 24E 13	DKTA				
TOTAL					

Dry Burn Unit - Not approved as of 3-24-92.

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

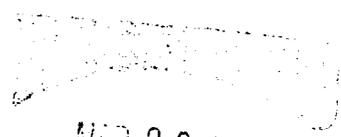
ROUTING AND TRANSMITTAL SLIP

Date

TO: (Name, office symbol, room number, building, Agency/Post)		Initials	Date
1.	Lisha Romero		
2.			
3.			
4.			
5.			

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS


 MAR 20 1982
 DIVISION OF
 CAL GAS SERVICE

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
	Phone No. 789-1362

Sally Vernal BLM
5041-102

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.208

Routing:	
1- LCR 7-104	✓
2- DTS/DJ	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- ADA	✓

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: 8-31-91)

TO (new operator)	<u>BONNEVILLE FUELS CORPORATION</u>	FROM (former operator)	<u>ARCH OIL & GAS COMPANY</u>
(address)	<u>1660 LINCOLN ST., STE 1800</u>	(address)	<u>1512 LARIMER ST., STE 300</u>
	<u>DENVER, CO 80264</u>		<u>DENVER, CO 80202</u>
	<u>GREG TWOMBLY, PRES.</u>		<u>LEE MCCOLLUM, V.P.</u>
	<u>phone (303) 863-1555</u>		<u>phone (303) 573-6179</u>
	<u>account no. N5685</u>		<u>account no. N0405</u>

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

Name: <u>*SEE ATTACHED*</u>	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-13-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 9-13-91)
- 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: _____.
- 3 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.
- 3 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-24-92)
- 3 6. Cardex file has been updated for each well listed above. (3-24-92)
- 3 7. Well file labels have been updated for each well listed above. (3-24-92)
- 3 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-24-92)
- 3 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) no (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.

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____.

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.
memo sent 5/19/92

MICROFILMING

1. All attachments to this form have been microfilmed. Date: May 26 1992.

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.

* 3 wells - Still Arch Oil & Gas - will be handled on separate change.

REMARKS

- 110918 Btm / Vernal "No doc. as of yet." 920320 Btm Approved non unit wells on 3-16-92.
- 111024 Btm / Vernal - "Not approved as of yet."
- 111101 Btm / S.L. Unit operator from Arch Oil & Gas to Bonneville Fuels eff. 10-30-91. Involves middle Canyon Unit, Trapp Springs Unit, Rat Hole Unit, and Black Horse Canyon Unit.
- 11125 Btm / S.L. (Pine Springs Unit, Dry Burn Unit, and Sweetwater Canyon Unit - Not approved)
- 11134-35 Btm / Vernal - Wells not in units - not approved as of yet.
- 111203 Btm / S.L. Unit operator from Arch Oil & Gas to Bonneville Fuels "Pine Springs Unit & Sweetwater Canyon Unit"

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

6. Lease Designation and Serial Number
U-8361
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
Main Canyon 16-4-15S-23E

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify)
2. Name of Operator
Bonneville Fuels Corporation
3. Address of Operator
1660 Lincoln, Ste 1800
4. Telephone Number
(303) 863-1555

9. Well Name and Number
10. API Well Number
4304731111
11. Field and Pool, or Wildcat
Main Canyon

5. Location of Well
Footage : **Denver, CO 80209** → **4-15S-23E**
County : **Uintah, UT**
OO, Sec. T., R., M. : **707' FNL, 662' FEL**
State : **UTAH**

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletlon
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start NA

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Annual Status
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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 is shut-in waiting on pipeline hookup and improved gas market conditions

RECEIVED

MAR 16 1993

DIVISION OF
OIL GAS & MINING

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

Name & Signature Doris Maly Title Engineering Tech. Date 3/12/93
(State Use Only)

OPERATOR BONNEVILLE FUELS CORPORATION

OPERATOR ACCT. NO. N5685

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	08045	11605	43-047-30639	MAIN CYN 11-10-15-23	SENW	10	15S	23E	UINTAH	10-21-80	1-12-94
WELL 1 COMMENTS: *DOGM REVIEW-MAIN CANYON UNIT TERMINATED 7-13-88. COMMON UNIT ENTITY 08045 NO LONGER APPLIES. (OPERATOR NOTIFIED OF CHANGE)											
D	08045	11606	43-047-31073	MAIN CYN 6-8-15-23	NESW	8	15S	23E	UINTAH	9-13-81	1-12-94
WELL 2 COMMENTS:											
D	08045	11608	43-047-31111	MAIN CYN 16-4-15-23	NENE	4	15S	23E	UINTAH	5-3-82	1-12-94
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

1-12-94

Date

Phone No. () _____

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

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number <i>11608</i>
		7. Indian Allottee or Tribe Name
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		8. Unit or Communitization Agreement
2. Name of Operator <i>Bonneville Fuels Corporation</i>		9. Well Name and Number <i>Main Canyon 16-4-15-23</i>
3. Address of Operator <i>1660 Lincoln Street; Suite 2200; Denver, CO 80264</i>	4. Telephone Number <i>(303) 863-1555</i>	10. API Well Number <i>4304731111</i>
5. Location of Well Footage : <i>707' FNL 662' FEL</i> QQ, Sec. T., R., M : <i>SWNE NE Sec 4-T15S-R23E</i>		11. Field and Pool, or Wildcat <i>Main Canyon</i>
		County : <i>Uintah</i> State : <i>Utah</i>

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u><i>Request Extension of Current Well Status</i></u></td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u><i>Request Extension of Current Well Status</i></u>		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><small>Report results of Multiple Completions and Recompletions to different reservoir on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Response to State of Utah letter dated 2/19/99: SIITA Well Compliance Review. Subject well is currently shut-in waiting for pipeline connection and improved gas marketing conditions. Last IP test was 668 MCFD. BFC requests an extension of the current well status until gas market conditions improve. BFC offers the following explanation and supporting data to show the well has mechanical integrity: 1) Base of "Moderately Saline Ground Water" is approximately 3338' (Tech Pub 92--State of Utah, Dept of Natural Resources). This water is protected by Surface Casing (9-5/8" @ 300' w/ 180 Sx Cement), Intermediate Casing (7" @ 4990' w/ 175 Sx Cement) and Production Casing (4-1/2" @ 8833' w/ 300 Sx Cement) 2) Surface equipment has been inspected and is in sound working condition with no detectable leaks. 3) Offset wells have exhibited no visible corrosion in downhole equipment when pulled. 4) Wellhead pressure is 1300 psig and has been stable, indicating no underground leakage. BFC hereby states that the well is not a risk to public health and safety or to the environment and respectfully requests an extension of the current well status.

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

Name & Signature *Thomas E. Bowman* Title *Operations Manager* Date *06/10/99*

(State Use Only)

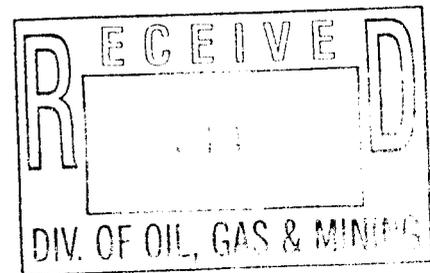
Accepted by the
 Utah Division of
 Oil, Gas and Mining

(8/90)

Date: *6-21-99*
 By: *RJK*

COPY SENT TO OPERATOR
 DATE: *6-22-99*
 BY: *RJK*

See Instructions on Reverse Side



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

6. Lease Designation and Serial Number <i>U-8361</i>
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number <i>Federal 16-4-15-23</i>
10. API Well Number <i>4304731111</i>
11. Field and Pool, or Wildcat <i>Main Canyon</i>

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify) ?

2. Name of Operator
Bonneville Fuels Corporation

3. Address of Operator
1700 Broadway, Suite 1150, Denver, CO 80290

4. Telephone Number
303-863-1555

5. Location of Well
 Footage : 707' FNL 662' FEL County : *Uintah*
 QQ, Sec. T., R., M : NENE Sec 4-T15S-R23E State : *Utah*

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

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <i>1st Production</i>	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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 advise you the above referenced well was turned down the sales line on June 21, 2000.

RECEIVED
 JUN 26 2000
 DIVISION OF
 OIL, GAS AND MINING

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

Name & Signature *Sandra Brown* *Sandra Brown* Title *Engineering Tech* Date *06/22/00*

(State Use Only)



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:
3106
U-04967-C et al
(UT-924)

AUG 19 2002

NOTICE

Carbon Energy Corporation (USA) : Oil and Gas Leases
1700 Broadway, Suite 1150 :
Denver, Colorado 80290 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Bonneville Fuels Corporation to Carbon Energy Corporation (USA) on Federal oil and gas leases. For our purposes, the name change is recognized effective July 11, 2002, the date of acceptance by the Secretary of State of Colorado.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the 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 interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on the statewide oil and gas bonds BLM Bond Nos. CO0743, MT1085, NM1755, and UT0604 automatically changed by operation of law from Bonneville Fuels Corporation to Carbon Energy Corporation (USA).

If you identify additional leases affected by the name change, please contact this office and we will document the files under our jurisdiction with a copy of this notice. If the leases are under the jurisdiction of another State Office, we will notify them.

