

FILE NOTATIONS

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

Checked by Chief
Approval Letter
Disapproval Letter

PWB
3-4-72

COMPLETION DATA:

Date Well Completed 6-15-72

Location Inspected

W..... WW..... TA.....

Bond released

State or Fee Land

SF GW. ✓ OS..... PA.....

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

MHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 710' FSL, 500' FEL NE SE SE
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
26 miles east of Manila, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
500' -

16. NO. OF ACRES IN LEASE
1900.74

17. NO. OF ACRES ASSIGNED TO THIS WELL
-

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
5900' Unit No. 7

19. PROPOSED DEPTH
5900'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6435' as graded

22. APPROX. DATE WORK WILL START*
March 17, 1972

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	9-5/8	32.3	325'	300 sacks
7-7/8	4-1/2	11.6	To be determined	

We would like permission to drill the subject well to an estimated depth of 5900'; anticipated formation tops are as follows: Mancos at the surface, Frontier at 5320', Mowry at 5520', Dakota at 5720' and Morrison at 5845'.

Mud will be adequate to contain formation fluids and blow out preventers will be checked daily.

The location requested does not comply with the State of Utah well location regulation. We request an exception as provided under Rule C-3 of the General Rules and Regulations covering well location by reason of topographical conditions.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 3/14/72

BY C.B. [Signature]

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 B. H. Craft, Jr. TITLE Vice President, Gas Supply Operations DATE March 10, 1972

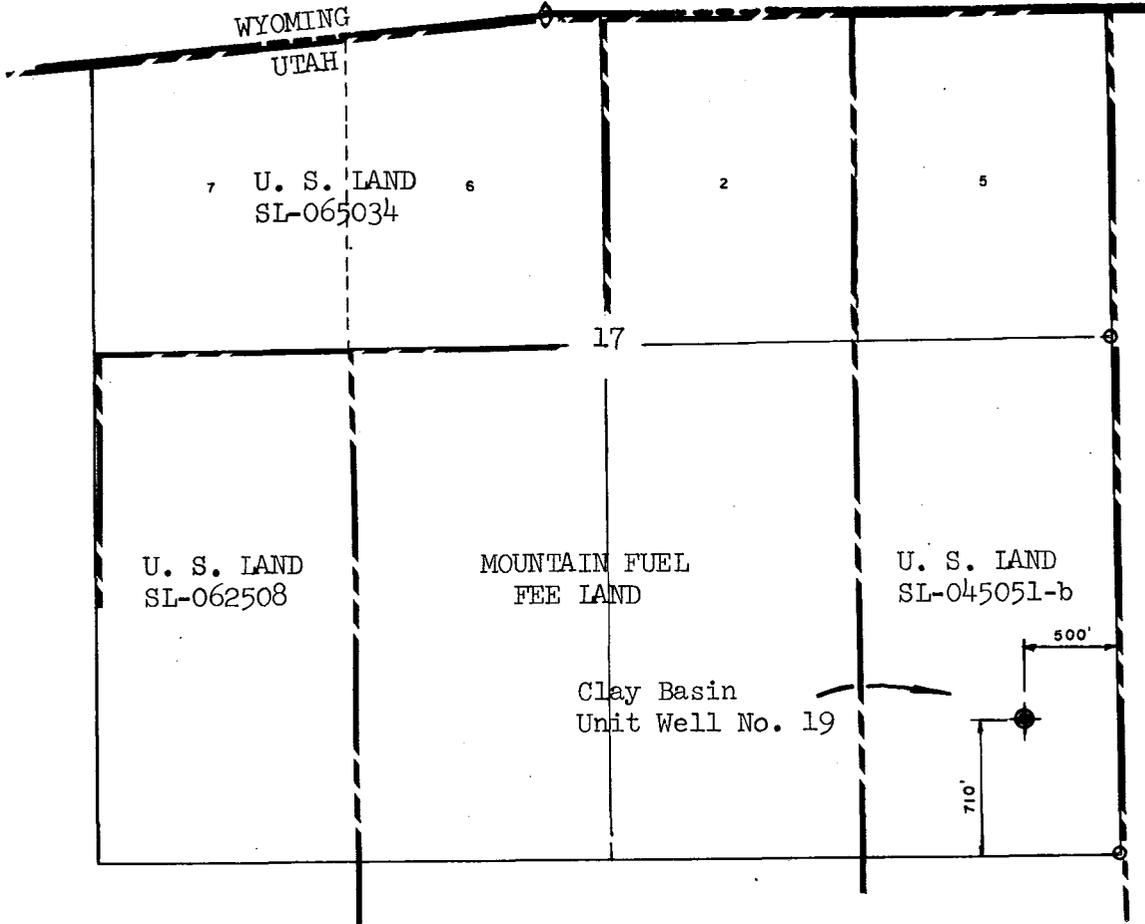
(This space for Federal or State office use)

PERMIT NO. 43-009-30008 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

M.P. 272



- ⊕ = Well
- ⊕ = Stone Corner
- ⊕ = Pipe Corner

This is to certify that the above plat was prepared from field notes of actual surveys made under my supervision and that the same are true and correct to the best of my knowledge.

E. A. Foye

Engineer

Utah Registration No. 2708

Elevation by spirit levels.
MFSCO: Bench Mark - State Land Well No. 1.

ENGINEERING RECORD	
W.O.	20632
Surveyed by	J. B. Carricaburu 1/26/72
Weather	
References	G.L.O. Plat
LOCATION DATA	
Field	Clay Basin
Location	SE SE Sec. 17, T. 3N., R. 24E., S. 1M.
County	Daggett
State	Utah
Well Elev.	6435' (as graded)



MOUNTAIN FUEL
SUPPLY COMPANY
ROCK SPRINGS, WYOMING

WELL LOCATION

Clay Basin Unit Well No. 19

DRAWN: 2/3/72 DGH	SCALE: 1 inch = 1000 feet
CHECKED: <i>Rum</i>	DRWG. NO. M-10490
APPROVED: <i>KAL</i>	

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

PMP

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Daggett Field or Lease Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for

MAR 1972, 19

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84111 Signed E. Murphy

Phone 328-8315 Agent's title CHIEF ACCOUNTANT

State Lease No. _____ Federal Lease No. SLC 045051-B Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)		
								No. of Days Produced		
SE SE 17	3N	24E	19	Drilling	*	0	0	0	0	Spud March 21, 1972 5,282' Drilling

* Not Corrected for Temperature and Gravity or BS & W
** Flared to Atmosphere

Note: There were NO runs or sales of oil; NO M cu. ft. of gas sold; NO runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

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

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
710' FSL, 500' FEL SE SE

14. PERMIT NO. 43-009-30008

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6446.90' GR6435'

5. LEASE DESIGNATION AND SERIAL NO.
SL - 045051-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Clay Basin Unit

8. FARM OR LEASE NAME
Unit Well

9. WELL NO.
19

10. FIELD AND POOL, OR WILDCAT
Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE SE 17-3N-24E., S.L.M.

12. COUNTY OR PARISH Daggett 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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u>	

(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.)*

Depth 3228', drilling.

Spudded March 21, 1972.

Ran and cemented 9-5/8" surface casing.

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

SIGNED B. H. Craft, Jr. TITLE Vice President, Gas Supply Operations DATE March 28, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

March 13, 1972

Tentative Plan to Drill
Unit Well No. 19
Clay Basin Field

This well will be drilled to total depth by Loffland Drilling Company. One work order has been originated for the drilling and completion of this well, namely 20632, Drill Unit Well No. 19, Clay Basin Field, located in SE SE Sec. 17, T. 3 N., R. 24 E., Daggett County, Utah. A 7-7/8-inch hole will be drilled to a total depth of 5900 feet and 4-1/2-inch O.D. casing run. It is planned to complete the well as a gas producer in the Frontier formation. Four drill stem tests are anticipated.

1. Drill 13-3/4-inch hole to approximately 330 feet KBM.
2. Run and cement approximately 300 feet of 9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing. The casing will be cemented with 323 sacks of regular Type "G" cement, which represents theoretical requirements plus 100 percent excess cement for 9-5/8-inch O.D. casing in 13-3/4-inch hole with cement returned to surface. Cement will be treated with 1518 pounds of Dowell D43A. Plan on leaving a 10 foot cement plug in the bottom of the casing after displacement is completed. Floating equipment will consist of a Baker guide shoe. The top and bottom of all casing collars will be spot welded in the field and the guide shoe will be spot welded to the shoe joint in the Rock Springs Machine Shop. The bottom of the surface casing should be landed in such a manner that the top of the 10-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 50 barrels of mud. Capacity of the 9-5/8-inch O.D. casing is 26 barrels.
3. After a WOC time of 6 hours, remove the landing joint and wash off casing collar. Install a NSCo. Type "B" 10-inch 3000 psi regular duty casing flange tapped for 9-5/8-inch O.D. casing. Install a 2-inch extra heavy nipple, 6-inches long, and a Nordstrom Figure 824 (800 psi WOG, 1600 psi test) valve on one side

outlet of the casing flange and a 2-inch extra heavy bull plug in the opposite side. Install a 10-inch 3000 psi double gate hydraulically operated blowout preventer with blind rams in the bottom and 4-1/2-inch rams in the top and finish nipping up. After a WOC time of 12 hours, pressure test surface casing, all preventer rams, and Kelly-cock to 1000 psi for 15 minutes using rig pump and drilling mud. The burst pressure rating for 9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing is 2270 psi.

4. Drill 7-7/8-inch hole to the total depth of 5900 feet or to such depth as the Geological Department may recommend. A mud de-sander will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. A fully manned logging unit will be used from 5000 feet to total depth. A Company Geologist will be on location to check cutting samples; 10 foot samples from 5000 feet to total depth. The mud system will consist of properties adequate to allow the running of drill stem tests. The mud weight should be held as low as practical. Four drill stem tests are anticipated starting at a depth of approximately 5300 feet. Anticipated tops are as follows:

	<u>Approximate Depth</u> <u>(Feet KBM)</u>
Mancos	Surface
Frontier	5320
Mowry	5520
Dakota	5720
Morrison	5845
Total Depth	5900

5. Run a dual induction-laterolog from total depth to the bottom of the surface pipe (linear 2-inch, logarithmic 5-inch with RXO/Rt on 5-inch) and compensated density gamma ray caliper log with "F" log overlay from total depth to 4400 feet.

6. Assume commercial quantities of gas and/or oil are present as indicated by open hole drill stem tests or log analysis. Go into hole with 7-7/8-inch bit and drill pipe to total depth to condition mud prior to running production casing. Pull bit laying down drill pipe and drill collars.
7. Run 4-1/2-inch O.D. casing as outlined in Item No. I, General Information, through the deepest producing zone as indicated by open hole drill stem tests or log analysis. This casing string is designed using 10 ppg drilling mud. A Baker 4-1/2-inch O.D., 8 round thread Type G circulating differential fillup collar and guide shoe will be run as floating equipment. Cement casing with 50-50 Pozmix "A" cement. Bring cement top behind the 4-1/2-inch O.D. casing above the uppermost producing zone as indicated by drill stem test and log analysis. Circulate 150 barrels of drilling mud prior to beginning cementing operations. Capacity of the 4-1/2-inch O.D. casing is approximately 91 barrels. Cement requirements will be based on actual hole size as determined by the caliper portion of the formation density log. Rotate casing while circulating, mixing and displacing cement. Displace cement with water.
8. Immediately after cementing operations are completed, land the 4-1/2-inch O.D. casing with full weight of casing on slips in the 10-inch 3000 psi casing flange and record indicator weight. Install NSCo. Type B 10-inch 3000 psi by 6-inch 5000 psi tubing spool. Pressure test primary and secondary seals to 3000 psi for 5 minutes. Minimum collapse pressure for 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing is 5950 psi. Install a steel plate on the 6-inch 5000 psi tubing spool flange.
9. Release drilling rig and move off location.
10. Move in and rig up a completion rig.
11. Install a 6-inch 5000 psi hydraulically operated double gate preventer with blind rams on bottom and 2-3/8-inch tubing rams on top.

12. After a WOC time of at least 50 hours, rig up Dresser Atlas and run bond log and perforating formation control log from plugged back depth to top of cement behind the 4-1/2-inch O.D. casing.
13. After a WOC time of at least 56 hours, pick up and run a 3-3/4-inch bit on 2-3/8-inch O.D., 4.6-pound, J-55, seal lock thread tubing to check plugged back depth.
14. Using Halliburton pump truck and water, pressure test casing and tubing rams to 4000 psi for 15 minutes. The minimum internal yield for 4-1/2-inch O.D., 11.6-pound, N-80 casing is 7780 psi and the wellhead has a working pressure of 5000 psi with a test pressure of 10,000 psi. Pull tubing and pressure test casing and blind rams to 4000 psi for 15 minutes.
15. A tentative plan to complete the well will be issued after results of the above items have been evaluated.

