

FILE NOTATIONS

Entered in NID File ✓  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned ✓  
 Card Indexed ✓  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief PMB  
 Copy NID to Field Office Dutcher  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 9-10-65

OW..... WW..... TA.....

SI GW..... OS..... PA.....

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log ✓

Electric Logs (No. ) 1

E..... I..... ES ✓ GR..... GR-N..... Micro.....

Lat..... Mi-L..... Sonic..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
SL 062508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Clay Basin Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
14

10. FIELD AND POOL, OR WILDCAT  
DEVELOPMENT WELL  
Clay Basin-Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
20-3N-24E., SIB&M

12. COUNTY OR PARISH  
Daggett

13. STATE  
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
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  
1780' FSL, 982' FWL, SE NW SW sec. 20  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
42 miles S Rock Springs, Wyoming

10. DISTANCE FROM PROPOSED\* 338' to lease line;  
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 6140' to unit line  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
760.00

17. NO. OF ACRES ASSIGNED TO THIS WELL  
640.00

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2875'

19. PROPOSED DEPTH  
6000'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
Ground 6358'

22. APPROX. DATE WORK WILL START\*  
June 1, 1965

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.30 H-40	310'	150 sacks
7-7/8"	5-1/2"	17.00 J-55 or N-80 or P-110	6000'	To be determined

The subject well will be drilled to an approximate total depth of 6000' as a test of the Dakota formation, presently producing gas in the Clay Basin field. Anticipated formation tops are as follows: Mancos at surface, Frontier 5450', Mowry 5570', and Dakota 5795'. Mud will be used as a circulating medium.

"Gas Well"

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

24. SIGNED B.W. Craft General Manager, Producing and Pipeline Divisions  
TITLE and Pipeline Divisions DATE May 18, 1965

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



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 1965, 19.....  
Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84111 Signed F. Murphy  
Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS 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)
					<del>Salt Lake City 062508-9 Mountain Fuel Supply</del>					
SE, NW SW 20	3	24	14							Location
					<del>Salt Lake City 045051-B R.D. Murphy "B"</del>					
SW, SE, SW 23	3	24	15							Location

NOTE.—There were..... runs or sales of oil; ..... M cu. ft. of gas sold;

Drip Oil

..... runs or sales of ~~gas~~ 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.

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 JUN - 1965, 19.....

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

SALT LAKE CITY, UTAH 84111

Signed F. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS 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>Salt Lake City 062508-9 - Mountain Fuel Supply</u>					
NW SW 20	3N	24E	14							Location
					<u>Salt Lake City 045051-B - R.D. Murphy "B"</u>					
NE SW 23	3N	24E	15							Location

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

Drip Oil

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.

LAND OFFICE Salt Lake City  
LEASE NUMBER .....  
UNIT Clay Basin

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 JUL - 1965, 19.....

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

SALT LAKE CITY, UTAH 84111

Signed E. Murphey

Phone 328-8315

Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS 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>Salt Lake City - 062506-9 Mountain Fuel Supply</u>					
W SW 20	3N	24E	14							Spudded 7-28-65 Drilling 1,690' 7-31-65
					<u>Salt Lake City - 045051-B R.D. Murphy "B"</u>					
NE SW 23	3N	24E	15							Location

NOTE.—There were..... runs or sales of oil; ..... M cu. ft. of gas sold;

DRIP OIL

..... runs or sales of ~~gas~~ 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

SL 062508

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.  
14

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 - Dakota

1780' FSL, 982' FWL, SE NE SW sec. 20

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
20-3N-24E., S1B&M

14. PERMIT NO.  
-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 6358'

12. COUNTY OR PARISH 13. STATE  
Daggett 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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Supplementary history

(Other)

(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 3640', drilling.

Well spudded in on July 28, 1965. Ran 322.04' net, 326.04' gross of 9-5/8" OD, J-55, 40#, 8rmd, LT&C casing, landed at 333.79' KBM and cemented with 150 sacks Monolith type G cement treated with 2% calcium chloride with 3 barrels cement slurry to surface.