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AUG 20 2002

**DIVISION OF
OIL, GAS AND MINING**

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure

Exhibit of Leases

cc: MMS-MRM, MS357B1, Box 5760, Denver, CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-922)
Connie Seare (UT-924)
Joe Incardine (UT-921)
Vernal Field Office
Moab Field Office
Price Field Office
San Juan Field Office
All State Offices

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AUG 20 2002

DIVISION OF
OIL, GAS AND MINING

PCN : OG214P1
RUN TIME: 10:59

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
PROPRIETOR INDEX

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RUN DATE:

<u>PROPRIETOR NAME</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>ST</u>	<u>ZIP</u>	<u>CAT</u>	<u>INTEREST RELATIONSHIP</u>	<u>CASE TYPE</u>	<u>SERIAL NUMBER</u>	<u>CASE DISP</u>		
BONNEVILLE FUELS CORP	1700 BROADWAY #1150	DENVER	CO	80290	C	APPLICANT	314088	UTU---060566	PENDING		
								UTU---060567	PENDING		
								UTU---060568	PENDING		
								UTU---060569	PENDING		
								UTU---060570	PENDING		
								UTU---067827	PENDING		
								LESSEE	311111	UTU---003716A	AUTHORIZED
										UTU---006613	AUTHORIZED
										UTU---006614	AUTHORIZED
										UTU---006618	AUTHORIZED
										UTU---006635	AUTHORIZED
										UTU---006636	AUTHORIZED
										UTU---006841	AUTHORIZED
										UTU---008971	AUTHORIZED
										UTU---009063	AUTHORIZED
					UTU---009099	AUTHORIZED					
					UTU---010132	AUTHORIZED					
					UTU---010133	AUTHORIZED					
					UTU---010152	AUTHORIZED					
					UTU---010173	AUTHORIZED					
					UTU---010180	AUTHORIZED					
					UTU---010181	AUTHORIZED					
					UTU---010182	AUTHORIZED					
					UTU---010198	AUTHORIZED					
					UTU---010199	AUTHORIZED					
					UTU---010272	AUTHORIZED					
					UTU---010274	AUTHORIZED					
UTU---010827	AUTHORIZED										
UTU---010832	AUTHORIZED										
UTU---010834	AUTHORIZED										
UTU---027413	AUTHORIZED										
UTU---038070	AUTHORIZED										
UTU---038071	AUTHORIZED										
UTU---038072	AUTHORIZED										

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								UTU---038073	AUTHORIZED
								UTU---038076	AUTHORIZED
								UTU---045931	AUTHORIZED
								UTU---0004967C	AUTHORIZED
							311211	UTU---008351	AUTHORIZED
								UTU---008358	AUTHORIZED
								UTU---008359	AUTHORIZED
								UTU---008361	AUTHORIZED
								UTU---009211	AUTHORIZED
								UTU---015878	AUTHORIZED
								UTU---018442	AUTHORIZED
								UTU---028562	AUTHORIZED
								UTU---030112	AUTHORIZED
								UTU---031743	AUTHORIZED
							312011	UTU---038362	AUTHORIZED
								UTU---045933	AUTHORIZED
								UTU---052030	AUTHORIZED
							314011	UTU---059581	AUTHORIZED
						OPERATING RIGHTS	311111	UTU---006614	AUTHORIZED
								UTU---006618	AUTHORIZED
								UTU---006635	AUTHORIZED
								UTU---006636	AUTHORIZED
								UTU---006841	AUTHORIZED
								UTU---008971	AUTHORIZED
								UTU---010152	AUTHORIZED
								UTU---010180	AUTHORIZED
								UTU---010181	AUTHORIZED
								UTU---010182	AUTHORIZED
								UTU---010199	AUTHORIZED
								UTU---010272	AUTHORIZED
								UTU---010274	AUTHORIZED
								UTU---010827	AUTHORIZED
								UTU---010834	AUTHORIZED
								UTU---027413	AUTHORIZED

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								UTU---038071	AUTHORIZED
								UTU---038072	AUTHORIZED
								UTU---038073	AUTHORIZED
								UTU---0004967C	AUTHORIZED
							311211	UTU---002836	AUTHORIZED
								UTU---002837	AUTHORIZED
								UTU---002838	AUTHORIZED
								UTU---008351	AUTHORIZED
								UTU---008358	AUTHORIZED
								UTU---008359	AUTHORIZED
								UTU---010423	AUTHORIZED
								UTU---015878	AUTHORIZED
								UTU---031743	AUTHORIZED
							312011	UTU---016913	AUTHORIZED
								UTU---038362	AUTHORIZED
								UTU---045933	AUTHORIZED
								UTU---052030	AUTHORIZED
							314011	UTU---059581	AUTHORIZED
						OPERATOR	318210	UTU---063053X	AUTHORIZED
								UTU---063056X	AUTHORIZED
								UTU---063057X	AUTHORIZED
								UTU---063059X	AUTHORIZED
								UTU---063060X	AUTHORIZED
								UTU---063062X	AUTHORIZED
							318230	UTU---063053B	AUTHORIZED
								UTU---063053O	AUTHORIZED
								UTU---063056A	AUTHORIZED
								UTU---063057A	AUTHORIZED
								UTU---063057B	AUTHORIZED
								UTU---063057D	AUTHORIZED
								UTU---063057E	AUTHORIZED
								UTU---063057O	AUTHORIZED
								UTU---063059A	AUTHORIZED
								UTU---063060B	AUTHORIZED

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								UTU---0630600	AUTHORIZED
								UTU---063062A	AUTHORIZED
								UTU---0630620	AUTHORIZED

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OIL, GAS AND MINING

Wells to have Operator Name Changed State of Utah
Carbon Energy Corporation (USA)

API Number	Well Name	Footage	Sec	Twp	Rge	Field	County	Lease #	Entity #
4301930136	ANDERSON FED 2	1159 FSL, 1462 FWL	12	16S	24E	East Canyon	Grand	UTU04967C	00583
4301930955	FEDERAL 24-1	726 FNL 2165 FEL	24	16S	24E	East Canyon	Grand	U-38362	00588
4304730284	PINE SPRING UNIT 1	1982 FWL 1980 FSL	15	14S	22E	Pine Springs	Uintah	U-27413	00595
4304730331	DRY BURN U 1	1447' FSL, 1389' FEL	29	13S	25E	Wildcat	Uintah	U-10184	08050
4304730619	CROOKED CANYON 13-17-14-23	683' FWL, 537' FNL	17	14S	23E	Wildcat	Uintah	UTU6613	08055
4304731040	SWEETWATER 6-13-14-24	1855' FWL, 2206' FSL	13	14S	24E	Sweetwater	Uintah	U-10132	08060
4304730460	SWEETWATER CANYON 1	718' FWL, 2132' FNL	14	14S	24E	Sweetwater	Uintah	U-10133	08060
4304730622	WOLF UNIT 3-11-15-21	1909' FWL, 994' FSL	11	15S	21E	Wolfpoint	Uintah	U6618	08065
4304731104	BLACK HORSE 12-8-15-24	612' FWL, 1934' FNL	8	15S	24E	Wildcat	Uintah	U-2836	08070
4304731045	BLACK HORSE 14-15-15-24	2156' FWL, 772' FNL	15	15S	24E	Wildcat	Uintah	UTU2837	08070
4304731137	FEDERAL 5-13-15-21	1976 FSL 661 FWL	13	15S	21E	Wolfpoint	Uintah	U-30112	08071
4304731027	FEDERAL 6-14-15-21	1980' FWL, 1977' FSL	14	15S	21E	Wolfpoint	Uintah	U-10173	08072
4304731071	FEDERAL 7-15-15-21	1817' FSL, 1657' FEL	15	15S	21E	Wolfpoint	Uintah	U-6618	08073
4304731091	FEDERAL 2-18-15-22	1927' FEL, 687' FSL	18	15S	22E	Wolfpoint	Uintah	U-30112	08077
4304730975	TRAPP SPRINGS 1-25-14-23	456' FSL, 1198' FEL	25	14S	23E	Main Canyon	Uintah	U-38073	08081
4304731041	TRAPP SPRINGS 16-25-14-23	838' FNL, 800' FEL	25	14S	23E	Main Canyon	Uintah	U-38073	08081
4304731003	TRAPP SPRINGS 3-26-14-23	1058' FLS, 1627' FWL	26	14S	23E	Main Canyon	Uintah	U-38071	08081
4304730791	TRAPP SPRINGS 6-35-14-23	2610 FWL 1500 FSL	35	14S	23E	Wildcat	Uintah	U-32572	08081
4304731042	PINE SPRINGS 7-21-14-22	2410 FEL 2210 FSL	21	14S	22E	Pine Springs	Uintah	U-10199	08086
4304731063	PINE SPRINGS 8-20-14-22	2039 FSL 689 FEL	20	14S	22E	Pine Springs	Uintah	U-10199	08086
4301931072	MAIN CANYON 6-3-15-23	2107' FWL, 2153' FSL	3	15S	23E	Main Canyon	Uintah	U-8361	08245
4304731077	FEDERAL 1-34	1797 FSL 800 FEL	34	16S	24E	Bryson Canyon	Grand	U-52030	09280
4301931078	FEDERAL 2-34	905 FSL 1533 FWL	34	16S	24E	Bryson Canyon	Grand	U-52030	09285
4304730332	FEDERAL 10-23-14S-24E (1-L-23)	1322' FNL, 1815' FEL	23	14S	24E	Sweetwater	Uintah	U-10133	09560
4304730325	RAT HOLE CANYON 1	2156' FSL, 1993' FEL	8	14S	25E	Wildcat	Uintah	U-3716A	09565
4304731096	PINE SPRINGS 9-12-14-21	1848 FNL 686 FEL	12	14S	21E	Pine Springs	Uintah	U-10272	10772
4304731348	FEDERAL 12-18-14-22	566 FWL 2305 FNL	18	14S	22E	Pine Springs	Uintah	U-6841	10772
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah	U-27413	10773
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah	U-27413	10773
4304730582	TRAPP SPRINGS 4-25-14-23	717 FWL 695 FSL	25	14S	23E	Main Canyon	Uintah	U-38073	10894
4304730944	MAIN CANYON 8-36-14-23	2018' FSL, 597' FEL	36	14S	23E	Main Canyon	Uintah	ML-18667	10895
4304730248	BLACK HORSE 2	555' FEL, 528' FSL	29	15S	24E	Wildcat	Uintah	U2838	10897
4304730674	MAIN CANYON 15-8-15-23	1058 FNL 2348 FEL	8	15S	23E	Main Canyon	Uintah	U-9211	11598
4304730735	MAIN CANYON 2-8-15-23	827 FSL 1715 FEL	8	15S	23E	Main Canyon	Uintah	U-9211	11599
4304730736	MAIN CANYON 7-17-15-23	1605 FEL 1941 FSL	17	15S	23E	Main Canyon	Uintah	U-8359	11600
4304730977	MAIN CANYON 8-7-15-32	1827' FSL, 649' FEL	7	15S	23E	Main Canyon	Uintah	U-9211	11601
4304731043	MAIN CANYON 4-4-15-23	376 FWL 923 FSL	4	15S	23E	Main Canyon	Uintah	U-8361	11602



Carbon Energy Corporation
Carbon Energy Corporation (USA)
CEC Resources Ltd.

8/30/02

State of Utah
Attn: Jim Thompson
Department of Natural Resources
Division of Oil Gas & Mining.
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Corporate Name Change

Dear Mr Thompson

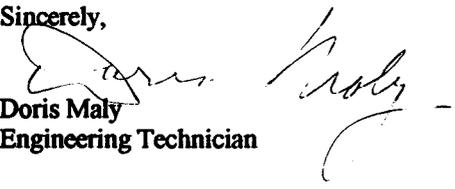
Enclosed find Sundry (Form 9) with a list of wells for the corporate name change reflecting Carbon Energy Corporation (USA) replacing Bonneville Fuels Corporation, and a revised "Annual Waste Management Plan for Calendar Year 2002"

The Department of Commerce gave me the file number for the approved "Amending Authority to Conduct Affairs or Registration" file # 974912-0143.