GENERAL INFORMATION

I. The following tubular goods have been assigned to the well.

<u>Description</u>	<u>Approximate Gross Measurement (feet)</u>	<u>Availability</u>
	<u>Surface Casing</u>	
9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing	330	To be purchased
	<u>Production Casing</u>	
4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing	6,200	To be purchased
	<u>Production Tubing</u>	
2-3/8-inch O.D., 4.6-pound, J-55, seal lock tubing	6,200	To be purchased

II. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

III Well responsibility - C. T. Colson

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE*
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL - 045051-b

6. IF INDIAN, 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.)

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

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

710' FSL, 500' FEL SE SE

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

19

10. FIELD AND POOL, OR WILDCAT

Clay Basin

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

SE SE 17-3N-24E., S.L.M.

14. PERMIT NO.

43-009-30008

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

KB 6446.90' GR 6435'

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Supplementary history

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 5481', made DST #1.

Landed 301.52' net, 304.33' gross of 9-5/8" surface casing at 313.42' KBM, 32.3#, H-40, and set with 323 sacks of cement.

DST #1: 5394-5481', Frontier, IO 1/2 hour, ISI 1 1/2 hours, FO 132 minutes, FSI 4 hours, opened strong, gas in 11 minutes, 1/4 hour 169 Mcf, 1/2 hour 319 Mcf, reopened strong, 1/4 hour 526 Mcf, 1/2 hour 603 Mcf, 1 hour 749 Mcf, 2 hours 817 Mcf, recovered 363' mud. IHP 2583, IOFP's 85-106, ISIP 2288, FOFP's 106-128, FSIP 2288, FHP 2625.

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

SIGNED B.H. Croft

TITLE Vice President,
Gas Supply Operations

DATE April 3, 1972

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL - 045051-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

19

10. FIELD AND POOL, OR WILDCAT

Clay Basin

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

SE SE 17-3N-24E., S.L.M.

12. COUNTY OR PARISH | 13. STATE

Daggett

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

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

710' FSL, 500' FEL SE SE

14. PERMIT NO.
43-009-30008

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6446.90' GR 6435'

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) <u>Supplementary history</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 5900', ran 4 1/2" production casing, rig released April 8, 1972, waiting on completion tools.

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

SIGNED B. H. Craft pz

TITLE

Vice President,
Gas Supply Operations

DATE April 10, 1972

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. SL - 045051-b
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Clay Basin Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 710' FSL, 500' FEL SE SE		8. FARM OR LEASE NAME Unit Well
14. PERMIT NO. 43-009-30008		9. WELL NO. 19
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6446.90' GR 6435'		10. FIELD AND POOL, OR WILDCAT Clay Basin
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE SE 17-3N-24E., S.L.M.
		12. COUNTY OR PARISH Daggett
		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) <u>Supplementary history</u> <input checked="" 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.)*

TD 5900', waiting on completion tools.

Landed 5878.62' net, 5923.87' gross of 4½"OD, 11.6#, N-80, 8rd thd, LT&C casing at 5890.52'KBM and set with 440 sacks of cement.

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

SIGNED B. H. Craft Jr TITLE Vice President, Gas Supply Operations DATE April 17, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Daggett Field or Lease Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for

APR 1972, 19.....

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84111 Signed *J. Murphy*

Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SLC 045051-B

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)		
								No. of Days Produced		
SE SE 17	3N	24E	19	S.I.	*	0	0	0	0	Spud March 21, 1972 TD 5900' Shut In Waiting on Completion tools.

* Not Corrected for Temperature and Gravity or BS & W
 ** Flared to Atmosphere

Note: There were NO runs or sales of oil; NO M cu. ft. of gas sold; NO runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
 SI-Shut In D-Dead
 GI-Gas Injection TA-Temp. Aban.
 WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 Salt Lake City 14, Utah

AKB

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Daggett Field or Lease Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for

MAY 1972, 19.....

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84111 Signed *J. Murphy*

Phone 328-8315 Agent's title CHIEF ACCOUNTANT

State Lease No. Federal Lease No. SIC 045051-B Indian Lease No. Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)		
								No. of Days Produced		
SE SE 17	3N	24E	19	SI	*	0	0	0	0	Spud March 21, 1972 T.D. 5900' Shut In Waiting on Completion tools

* Not Corrected for Temperature and Gravity or BS & W
 ** Flared to Atmosphere

Note: There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
 SI-Shut In D-Dead
 GI-Gas Injection TA-Temp. Aban.
 WI-Water Injection

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER
UNIT Clay Basin

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAY 1972, 19

Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
Salt Lake City, Utah 84111 Signed E. Murphy
Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	Date Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE SE 17	3N	24E	19							Spud March 21, 1972 T.D. 5900' Shut In Waiting on Completion tools
SLC - 045051-B - R.D. Murphy-B - Clay Basin Unit Well No. 19										

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO B. W. Croft

DATE May 19, 1972

SUBJECT Tentative Plan to Complete
Unit Well No. 18
Clay Basin Field

Attached for your information and files is a tentative plan to complete the above-captioned well.

RGM/gm

Attachment

cc: J. T. Simon
L. A. Hale (6)
J. E. Adney
Geology (2)
D. E. Dallas (4)
C. F. Rosene
E. J. Widic
U.S.G.S.
State 
A. A. Pentila
P. E. Files (4)

From: F. J. Clausen

Rock Springs, Wyoming

To: T. M. Colson

April 12, 1972

Tentative Plan to Complete
Unit Well No. 18
Clay Basin Field

Present status of well is as follows:

- a. 9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing landed at 317.06 feet KBM.
- b. 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing landed at 6158.04 feet KBM.
- c. The cement behind the 4-1/2-inch O.D. casing was in place at 9:30 A.M., March 15, 1972. Calculated cement top at 4400 feet KBM.
- d. A 10-inch 3000 psi by 6-inch 5000 psi pressure crossover tubing spool was installed and the seals pressure tested to 2000 psi. This leaves a 6-inch 5000 psi flange looking up.

One producing zone was indicated by open hole drill stem tests.

Drill Stem Test No. 1
Depth 5755 feet, packers 5699 feet and 5705 feet
1st Frontier 5703 feet to 5755 feet, 112 unit gas increase
10 1/2 hour, ISI 1-1/2 hours, FO 2 hours, FSI 5 hours, opened strong, gas in
1/4 hour, 20 minutes 3 MCF, 1/2 hour 9 MCF, reopened, 1/4 hour 97 MCF, 1/2 hour
80 MCF, 3/4 hour 80 MCF, 1 hour 83 MCF, 1-1/4 hours 90 MCF, 1-1/2 hours 97 MCF,
1-3/4 hours 104 MCF, 2 hours 104 MCF. Recovered 189 feet gas cut mud (8.6 ppg,
res. 2.9), pit mud 9.3 ppg, res. 3.4, BHT 120°F.
IHP 2721, IOFP's 105-120, ISIP 2138, FOFP's 136-136, FSIP 2138, FHP 2721.
(8 feet of fillup, slip packers 8 feet to bottom), bottom recorder clock did
not run.

The Exploration Department feels that a production drill stem test of the interval from 6105 feet to 6120 feet KBM would be warranted.

A tentative plan to complete the well follows:

NOTE: The 6-inch 5000 psi tubing spool is 9.90 feet below KB.

1. Move in and rig up a contract workover rig.
2. Install a 6-inch 3000 psi double gate hydraulically operated blowout preventer with 2-3/8-inch rams on top and blind rams on bottom.

3. Rig up Dresser Atlas and run bond log and perforating formation control log from plugged back depth to top of cement behind the 4-1/2-inch O.D. casing. Cement fillup behind the casing is calculated at 4400 feet KBM and the plugged back depth is at approximately 6124 feet KBM. Correlate the Dresser Atlas gamma ray log with the Schlumberger borehole compensated sonic gamma ray log run March 14, 1972, and make any depth adjustments that are necessary.
4. Run a 3-3/4-inch bit on 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing to check plugged back depth.
5. Using Halliburton pump truck, pressure test casing and tubing rams to 4000 psi for 15 minutes. The minimum internal yield for new 4-1/2-inch O.D., 11.6-pound, N-80 casing is 7120 psi and the wellhead has a working pressure of 5000 psi with a test pressure of 10,000 psi. Land tubing on the NSCo. Type H-1 tubing hanger and pressure test casing and blind rams to 4000 psi for 15 minutes.
6. Pull tubing and stand in derrick.
7. Rig up Dresser Atlas lubricator and perforate the following interval with two Golden Jet shots per foot:

6105 feet to 6120 feet KBM

Measurements are from the Schlumberger borehole compensated sonic gamma ray log run March 14, 1972 and should be correlated with the Dresser Atlas gamma ray log prior to perforating. Log the casing perforations and record any surface pressure.
8. Run a Halliburton conventional production test tool and four 3-1/2-inch drill collars on 2-3/8-inch O.D. seal lock tubing and run production test. Note: Set packer at 6085 feet KBM.
9. Pull tubing and stand in derrick.

10. Assuming the test does not show commercial quantities of gas, rig up Dresser Atlas lubricator and set a Baker Model "N" cast iron bridge plug at 6090 feet KBM.
11. Run 2-3/8-inch O.D. seal lock tubing and check plug back depth. Pull up 2 feet and displace the water out of the casing from plug back depth to surface with drip oil treated with 0.05-pound Adomite and 0.003 gallon FR-5 per gallon drip oil. Approximately 95 barrels will be required. Pull tubing and stand in derrick.
12. Rig up Dresser Atlas lubricator and perforate the Frontier formation with two Golden Jet shots per foot as follows:

5715 feet to 5767 feet KBM

In all a total of 52 feet will be perforated with 104 holes. Log the casing perforations and record any surface pressure.

13. Install a 6-inch 3000 psi stripper head with a 2-3/8-inch rubber. Run and land the 2-3/8-inch O.D. seal lock tubing at approximately 5680 feet KBM as follows:

(Top of String in Well)

1 NSCo. Type H-1 tubing hanger tapped for 2-3/8-inch O.D., 8 round thread, EUE tubing.

1 Baker 2-3/8-inch blast joint (2-3/8-inch 8 round thread EUE double pin) approximately three feet long.

1 2-3/8-inch 8 round thread EUE collar.

1 2-3/8-inch 8 round thread EUE by 2-3/8-inch seal lock change nipple.

Approximately 5670 feet 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing.

1 Shop made 2-3/8-inch seal lock combination closing tool-tubing shoe with aluminum plug.

13. Remove blowout preventer and stripper head. Install upper portion of wellhead.

14. Rig up three HT-400 pump trucks and one pressurized blender in order to apply sand-oil treatment to above casing perforations down 2-3/8-inch O.D. tubing and 2-3/8-inch O.D. tubing by 4-1/2-inch O.D. casing annulus simultaneously. Install a frac-ball injector in the discharge line going to the tubing and a pressure recorder on one of the discharge lines going to the casing. A fracometer will be used during the sand-oil treatment. A Halliburton fire truck and mechanic will be on location. The annulus between the 9-5/8-inch O.D. casing and the 4-1/2-inch O.D. casing should be open and observed during the fracturing operations.
15. Pressure test surface lines from pump trucks to wellhead to 7000 psi. Fill the 2-3/8-inch O.D. tubing with drip oil treated with 0.05-pound Adomite and 0.003 gallon FR-5 per gallon drip oil and pump out plug. Twenty two barrels will be required. Using all three pump trucks, pump 60 barrels (2520 gallons) drip oil treated as above in order to obtain breakdown pressure and injection rate. During this time, observe surface lines, connections and wellhead for leaks. If breakdown pressure is 5500 psi or less, proceed with sand-oil treatment.
16. Apply the sand-oil treatment in the following manner: All drip oil will be treated with 0.05-pound Adomite and 0.003 gallon FR-5 per gallon drip oil except that used during the flush and all sand will be 20-40 mesh Ottawa. Do not exceed a maximum surface pump pressure of 6500 psig.
 - A. Pump 3000 gallons drip oil mixed with 1/2 ppg sand
Pump 3000 gallons drip oil mixed with 3/4 ppg sand
Pump 9000 gallons drip oil mixed with 1 ppg sand
 - B. Inject 35 7/8-inch O.D. rubber coated nylon ball sealers.
17. Repeat Item No. 12, Parts A and B.