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

General Manager, Producing  
and Pipeline Divisions

SIGNED B. W. Croft

TITLE

DATE August 5, 1965

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

COMMISSIONERS

B. H. CROFT  
CHAIRMAN  
C. R. HENDERSON  
C. S. THOMSON  
M. V. HATCH  
J. H. REESE

EXECUTIVE DIRECTOR  
C. B. FEIGHT



PETROLEUM ENGINEERS  
PAUL W. BURCHELL  
CHIEF ENGINEER  
HARVEY L. COONTS  
SALT LAKE CITY

THE STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH 84111

DAvis 8-5771

August 18, 1965

Mountain Fuel Supply Company  
P. O. Box 1129  
Rock Springs, Wyoming 82901

Re: Well No. Clay Basin Unit #14  
Sec. 20, T. 3 N., R. 24 E.,  
Dagget County, Utah  
Well No. Clay Basin Unit #15  
Sec. 23, T. 3 N., R. 24 E.,  
Dagget County, Utah

July, 1965

Gentlemen

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER  
RECORDS CLERK

kgw

Encl: Forms

22

## GEOLOGICAL SURVEY

SL 062508

## 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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> 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. 14	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1780' FSL, 982' FWL, SE NE SW sec. 20		10. FIELD AND POOL, OR WILDCAT Clay Basin - Dakota	
14. PERMIT NO. -		15. ELEVATIONS (Show whether D, RT, GR, etc.) GR 6358'	
		11. SEC., T., R., N., OR BBLK. AND SURVEY OR AREA 20-3N-24E., SLB&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) <input checked="" type="checkbox"/> Supplementary history	<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.)\*

Depth 6018', running casing.

DST #1, 5463'-5459', Frontier, IO  $\frac{1}{2}$  hour, ISI  $\frac{1}{2}$  hour, FO  $1\frac{1}{4}$  hours, FSI 1 hour, opened with strong blow, gas to surface in 3 minutes, gauged 473 Mcf in  $\frac{1}{2}$  hour. On second opening, 605 Mcf in 15 minutes, 594 Mcf in 30 minutes and 581 Mcf at end of test, recovered 90' drilling mud. IHP 2911, ISIP 2397, IOFP's 67-90, FOFP's 90-90, FSTP 2241, FHP 2911 psi.

DST #2, 5562'-5503', Frontier, misrun, packer failed.

DST #3, 5562'-5523', Frontier, IO  $\frac{1}{2}$  hour, ISI  $\frac{1}{2}$  hour, FO  $\frac{1}{4}$  hour, tool opened with strong blow, gas to surface in 22 minutes, gauged 40 Mcf in 30 minutes, reopened strong, 101 Mcf at 15 minutes and packers failed.

DST #4, 5562', packers: 5483' and 5488', misrun, no packer seat.

DST #5, 5864', 5803', Dakota, IO  $\frac{1}{2}$  hour, ISI  $\frac{1}{2}$  hour, FO 1 hour, FSI 1 hour, opened with weak blow, no gas to surface. Reopened weak increased to fair blow, no gas to surface, recovered 110' mud. IHP 2933, ISIP 360, IOFP's 45-45, FOFP's 67-67, FSI 495, FHP 2933 psi.

DST #6, 5925'-5870', Dakota, IO  $\frac{1}{2}$  hour, ISI  $\frac{1}{2}$  hour, FO 1 hour, FSI 1 hour, opened with strong blow decreasing in  $\frac{1}{2}$  hour. On final open, gas to surface immediately, gauged 12.7 Mcf in 30, 45 and 60 minutes. Recovered 297' gas cut mud. IHP 3000, ISIP 1370, IOFP's 67-112, FOFP's 112-158, FSTP 1571, FHP 3000 psi.

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

SIGNED

*B. W. ...*

TITLE

General Manager, Producing  
and Pipeline Divisions

DATE

August 18, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL 062508

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> 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. 14
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1780' FSL, 982' FWL, SE NE SW sec. 20		10. FIELD AND POOL, OR WILDCAT Clay Basin - Dakota
14. PERMIT NO. -		11. SDC, T., P., M., OR B.L.K. AND SURVEY OR AREA 20-3N-24E., S1E&M
15. ELEVATIONS (Show whether ft., etc., GR, etc.) GR 6358'		12. COUNTY OR PARISH Daguerre
		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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<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.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

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 6018', running casing.

DST #1, 5463'-5459', Frontier, IO 1/2 hour, ISI 1/2 hour, FO 1 1/4 hours, FSI 1 hour, opened with strong blow, gas to surface in 3 minutes, gauged 473 Mcf in 1/2 hour. On second opening, 605 Mcf in 15 minutes, 594 Mcf in 30 minutes and 581 Mcf at end of test, recovered 90' drilling mud. IHP 2911, ISIP 2397, IOFP's 67-90, FOFP's 90-90, FSIP 2241, FHP 2911 psi.

DST #2, 5562'-5503', Frontier, misrun, packer failed.

DST #3, 5562'-5523', Frontier, IO 1/2 hour, ISI 1/2 hour, FO 1/4 hour, tool opened with strong blow, gas to surface in 22 minutes, gauged 40 Mcf in 30 minutes, reopened strong, 101 Mcf at 15 minutes and packers failed.

DST #4, 5562', packers 5483' and 5488', misrun, no packer seat.