The Utah state bonds are under # CD 1101292002 and CD 1101743005.

If you require any further information about our name change, please contact me at the number below.

Sincerely,


Doris Maly
Engineering Technician

Encl. 2

RECEIVED

SEP 03 2002

DIVISION OF
OIL, GAS AND MINING

1700 Broadway, Suite 1150, Denver, Colorado 80290 / (303) 863-1555 / Facsimile (303) 863-1558

1750, 530-8th Avenue, S.W., Calgary, Alberta T2P 3S8 / (403) 265-7605 / Facsimile (403) 262-8167

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

6. Lease Designation and Serial Number <i>See Attached List</i>
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number <i>See Attached List</i>
10. API Well Number <i>See Attached List</i>
11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify) ?

2. Name of Operator
Carbon Energy Corporation (USA)

3. Address of Operator
1700 Broadway, Suite 1150 Denver, CO 80290

4. Telephone Number
303 863-1555

5. Location of Well
 Footage : _____
 QQ, Sec, T., R., M : *See Attached List* County : _____
 State : *Utah & Grand County*

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

NOTICE OF INTENT
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <i>Change of Operator Name</i>	

Date of Work Completion *Effective 7/11/02*

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Bonneville Fuels Corporation has changed its corporate name to Carbon Energy Corporation (USA) effective 7/11/02
The State of Utah Department of Commerce has issued an amendment of Authority to Conduct Affairs and issued file number 974912-0143.
 Signed: *Todd A. McDonald* *Todd A. McDonald*
VP Operations & Exploration

Carbon Energy Corporation (USA), formerly Bonneville Fuels Corp., is now the operator of the attached list of wells, please correct your records to reflect this name change. All other information remains the same.

RECEIVED

SEP 03 2002

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

Name & Signature *Todd A. McDonald* *Todd A. McDonald* Title *VP Operations & Exploration* *Todd A. McDonald*

DIVISION OF
OIL, GAS AND MINING

(State Use Only)

Wells to have Operator Name Changed State of Utah
Carbon Energy Corporation (USA)

API Number	Well Name	Footage	Sec	Twp	Rge	Field	County	Lease #	Entity #
4304730639	MAIN CANYON 11-10-15-23	1623 FWL 2288 FNL	10	15S	23E	Main Canyon	Uintah	U-8361	11605
4304731073	MAIN CANYON 6-8-15-23	1969' FWL, 1978' FSL	8	15S	23E	Main Canyon	Uintah	U-9211	11606
4304731111	MAIN CANYON 16-4-15-23	1980' FWL, 1977' FSL	4	15S	23E	Main Canyon	Uintah	U-8361	11608
4304731135	STATE 8-2-15-22	1896 FSL 625 FEL	2	15S	22E		Uintah	ML-22320	8076
4304730746	STATE 11-2-15-22	1975 FNL 1935 FWL	2	15S	22E		Uintah	ML-22320	8074

RECEIVED
SEP 03 2002
DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW ✓
3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 07-11-2002	
FROM: (Old Operator):	TO: (New Operator):
BONNEVILLE FUELS CORPORATION	CARBON ENERGY CORPORATION (USA)
Address: 1700 BROADWAY, STE 1150	Address: 1700 BROADWAY, STE 1150
DENVER, CO 80290	DENVER, CO 80290
Phone: 1-(303)-863-1555	Phone: 1-(303)-863-1555
Account No. N5685	Account No. N2225

CA No.

Unit:

WELL(S) NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
PINE SPRINGS 13-26-14-22	26-14S-22E	43-047-31074	10773	FEDERAL	GW	P
CROOKED CYN 13-17-14-23	17-14S-23E	43-047-30619	8055	FEDERAL	GW	P
TRAPP SPRINGS 16-25-14-23	25-14S-23E	43-047-31041	8081	FEDERAL	GW	P
TRAPP SPRINGS 1-25-14-23	25-14S-23E	43-047-30975	8081	FEDERAL	GW	P
TRAPP SPRINGS 3-26-14-23	26-14S-23E	43-047-31003	8081	FEDERAL	GW	S
TRAPP SPRINGS 6-35-14-23	35-14S-23E	43-047-30791	8081	FEDERAL	GW	P
WOLF UNIT 3-11-15-21	11-15S-21E	43-047-30622	8065	FEDERAL	GW	S
FEDERAL 5-13-15-21	13-15S-21E	43-047-31137	8071	FEDERAL	GW	S
FEDERAL 6-14-15-21	14-15S-21E	43-047-31027	8072	FEDERAL	GW	S
FEDERAL 7-15-15-21	15-15S-21E	43-047-31071	8073	FEDERAL	GW	S
STATE 8-2-15-22	02-15S-22E	43-047-31135	8076	STATE	GW	S
STATE 11-2-15-22	02-15S-22E	43-047-30746	8074	STATE	GW	S
FEDERAL 2-18-15-22	18-15S-22E	43-047-31091	8077	FEDERAL	GW	S
MAIN CYN 6-3-15-23	03-15S-23E	43-047-31072	8245	FEDERAL	GW	P
MAIN CYN 4-4-15-23	04-15S-23E	43-047-31043	11602	FEDERAL	GW	P
MAIN CYN 16-4-15-23	04-15S-23E	43-047-31111	11608	FEDERAL	GW	P
MAIN CYN 8-7-15-23	07-15S-23E	43-047-30977	11601	FEDERAL	GW	P
MAIN CYN 2-8-15-23	08-15S-23E	43-047-30735	11599	FEDERAL	GW	P
MAIN CYN 6-8-15-23	08-15S-23E	43-047-31073	11606	FEDERAL	GW	P
MAIN CYN 15-8-15-23	08-15S-23E	43-047-30674	11598	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 09/03/2002
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 09/03/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 09/03/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 974912-0143
5. If **NO**, the operator was contacted on: N/A

6. (R649-9-2)Waste Management Plan has been received on: 09/03/2002

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/11/2002

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 07/11/2002

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 09/04/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/04/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 1101290002

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0604

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

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

5. Lease Serial No.
U-8361

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Main Canyon 16-4-15-23

9. API Well No.
4304731111

10. Field and Pool, or Exploratory Area
Main Canyon

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Carbon Energy Corporation (USA)

3a. Address
1700 Broadway, Suite 1150, Denver, CO 80290

3b. Phone No. (include area code)
303-785-2613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
707' FNL, 662' FEL, SWNE, Sec 4-T15S-R23E

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"/> 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 checked="" type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Abandon Non-Economic Dakota Fm. (8,489' - 8,579': OA) & Recomplete to Test the Niobrara Fm. Fracture Zone:

- MIRU PU. Blow-Down or Kill Well. ND Tree & NU BOPE. POOH w/ tubing.
- RU WL Unit & Set CIBP @ 8,210' (CBL 1st Stg TOC @ 7955'). Dump Bail 2 sx. cmt on plug: Est TOC @ 8,185' inside 4-1/2" Csg.
- RIH to 7,480'. Load & test casing to 1000# for 30 min w/ 4% KCl water. Swab well down to 5,200'. POOH w/ tubing.
- RIH w/ Tubing Conveyed Propellant Perforating System w/ Perf. Pup Jt. & SN. Space-Out w/ GR Log. ND BOPE & NU Tree.
- Drop Bar & Perforate Niobrara Fm. Fracture Zone @ 7,470' - 7,480' w/ Tubing Conveyed Propellant Perforating System.
- Flow Test & Evaluate Niobrara Fracture Zone. Acidize if necessary. Turn over to production ASAP. RDMO PU if successful.
- Construct Tank Battery & Install Meter Facility while evaluating this interval.

Abandon Non-Economic Niobrara Fm. Fracture Zone if necessary (7,470' - 7,480': OA).

Recomplete Well as a Mancos 'B' Fm. Producer:

- Notify BLM & State of Utah of failure to secure economic production from the Niobrara Fracture Zone (7,470' - 7,480': OA).
- Blow-Down or Kill Well. ND Tree & NU BOPE. POOH w/ tubing.
- RU WL Unit & Set CIBP @ 7,300' (CBL 2nd Stg TOC @ 6,800'). Dump Bail 2 sx. cmt on plug: Est TOC @ 7,275' inside 4-1/2" Csg.
- RU Pipe Recovery Unit & Free Point 4-1/2" casing. RIH & Jet Cut Casing as close to 6,800' TOC as practical. RD WL Unit.
- C/O 2-3/8" Tbg Rams to 4-1/2" Csg Rams in BOP. PU Spear & Engage 4-1/2" Casing. Release slips.
- RU Casing Crew & POOH & LD 4-1/2" casing. RD Casing Crew. Dig & Line a temporary cementing pit w/ 30-mil liner.
- C/O 4-1/2" Csg Rams to 2-3/8" Tbg Rams in BOPE. PU 6-1/4" Bit & 3-1/8" DC & RIH: Circ. Hole @ TO 4-1/2" stub. POOH & LD BH.
- C/O 2-3/8" Tbg Rams to 4-1/2" Csg Rams in BOP. RU Csg. Crew & Run New 4-1/2" 11.6" N-80 LT&C Casing to TO 4-1/2" Csg Stub.
- RD Casers & RU Cementers. Cement 4-1/2" Casing to surface as follows (calculated from OH Log Volumes):
Lead Slurry: 5000' to Surface: 140 sx. Class 'C' + 16% Gel + 3% KCl + 0.5% Sodium Meta-Silicate @ 11.0 PPG (3.93 cu. ft./sx.)
Tail Slurry: 6800' - 5000': 165 sx. Class 'G' + 10% Gypsum + 3% KCl + 1/4#/sx. Cello-Seal @ 14.2 PPG (1.60 cu. ft./sx.)
Displace w/ 105 Bbl. 4% KCl water. Release Cementers.
- ND BOPE. Land Casing w/ As-Cemented Weight on Slips. Make finished cut on casing. NU Tubinghead. WOC 24 Hrs. Min.
- NU BOPE. RU WL Unit. RIH & Run CBL f/ PBD to 4950'. Pressure test casing to 3000# f/ 30 min. RD WL Unit.
- RIH w/ 2-3/8" tubing. Swab well down to 4,500'. POOH w/ tubing.
- RU WL Unit. RIH & Perforate Mancos 'B' Fm. @ 5477' - 5492' w/ 4 SPF @ 120 deg. Phasing (61 Holes). RD WL Unit.
- RU Frac Crew. Frac Mancos 'B' Fm. 5477' - 5492' (OA) w/ 150,000# 16/30 mesh sand in 78,500 Gallons 30# Gelled Fluid w/ 111 Tons CO2 & RA Tracers. Flow back frac immediately. Use Forced Closure Technique. RD Frac Crew.
- Blow-Down or Kill Well as necessary. RIH w/ 2-3/8" Tubing & clean-out to 5700'. PU & Land Tbg. @ 5465'.
- Swab & flow well to clean-up. Turn Over To Production. RDMO PU. Clean-out cementing pit and back-fill same.
- Run Post-Frac Tracer Survey to determine height of fracture in Mancos created by frac job.