18. Repeat Item No. 12, Part A only. Displace the drip oil-sand-Adomite-FR-5 mixture with 98 barrels drip oil treated with 0.003 gallon FR-5 per gallon drip oil. This represents the capacity of the casing and tubing to the top of the perforations at 5715 feet KBM plus 18 barrels in order to allow for pumps and discharge lines.
19. Rig up Halliburton wireline equipment and run 7/8-inch weight section to determine sand fillup in the 4-1/2-inch O.D. casing. Shut well in overnight.
20. Run short production test through separator. Release rig.

GENERAL INFORMATION

- I. The following material will be required.
 1. 6200 feet 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing.
 2. One 6-inch 5000 psi double gate blowout preventer with 2-3/8-inch pipe rams on top and blind rams on bottom.
 3. One 6-inch 3000 psi stripper head with 2-3/8-inch rubber.
 4. One 6-inch 5000 psi shooting flange tapped 5-1/2-inch O.D., 8 round thread, LT&C.
 5. One NSCo. Type H-1 tubing hanger tapped for 2-3/8-inch O.D., 8 round thread, EUE tubing.
 6. One 2-3/8-inch Baker blast joint, approximately three feet long, double pin 2-3/8-inch 8 round thread EUE.
 7. One 2-3/8-inch 8 round thread EUE collar.
 8. One 2-3/8-inch 8 round thread EUE by 2-3/8-inch seal lock change nipple.
 9. One 2-3/8-inch seal lock combination closing tool-tubing shoe with aluminum plug.
 10. Five 300 barrel storage tanks and one 210 barrel test tank.
 11. One test separator and test lines.
 12. Wellhead.

II. Material required for the sand-oil treatment.

1. 1600 barrels drip oil

95 barrels - displace water out of casing
22 barrels - load tubing and pump out plug
60 barrels - breakdown fluid
1072 barrels - fracturing fluid
98 barrels - displacement
253 barrels - contingency
1600 barrels - total

2. 2625 pounds Adomite.

3. 171 gallons FR-5.

4. 42,000 pounds 20-40 mesh Ottawa sand.

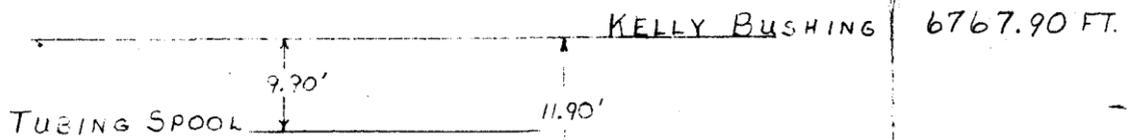
5. 70 7/8-inch O.D. rubber coated nylon ball sealers.

DRAWN 4-6-72 BY FJC

PRESENT STATUS DRAWING
 UNIT WELL NO. 18
 CLAY BASIN FIELD

SCHEMATIC NO. 1
 DRAWN TO SCALE

DRILLED BY ROTARY
 MARCH 1972



SURFACE CASING

	NET	GROSS
1- NATIONAL 10" SERIES 900 FLANGE	1.58	1.86
10 JTS. 9 5/8" O.D. AMOCO CASING, 32.3#, H-40, ST+C	302.35	305.15
1- BAKER 9 5/8" GUIDE SHOE	1.23	1.23
TOTAL	305.16	307.96

ABOVE CASING LANDED AT 317.06 FT. KBM OR 11.90 FT. KB, WELDED TO THE BOTTOM OF ALL CASING COLLARS. CEMENTED WITH 722 SACKS REGULAR CEMENT TREATED WITH 1518 POUNDS LOWELL 2425. THE TIP OF THE 10" SERIES 900 CASING FLANGE IS AT GRADE LEVEL. CEMENT RETURNED TO SURFACE.

9 5/8" O.D., 32.3# H-40, ST+C CASING LANDED AT 317.06 FT. KBM.

PRODUCTION CASING

	NET	GROSS
1- PIECE 4 1/2" O.D., 11.6# N-80 8RD THD, LT+C CASING	20.74	21.19
197 JTS. 4 1/2" O.D., 11.6# N-80 8RD THD, LT+C CASING	6089.40	6138.65
1- BAKER TYPE G FLOAT COLLAR	1.68	1.93
1- JT. 4 1/2" O.D., 11.6# N-80, 2RD THD, LT+C CASING	33.37	33.59
1- BAKER GUIDE SHOE	0.78	0.78
TOTAL	6146.14	6196.14

ABOVE CASING LANDED AT 6158.04 FT. KBM OR 11.90 FT. BELOW KB IN A 10" 3000 PSI CASING FLANGE. CEMENTED WITH 563 SACKS 50-50 POZMIX WITH 2% GEL, DISPLACED WITH 95 BARRELS OF WATER. INSTALLED 10" 900 BY 6" 1500 TUBING SPOOL.

CALCULATED CEMENT FILL UP BEHIND 4 1/2" O.D. CASING IS 4400 FT. KBM

4 1/2" O.D., 11.6# N-80, 8RD THD, LT+C CASING LANDED AT 6158.04 FT. KBM.

TD 6300 FT KBM

W

157

INTEROFFICE COMMUNICATION

R. G. MYERS
FROM R. G. Myers
TO B. W. Croft

Rock Springs, Wyoming
CITY **STATE**
DATE May 22, 1972

SUBJECT .Tentative Plan to Complete
Unit Well No. 19
Clay Basin Field

Attached for your information and files is a tentative plan to complete the above-captioned well.

RGM/gm

Attachment

cc: J. T. Simon
L. A. Hale (6)
J. E. Adney
Geology (2)
D. E. Dallas (4)
C. F. Rosene
E. J. Widic
U.S.G.S. 
State
A. A. Pentila
P. E. Files (4)

From: F. J. Clausen

Rock Springs, Wyoming

To: T. M. Colson

May 5, 1972

Tentative Plan to Complete
Unit Well No. 19
Clay Basin Field

Present status of well is as follows:

- a. 9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing landed at 313.52 feet KBM.
- b. 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing landed at 5890.52 feet KBM.
- c. The cement behind the 4-1/2-inch O.D. casing was in place at 6:30 P.M., April 7, 1972. Calculated cement top at 4400 feet KBM.
- d. A 10-inch 3000 psi by 6-inch 5000 psi crossover tubing spool was installed and the seals pressure tested to 2000 psi. This leaves a 6-inch 5000 psi flange looking up.

One producing zone was indicated by open hole drill stem tests.

Drill Stem Test No. 1

Depth 5481 feet, packers 5388 feet and 5394 feet

Frontier 32 foot sandstone, 52 unit gas increase

10 1/2 hour, ISI 1-1/2 hours, FO 132 minutes, FSI 4 hours, opened strong, gas to surface in 11 minutes, 1/4 hour 169 MCF, 1/2 hour 319 MCF; reopened strong, gas at once. 1/4 hour 526 MCF, 1/2 hour 603 MCF, 3/4 hour 687 MCF, 1 hour 749 MCF, 1-1/4 hours 773 MCF, 1-1/2 hours 817 MCF, 1-3/4 hours 817 MCF, 2 hours 817 MCF. Recovered 363 feet mud (9.4 ppg, Res. 3.4 at 68°F.). IHP 2583, IOFP's 85-106, ISIP 2288, FOFP's 106-128, FSIP 2288, FHP 2625. BHT 130°F. Pit mud: 9.3 ppg, Res. 3.2.

A tentative plan to complete the well follows:

NOTE: KB is 9.90 feet above the 6-inch 5000 psi tubing spool.

1. Move in and rig up a contract workover rig.
2. Install a 6-inch 5000 psi double gate hydraulically operated blowout preventer with 2-3/8-inch rams on top and blind rams on bottom.
3. Rig up Dresser Atlas and run cement bond PFC log from plug back depth to the top of the cement behind the 4-1/2-inch O.D. casing. Cement fillup behind the casing is calculated at 4400 feet KBM and the plugged back depth is at approximately 5854 feet KBM. Correlate the Dresser Atlas gamma ray log with the

Schlumberger borehole compensated formation density log run April 6, 1972, and make any depth adjustments that are necessary.

4. Run a 3-3/4-inch bit on 2-3/8-inch O.D., 4.6-pound, J-55, seal lock tubing to check plugged back depth.
5. Using Halliburton pump truck, pressure test casing and tubing rams to 5000 psi for 15 minutes. The minimum internal yield for new 4-1/2-inch O.D., 11.6-pound, N-80 casing is 7120 psi and the wellhead has a working pressure of 5000 psi with a test pressure of 10,000 psi. Land tubing on the NSCo. Type H-1 tubing hanger and pressure test casing and blind rams to 5000 psi for 15 minutes.
6. Displace the water out of the casing from plug back depth to surface with drip oil treated with 0.05-pound Adomite and 0.003 gallon FR-5 per gallon drip oil. Approximately 91 barrels will be required. Pull tubing and stand in derrick.
7. Rig up Dresser Atlas lubricator and perforate the Frontier formation with two Golden Jet shots per foot as follows:

5396 feet to 5406 feet KBM
5448 feet to 5476 feet KBM

In all a total of 38 feet will be perforated with 76 holes. Log the casing perforations and record any surface pressure.

8. Install a 6-inch 3000 psi stripper head with a 2-3/8-inch rubber. Run and land the 2-3/8-inch O.D. seal lock tubing at approximately 5360 feet KBM as follows:

(Top of String in Well)

1 NSCo. Type H-1 tubing hanger tapped for 2-3/8-inch O.D., 8 round thread, EUE tubing.

1 Baker 2-3/8-inch blast joint (2-3/8-inch 8 round thread EUE double pin) approximately three feet long.

- 1 2-3/8-inch 8 round thread EUE collar.
- 1 2-3/8-inch 8 round thread EUE by 2-3/8-inch seal lock change nipple.
Approximately 5345 feet 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing.
- 1 Shop made 2-3/8-inch seal lock combination closing tool-tubing shoe with aluminum plug.
9. Remove blowout preventer and stripper head. Install upper portion of wellhead.
10. Rig up three HT-400 pump trucks and one pressurized blender in order to apply sand-oil treatment to above casing perforations down the 2-3/8-inch O.D. tubing and 2-3/8-inch O.D. tubing by 4-1/2-inch O.D. casing annulus, simultaneously. Install a frac-ball injector in the discharge line going to the tubing and a pressure recorder on one of the discharge lines going to the casing. A fracometer will be used during the sand-oil treatment. A Halliburton fire truck and mechanic will be on location. The annulus between the 9-5/8-inch O.D. casing and the 4-1/2-inch O.D. casing should be open and observed during the fracturing operations.
11. Pressure test surface lines from pump trucks to wellhead to 7000 psi. With one pump truck, fill the 2-3/8-inch O.D. tubing with drip oil treated with 0.05-pound Adomite and 0.003 gallon FR-5 per gallon drip oil and pump out plug. Twenty-one barrels will be required. Using all three pump trucks, pump 60 barrels (2520 gallons) drip oil treated as above in order to obtain breakdown pressure and injection rate. During this time, observe surface lines, connections and wellhead for leaks. If breakdown pressure is 5500 psi or less, proceed with sand-oil treatment.
12. Apply the sand-oil treatment in the following manner: All drip oil will be treated with 0.05-pound Adomite and 0.003 gallon FR-5 per gallon drip oil

except that used during the flush, and all sand will be 20-40 mesh Ottawa.

Do not exceed a maximum surface pump pressure of 6500 psig.

- A. Pump 5000 gallons drip oil mixed with 1/2 ppg sand.
- Pump 5000 gallons drip oil mixed with 3/4 ppg sand.
- Pump 5000 gallons drip oil mixed with 1 ppg sand.

B. Inject 40 7/8-inch O.D. rubber coated nylon ball sealers.

- 13. Repeat Item No. 12, Part A only. Displace the drip oil-sand-Adomite-FR-5 mixture with 94 barrels drip oil treated with 0.003 gallon FR-5 per gallon drip oil. This represents the capacity of the casing and tubing to the top of the perforations at 5396 feet KBM plus 18 barrels in order to allow for pumps and discharge lines.
- 14. Rig up Halliburton wireline equipment and run 7/8-inch weight section to determine sand fillup in the 4-1/2-inch O.D. casing. Shut well in overnight.
- 15. Run short production test through separator. Release rig.