DST #5, 5864', 5803', Dakota, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with weak blow, no gas to surface. Reopened weak increased to fair blow, no gas to surface, recovered 110' mud. IHP 2933, ISIP 360, IOFP's 45-45, FOFP's 67-67, FSI 495, FHP 2933 psi.

DST #6, 5925'-5870', Dakota, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with strong blow decreasing in 1/2 hour. On final open, gas to surface immediately, gauged 12.7 Mcf in 30, 45 and 60 minutes. Recovered 297' gas cut mud. IHP 3000, ISIP 1370, IOFP's 67-112, FOFP's 112-158, FSIP 1571, FHP 3000 psi.

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

SIGNED R. W. ... TITLE General Manager, Producing and Pipeline Divisions DATE August 18, 1965

(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  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL 062508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Clay Basin - Dakota

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

20-3N-24E., S1E8M

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

1780' FSL, 982' FWL, SE NE SW sec. 20

14. PERMIT NO.

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

GR 6358'

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)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Supplementary information

(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.)\*

Total depth 6018', waiting on completion tools.

Ran 5705.07' net, 5759.08' gross of 5-1/2" OD, 17#, N-80, 8rnd LT&C casing, landed at 5716.82' KBM and cemented with 290 sacks 50-50 Pozmix cement with full returns while circulating and cementing. Rig released 8/18/65.

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

SIGNED

*B.W. Craft*

TITLE

General Manager, Producing  
and Pipeline Divisions

DATE August 27, 1965

(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

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 AUG - 1965, 1965,

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

SALT LAKE CITY, UTAH 84111

Signed [Signature]

Phone 328-8315

Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS 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>Salt Lake City 062508-9 Mountain Fuel Supply</u>										
NW SW 20	3N	24E	14							Spudded 7-28-65 TD 6018' Waiting on Completion tools

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.)

5. LEASE DESIGNATION AND SERIAL NO.  
SL 062508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
Clay Basin Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
14

10. FIELD AND POOL, OR WILDCAT  
Clay Basin - Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
20-3N-24E., S1B&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  
  
1780' FSL, 982' FWL, SE NE SW sec. 20

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 6358'

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 information</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.)\*

Total depth 6018', PBTB 5683'.

Rigged up and ran bit and casing scraper, checked PBTB at 5683' KB. Pressure tested casing and both blind rams to 6500 psi for 15 minutes each and pipe rams to 4400 psi for 15 minutes, all tests held good. Displaced water from casing with 133 barrels drip oil containing 0.05 ppg Adomite and 0.003 gpg FR-3.

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

SIGNED B.W. Coft TITLE General Manager, Production and Transmission DATE September 8, 1965

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

13

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Clay Basin Unit Well #14  
Operator Mountain Fuel Supply Address SLC Phone 328-8315  
Contractor Gulick Drilling Co. Address Denver Phone \_\_\_\_\_  
Location NW 1/4 SW 1/4 Sec. 20 T. 3 N R. 24 E Daggett County, Utah.  
Water Sands: None.

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continued on reverse side if necessary)

Formation Tops:  
Frontier 5460'  
Mowry 5567'  
Dakota 5800'

Remarks:

*Victor B. Gray*  
*Sr. Development Geologist*

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

//

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL 062508

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.)

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Clay Basin

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

20-3N-24E., SLB2M

12. COUNTY OR PARISH 13. STATE

Darrett

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

1780' FSL, 982' FWL, SE NW SW sec. 20

14. PERMIT NO.

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

GR 6358'

16.

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

NOTICE OF INTEREST TO:

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)			

SUBSEQUENT REPORT OF:

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 information</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.)\*

Total depth 6018', plugged back depth 5683' KB, rig released 9/10/65, well shut in.

Perforated the following intervals with 4 jet holes per foot: 5472'-5497', 5527'-5559'. Perforations were subjected to sandoil fracturing treatment in two stages, each stage consisting of a mixture 15,000 drip oil, 0.005 PPG Adomite, 0.003 GPG FR3 and sand at varying rates from 1/2 to 1 PPG. Breakdown pressure amounted to 4650 psi at 27 BPM. Average treatment pressures amounted to 4800 psi at 26.1 BPM.

Ran 5447.37' net, 5475.43' gross of 2-3/8" OD, 4.7#, J-55, 8rnd EUE tubing into the well and landed at 5457.40' original KBM. Well flowed 941 Mcf of gas per day, 600 psi tubing pressure, 775 psi casing pressure, 45 psi separator pressure at the end of a production test. Well shut in. FINAL REPORT. *JMB*

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

General Manager, Transmission

SIGNED

*B.W. Coyle*

TITLE

and Production

DATE

September 15, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

September 17, 1965

Mountain Fuel Supply Company  
P. O. Box 11368  
Salt Lake City, Utah 84111

Re: Well Nos. Clay Basin #14,  
Sec. 20, T. 3 N., R. 24 E.,  
Clay Basin #15, Sec. 23,  
T. 3 N., R. 24 E., Daggett  
County, Utah.