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

Name (Printed/Typed) R. A. Schwering, P.E.	Title Production Manager
Signature <i>R. A. Schwering</i>	Date June 13, 2003

THIS SPACE FOR FEDERAL OR STATE USE

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

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

(Instructions on reverse)

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

Date: 6/23/03
By: [Signature]

**Federal Approval Of This
Action Is Necessary**

COPY SENT TO OPERATOR
Date: 6-24-03
Initials: CHD

RECEIVED

JUN 16 2003

DIV. OF OIL, GAS & MINING

Main Canyon Fed.
#16-4-15s-23c

KRB = 17455'

Wellbore Schematic

12 3/4" Hole →
Cmt.: 180 sx Class 'G'
9 5/8" @ 300' →
8 3/4" Hole →

Poss. Lvl. Csg. Leaker (Collar)
@ ± 39' B

Got To Poz @ 3750' →
Cmt.: 125 sx. 50/50 Pozmix 'H'
+ 50 sx. Class 'H'

Calc To 'H' @ 4700' →

7" @ 4991' →
TO @ 4995' →
6 1/4" Hole →

2 3/8" Tubing →
225 JTs,
1.81" F-L Nipple
1 JT.
N.C. @ 5423'

Tight Casing @ 6772'
Looks like stuck pipe
Cmt.: 2nd Stage:
150 sx. Class 'H' + 5% KCl
w/ Hole in Csg @ 4300'
Cmt.: 2nd Trip:
150 sx. Thick Ad. 'H' + 10% KCl + 5% KCl

O.V. @ 764' →
O.V. Never Closed Properly
Drilled-Out

CBL TOC @ 7955' →

Cmt.: 1st Stage:
150 sx. 'H' + 5% KCl
Exc. Bond

PAD: Cmt. to 8650'
F.C. @ 8802'
4 1/2" 11.5# N-80 @ 8831'

Possible Morrison
Fractured Pay
8742' - 8760'

Casing Picked & Reamed
Prior to Face @ 51'

Surveys:

- 1" @ 894'
- 1/2" @ 1310'
- 3/4" @ 2969'
- 3/4" @ 4014'
- 2 3/4" @ 4994'
- 3" @ 5,753'
- Hole Wet @ 5,794'
- Misting ↓ 4" @ 6,211'
- 5" @ 6,428'
- 8" @ 6,923'
- 8" @ 7,420'
- 7 1/2" @ 7,521'
- Mud-Up @ 7,471'
- DST #1: 1600 MCFD
- Noabrara Fractures
7530' - 7550'
- 5 3/4" @ 8,100'
- 5 1/2" @ 8,515'
- 5" @ 8,607'
- 5" @ 8,835'

MV Coals & Sands
w/ show

3550' →
Top 2 Shows
above Prob. Cmt.

← Most of Shows
should be well-converted
4200'

Mancos 'B' Sands:
Looks like
5470' - 5500' Best
5520' - 5540'
5576' - 5596'

± 500 BW put into
N. above before complete

Noabrara Pnts 7482' - 7482'
Tested Damaged

Squeeze w/ 20 sx. 'H'
After Test

← Squeeze w/ 22 sx. 'H'
Squeeze Pnts @ 7450': 2 holes
Squeeze Pnts @ 7445': 2 holes
Squeeze Pnts @ 7604': 2 holes

← ROC @ 7490'

Suspect Mist. of Frac & Prod.
in/From "D" Sand

Frac: 220K @ 20/40 Sand

Dakota 'D': 8429/95/98/8502/64/06/02/516

Dakota 'D': 8574/76/78/8579

90% of Gas fr Dakota 'D'
by landed 151' above pay

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



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

6. Lease Designation and Serial Number U-8361
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Main Canyon 16-4-15-23
10. API Well Number 430473111100
11. Field and Pool, or Wildcat Main Canyon Mancos 'B'
1. Type of Well Gas Well
2. Name of Operator Carbon Energy Corporation (USA)
3. Address of Operator 1700 Broadway, Suite 1150, Denver CO 80290
4. Telephone Number 303-785-2604
5. Location of Well Footage: 707' FNL, 662' FEL; County: Uintah; State: UT

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)
SUBSEQUENT REPORT (Submit Original Form Only)
Abandonment, Casing Repair, Change of Plans, Conversion to Injection, Fracture Treat, Multiple Completion, Other
New Construction, Pull or Alter Casing, Recompletion, Shoot or Acidize, Vent or Flare, Water Shut-Off
Other Status of recompletion
Date of Work Completion 8/1/03
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU 7/2/03. POOH w/ 2 3/8" tbg. Ran GR log 8450-6900'. 7/12/03 Ran 4 1/2" CIBP & set @ 8450'. Dump bailed 2 sx cmt on top of CIBP. Tested csg to 1000 psi, bled off to 60 psi in 30 min. 7/15/03 Perforate Niobrara 7470'-7480' w/ 4 spf, total of 41 0.34" holes. Swab test Niobrara perms. Max FTP 5 psi, SICP 40 psi. 7/17/03 Set CIBP @ 7380' & dump bailed 2 sx cmt on top of CIBP. Ran free point on 4 1/2" csg, cut off 4 1/2" csg @ 6734'. POOH, LD 161 jts 4 1/2" 11.6# csg. Tag 4 1/2" csg stub @ 6734' Ran 164 jts 4 1/2" 11.6# csg & landed @ 6714'. Cmt 4 1/2" csg w/ 141 sx Cl-'G' + 16% gel & tailed w/170 sx Cl-'G' cmt + 10% calseal. Did not get cmt to surface. Ran CBL fr 7380 to 4900'. 7/27/03 Perforated Mancos 'B' zone 5477' to 5492' w/ 4 spf, total 61 0.34" holes. Break down perms w/KCL water. Frac Mancos 'B' perms w/ 1,138 bbls fluid, 90 tons of Co2 & 156,020# 20/40 sand. Flow well to clean up. Ran 186 jts 2 3/8" tbg & landed w/ EOT @ 5449'. Turned well to sales line 8/01/03.

14. I hereby certify that the foregoing is true and correct.
Name & Signature Ron Millet [Signature] Title Drilling Manager Date 08/18/03

(State Use Only)

RECEIVED
OCT 14 2003
DIV. OF OIL, GAS & MINING

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

6. Lease Designation and Serial Number
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8. Unit or Communitization Agreement
9. Well Name and Number <i>See Attached List</i>
10. API Well Number
11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT – for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify) ?

2. Name of Operator
Carbon Energy Corporation (USA) N2225

3. Address of Operator
1401 17th Street, Suite 1200, Denver, CO 80202

4. Telephone Number
303 298-8100

5. Location of Well
 Footage :
 QQ, Sec, T., R., M : *See Attached List* County :
 State :

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

NOTICE OF INTENT
 (Submit in Duplicate)

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<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <i>Change of Operator</i>	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective January 1, 2004 Carbon Energy Corporation (USA) transferred operations to Evergreen Operating Corporation for the wells indicated on the attached list.

Change of Operator TO:
 Name & Signature for Evergreen *Scott Zimmerman* *Scott Zimmerman* Title VP Operations & Engineering Date: *N2545*

14. I hereby certify that the foregoing is true and correct.
 Change of Operator FR:
 Name & Signature for Carbon *Todd S. McDonald* *Todd S. McDonald* Title VP Explor. & Prod. Date *01/08/04*