GENERAL INFORMATION

I. The following material will be required:

- 1. 5900 feet 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing.
- 2. One 6-inch 5000 psi double gate blowout preventer with 2-3/8-inch tubing rams on top and blind rams on bottom.
- 3. One 6-inch 3000 psi stripper head with 2-3/8-inch rubber.
- 4. One 6-inch 5000 psi shooting flange tapped for 5-1/2-inch O.D., 8 round thread EUE.
- 5. One NSCo. Type H-1 tubing hanger tapped for 2-3/8-inch O.D., 8 round thread, EUE tubing.
- 6. One 2-3/8-inch Baker blast joint, approximately three feet long, double pin 2-3/8-inch 8 round thread EUE.
- 7. One 2-3/8-inch 8 round thread EUE collar.
- 8. One 2-3/8-inch 8 round thread EUE by 2-3/8-inch seal lock change nipple.

9. One 2-3/8-inch seal lock combination closing tool-tubing shoe with aluminum plug.
10. One test separator and test lines.
11. Wellhead with gauges and 1/2-inch valves.
12. Four 300 barrel tanks will be used for drip oil storage.
13. One 3-3/4-inch bit and changeover subs.

II. The following material will be used during the sand-oil treatment.

1. Drip Oil

91 barrels	-	load hole
21 barrels	-	fill tubing
60 barrels	-	breakdown
714 barrels	-	treating fluid
94 barrels	-	displacement
<u>220</u> barrels	-	contingencies
1200 barrels	-	total

2. 1862 pounds Adomite
3. 124 gallons FR-5
4. 22,500 pounds 20-40 mesh Ottawa sand.
5. 40 7/8-inch O.D. rubber coated nylon ball sealers.

III. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

SCHEMATIC NOT
DRAWN TO SCALE

PRESENT STATUS DRAWING
UNIT WELL NO. 19
CLAY BASIN FIELD

KELLY BUSHING 6446.90 FT.

TUBING SPOOL 9.90

SURFACE ELEVATION 6435 FT.

SURFACE CASING

	NET	GROSS
1- NSCo. 10" 3000 PSI CASING	1.59	1.59
FLANGE		
10 Jts. 9 5/8" O.D. 32.3# H-40		
8 RD THD, ST+C CASING	298.71	301.52
1-BAKER GUIDE SHOE	1.22	1.22
TOTAL	301.52	304.33

ABOVE CASING LANDED AT 313.42 FT. KBM OR 11.90 FT. BELOW KB. ALL JOINTS AND GUIDE SHOE WERE SPOT WELDED ABOVE AND BELOW COLLARS. CEMENTED WITH 323 SACKS REGULAR CEMENT TREATED WITH 1518 POUNDS O43A. RETURNED 42 SACKS CEMENT TO SURFACE.

9 5/8" O.D. 32.3# H-40, 8 RD, ST+C CASING LANDED AT 313.42' KBM

PRODUCTION CASING

	NET	GROSS
1-Pc. 4 1/2" O.D. 11.6# N-80	19.60	19.85
8 RD THD, LT+C CASING		
178 Jts. 4 1/2" O.D. 11.6# N-80	5823.18	5867.68
8 RD THD, LT+C CASING		
1-BAKER DIFFERENTIAL	1.60	1.85
FILLUP COLLAR		
1 JT. 4 1/2" O.D. 11.6# N-80	33.49	33.74
8 RD THD, LT+C CASING		
1-BAKER GUIDE SHOE	.75	.75
TOTAL	5878.62	5923.87

ABOVE CASING LANDED AT 5890.52 FT. KBM OR 11.90 FT. BELOW KB IN A NSCo. 10" 3000 PSI CASING FLANGE. CEMENTED WITH 440 SACKS 50-50 POZ MIX TREATED WITH 270 GEL. INSTALLED A NSCo. 10" 3000 PSI BY 6" 5000 PSI TUBING SPOOL.

CALCULATED CEMENT TOP AT 4400 FT. KBM.

4 1/2" O.D. 11.60# N-80, 8 RD THD, LT+C CASING LANDED AT 5890.52 FT. KBM.

TD 5900 FT KBM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
SL - 045051-b

6. IF INDIAN, 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.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
Clay Basin Unit

2. NAME OF OPERATOR
Mountain Fuel Supply Company

8. FARM OR LEASE NAME
Unit Well

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.
19

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

10. FIELD AND POOL, OR WILDCAT
Clay Basin

710' FSL, 500' FEL SE SE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE SE 17-3N-24E., S.L.M.

14. PERMIT NO.
43-009-30008

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6446.90' GR 6435'

12. COUNTY OR PARISH
Daggett

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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Supplementary history</u> <input checked="" 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.)*

TD 5900', PBD 5843', preparing to test.

Rigged up work over unit on 6-11-72, checked plugged back depth at 5843' KBM, perforated from 5390' to 5400' and from 5441' to 5469' with 2 holes per foot, landed 2-3/8" tubing at 5342.66' KBM, applied 30,000 gallons treated drip oil and 1/2 to 1 ppg 20-40 mesh sand to perforations.

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

SIGNED B. M. Croft, Jr.

Vice President,
Gas Supply Operations

DATE June 14, 1972

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

SL - 045051-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

19

10. FIELD AND POOL, OR WILDCAT

Clay Basin - Frontier

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

SE SE 17-3N-24E., S.L.M.

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 710' FSL, 500' FEL SE SE
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED 3-21-72	16. DATE T.D. REACHED 4-6-72	17. DATE COMPL. (Ready to prod.) 6-15-72	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 6446.99' GR 6435'	19. ELEV. CASINGHEAD -
-----------------------------	---------------------------------	---	---	---------------------------

20. TOTAL DEPTH, MD & TVD 5900	21. PLUG, BACK T.D., MD & TVD 5843	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS 0-5900'	CABLE TOOLS -
-----------------------------------	---------------------------------------	-----------------------------------	---	------------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5390-5400' and 5441-5469' - Frontier

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Formation Density, Dual Induction Laterolog

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	32.3	313.42	13-3/4	323	0
4-1/2	11.6	5890.52	7-7/8	440	0

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	5342.66	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5390-5400'	jet, 2 holes per foot	5390-5469	30,000 gallons treated drip oil and 1/2 to 1 ppg 20-40 mesh sand
5441-5469'	jet, 2 holes per foot		

33.* PRODUCTION

DATE FIRST PRODUCTION Shut in	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 6/14-15/72	HOURS TESTED 20-1/2	CHOKE SIZE 24/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 6370	WATER—BBL. 0
FLOW. TUBING PRESS. 1100	CASING PRESSURE 1500	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 6370	WATER—BBL. 0	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Logs as above, Well Completion to be sent at a later date.

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

SIGNED B. W. Croft TITLE Vice President, Gas Supply Operations DATE June 16, 1972

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

PW

INSTRUCTIONS

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

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Log tops:	0'		
				Mancos	5379'		
				Frontier	5564'		
				Mowry	5731'		
				Dakota	5860'		
				Morrison			

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Log tops:	0'		
Mancos	5379'		
Frontier	5564'		
Mowry	5731'		
Dakota	5860'		
Morrison			

JUN 2 1972

PW

COMPLETION REPORT

Well: Clay Basin Unit #19 Date: June 27, 1972

Area: Clay Basin Field Lease No: SL-045051-b

New Field Wildcat Development Well Shallower Pool Test

New Pool Wildcat Extension Deeper Pool Test

Location: 710 feet from South line, 500 feet from East line
SE 1/4 SE 1/4

Section 17, Township 3 North, Range 24 East

County: Daggett State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 6447 Gr 6435 Total Depth: Driller 5902 Log 5902

Drilling Commenced: March 21, 1972 Drilling Completed: April 6, 1972

Rig Released: April 8, 1972 Well Completed: June 15, 1972

<u>Sample Tops:</u> (unadjusted)	<u>Log Tops:</u>	<u>Structural Elev.</u>
Frontier 5392'	5379'	(+1068')
Mowry 5549'	5564'	(+883')
Dakota 5732'	5732'	(+715')
Morrison 5836'	5860'	(+587')

Sample Cuttings: 10-foot intervals 5000' to 5900'
1 dry cut to Rock Springs

Status: Shut-in gas well

Producing Formation: Frontier Formation

Perforations: 5390'-5400' w/2 holes per foot, 5441'-5469' w/2 holes per foot

Stimulation: 30,000 gallons treated drip oil and sand mixture.

Production: 6370 Mcf

Plug Back Depth: 5843' PBD

Plugs: One 5843'to TD

Hole Size: 13 3/4" surface to 325'; 7 7/8" 325'-5902'

Casing/Tubing: 9 5/8" @ 313.42' w/323 sacks cement; 4 1/2" @ 5890.52' w/440 sacks cement;
2 3/8" @ 5342.66'.

Logging - Mud: 10-foot intervals from 5000' to TD

Mechanical: Schlumberger Dual Induction-Laterlog 315'-5896'; Compensated
Formation Density 4400'-5900'; Formation Factor Log 4400'-5900'

Contractor: Loffland Brothers Company

Completion Report Prepared by: Larry W. McClurg and J. W. Langman

Remarks: Only the Frontier was tested. The Dakota Formation had been shown to
clearly be depleted when it was tested at Clay Basin Unit #18.

pw

COMPLETION REPORT (cont.)

Well: Clay Basin Unit #19

Area: Clay Basin

Cored Intervals (recovery): None

Tabulation of Drill Stem Tests:

<u>No.</u>	<u>Interval</u>	<u>IHP</u>	<u>IFP (min.)</u>	<u>ISIP (min.)</u>	<u>FFP (min.)</u>	<u>FSIP (min.)</u>	<u>FHP</u>	<u>Samples Caught</u>	<u>Remarks</u>
1	5394-5481	2619	81-143 (28)	2307 (89)	171-158 (120)	2295 (255)	2585	Gas from separator Mud from drill pipe	Rec. 363' drilling mud. Gauged a maximum of 817 Mcf

pub

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

Budget Bureau No. 42-2244.6
Approval expires 12-31-60.

Office SLC
Lease Number _____
Unit Clay Basin

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUN 1972,

Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
Salt Lake City, Utah 84111 Signed E. Murphy

Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										<u>R.D. Murphy B</u>
										<u>SLC 045051-B Clay Basin Unit Well No. 19</u>
<u>SE SE 17</u>	<u>3N</u>	<u>24E</u>	<u>19</u>							<u>Spud, March 21, 1972</u> <u>T. D. 5,900'</u> <u>PBD 5843'</u> <u>Shut in</u>

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



MOUNTAIN FUEL SUPPLY COMPANY
TRANSMISSION AND PRODUCTION ROCK SPRINGS, WYOMING
MEASUREMENT EQUIPMENT INSPECTION REPORT

3N 24E 17

LOCATION: **Clay Basin m.s. # 7** COUNTY **DAGGETT** STATE **UTAH** DATE **10-14-82**

STATION OR CUSTOMER **Clay Basin # 19** TIME OF TEST AM **1:00** PM

ORIFICE METER MAKE **Foxboro** SERIAL NO. **2508674** TYPE **37** CHART NO. **89N418L** STATIC CON. **D.S.** PEN ARC **OK** CLOCK ROT. **31 DAY**
METER RANGE INCHES **100** POUNDS **1000** ATMOS. PRESS. **11.6** IS ATMOS SET ON CHART? Yes No TYPE OF CHART USED Sq. Root Linear

METER READING DEAD WEIGHT CHECK STATIC FOUND **5.43** STATIC LEFT **5.43** Diff. Found **0** Diff. Left **0** Temp. Found **47** Temp. Left **48** Time Lag **6 hrs**
D. W. Press. **283**
Atmos. Press. **11.6**
Static Pen Set **294.6**

DIFFERENTIAL TEST								STATIC TEST								
AS FOUND				AS LEFT				AS FOUND				AS LEFT				SQ. RT. VALUE, AS LEFT $\sqrt{\frac{294.6 \times 100}{1000}} = 5.43$
UP		DOWN		UP		DOWN		D. W. Meter		D. W. Meter		THERMOMETER				
Man.	Meter	Man.	Meter	Man.	Meter	Man.	Meter									
0	0	80	80	0		80										
10	10	60	60	10		60										
30	30	40	40	30	SAME	40										
50	50	20	20	50		20										
70	70	0	0	70		0										
90	90			90												
								MAKE - Foxboro RANGE 0° TO 150° F SERIAL NO. 2508674								
				AS FOUND				AS LEFT								
UP		DOWN		UP		DOWN		UP		DOWN		UP		DOWN		
Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	

ORIFICE PLATE Size **3" x 1.500"** Edges Sharp? Orifice Condition Damaged? Dirty? Micro Horizontal Micro Vertical
ORIFICE FITTING OR UNION Make - **DANIEL** Type - **Simplex** Serial No. **ASA 600** Line Size **3.068** I.D. **3.068**
Meter Tube Upstream ID Downstream ID

TELEMETERING															
DIFFERENTIAL								PRESSURE							
FOUND				LEFT				FOUND				LEFT			
UP		DOWN		UP		DOWN		UP		DOWN		UP		DOWN	
TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS
0%		100%		0%		100%		0%		100%		0%		100%	
25%		75%		25%		75%		25%		75%		25%		75%	
50%		50%		50%		50%		50%		50%		50%		50%	
75%		25%		75%		25%		75%		25%		75%		25%	
100%		0%		100%		0%		100%		0%		100%		0%	

GRAVITY: _____ ATMOS. TEMP _____
REMARKS: **Adj Temp**
M.F.S. CO. TESTER: **Doug Walter**
WITNESS: _____

PLACE LEFT INSIDE EDGE OF ORIFICE PLATE ON ARROW AND MARK BOTH INSIDE EDGES ON SCALE

9.25
9.00
8.75
8.50
8.25
8.00
7.75
7.50
7.25
7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
5.00
4.75
4.50
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3.00
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2.25
2.00
1.75
1.50
1.25
1.00
.75
.50
.25
.00



MOUNTAIN FUEL SUPPLY COMPANY

180 EAST FIRST SOUTH • P. O. BOX 11368 • SALT LAKE CITY, UTAH 84139 • PHONE (801) 534-5555

April 10, 1984

Working Interest Owners
Clay Basin Unit
Daggett County, Utah and
Sweetwater County, Wyoming

Gentlemen:

Mountain Fuel Supply Company, as designated operator of the Clay Basin Unit, hereby resigns as Unit Operator under the provisions of Section 4 of the Unit Agreement subject to: WEXPRO Company being designated successor Unit Operator by the committed working interest owners and approval by the Bureau of Land Management.