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 DIV. OF OIL, GAS & MINING

Attachment to Form 9							
Wells to have Change of Operator Made - State of Utah							
Carbon Energy Corporation (USA) to Evergreen Operating Corporation							
API Number	Well Name	Footage	Sec	Twp	Rge	Field	County
4304730746	STATE 11-2-15-22	1935' FWL, 1975' FNL	2	15S	22E	Wildcat	Uintah
4304731135	STATE 8-2-15-22	1896' FSL, 625' FEL	2	15S	22E	Wildcat	Uintah
4304731348	FEDERAL 12-18-14-22	566 FWL 2305 FNL	18	14S	22E	Pine Springs	Uintah
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah
4304731074	PINE SPRINGS 13-26-14-22	676 FWL 650 FNL	26	14S	22E	Pine Springs	Uintah
4304730582	TRAPP SPRINGS 4-25-14-23	717 FWL 695 FSL	25	14S	23E	Main Canyon	Uintah
4304730944	MAIN CANYON 8-36-14-23	2018' FSL, 597' FEL	36	14S	23E	Main Canyon	Uintah
4304730248	BLACK HORSE 2 (1-29-15-24)	555' FEL, 528' FSL	29	15S	24E	Wildcat	Uintah
4304730674	MAIN CANYON 15-8-15-23	1058 FNL 2348 FEL	8	15S	23E	Main Canyon	Uintah
4304730735	MAIN CANYON 2-8-15-23	827 FSL 1715 FEL	8	15S	23E	Main Canyon	Uintah
4304730736	MAIN CANYON 7-17-15-23	1605 FEL 1941 FSL	17	15S	23E	Main Canyon	Uintah
4304730977	MAIN CANYON 8-7-15-32	1827' FSL, 649' FEL	7	15S	23E	Main Canyon	Uintah
4304731043	MAIN CANYON 4-4-15-23	376 FWL 923 FSL	4	15S	23E	Main Canyon	Uintah
4304730639	MAIN CANYON 11-10-15-23	1623 FWL 2288 FNL	10	15S	23E	Main Canyon	Uintah
4304731073	MAIN CANYON 6-8-15-23	1969' FWL, 1978' FSL	8	15S	23E	Main Canyon	Uintah
4304731111	MAIN CANYON 16-4-15-23	1980' FWL, 1977' FSL	4	15S	23E	Main Canyon	Uintah
4301930136	ANDERSON FED 2	1159 FSL, 1462 FWL	12	16S	24E	East Canyon	Grand
4301930955	FEDERAL 24-1	726 FNL 2165 FEL	24	16S	24E	East Canyon	Grand
4304730284	PINE SPRING UNIT 1	1982 FWL 1980 FSL	15	14S	22E	Pine Springs	Uintah
4304730331	DRY BURN U 1	1447' FSL, 1389' FEL	29	13S	25E	Wildcat	Uintah
4304730619	CROOKED CANYON 13-17-14-23	683' FWL, 537' FNL	17	14S	23E	Wildcat	Uintah
4304731040	SWEETWATER 6-13-14-24	1855' FWL, 2206' FSL	13	14S	24E	Sweetwater	Uintah
4304730460	SWEETWATER CANYON 1	718' FWL, 2132' FNL	14	14S	24E	Sweetwater	Uintah
4304730622	WOLF UNIT 3-11-15-21	1909' FWL, 994' FSL	11	15S	21E	Wolfpoint	Uintah
4304731104	BLACK HORSE 12-8-15-24	612' FWL, 1934' FNL	8	15S	24E	Wildcat	Uintah
4304731045	BLACK HORSE 14-15-15-24	2156' FWL, 772' FNL	15	15S	24E	Wildcat	Uintah
4304731137	FEDERAL 5-13-15-21	1976 FSL 661 FWL	13	15S	21E	Wolfpoint	Uintah
4304731027	FEDERAL 6-14-15-21	1980' FWL, 1977' FSL	14	15S	21E	Wolfpoint	Uintah
4304731071	FEDERAL 7-15-15-21	1817' FSL, 1657' FEL	15	15S	21E	Wolfpoint	Uintah
4304731091	FEDERAL 2-18-15-22	1927' FEL, 687' FSL	18	15S	22E	Wolfpoint	Uintah
4304730975	TRAPP SPRINGS 1-25-14-23	456' FSL, 1198' FEL	25	14S	23E	Main Canyon	Uintah
4304731041	TRAPP SPRINGS 16-25-14-23	838' FNL, 800' FEL	25	14S	23E	Main Canyon	Uintah
4304731003	TRAPP SPRINGS 3-26-14-23	1058' FLS, 1627' FWL	26	14S	23E	Main Canyon	Uintah
4304730791	TRAPP SPRINGS 6-35-14-23	2610 FWL 1500 FSL	35	14S	23E	Wildcat	Uintah
4304731042	PINE SPRINGS 7-21-14-22	2410 FEL 2210 FSL	21	14S	22E	Pine Springs	Uintah
4304731063	PINE SPRINGS 8-20-14-22	2039 FSL 689 FEL	20	14S	22E	Pine Springs	Uintah
4304731072	MAIN CANYON 6-3-15-23	2107' FWL, 2153' FSL	3	15S	23E	Main Canyon	Uintah
4304731077	FEDERAL 1-34	1797 FSL 800 FEL	34	16S	24E	Bryson Canyon	Grand
4301931078	FEDERAL 2-34	905 FSL 1533 FWL	34	16S	24E	Bryson Canyon	Grand
4304730332	FEDERAL 10-23-14S-24E (1-L-23)	1322' FNL, 1815' FEL	23	14S	24E	Sweetwater	Uintah
4304730325	RAT HOLE CANYON 1	2156' FSL, 1993' FEL	8	14S	25E	Wildcat	Uintah
4304731096	PINE SPRINGS 9-12-14-21	1848 FNL 686 FEL	12	14S	21E	Pine Springs	Uintah
4304734675	PINE SPRINGS 3-23-14-22	460' FSL 2175' FWL	23	14S	22E	Pine Springs	Uintah
4304734676	PINE SPRINGS 12-23-14-22	2052' FNL 462'FWL	23	14S	22E	Pine Springs	Uintah
4304734941	BONANZA FED 15-27-10-25	475' FNL, 1790'	27	10S	25E	Wildcat	Uintah
4304734674	PINE SPRINGS 9-23-14-22	2129' FNL 375' FEL	23	14s	22E	Pine Springs	Uintah

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:	1/1/2004
FROM: (Old Operator): N2225-Carbon Energy Corporation (USA) 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100	TO: (New Operator): N2545-Evergreen Operating Corp. 1401 17th Street, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WOLF UNIT 3-11-15-21	11	150S	210E	4304730622	8065	Federal	GW	S
FEDERAL 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	S
FEDERAL 6-14-15-21	14	150S	210E	4304731027	8072	Federal	GW	S
FEDERAL 7-15-15-21	15	150S	210E	4304731071	8073	Federal	GW	S
FEDERAL 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CYN 6-3-15-23	03	150S	230E	4304731072	8245	Federal	GW	P
MAIN CYN 4-4-15-23	04	150S	230E	4304731043	11602	Federal	GW	P
MAIN CYN 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	P
MAIN CYN 8-7-15-23	07	150S	230E	4304730977	11601	Federal	GW	P
MAIN CYN 15-8-15-23	08	150S	230E	4304730674	11598	Federal	GW	P
MAIN CYN 2-8-15-23	08	150S	230E	4304730735	11599	Federal	GW	P
MAIN CYN 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	S
MAIN CYN 11-10-15-23	10	150S	230E	4304730639	11605	Federal	GW	P
MAIN CYN 7-17-15-23	17	150S	230E	4304730736	11600	Federal	GW	P
BLACK HORSE 12-8-15-24	08	150S	240E	4304731104	8070	Federal	GW	S
BLACK HORSE 14-15-15-24	15	150S	240E	4304731045	8070	Federal	GW	S
BLACK HORSE 2	29	150S	240E	4304730248	10897	Federal	GW	S
ANDERSON FED 2	12	160S	240E	4301930136	583	Federal	GW	P
FEDERAL 24-1	24	160S	240E	4301930955	588	Federal	GW	S
FEDERAL 1-34	34	160S	240E	4301931077	9280	Federal	GW	P
FEDERAL 2-34	34	160S	240E	4301931078	9285	Federal	GW	P
PINE SPRINGS FED 3-23-14S-22E	23	140S	220E	4304734675	10773	Federal	GW	P

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/22/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/22/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/29/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5531527-0143
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on:

In Place

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

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

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

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 1/28/2004

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2004

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

5. Injection Projects to new operator in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB0006732

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: RLB0006705

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

March 11, 2004

Scott Zimmerman
Evergreen Operating Corp.
1401 17th Street, Suite 1200
Denver, Colorado 80202

Re: Wells: Main Canyon 6-3-15-23 *43047 31072*
NESW, Sec. 3, T15S, R23E
Main Canyon 4-4-15-23 *43047 31043*
SWSW, Sec. 4, T15S, R23E
Main Canyon 16-4-15-23 *4304731111*
NESW, Sec. 4, T15S, R23E
Main Canyon 11-10-15-23 *4304730639*
SENE, Sec. 10, T15S, R23E
Uintah County, Utah
Lease No. UTU-8361

Dear Mr. Zimmerman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Evergreen Operating Corp. is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UTB000072, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood
Petroleum Engineer

cc: UDOGM

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc. <i>N5155</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 5205 N. O'Connor Blvd CITY Irving STATE TX ZIP 75039		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		8. WELL NAME and NUMBER: See Attached List
PHONE NUMBER: (972) 444-9001		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

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

- Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004.
- See list attached for all wells currently operated under the name of Evergreen Operating (subsidiary of Evergreen Resources) as listed on the DOGM database on October 15, 2004.
- Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
- Surety Bond #104319462 (replaces RLB 0006706) attached
- Copy of Oil & Gas Geothermal Lease Bond - BLM #104091293 attached

Name: Dennis R. Carlton Title: Executive Vice President, Evergreen Operating Corp. *N2545*
Signature: *[Signature]* Date: *10/18/04*

NAME (PLEASE PRINT) Jay Still TITLE Vice President, Western Division, Pioneer Natural Resources USA Inc.
SIGNATURE *[Signature]* DATE *10/19/04*

(This space for State use only)

APPROVED *10/28/04*
Earlene Russell
Division of Oil, Gas and Mining (See Instructions on Reverse Side)
Earlene Russell, Engineering Technician

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DIV. OF OIL, GAS & MINING

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER
WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	TrpN	TrpW	RngN	RngE	Qtr
43-007-30122-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 5	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNE
43-007-30137-00-00	EVERGREEN OPERATING CORP	HUBER-FEDERAL 7-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SWNE
43-007-30138-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN 4-15	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30140-00-00	EVERGREEN OPERATING CORP	HUBER-FED 6-8	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENE
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SENE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SENE
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 10-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SENE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SENE
43-007-30168-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 11-11	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SENE
43-007-30169-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 14-12	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	SENE
43-007-30589-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30596-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NWNE
43-007-30640-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 3-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30659-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 2-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SENE
43-007-30662-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 4-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30669-00-00	EVERGREEN OPERATING CORP	HUBER-ST/F 4-11	Gas Well	Location Abandoned	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SENE
43-007-30673-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SENE
43-007-30674-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-12	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	NWNE
43-007-30675-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-10	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SENE
43-007-30676-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 3-10	Gas Well	Location Abandoned	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SENE
43-007-30717-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NWNE
43-007-30718-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-18	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	SENE
43-007-30733-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-4	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SWNE
43-007-30734-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NENE
43-007-30735-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENW
43-007-30736-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-15	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30764-00-00	EVERGREEN OPERATING CORP	HUBER-J/F 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SENE
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SENE
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	SENE
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	SENE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWNE

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER
WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Trwpn	Trwpd	RngN	RngD	Qtr/Qtr
43-007-30847-00-00	EVERGREEN OPERATING CORP	HUBER-FRANSEN/FED 4-15	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30861-00-00	EVERGREEN OPERATING CORP	STATE 11-16	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNW
43-007-30862-00-00	EVERGREEN OPERATING CORP	SHIMMIN 11-14	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNW
43-007-30786	EVERGREEN OPERATING CORP	Jensen 7-15 Deep	Gas Well	Active	WILDCAT	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30877-00-00	EVERGREEN OPERATING CORP	JENSEN 24-4	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SESW
43-007-30878-00-00	EVERGREEN OPERATING CORP	JENSEN 34-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	SWSE
43-007-30980-00-00	EVERGREEN OPERATING CORP	JENSEN 41-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENE
43-007-30981-00-00	EVERGREEN OPERATING CORP	JENSEN 34-10	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWSE
43-013-32308-00-00	EVERGREEN OPERATING CORP	HUBER-ST 1-35	Water Disposal Well	Active	CASTLEGATE	DUCHESNE	11S-10E	35	11	S	10	E	SW
43-013-32317-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-27	Gas Well	New Permit (Not yet approved or drilled)	WILDCAT	DUCHESNE	11S-10E	27	11	S	10	E	SWSE
43-047-30404-00-00	EVERGREEN OIL CORP	POISON SPRINGS U 1 USA	Oil Well	Plugged and Abandoned	WILDCAT	GARFIELD	04S-12E	24	04	S	12	E	NESE
43-019-30102-00-00	EVERGREEN OIL CORP	POISON SPRINGS U 2 USA	Oil Well	Plugged and Abandoned	WILDCAT	GARFIELD	04S-12E	4	01	S	12	E	NENE
43-019-30138-00-00	EVERGREEN OPERATING CORP	ANDERSON FED 2	Gas Well	Producing	EAST CANYON	GRAND	16S-24E	12	16	S	24	E	SWSW
43-019-30855-00-00	EVERGREEN OPERATING CORP	FEDERAL 24-1	Gas Well	Shut-In	EAST CANYON	GRAND	16S-24E	24	16	S	24	E	NWNE
43-019-31077-00-00	EVERGREEN OPERATING CORP	FEDERAL 1-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	NESE
43-019-31078-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	SESW
43-047-30248-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 2	Gas Well	Shut-In	BLACK HORSE CYN	UINTAH	15S-24E	29	15	S	24	E	SESE
43-047-30284-00-00	EVERGREEN OPERATING CORP	PINE SPRING U 1	Gas Well	Shut-In	RAT HOLE CYN	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30325-00-00	EVERGREEN OPERATING CORP	RAT HOLE CYN 1	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30331-00-00	EVERGREEN OPERATING CORP	DRY BURN U 1	Gas Well	Shut-In	RAT HOLE CANYON	UINTAH	14S-25E	8	14	S	25	E	NWSE
43-047-30332-00-00	EVERGREEN OPERATING CORP	1-L-23	Gas Well	Shut-In	DRY BURN	UINTAH	13S-25E	29	13	S	25	E	NWSE
43-047-30480-00-00	EVERGREEN OPERATING CORP	SWEETWATER CYN 1	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30582-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 4-25-14-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	14	14	S	24	E	SWNW
43-047-30619-00-00	EVERGREEN OPERATING CORP	CROOKED CYN 13-17-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SWSW
43-047-30622-00-00	EVERGREEN OPERATING CORP	WOLF UNIT 3-11-15-21	Gas Well	Producing	CROOKED CANYON	UINTAH	14S-23E	17	14	S	23	E	SWSW
43-047-30639-00-00	EVERGREEN OPERATING CORP	MAIN CYN 11-10-15-23	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	11	15	S	21	E	NWNW
43-047-30674-00-00	EVERGREEN OPERATING CORP	MAIN CYN 15-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	10	15	S	23	E	SESW
43-047-30735-00-00	EVERGREEN OPERATING CORP	MAIN CYN 2-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	SESW
43-047-30736-00-00	EVERGREEN OPERATING CORP	MAIN CYN 7-17-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NWNE
43-047-30746-00-00	EVERGREEN OPERATING CORP	STATE 11-2-15-22	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	17	15	S	23	E	SWSE
43-047-30791-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 6-35-14-23	Gas Well	Plugged and Abandoned	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	NWSE
43-047-30844-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 8-36-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	35	14	S	23	E	SESW
43-047-30875-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 1-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	36	14	S	23	E	NESE
43-047-30877-00-00	EVERGREEN OPERATING CORP	MAIN CYN 8-7-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NESE
43-047-31003-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 3-26-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	7	15	S	23	E	NESE
43-047-31027-00-00	EVERGREEN OPERATING CORP	FEDERAL 6-14-15-21	Gas Well	Shut-In	MAIN CANYON	UINTAH	14S-23E	26	14	S	23	E	SESW
43-047-31040-00-00	EVERGREEN OPERATING CORP	SWEETWATER 6-13-14-24	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	14	15	S	21	E	SESW
43-047-31041-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 16-25-14-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	13	14	S	24	E	NESW
43-047-31042-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 7-21-14-22	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NESW
43-047-31043-00-00	EVERGREEN OPERATING CORP	MAIN CYN 4-4-15-23	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NENE
43-047-31045-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 14-15-15-24	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	NWSE
43-047-31063-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 8-20-14-22	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	15	15	S	24	E	SWSW
			Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	20	14	S	22	E	NENE

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER
WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Sect	TrpN	TrpD	RngN	RngD	Qtr/Clr
43-047-31071-00-00	EVERGREEN OPERATING CORP	FEDERAL 7-15-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	15	15	S	21	E	NWSE
43-047-31072-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-3-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	3	15	S	23	E	NESW
43-047-31073-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NESW
43-047-31074-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 13-26-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	26	14	S	22	E	NWNW
43-047-31091-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-18-15-22	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-22E	18	15	S	22	E	SWSE
43-047-31096-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 9-12-14-21	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-21E	12	14	S	21	E	SENE
43-047-31104-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 12-8-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	8	15	S	24	E	SWNW
43-047-31111-00-00	EVERGREEN OPERATING CORP	MAIN CYN 16-4-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	NENE
43-047-31134-00-00	EVERGREEN OPERATING CORP	FED ENI 7-1	Gas Well	Producing	DAVIS CANYON	UINTAH	13S-26E	7	13	S	26	E	NENE
43-047-31135-00-00	EVERGREEN OPERATING CORP	STATE 8-2-15-22	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	NESE
43-047-31137-00-00	EVERGREEN OPERATING CORP	FEDERAL 5-13-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	13	15	S	21	E	NWSW
43-047-31346-00-00	EVERGREEN OPERATING CORP	FEDERAL 12-18-14-22	Gas Well	Shut-In	PINE SPRINGS	UINTAH	14S-22E	18	14	S	22	E	SWNW
43-047-34674-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 9-23-14S-22E	Gas Well	Location Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SENE
43-047-34675-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34676-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily-Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34941-00-00	EVERGREEN OPERATING CORP	BONANZA FED 15-27-10-25	Gas Well	Producing	UNDESIGNATED	UINTAH	10S-25E	27	10	S	25	E	NWNE
43-047-35555-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS ST 6-36-14-22	Gas Well	Spudded (Drilling commenced; Not yet completed)	UNDESIGNATED	UINTAH	14S-22E	36	14	S	22	E	NE
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

X Merger

The operator of the well(s) listed below has changed, effective:		9/28/2004
FROM: (Old Operator):	TO: (New Operator):	
N2545-Evergreen Operating Corp. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100	N5155-Pioneer Natural Resources USA, Inc. 5205 N O'Connor Blvd Irving, TX 75039 Phone: 1-(972) 444-9001	

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BONANZA FED 15-27-10-25	27	100S	250E	4304734941	13840	Federal	GW	P K
HUBER-JENSEN 16-9	09	120S	100E	4300730163	12904	Fee	GW	P
HUBER-JENSEN 1-9	09	120S	100E	4300730717	12903	Fee	GW	P
HUBER-JENSEN 9-10	10	120S	100E	4300730159	12906	Fee	GW	P
HUBER-JENSEN 5-10	10	120S	100E	4300730162	12905	Fee	GW	P
HUBER-JENSEN 11-10	10	120S	100E	4300730164	11405	Fee	GW	P
HUBER-JENSEN 1-10	10	120S	100E	4300730596	12611	Fee	GW	P
HUBER-JENSEN 2-10	10	120S	100E	4300730675	14225	Fee	GW	DRL
SHIMMIN TRUST 11-11	11	120S	100E	4300730166	11410	Fee	GW	DRL
HUBER-SHIMMIN TRUST 2-11	11	120S	100E	4300730659	13070	Fee	GW	P
HUBER-SHIMMIN TRUST 1-11	11	120S	100E	4300730673	12901	Fee	GW	P
HUBER-SHIMMIN TRUST 1-12	12	120S	100E	4300730674	12902	Fee	GW	P
SHIMMIN TRUST 5	14	120S	100E	4300730122	14175	Fee	GW	P
HUBER-SHIMMIN TRUST 3-14	14	120S	100E	4300730640	13069	Fee	GW	P
HUBER-SHIMMIN TRUST 4-14	14	120S	100E	4300730662	13071	Fee	GW	P
FED ENI 7-1	07	130S	260E	4304731134	2840	Federal	GW	P
PINE SPRINGS 13-26-14-22	26	140S	220E	4304731074	13615	Federal	GW	P
FEDERAL 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	S
FEDERAL 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CYN 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	S
MAIN CYN 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	P

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: 10/21/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/21/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/21/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5738462-0143
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: _____
- Inspections of LA PA state/fee well sites complete on: ***

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7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: _____

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: _____

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

DATA ENTRY:

- 1. Changes entered in the Oil and Gas Database on: 10/28/2004
- 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/28/2004
- 3. Bond information entered in RBDMS on: 10/28/2004
- 4. Fee/State wells attached to bond in RBDMS on: 10/28/2004
- 5. Injection Projects to new operator in RBDMS on: 10/28/2004
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: ***

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 104091293

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 104319462
- 2. The **FORMER** operator has requested a release of liability from their bond on: 10/21/2004
The Division sent response by letter on: 10/28/2004

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/1/2004

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER:	
9. API NUMBER: 43-047-31111	
10. FIELD AND POOL, OR WILDCAT:	
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.	
3. ADDRESS OF OPERATOR: 1401 17th Street - Ste 1200 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 675-2663
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	
COUNTY: 4 15s 23e Grand & 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 (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Monthly Shut In
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Status October 2007

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

The attached is a list of wells that remained shut-in during the month of October 2007 due to economical market conditions.