WEXPRO Company, a wholly owned second tier subsidiary company of Mountain Fuel Supply Company, has assumed all of the development and producing operations of Mountain Fuel. Office and operating personnel have been transferred to WEXPRO so there will be no physical change in operations.

MOUNTAIN FUEL SUPPLY COMPANY

BY:

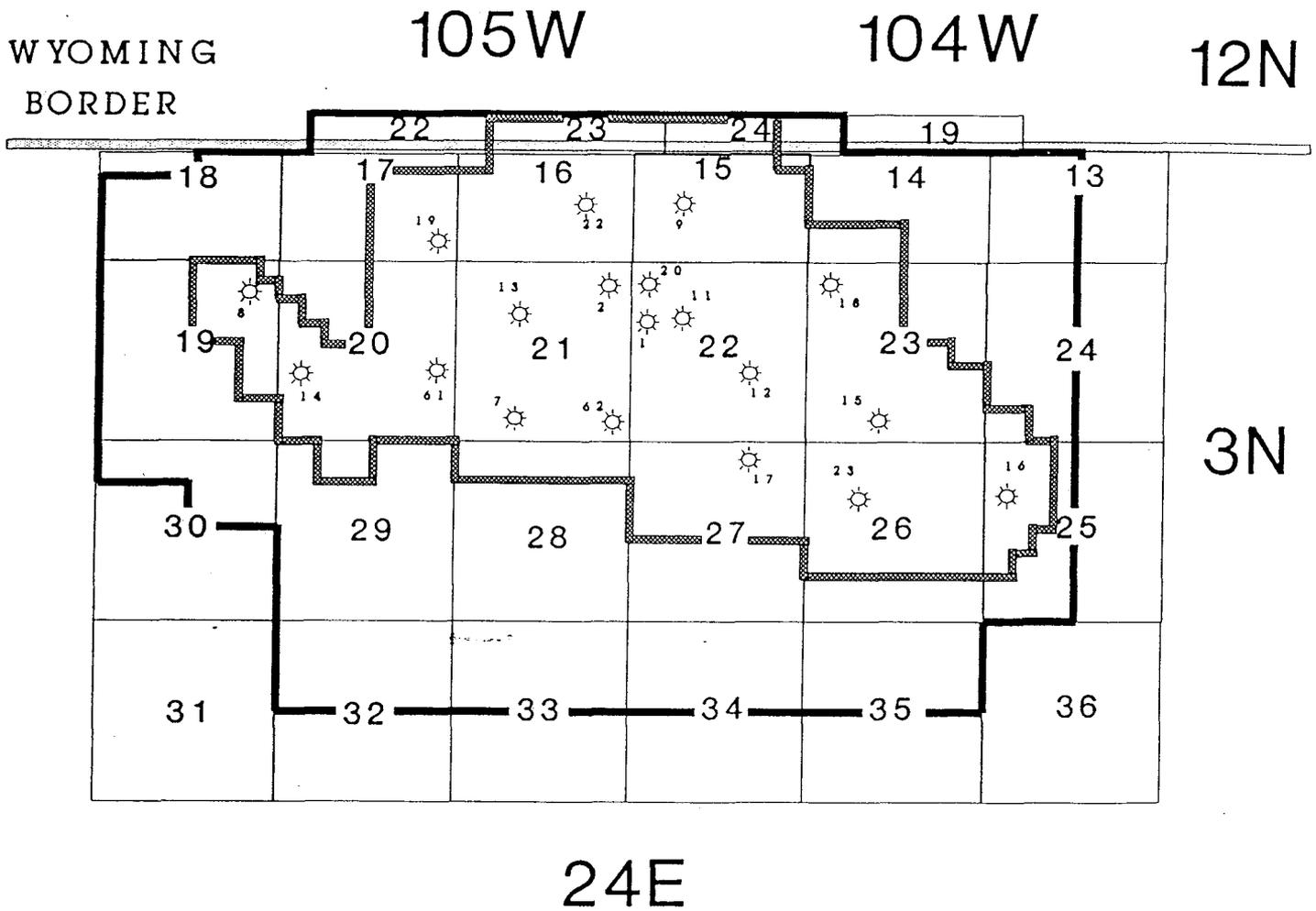


W. F. Edwards
Vice President

cc: Mr. E. W. Guynn
Chief, Branch of Fluid Minerals
Bureau of Land Management
136 East South Temple
University Club Building, 11th Floor
Salt Lake City, UT 84111

CLAY BASIN UNIT

Daggett County, Utah



— UNIT OUTLINE (UTU63009X)
 - - - FRONTIER PA

11,162.43 ACRES

FRONTIER PA ALLOCATION	
FEDERAL	82.17194%
STATE	9.63096%
FEE	8.19710%
4,765.64 Acres	



IN REPLY REFER TO

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
136 E. SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111

April 26, 1984

WEXPRO Company
P.O. Box 11368
Salt Lake City, Utah 84139

Re: Successor Unit Operator
Clay Basin Unit
Daggett County, Utah and
Sweetwater County, Wyoming

Gentlemen:

On April 26, 1984, we received an indenture dated April 10, 1984, whereby Mountain Fuel Supply Company resigned as Unit Operator and WEXPRO Company is accepted as Successor of Unit Operator for the Clay Basin Unit Agreement, Daggett County, Utah and Sweetwater County, Wyoming.

The indenture was executed by both parties. The signatory parties have complied with Section 6 of the unit agreement. The instrument is hereby accepted effective as of April 26, 1984. Please advise all interested parties of the change in unit operator.

Sincerely,

E. W. Guynn
Chief, Branch of Fluid Minerals

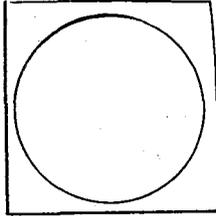
Enclosure

RECEIVED
APR 30 1984

WEXPRO COMPANY
LANDS & LEASING



access



tank w/ wellhead

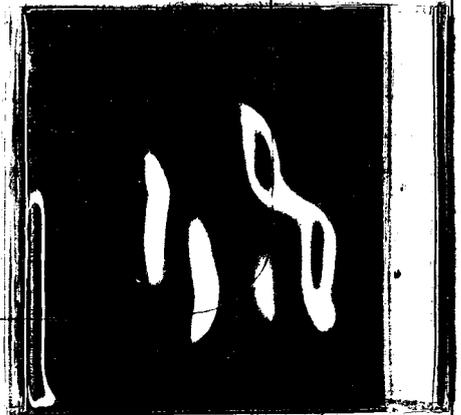


emergency pt



dehydrator

○ well head.



42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-383 200 SHEETS 5 SQUARE



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
SL-045051-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION

CLAY BASIN

8. WELL NAME AND NO.

UNIT NO. 19

9. API WELL NO.

43-009-30008

10. FIELD AND POOL, OR EXPLORATORY AREA

CLAY BASIN

11. COUNTY OR PARISH, STATE

DAGGETT, UTAH

SUBMIT IN TRIPLICATE

1. TYPE OF WELL

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

710' FSL, 500' FEL, SE SE
17-3N-24E, SLM

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

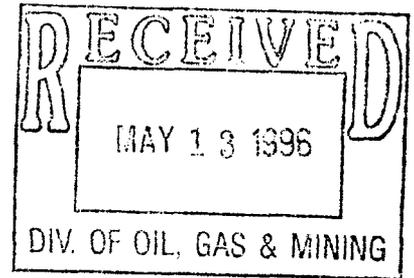
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other UNDESIRABLE EVENT
 Change in Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

Clay Basin Well No. 19 was shut-in March 5, 1996 and the tank was gauged on March 31, 1996. The production tank was again gauged April 30, 1996 to prepare the April instorage report. At this time it was found that 20.89 barrels of product had leaked to the production pit through a bad valve. It appears that it was a slow leak and no recoverable condensate remained in the pit.

The valve has been isolated and no further leakage is occurring.



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

Signed *[Signature]*

Title

Operations Manager

Date

05/10/96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN JOOSTEN
 WEXPRO COMPANY
 PO BOX 11070
 SALT LAKE CITY UT 84147

UTAH ACCOUNT NUMBER: N1070

REPORT PERIOD (MONTH/YEAR): 9 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CLAY BASIN UNIT 14 4300915638 01025 03N 24E 20	FRTR					
✓ CLAY BASIN UNIT 15 4300915639 01025 03N 24E 23	FRTR					
✓ CLAY BASIN UNIT #16 4300930003 01025 03N 24E 25	FRTR					
✓ CLAY BASIN UNIT #17 4300930004 01025 03N 24E 27	FRTR					
✓ CLAY BASIN UNIT #18 4300930006 01025 03N 24E 23	FRTR					
✓ CLAY BASIN UNIT #20 4300930007 01025 03N 24E 22	FRTR					
→ ✓ CLAY BASIN UNIT #19 ← 4300930008 01025 03N 24E 17	FRTR					
✓ CLAY BASIN UNIT #23 4300930009 01025 03N 24E 26	FRTR					
✓ CLAY BASIN UNIT #22 4300930010 01025 03N 24E 16	FRTR			ml-807		
✓ CLAY BASIN UNIT #61 4300930060 01025 03N 24E 20	FRTR					
✓ CLAY BASIN UNIT #62 4300930061 01025 03N 24E 21	FRTR					
CARTER-LEVERTON STATE 1 4303710529 01031 33S 26E 32	ISMY					
PIUTE KNOLL #1 4303730097 01032 33S 25E 26	ISMY					
TOTALS						

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

OPERATOR CHANGE WORKSHEET

1-LEC	6-LEC
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

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: 4-26-84

TO: (new operator) WEXPRO COMPANY
 (address) PO BOX 11070
SALT LAKE CITY UT 84147

 Phone: (801)530-2586
 Account no. N1070

FROM: (old operator) MOUNTAIN FUEL SUPPLY CO
 (address) 180 E 100 S
SALT LAKE CITY UT 84139

 Phone: (801)534-5267
 Account no. N0680

WELL(S) attach additional page if needed:

***CLAY BASIN UNIT**

Name: **SEE ATTACHED**	API: _____	Entity: _____	S	T	R	Lease: _____
Name: _____	API: _____	Entity: _____	S	T	R	Lease: _____
Name: _____	API: _____	Entity: _____	S	T	R	Lease: _____
Name: _____	API: _____	Entity: _____	S	T	R	Lease: _____
Name: _____	API: _____	Entity: _____	S	T	R	Lease: _____
Name: _____	API: _____	Entity: _____	S	T	R	Lease: _____
Name: _____	API: _____	Entity: _____	S	T	R	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). ** See comments.*
- N/A 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). ** See comments.*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- LEC 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- N/A 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. ** See comments.*
- N/A 6. Cardex file has been updated for each well listed above. ** See comments.*
- LEC 7. Well file labels have been updated for each well listed above. (11-6-96)
- N/A 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. ** See comments.*
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 12-30-96.

FILING

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

COMMENTS

961106 Doan Computer & Perdex updated 4/84.
Labels & well files being updated now; error caught by "Well Records".

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
SEE ATTACHED SHEET

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION
CLAY BASIN
UNIT AGREEMENT # 892000323B

8. WELL NAME AND NO.
SEE ATTACHED SHEET

9. API WELL NO.
SEE ATTACHED SHEET

10. FIELD AND POOL, OR EXPLORATORY AREA
CLAY BASIN

11. COUNTY OR PARISH, STATE
DAGGET COUNTY UTAH

SUBMIT IN TRIPLICATE

1. TYPE OF WELL
OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.
P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

SEE ATTACHED SHEET

1-CHD
2-Platts
3-Sub
Copy for lease well on back of Sundry

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF N
TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other VARIANCE

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

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

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

Wexpro Company is requesting a variance from the requirement to install Enardo vent stack valves on the storage tanks for the wells listed on the attached sheet. This request is due to the potential freezing problems encountered with the Enardo vent stack valves. In the past storage tanks have been over pressured, as they could not vent, and once over pressured ruptured causing the top of the tank to be thrown from the tank. The potential tank damage, loss of fluids, fire and ground contamination are our primary safety and environmental concerns for this request.

RECEIVED

OCT 28 2002

DIVISION OF
OIL, GAS AND MINING

Accepted by the
Utah Division
Oil, Gas and Mining

Date: _____
By: *List of wells on back.*

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR
DATE: *10-29-02*
BY: *CHD*

14. I hereby certify that the foregoing is true.

Signed *[Signature]*

Title G. T. Nimmo, Operations Manager

Date October 21, 2002

(This space for Federal or State office use)

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

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

<u>WELL NAME</u>	<u>API NUMBER</u>	<u>LEGAL DESCRIPTION</u>	<u>COUNTY, STATE</u>	<u>UNIT CAPA NUMBER</u>	<u>LEASE NUMBER</u>
<u>CLAY BASIN FIELD UNIT</u>				892000323B	
UNIT NO. 1	4300915625	SW NW 22-3N-24E	DAGGETT, UT		SL-045051-a
UNIT NO. 7	4300915631	SE SW 21-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 8	4300915632	NE NE 19-3N-24E	DAGGETT, UT		SL-062508
UNIT NO. 9	4300915633	NE SW 15-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 12	4300915636	NW SE 22-3N-24E	DAGGETT, UT		SL-045051-a
UNIT NO. 13	4300915637	SE NW 21-3N-24E	DAGGETT, UT		SL-045051-a
UNIT NO. 14	4300915638	NW SW 20-3N-24E	DAGGETT, UT		SL-062508
UNIT NO. 15	4300915639	SE SW 23-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 16	4300930003	SW NW 25-3N-24E	DAGGETT, UT		SL-045049
UNIT NO. 17	4300930004	NW NE 27-3N-24E	DAGGETT, UT		SL-045053-a
UNIT NO. 18	4300930006	NW NW 23-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 19	4300930008	SE SE 17-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 20	4300930007	NW NW 22-3N-24E	DAGGETT, UT		SL-045051-a
UNIT NO. 22	4300930001	NW SE 16-3N-24E	DAGGETT, UT		ML-807
UNIT NO. 23	4300930009	SE NW 26-3N-24E	DAGGETT, UT		SL-045053-b
UNIT NO. 61	4300930060	NE SE 20-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 62	4300930061	SE SE 21-3N-24E	DAGGETT, UT		SL-045051-b

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.

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. SL-045051-b
2. Name of Operator Wexpro Company		6. If Indian, Allottee, or Tribe Name N/A
3a. Address P.O. Box 458 Rock Springs, WY 82902	3b. Phone No. (include area code) 307.382.9791	7. If Unit or CA. Agreement Name and/or No. Clay Basin Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 710' FSL 500' FEL SE SE 17-3N-24E		8. Well Name and No. Clay Basin Unit 19
Lat. 40.992 Long. -109.22284		9. API Well No. 43- 009 -30008
		10. Field and Pool, or Exploratory Area Frontier
		11. County or Parish, State Daggett Utah

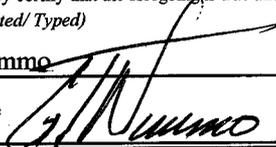
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering 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 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 type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 Notice 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.)

The above well resumed production on December 6, 2007 after being off more than 90 days.

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

Name (Printed/ Typed) G.T. Nimmo	Title Operations Manager
Signature 	Date December 12, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make 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)

RECEIVED

DEC 14 2007

**Federal Approval of this
Action is Necessary**

API Well No: 43009300080000

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: SL-045051B
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: CLAY BASIN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CLAY BASIN UNIT 19
2. NAME OF OPERATOR: WEXPRO COMPANY	9. API NUMBER: 43009300080000
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902	PHONE NUMBER: 307 922-5612 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 0500 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0N Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: CLAY BASIN
	COUNTY: DAGGETT
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/6/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input checked="" type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Wexpro Company and Questar Gas Management intend to upgrade the existing gas metering equipment. The upgrade will consist of the installation of towers and antennas for radio communications. The Rohn tower will be approximately 20 feet high. The cement base will be buried. The base is 2 feet in diameter and 3 feet in height. The Rohn tower will be used to mount the new flow computer and communication equipment needed to communicate volume data from the well sites to a central SCADA computer located at Red Wash. Questar Gas Management will also be replacing the existing EFM and installing a Fisher FB 107, Fisher 205P MVS and a PGI Temperature Element and any other associated equipment. Please see attached diagrams for placement of the Rohn tower and Specification sheets.

Approved by the Utah Division of Oil, Gas and Mining
Date: November 02, 2009
By: *Derek Duff*

NAME (PLEASE PRINT) Paul Jibson	PHONE NUMBER 307 922-5647	TITLE Associate Permit Agent
SIGNATURE N/A	DATE 11/2/2009	

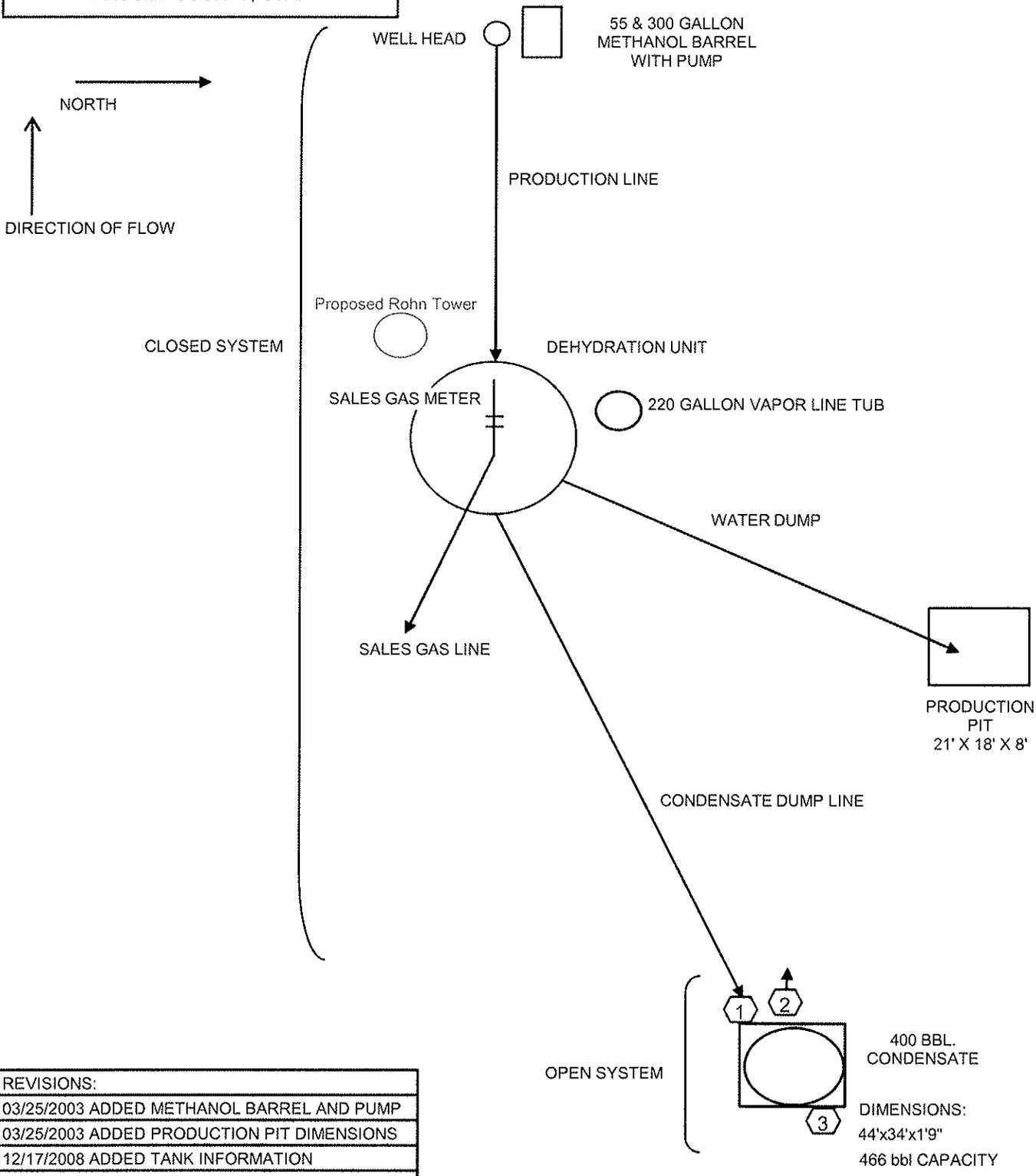
RECEIVED November 02, 2009

WEXPRO COMPANY
P.O. BOX 458
ROCK SPRINGS, WY 82902

CLAY BASIN UNIT WELL 19
 SESE 17-3N-24E
 LEASE NO. SL-045051-b
 UNIT NO. 892000323B
 DAGGET COUNTY, UTAH

NOTE: THIS LEASE FALLS UNDER THE SITE & SECURITY PLAN ESTABLISHED BY WEXPRO COMPANY. THE PLAN CAN BE REVIEWED AT THE WEXPRO OFFICE IN ROCK SPRINGS WYOMING WEEKDAYS BETWEEN 7:00 AM AND 5:00 PM

VALVE LEGEND	
TANK # 309	
VALVE # 1	-- OPEN DURING PRODUCTION, SEALED CLOSED DURING SALES
VALVE # 2	-- OPEN DURING SALES, SEALED CLOSED DURING PRODUCTION
VALVE # 3	-- OPEN ONLY TO DRAIN WATER, SEALED CLOSED DURING PRODUCTION



REVISIONS:
03/25/2003 ADDED METHANOL BARREL AND PUMP
03/25/2003 ADDED PRODUCTION PIT DIMENSIONS
12/17/2008 ADDED TANK INFORMATION
5/29/2009 ADDED VAPOR TUB, LRGR METH TANK

FloBoss™ 107 Flow Manager.

The FloBoss™ 107 Flow Manager introduces a new technology platform to the FloBoss family of flow computers that raises the bar for modularity, versatility, performance, and ease of use. Whether you need a single or multi-run flow computer or few or many I/O points, the new FloBoss 107 can accommodate your needs. The FloBoss 107 is the ideal measurement solution for many natural gas applications. These include, but are not limited to:

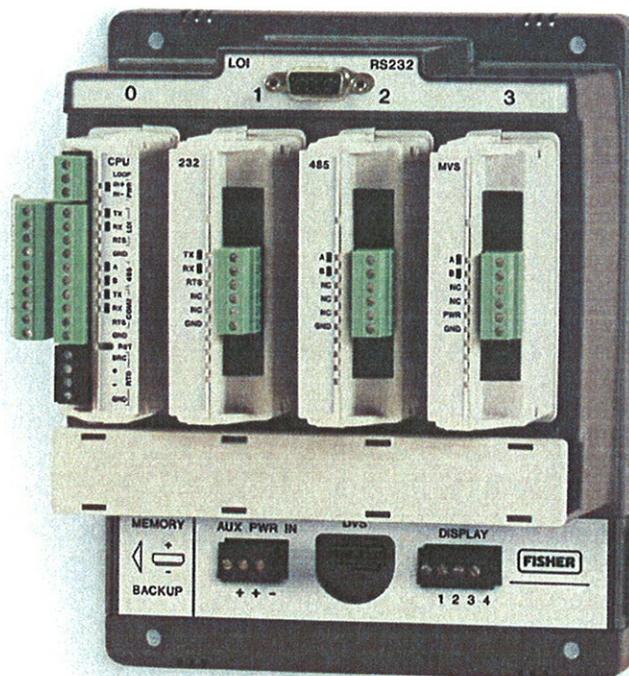
- Custody Transfer
- Wellhead Measurement and Control
- Well Injection Pressure
- Compressor Fuel Gas
- Industrial Gas Usage
- Commercial Gas Usage

The new FloBoss 107 offers you benefits that research has shown flow computer users request. You also get all of the tried and true features of previous FloBoss units such as accurate AGA calculations, data archival, broad communications support, low power consumption, PID loop control, FST control, and operation over extreme temperatures.