NAME (PLEASE PRINT) <u>Joy A. Ziegler</u>	TITLE <u>Senior Engineering Tech</u>
SIGNATURE	DATE <u>11/2/2007</u>

(This space for State use only)

RECEIVED

NOV 05 2007

DIV. OF OIL, GAS & MINING

Pioneer Natural Resources USA, Inc.				
Subsequent Report of Shut In on Federal Wells				
Shut-In The Month Of October 2007				
Attachment to Form 9				
Date of Report: November 2, 2007				
<u>Well Name & Number</u>	<u>API No.</u>	<u>Field Name</u>	<u>Q/Q S/T/R</u>	<u>Lease No.</u>
Bryson Canyon Federal 2-34-16S-24E	43-019-31077	Bryson Canyon	SESW 34-16S-24E	UTU 52030
Bryson Canyon Federal 1-34-16S-24E	43-019-31078	Bryson Canyon	NESE 34-16S-24E	UTU 52030
Anderson Federal 2-12-16S-24E	43-019-30136	East Canyon	SWSW 12-16S-24E	U04967C
Wolf Point Federal 5-13-15S-21E	43-047-31137	Wolf Point	NWSW 13-15S-21E	U30112
Wolf Point Federal 6-14-15S-21E	43-047-31027	Wolf Point	NESW 14-15S-21E	U10173
Wolf Point Federal 7-15-15S-21E	43-047-31071	Wolf Point	NWSE 15-15S-21E	U6618
Federal 3-11-15S-21E	43-047-30622	Wolf Point	SESW 11-15S-21E	U6618
Main Canyon 11-10-15S-23E	43-047-30639	Main Canyon	SESW 10-15S-23E	U8361
Main Canyon 15-8-15S-23E	43-047-30674	Main Canyon	NWNE 8-15S-23E	U9211
Main Canyon 16-4-15S-23E	43-047-31111	Main Canyon	NENE 4-15S-23E	U8361
Main Canyon 2-8-15S-23E	43-047-30735	Main Canyon	SWSE 8-15S-23E	U9211
Main Canyon 4-4-15S-23E	43-047-31043	Main Canyon	SWSW 4-15S-23E	U8361
Main Canyon 6-8-15S-23E	43-047-31073	Main Canyon	NESW 8-15S-23E	U9211
Main Canyon 7-17-15S-23E	43-047-30736	Main Canyon	NWSE 17-15S-23E	U8359
Main Canyon Fed 23-7-15-23E	43-047-37705	Main Canyon	NESW 7-15S-23E	U9211
Federal 13-17-14S-23E	43-047-30619	Crooked Canyon	NWNW 17-14S-23E	UTU6613
Trapp Springs 16-25-14S-23E	43-047-31041	Main Canyon	NENE 25-14S-23E	U38073
Trapp Springs 8-36-14S-23E	43-047-30944	Main Canyon	NESE 36-14S-23E	ML18667
Trapp Springs 4-25-14S-23E	43-047-30582	Main Canyon	SWSW 25-14S-23E	U38073
Trapp Springs 6-35-14S-23E	43-047-30791	Main Canyon	NESW 35-14S-23E	U35272
Pine Springs 13-26-14S-22E	43-047-31074	Main Canyon	NWNW 26-14S-22E	U27413
Pine Springs 3-23-14S-22E	43-047-34675	Main Canyon	SESW 23-14S-22E	UTU006614
Pine Springs 7-21-14S-22E	43-047-31042	Main Canyon	NWSE 21-14S-22E	U10199
Pine Springs 8-20-14S-22E	43-047-31063	Pine Springs	NESE 20-14S-22E	U10199
Pine Springs 9-12-14S-21E	43-047-31096	Pine Springs	SENE 12-14S-21E	U10272

RECEIVED

NOV 05 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: U-8361
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Main Canyon 16-4-15-23
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.		9. API NUMBER: 43-047-31111
3. ADDRESS OF OPERATOR: 1401 17th Street - Ste 1200 CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: Main Canyon
4. LOCATION OF WELL FOOTAGES AT SURFACE: 707' FNL & 662' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 4 15S 23E		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 (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Pioneer Natural Resources is revising the Sundry Notice submitted to UDOGM 2/19/08 to change the well name on the Main Canyon 16-4-15-23. The word "Fed" was inadvertently omitted from the name.

The correct well name should be Main Canyon Fed 16-4-15-23

NAME (PLEASE PRINT) <u>Joy A. Ziegler</u>	TITLE <u>Senior Engineering Tech</u>
SIGNATURE	DATE <u>2/19/2009</u>

(This space for State use only)

RECEIVED

FEB 24 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

3/1/2010

FROM: (Old Operator): N5155-Pioneer Natural Resources USA, Inc. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1 (303) 675-2610	TO: (New Operator): N3655-Foundation Energy Management, LLC 14800 Landmark Blvd, Suite 2200 Dallas, TX 75254 Phone: 1 (918) 585-1650
----------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------

CA No.		Unit:						
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/18/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/18/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2010
- Is the new operator registered in the State of Utah: Business Number: 7591070-0161
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/20/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/10/2010
- Bond information entered in RBDMS on: 5/20/2010
- Fee/State wells attached to bond in RBDMS on: 5/20/2010
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000427
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B005552 & B005635
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/10/2010

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: See Attached List
2. NAME OF OPERATOR: Foundation Energy Management, LLC <i>N 3655</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 14800 Landmark Blvd. - Ste 220 CITY Dallas STATE TX ZIP 72254		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/1/2010	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Foundation Energy Management, LLC. has acquired all of Pioneer Natural Resources USA, Inc.'s interest in the attached list of wells. Foundation Energy Management, LLC. assumed operations of these wells on March 1, 2010.

Betty Brownson
Betty Brownson *opb*
Attorney-In-Fact
Pioneer Natural Resources USA, Inc. *N5155*

1401 17th Street - Suite 1200
Denver, CO 80202
Telephone: 303-675-2610
Fax: 303-294-1255

Joel P. Sauer
Joel P. Sauer
Vice President
Foundation Energy Management, LLC.

14800 Landmark Blvd., Suite 220
Dallas, Texas 75254
UDOGM Bond No. ~~B005552~~ B005552 & B005635
UT Trust Lands: B005499 BLM Bond No UTB000427
Telephone: 918-585-1650
Fax: 918-585-1660

NAME (PLEASE PRINT) <u>Joel P. Sauer</u>	TITLE <u>Vice President</u>
SIGNATURE <i>Joel P. Sauer</i>	APPROVED 5/20/2010 <i>3-10-2010</i> RECEIVED

(This space for State use only)

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

MAR 18 2010
DIV. OF OIL, GAS & MINING

Pioneer Natural Resources (N5155) to Foundation Energy Management (N3655)
EFFECTIVE March 1, 2010

well_name	sec	twp	rng	api	entity	lease	type	stat
ANDERSON FED 2-12-16-24	12	160S	240E	4301930136	583	Federal	GW	S
BRYSON CANYON FED 1-34-16-24	34	160S	240E	4301931077	9280	Federal	GW	S
BRYSON CANYON FED 2-34-16-24	34	160S	240E	4301931078	9285	Federal	GW	P
STATE 21-10	10	160S	230E	4301931390	13560	State	GW	S
SE FLANK UINTAH 1-28	28	150S	220E	4304730126	6121	Federal	OW	P
CROOKED CANYON 13-17-14-23	17	140S	230E	4304730619	8055	Federal	GW	P
WOLF POINT FED 3-11-15-21	11	150S	210E	4304730622	8065	Federal	GW	P
MAIN CANYON FED 11-10-15-23	10	150S	230E	4304730639	11605	Federal	GW	S
MAIN CYN FED 15-8-15-23	08	150S	230E	4304730674	11598	Federal	GW	S
MAIN CYN FED 2-8-15-23	08	150S	230E	4304730735	11599	Federal	GW	P
MAIN CYN FED 7-17-15-23	17	150S	230E	4304730736	11600	Federal	GW	P
TRAPP SPRINGS 6-35-14-23	35	140S	230E	4304730791	8081*	Federal	GW	P
TRAPP SPRINGS 1-25-14-23	25	140S	230E	4304730975	8081*	Federal	GW	S
MAIN CYN FED 8-7-15-23	07	150S	230E	4304730977	11601	Federal	GW	TA
TRAPP SPRINGS FED 3-26-14-23	26	140S	230E	4304731003	8081*	Federal	GW	S
WOLF POINT FED 6-14-15-21	14	150S	210E	4304731027	8072	Federal	GW	S
TRAPP SPRINGS 16-25-14-23	25	140S	230E	4304731041	8081*	Federal	GW	S
MAIN CYN FED 4-4-15-23	04	150S	230E	4304731043	11602	Federal	GW	P
BLACK HORSE 14-15-15-24	15	150S	240E	4304731045	8070	Federal	GW	S
WOLF POINT FED 7-15-15-21	15	150S	210E	4304731071	8073	Federal	GW	P
MAIN CANYON FED 6-3-15-23	03	150S	230E	4304731072	8245	Federal	GW	S
MAIN CANYON FED 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	S
WOLF POINT FED 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CANYON FED 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	S
DAVIS CANYON FED 7-1-13-26	07	130S	260E	4304731134	2840	Federal	GW	S
WOLF POINT FED 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	P
PINE SPRINGS FED 12-23-14-22	23	140S	220E	4304734676	13616	Federal	GW	OPS
PINE SPRINGS ST 6-36-14-22	36	140S	220E	4304735555	14352	State	GW	P
PINE SPRINGS ST 15-36-14-22	36	140S	220E	4304736962	15410	State	GW	P
MAIN CANYON FED 23-7-15-23	07	150S	230E	4304737705	15699	Federal	GW	P
MAIN CYN FED 12-8-15-23	08	150S	230E	4304739428	16256	Federal	GW	P

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. **MOAB FIELD OFFICE**

6. If Indian, Allottee or Tribe Name **2010 MAR 22 AM 10:58**

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Foundation Energy Management, LLC		8. Well Name and No. See Below
3a. Address 14800 Landmark Blvd. - Suite 220 Dallas, TX 72254		9. API Well No.
3b. Phone No. (include area code) 918-575-1650		10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		11. Country or Parish, State Grand Co., UT

12. CHECK THE 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 recompleat 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 recompleat 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.)

Foundation Energy Management, LLC. has acquired all of Pioneer Natural Resources USA, Inc.'s interest in the following wells. Foundation Energy Management, LLC. assumed operations of these wells on March 1, 2010.

- 1) API: 4301930136 - Anderson Fed 2-12-16-24 - SWSW, 12, T16S-R24E - Lease: UTU-04967C
- 2) API: 4301931077 - Bryson Canyon Fed 1-34-16-24 - NESE, 34, T16S-R24E - Lease: UTU-52030
- 3) API: 4301931078 - Bryson Canyon Fed 2-34-16-24 - SESW, 34, T16S-R24E - Lease: UTU-52030

UT13000427

Betty Brownson
Betty Brownson
Attorney-In-Fact
Pioneer Natural Resources USA, Inc.
1401 17th Street - Suite 1200
Denver, CO 80202
Telephone: 303-675-2610
Fax: 303-294-1255

Joel P. Sauer
Joel P. Sauer
Vice President
Foundation Energy Management, LLC.
14800 Landmark Blvd., Suite 220
Dallas, Texas 75254
UT BLM: B005501
Telephone: 918-585-1650
Fax: 918-585-1660

RECEIVED

APR 14 2010

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed) **Joel P. Sauer** Title **Vice President**

Signature *Joel P. Sauer* Date **3-10-2010**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **ACCEPTED** Division of Resources
Title **MOAB Field Office** Date **4/7/2010**
Office

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 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.

(Instructions on page 2)

cc: UDDGM 4/7/10

Conditions Attached

Foundation Energy Management, LLC
Well No. Anderson Federal 2-12-16-24
Lease UTU04967C
Section 12, T16S, R24E
Well Nos. Bryson Canyon Federal 1-34-16-24 and 2-34-16-24
Lease UTU52030
Section 34, T16S, R24E
Grand County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of these applications 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.