API/AGA/ISO Compliant Flow Measurement. The FloBoss 107 maintains API Chapter 21.1 compliant historical archives for measured and calculated values, as well as events and alarms. The firmware has the capability to perform AGA3 orifice flow calculations or AGA7 pulse flow calculations using AGA8 compressibility. It also performs ISO 5167 flow calculations. Other gas flow or properties calculations can be implemented using User C programs.

One to Four Meter Runs. The FloBoss 107 features a built-in dual-variable sensor (DVS) port and RTD input for handling a single meter run. For multiple runs, an optional multi-variable sensor (MVS) module supports up to four remote MVS units.

Scalable and Configurable I/O. You can add a configurable I/O board to the CPU module and up to three configurable I/O modules to the base FloBoss 107. For even more capacity, add an expansion rack to house up to three additional I/O modules.



FloBoss 107 Base Unit

Local or Host Operation. The FloBoss 107 is configured and operated on-site using our Windows® based ROCLINK™ 800 Configuration Software. The FloBoss 107 can also be configured and operated from a computer running popular host software packages. Modbus ASCII and RTU slave or host protocols, as well as native ROC protocol, are supported.

More Communication Choices. The FloBoss 107 comes standard with 3 ports: local operator interface, RS-232, and RS-485. One additional port is supported using an expansion communication module.

Built-in Control Capability. The FloBoss 107 can perform PID control on 8 loops using analog or discrete outputs. A wide range of control problems can be solved easily and quickly with outstanding results. It can also perform logic and sequencing control by means of Function Sequence Tables (FSTs).

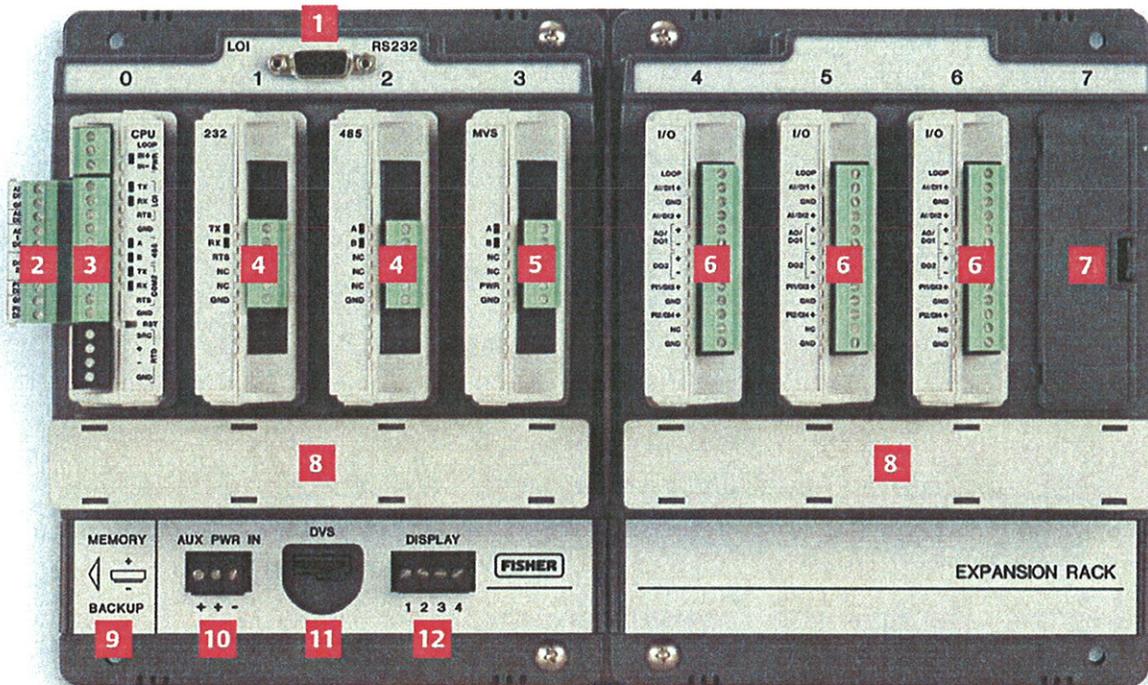
Remote Automation Solutions

Phone (641) 754-3449 Toll Free (800) 807-0730 (US & Canada only)

FAX (641) 754-3630

Website: www.EmersonProcess.com/flow





Base unit (left) provides the backplane, module slots, ports, and electrical interconnections for the FloBoss 107. Dimensions are 204 mm H by 153 mm W by 140 mm D (8 in. H by 6 in. W by 5.5 in. D). Expansion rack (right) plugs into base unit and provides backplane and slots for additional modules. (Same dimensions as base unit).

1 Local operator interface port (RS-232) communicates to a laptop or similar PC device for local configuration and data retrieval.

2 I/O card is available for the CPU module. Five of the six I/O points are configurable by type (AI/DI, AI/DI, AO/DO, DI/PI, DI/PI) and the sixth is a DO.

3 CPU module contains the main processing unit, memory, operational firmware, RS-232 port, RS-485 port, and RTD input.

4 Communication modules are available for a second RS-232 port or RS-485 port.

5 MVS module supports up to six multi-variable sensor units for differential pressure flow measurement. One MVS module can be used in either slot 4 of the base unit or expansion rack.

6 I/O modules provide six I/O points (same as I/O card). Up to six I/O modules can be plugged into the FloBoss 107. 24 Vdc loop power is provided.

7 Module slots accommodate I/O and communication modules and are protected by removable covers when not used.

8 Covered wiring tray neatly routes field wiring to and from modules.

9 Battery compartment uses lithium battery to backup RAM in the CPU.

10 Input power range for the FloBoss 107 and I/O is 8 to 30 Vdc.

11 DVS port provides a serial data link to a dual-variable sensor (DVS) unit.

12 Display port connects a keypad / display unit to the FloBoss 107. Supports ROC and Modbus slave protocols.

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FloBoss and ROCLINK are marks of one of the Emerson Process Management companies. All other marks are the property of their respective owners.

This publication is presented for informational purposes only, and while every effort has been made to ensure its accuracy, its content is not to be construed as a warranty or guarantee, expressed or implied, regarding the products described herein or their use or applicability.

ISO 9001:2000



Certificate No. 004372
Certificate No. 005912

D351406X012 / Printed in USA / 5M / 12-06

RECEIVED November 02, 2009

MVS205 Multi-Variable Sensor

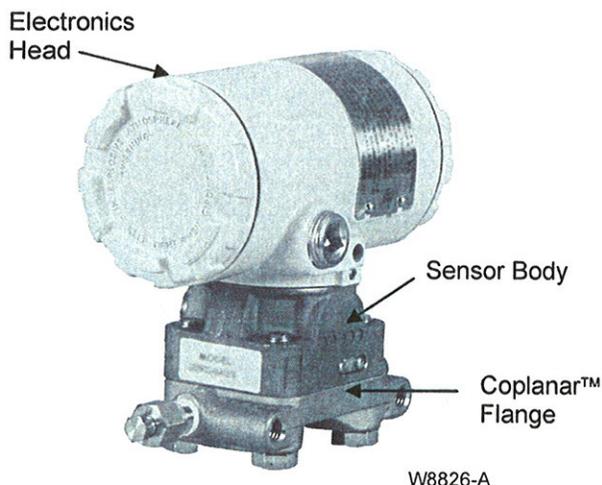
The MVS205 Multi-Variable Sensor (version 1.12 or greater) provides static pressure, differential pressure, and process temperature inputs directly to a ROC 300/800 Series Remote Operations Controller or FloBoss™ 407/500 Series Flow Manager. The inputs from an MVS sensor are used in performing differential pressure type calculations. The MVS205 typically operates as a remote unit that communicates via a serial format.

FloBoss 407 units may use a remote or integral MVS205 sensor. ROC300-Series controllers must be equipped with a Remote MVS Interface (CMA8H). FloBoss 500-Series units must be equipped with a Remote MVS Interface (CR1).

Variables

Functionally, the MVS is a sensor device that measures three flow-related variables simultaneously: differential pressure, static pressure, and temperature. These variables are continuously available to the FloBoss or ROC unit that polls the MVS.

An external three or four-wire RTD is used to sense the process temperature. **The RTD sensor is connected directly to the interface circuit board in the MVS sensor housing.** User-supplied RTD field wiring is required for the connection.



MVS205 Multi-Variable Sensor

Transducer and Interface Circuit

The MVS consists of a transducer and an interface circuit. The transducer, contained in the sensor body, uses capacitance-cell technology to sense differential pressure and piezoresistive technology to sense the static (absolute or gauge) pressure.

The transducer electronics convert the pressure variables directly into a digital format, allowing accurate correction and compensation. The raw temperature is converted by the interface board into digital format. A microprocessor linearizes and corrects the raw pressure signals (from the sensor) using characterization data stored in non-volatile memory.

The interface circuit allows the MVS to connect to and communicate with a ROC or FloBoss using a serial EIA-485 (RS-485) connection. In a Remote MVS, this interface circuit board is enclosed in an explosion-proof electronics head.

Accuracy

Two versions of the MVS sensor are available: MVS205P with reference accuracy of 0.075% and MVS205E with reference accuracy of 0.10%.

Mounting

Attached to the bottom of the sensor body is a Coplanar™ flange. This flange, which provides drain/vent valves, allows the MVS to be mounted on a pipestand, on a wall or panel, or on an integral orifice assembly or manifold valve.

Approvals

A list of North American approvals can be found in the Specifications table on page 2. For information on the European ATEX approved version, please refer to Specification Sheet 2.5:MVSCE.

D301079X012

Specifications

DIFFERENTIAL PRESSURE INPUT

Range: 0 to 6.22 kPa (0 to 25" H₂O),
0 to 62.2 kPa (0 to 250" H₂O), or
0 to 248.8 kPa (0 to 1000" H₂O).

Reference Accuracy:

±0.075% of URL (upper range limit) (for MVS205P)
±0.10% of URL (for MVS205E).
Includes linearity, hysteresis, and repeatability effects for spans up to 10:1 turndown.

Stability: ±0.1% of URL for 12 months.

Over Pressure Limit: 250 bar (3626 psi) Applied on either or both sides without damage to the sensor.

STATIC PRESSURE INPUT

Range: Either Absolute or Gauge:
0 to 5516 kPa (0 to 800 psia/psig)
0 to 25,000 kPa (0 to 3626 psia/psig)

Reference Accuracy:

±0.075% of URL (for MVS205P)
±0.10% of URL (for MVS205E).
Includes linearity, hysteresis, and repeatability effects for spans up to 6:1 turndown.

Stability: ±0.1% of URL for 12 months.

Over Pressure Limit: Same as URL.

PROCESS TEMPERATURE INPUT (MVS205 REMOTE ONLY)

Type: For 3 or 4-wire platinum 100-ohm RTD (conforming to IEC 751 Class B), with $\alpha = 0.00385$.

Range: -40 to 400°C (-40 to 752°F).

Reference Accuracy: ±0.28°C (±0.5°F), exclusive of RTD sensor error. Specification includes linearity, hysteresis, and repeatability effects.

Excitation Current: 1.24 mA.

OUTPUT (MVS205 REMOTE ONLY)

EIA-485 (RS-485) asynchronous serial communication using Modbus protocol for up to 605 m (2000 ft) distance.

POWER

Input at 0 to 75°C: 8 to 30 V dc, 245 mW average.

Input at -40 to 0°C: 8.5 to 30 V dc, 245 mW average.

Supplied by ROC, FloBoss, or Remote MVS Interface.

WEIGHT

Including head, 3.0 kg (6.7 lb).

ENVIRONMENTAL

Operating Temperature: -40 to 75°C (-40 to 167°F).

Storage Temperature: -50 to 100°C (-58 to 230°F).