Be advised that Foundation Energy Management, LLC is considered to be the operator of the above wells effective March 1, 2010, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for these wells is provided by UTB000427 (Principal – Foundation Energy Management, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43CFR 3106.7-2 continuing responsibility are met.



United States Department of the Interior

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



JUN 17 2011

IN REPLY REFER TO:
3162.3 (UTG011)

Joel P. Sauer
Foundation Energy Management, LLC
14800 Landmark Blvd., Suite 220
Dallas, TX 75254

Re: Change of Operator *4304731111*
Well No. Main Cyn. Fed. 16-4-15-23
NENE, Sec. 4, T15S, R23E
Uintah County, Utah
Lease No. UTU8361

RECEIVED
JUN 23 2011
DIV. OF OIL, GAS & MINING

Dear Mr. Sauer:

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 March 1, 2010, Foundation Energy Management, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000427, for all operations conducted on the referenced well on the leased land.

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

Sincerely,

Jerry Kenczka
Assistant Field Manager
Land & Mineral Resources

Enclosure

cc: UDOGM

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
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SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No.
2. Name of Operator Foundation Energy Management LLC		6. If Indian, Allottee or Tribe Name
3a. Address 14800 Landmark Blvd. - Suite 220 Dallas, TX 75254	3b. Phone No. (include area code) 918-575-1650	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		8. Well Name and No. See Attached List
		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State Uintah Co., UT

12. CHECK THE 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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: Change of Operator
	<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.)

Foundation Energy Management, LLC. has acquired all of Pioneer Natural Resources USA, Inc.'s interest in the attached list of wells. Foundation Energy Management, LLC. assumed operations of these wells on March 1, 2010.

Betty Brown
Betty Brownson
Attorney-In-Fact
Pioneer Natural Resources USA, Inc.
1401 17th Street - Suite 1200
Denver, CO 80202
Telephone: 303-675-2610
Fax: 303-294-1255

Joel P. Sauer
Joel P. Sauer
Vice President
Foundation Energy Management, LLC.
14800 Landmark Blvd., Suite 220
Dallas, Texas 75254
UT BLM: B005501
Telephone: 918-585-1650
Fax: 918-585-1660

RECEIVED
MAR 18 2010
BLM VERNAL, UTAH

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Joel P. Sauer		Title Vice President
Signature <i>Joel P. Sauer</i>		Date 3-10-2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Assistant Field Manager Lands & Mineral Resources	Date JUN 16 2011
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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

UDOGM

BLM - Vernal

Change of Operator - Effective 3/1/2010

From Pioneer Natural Resources USA, Inc. to Foundation Energy Management, LLC.

api	well_name	qtr_qtr	sec	tpw	rng	County	entity	zone	lease	l_num	stat	unit
4304732659	ATCHEE RIDGE 15-13-25 1	SWSE	15	130S	250E	Uintah	11962	MNCSB	Federal	U-70248	S	DISPLACEMENT POINT
4304732602	ATCHEE RIDGE 24-13-25 1	SESW	24	130S	250E	Uintah	11963	MNCS	Federal	UTU-72075	S	DISPLACEMENT POINT
4304731104	BLACK HORSE 12-8-15-24	SWNW	08	150S	240E	Uintah	8070	MNCSB	Federal	U-2836	S	BLACK HORSE CANYON
4304731045	BLACK HORSE 14-15-15-24	NENW	15	150S	240E	Uintah	8070	MNCSB	Federal	U-2837	S	
4304730248	BLACK HORSE 2 1-29-15S-24E	SESE	29	150S	240E	Uintah	10897	MNCS	Federal	U-2838	S	BLACK HORSE CANYON
4304730619	CROOKED CANYON 13-17-14-23	NWNW	17	140S	230E	Uintah	8055	DKTA	Federal	U-6613	P	
4304732618	DAVIS CANYON 12-13-25 1	SENE	12	130S	250E	Uintah	11970	MVRD	Federal	UTU-70247	P	DISPLACEMENT POINT
4304731134	DAVIS CANYON FED 7-1-13-26	NENE	07	130S	260E	Uintah	2840	DKTA	Federal	U-46737	P	
4304730331	DRY BURN U 1 1-29-13S-25E	NWSE	29	130S	250E	Uintah	16218	MNCS	Federal	U-10184	S	DISPLACEMENT POINT
4304735678	FED ATCHEE RIDGE 22-13-25	SWSW	22	130S	250E	Uintah	14972	MVRD	Federal	UTU-073189	OPS	DISPLACEMENT POINT
4304730639	MAIN CANYON FED 11-10-15-23	SENW	10	150S	230E	Uintah	11605	CSLGT	Federal	U-8361	S	
4304731111	MAIN CANYON FED 16-4-15-23 ★	NENE	04	150S	230E	Uintah	11608	MNCSB	Federal	U-8361	S	
4304737705	MAIN CANYON FED 23-7-15-23	NESW	07	150S	230E	Uintah	15699	DK-MR	Federal	UTU-9211	P	
4304731072	MAIN CANYON FED 6-3-15-23	NESW	03	150S	230E	Uintah	8245	MNCSB	Federal	UTU-8361	S	
4304731073	MAIN CANYON FED 6-8-15-23	NESW	08	150S	230E	Uintah	11606	CSLGT	Federal	U-9211	S	
4304730977	MAIN CYN FED 8-7-15-23	NESE	07	150S	230E	Uintah	11601	MNCS	Federal	U-9211	TA	
4304739428	MAIN CYN FED 12-8-15-23	SWNW	08	150S	230E	Uintah	16256	ENRD	Federal	UTU-9211	P	
4304730674	MAIN CYN FED 15-8-15-23	NWNE	08	150S	230E	Uintah	11598	MNCS	Federal	U-9211	P	
4304730735	MAIN CYN FED 2-8-15-23	SWSE	08	150S	230E	Uintah	11599	DKMNB	Federal	U-9211	P	
4304737928	MAIN CYN FED 32-10-15-23	SWNE	10	150S	230E	Uintah			Federal	UTU-8361	AL	
4304731043	MAIN CYN FED 4-4-15-23	SWSW	04	150S	230E	Uintah	11602	DKTA	Federal	U-8361	P	
4304730736	MAIN CYN FED 7-17-15-23	NWSE	17	150S	230E	Uintah	11600	DKMNB	Federal	U-8359	P	
4304731135	MAIN CYN ST 8-2-15-22	NESE	02	150S	220E	Uintah	8076	MNCS	Federal	ML-22320	DH	
4304731074	PINE SPRINGS 13-26-14-22	NWNW	26	140S	220E	Uintah	13615	CSLGT	Federal	U-27413	S	
4304731042	PINE SPRINGS 7-21-14-22	NWSE	21	140S	220E	Uintah	8086	DKTA	Federal	U-10199	P	PINE SPRINGS
4304731096	PINE SPRINGS 9-12-14-21	SENE	12	140S	210E	Uintah	10772	WSTC	Federal	U-10272	P	PINE SPRINGS
4304731348	PINE SPRINGS FED 12-18-14-22	SWNW	18	140S	220E	Uintah	10772	WSTC	Federal	U-6841	S	PINE SPRINGS
4304734676	PINE SPRINGS FED 12-23-14-22	SWNW	23	140S	220E	Uintah	13616	CSLGT	Federal	UTU 006614	OPS	
4304734675	PINE SPRINGS FED 3-23-14-22	SESW	23	140S	220E	Uintah	10773	MNCSB	Federal	UTU 006614	P	PINE SPRINGS
4304731063	PINE SPRINGS FED 8-20-14-22	NESE	20	140S	220E	Uintah	8086	DKTA	Federal	U-10119	P	PINE SPRINGS
4304730284	PINE SPRINGS UNIT 1 1-23-14-22	NESW	15	140S	220E	Uintah	595	DKTA	Federal	U-27413	S	PINE SPRINGS
4304730325	RAT HOLE CYN UNIT 1 7-8-14-25	NWSE	08	140S	250E	Uintah	16219	MNCS	Federal	U-3176A	S	DISPLACEMENT POINT

BLM Vernal												
Change of Operator - Effective 3/1/2010												
From Pioneer Natural Resources USA, Inc. to Foundation Energy Management, LLC.												
api	well_name	qtr_qtr	sec	tpw	rng	County	entity	zone	lease	l_num	stat	unit
4304730126	SE FLANK UINTAH 1-28	SWSW	28	150S	220E	Uintah	6121	DKTA	Federal	U-0149536	P	
4304730460	SWEETWATER CANYON 1 1-14-14-24	SWNW	14	140S	240E	Uintah	8060	MNCSB	Federal	U-10133	S	SWEETWATER CANYON
4304730332	SWEETWATER FED 10-23-14S-24E(1-L-23)	SWNE	23	140S	240E	Uintah	9560	MNCS	Federal	U-10133	S	SWEETWATER CANYON
4304731040	SWEETWATER FED 6-13-14-24	NESW	13	140S	240E	Uintah	8060	DKTA	Federal	U-10132	S	SWEETWATER CANYON
4304736784	TENT CANYON 4-14-14-25	NWNW	14	140S	250E	Uintah	16329	MVRD	Federal	UTU-72652	PA	S. DISPLACEMENT POINT
4304730975	TRAPP SPRINGS 1-25-14-23	SESE	25	140S	230E	Uintah	8081	DKTA	Federal	U-38073	S	
4304731041	TRAPP SPRINGS 16-25-14-23	NENE	25	140S	230E	Uintah	8081	DKTA	Federal	U-38073	P	
4304730582	TRAPP SPRINGS 4-25-14-23	SWSW	25	140S	230E	Uintah	10894	DKTA	Federal	U-38073	P	TRAPP SPRINGS
4304730791	TRAPP SPRINGS 6-35-14-23	NESW	35	140S	230E	Uintah	8081	DKTA	Federal	U-59581	P	
4304731003	TRAPP SPRINGS FED 3-26-14-23	SESW	26	140S	230E	Uintah	8081	DKTA	Federal	U-38071	S	
4304731091	WOLF POINT FED 2-18-15-22	SWSE	18	150S	220E	Uintah	8077	MNCS	Federal	U-30112	S	
4304730622	WOLF POINT FED 3-11-15-21	SESW	11	150S	210E	Uintah	8065	DKTA	Federal	U-6618	P	
4304731137	WOLF POINT FED 5-13-15-21	NWSW	13	150S	210E	Uintah	8071	DK-MR	Federal	U-30112	P	
4304731027	WOLF POINT FED 6-14-15-21	NESW	14	150S	210E	Uintah	8072	DKTA	Federal	U-10173	S	
4304731071	WOLF POINT FED 7-15-15-21	NWSE	15	150S	210E	Uintah	8073	DK-MR	Federal	U-6618	P	