Operating Humidity: 0 to 99%, non-condensing.

DIMENSIONS

147 mm H by 163 mm W by 84 mm D (5.8 in. H by 6.4 in. W by 3.3 in. D).

VIBRATION EFFECT

Sensor outputs shall not shift more than +0.1% of upper range limit per g from 5 to 2000 Hz in any axis when tested per IEC 770, Section 6.2.14.

CONSTRUCTION

Sensor Body and Coplanar Flange: 316 SST.

Wetted Parts: 316 SST is standard; Hastelloy C (NACE compliant) is available. Wetted O-rings are glass-filled TFE.

Electronics Head (MVS205 Remote): Urethane-painted die-cast aluminum alloy, rated Type 4X.

MOUNTING (MVS205 REMOTE ONLY)

Pipestand: Mounts on 50 mm (2 in.) pipe with U-bolt and optional flange bracket.

Wall/panel: Mounts with optional flange bracket, bolted on 71 mm (2.8 in.) centers.

CONNECTIONS

Conduit: Head has two 1/2-inch NPT connections.

Process: 1/4-18 NPT on 2-1/8 inch centers.

APPROVALS (MVS205 REMOTE ONLY)

Evaluated per the Following Standards:

CSA C22.2 No. 30.

CSA C22.2 No. 213.

UL 1203, UL 1604.

Certified by CSA as: MVS205R Models RSE or RSP Series.

Product Markings for Hazardous Locations:

Class I, Division 1, Groups C and D.

Class I, Division 2, Groups A, B, C, and D, T5

(T_{amb}=70°C), T4 (T_{amb}=75°C).

Approved by Industry Canada for use with approved flow computers. Approved as MVS205R Series Remote Sensors (Measurement Canada approval # AG-0412).

Approved by the Alberta Boilers Safety

Association: Approval # 0F0792.2

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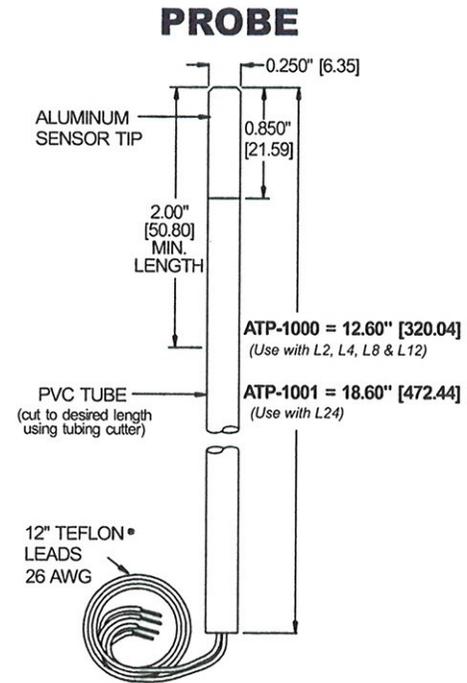
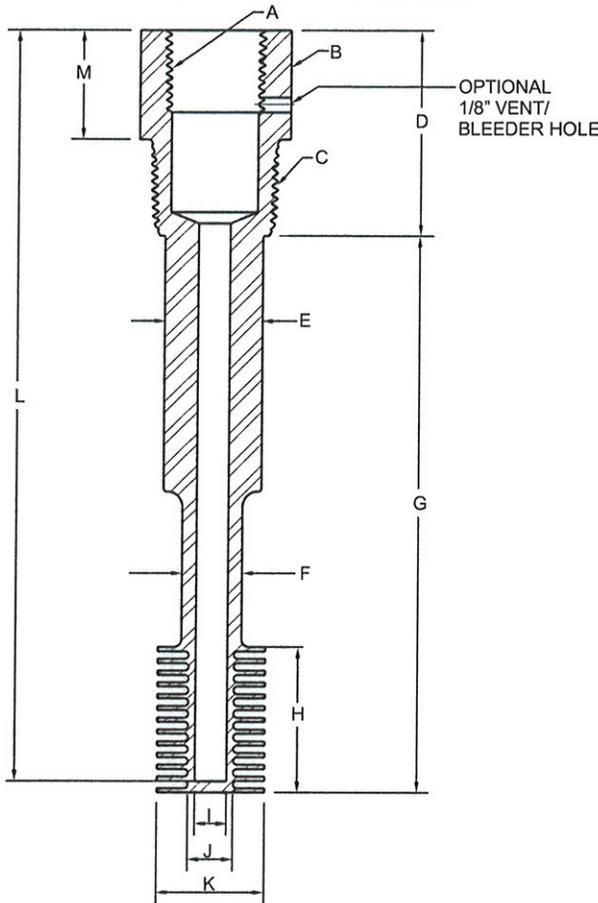
Emerson Process Management
Flow Computer Division
Marshalltown, IA 50158 U.S.A.
Houston, TX 77041 U.S.A.
Pickering, North Yorkshire UK Y018 7JA

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Thermosync Specifications

THERMOSYNC MODEL NO. DIMENSIONS



ATP-1000 & ATP-1001 Probe Specifications:

Type: 4-Wire Platinum Wire-Wound RTD Element
Resistance: 100 Ohms at 0°C (IEC 751)
Alpha Coefficient: .00385
Accuracy: ±0.05°C
Temp. Range: -40°C to +60°C
 -40°F to +140°F

Calibration/Accuracy Certification Service Available.

Part Number	PROCESS CONN.												
	A	B	C	D	E	F	G	H	I	J	K	L	M
TAN-12C0-L2	1/2" NPT	1.25"	1/2" NPT	1.69"	0.633	.495"	2.22"	1.20"	.260"	.37"	.645"	3.88"	.90"
TAN-12C0-L4	1/2" NPT	1.25"	1/2" NPT	1.69"	0.633	.495"	2.96"	1.20"	.260"	.37"	.645"	4.75"	.90"
TAN-12C0-L8	1/2" NPT	1.25"	1/2" NPT	1.69"	0.633	.495"	4.59"	1.20"	.260"	.37"	.645"	6.37"	.90"
TAN-12C0-L12	1/2" NPT	1.25"	1/2" NPT	1.69"	0.633	N/A	6.66"	1.20"	.260"	.37"	.645"	8.45"	.90"
TAN-12C0-L24	1/2" NPT	1.25"	1/2" NPT	1.69"	0.633	N/A	9.89"	1.20"	.260"	.37"	.645"	11.67"	.90"
TAN-34C0-L2	1/2" NPT	1.25"	3/4" NPT	1.69"	0.808	.495"	2.22"	1.20"	.260"	.37"	.85"	3.82"	.90"
TAN-34C0-L4	1/2" NPT	1.25"	3/4" NPT	1.69"	0.808	.495"	2.96"	1.20"	.260"	.37"	.85"	4.56"	.90"
TAN-34C0-L8	1/2" NPT	1.25"	3/4" NPT	1.69"	0.808	.495"	4.59"	1.20"	.260"	.37"	.85"	6.20"	.90"
TAN-34C0-L12	1/2" NPT	1.25"	3/4" NPT	1.69"	0.808	N/A	6.66"	1.20"	.260"	.37"	.85"	8.26"	.90"
TAN-34C0-L24	1/2" NPT	1.25"	3/4" NPT	1.69"	0.808	N/A	9.89"	1.20"	.260"	.37"	.85"	11.48"	.90"
TAN-10C0-L4	1/2" NPT	1.375"	1" NPT	1.69"	0.808	.495"	2.96"	1.20"	.260"	.37"	.85"	4.75"	.90"
TAN-10C0-L8	1/2" NPT	1.375"	1" NPT	1.69"	0.808	.495"	4.59"	1.20"	.260"	.37"	.85"	6.37"	.90"
TAN-10C0-L12	1/2" NPT	1.375"	1" NPT	1.69"	0.808	N/A	6.66"	1.20"	.260"	.37"	.85"	8.45"	.90"
TAN-10C0-L24	1/2" NPT	1.375"	1" NPT	1.69"	0.808	N/A	9.89"	1.20"	.260"	.37"	.85"	11.67"	.90"

All Thermowells:

Material: 316L SS
Press/Temp: 4900 PSI Max @ 330° F
Flow: 100 FPS (L2, L4, L8, L12) or 50 FPS (L24) max in 1000 PSI Natural Gas
Optional Vent/Bleeder Hole Available
Additional Plug & Chain Assembly Available

NOTE: Use a thermal coupling paste or fluid to couple the probe to the well ONLY in the lower .5 inches of the well. DO NOT fill the well with thermal coupling fluid. Spring load the probe to contact the bottom of the well.

U.S. PATENTED - FOREIGN PATENTS PENDING

TDOC-4 REV.11 1-21-03

RECEIVED November 02, 2009

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: SL-045051B
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: CLAY BASIN
2. NAME OF OPERATOR: WEXPRO COMPANY		8. WELL NAME and NUMBER: CLAY BASIN UNIT 19
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902		9. API NUMBER: 43009300080000
PHONE NUMBER: 307 922-5612 Ext		9. FIELD and POOL or WILDCAT: CLAY BASIN
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 0500 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0N Range: 24.0E Meridian: S		COUNTY: DAGGETT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above well Resumed Production on October 12, 2012 at 9:00 AM,
after being off for more than 90 days.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 19, 2012**

NAME (PLEASE PRINT) Paul Jibson	PHONE NUMBER 307 352-7561	TITLE Permit Agent
SIGNATURE N/A	DATE 10/18/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: SL-045051B
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: CLAY BASIN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CLAY BASIN UNIT 19
2. NAME OF OPERATOR: WEXPRO COMPANY	9. API NUMBER: 43009300080000
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902	PHONE NUMBER: 307 922-5612 Ext
9. FIELD and POOL or WILDCAT: CLAY BASIN	4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 0500 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0N Range: 24.0E Meridian: S
	COUNTY: DAGGETT STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/15/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Production Equipment"/>

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

Wexpro Company, requests approval to upgrade the existing production equipment on the above mentioned well location. The dehy will be removed and replaced with a ProPack. Also, a new meter run and meter building will be installed. All new equipment will be installed on existing disturbance and there will be no new additional surface disturbance. The new equipment will be painted the approved BLM color to match the existing production equipment on location. Upon completion of the new production equipment installation an updated Site Facility Diagram will be submitted to the Vernal BLM Field Office.

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

Date: February 25, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Paul Jibson	PHONE NUMBER 307 352-7561	TITLE Permit Agent
SIGNATURE N/A	DATE 2/20/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: SL-045051B
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2. NAME OF OPERATOR: WEXPRO COMPANY		8. WELL NAME and NUMBER: CLAY BASIN UNIT 19
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902		9. API NUMBER: 43009300080000
PHONE NUMBER: 307 922-5612 Ext		9. FIELD and POOL or WILDCAT: CLAY BASIN
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 0500 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0N Range: 24.0E Meridian: S		COUNTY: DAGGETT
		STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/23/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above well Resumed Production on December 23, 2013, after being off for more than 90 days.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 30, 2013**

NAME (PLEASE PRINT) Paul Jibson	PHONE NUMBER 307 352-7561	TITLE Permit Agent
SIGNATURE N/A	DATE 12/26/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: SL-045051B
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: CLAY BASIN
2. NAME OF OPERATOR: WEXPRO COMPANY		8. WELL NAME and NUMBER: CLAY BASIN UNIT 19
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902		9. API NUMBER: 43009300080000
PHONE NUMBER: 307 922-5612 Ext		9. FIELD and POOL or WILDCAT: CLAY BASIN
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 0500 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0N Range: 24.0E Meridian: S		COUNTY: DAGGETT
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/25/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above well resumed production on October 25, 2014; after being off more than 90 days.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 28, 2014**

NAME (PLEASE PRINT) Paul Jibson	PHONE NUMBER 307 352-7561	TITLE Permit Agent
SIGNATURE N/A	DATE 10/28/2014	

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: SL-045051B
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2. NAME OF OPERATOR: WEXPRO COMPANY		8. WELL NAME and NUMBER: CLAY BASIN UNIT 19
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902		9. API NUMBER: 43009300080000
PHONE NUMBER: 307 922-5612 Ext		9. FIELD and POOL or WILDCAT: CLAY BASIN
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 0500 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0N Range: 24.0E Meridian: S		COUNTY: DAGGETT
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/30/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

This well resumed production on October 30, 2015; after being off more than 90 days.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 06, 2015**

NAME (PLEASE PRINT) Tammy Fredrickson	PHONE NUMBER 307 352-7514	TITLE Senior Permit Agent
SIGNATURE N/A	DATE 11/5/2015	