Gentlemen:

Due to the fact that the Clay Basin #14 is to be held Confidential, it would be appreciated if your office would separate the Clay Basin #14 and Clay Basin #15 on the Monthly Report of Operations.

Thank you for your cooperation in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

SHARON C. HUNT  
RECORDS CLERK

sch

# MOUNTAIN FUEL SUPPLY COMPANY

P. O. BOX 1129  
ROCK SPRINGS, WYOMING

B. W. CROFT  
GENERAL MANAGER  
PRODUCING AND PIPELINE DIVISIONS

September 22, 1965

Mr. John Duletsky, District Engineer  
U. S. Geological Survey  
P. O. Box 1170  
Rock Springs, Wyoming

Dear Mr. Duletsky:

The information on Clay Basin Unit Well No. 14 is no longer confidential and may be released at any time if you so desire.

Very truly yours,

*B. W. Croft*

BWC:pz

cc: Utah Oil & Gas Conservation Commission ✓

7

PMB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER .....  
UNIT .....

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 SEP - 1965, 1965

Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84111 Signed \_\_\_\_\_

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC AND 1/4 OF 1/4	TWP	RANGE	WELL NO	DAYS 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)
										<del>Salt Lake City 045051-B R.D. Murphy "B"</del>
NE SW 15	3N	24E	9							Started cleaning out 9-14-65 TD 6078' FBD 6066' Waiting on completion tools 9-30-65
										<del>Salt Lake City 062508-9 MFS Co.</del>
NW SW 20	3N	24E	14							Spudded 7-28-65 Completed 9-10-65 TD 6018' FBD 5683' Vol. 941 MCF
										<del>Salt Lake City 045051 - B R.D. Murphy "B"</del>
SE SW 23	3N	24E	15							Spudded 8-24-65 Completed 9-30-65 TD 5677' FBD 5637' Vol 5210 MCF

NOTE.—There were \_\_\_\_\_ runs or sales of oil, \_\_\_\_\_ M cu. ft. of gas sold;

Drip Oil

\_\_\_\_\_ runs or sales of \_\_\_\_\_ 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R365.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.  
SL 062508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
Clay Basin Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
14

10. FIELD AND POOL, OR WILDCAT  
Clay Basin

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
20-3N-24E., SLB&M

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 1780' FSL, 982' FWL, SE NW SW sec. 20  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

12. COUNTY OR PARISH  
Daggett

13. STATE  
Utah

15. DATE SPUDDED 7/28/65

16. DATE T.D. REACHED 8/17/65

17. DATE COMPL. (Ready to prod.) 9/10/65

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GR 6358'

19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6018'

21. PLUG, BACK T.D., MD & TVD 5683'

22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 0'-6018' CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5472'-5497', 5527'-5559'

25. WAS DIRECTIONAL SURVEY MADE?  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
IE

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 FULLED
9-5/8"	40	333.79'	12-1/4	150 sacks	0
5-1/2	17	5716.82'	7-7/8"	290 sacks	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET. (MD)
2-3/8	5457.40'	

31. PERFORATION RECORD (Interval, size and number)

5472'-5497' - jet - 4 shots per foot  
5527'-5559' - jet - 4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5472'-5559'	Sandoil frac with 30,000 gals. drip oil, 0.05 pp <sub>g</sub> Adomita, 0.003 pp <sub>g</sub> FR-3, and 1/2 to 1 pp <sub>g</sub> sand pp <sub>g</sub> .

33.\* PRODUCTION

DATE FIRST PRODUCTION Shut in

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) -

WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/9-10/65	19	-	→	-	941	-	-

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
600	775	→	-	941	-	-

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

TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
IE, well lithology, well completion

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

General Manager, Production and Transmission

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE Oct. 27, 1965

COMPLETION REPORT

Operator: Mountain Fuel Supply Co.

Well: Clay Basin Unit No. 14

Area: Clay Basin

Location: 1780 feet FSL, 982 feet FWL, Section 20, Township 3 North, Range 24 East, Daggett County, Utah.

Elevation: Ground 6358 feet, Kelly Bushing 6370 feet

Drilling Commenced: July 28, 1965. Drilling Completed: August 18, 1965.

Drilling Rig Released: August 18, 1965. Well Completed: September 10, 1965.

Tops: (Electric log)

Mancos	Surface	(+6358 feet)
Frontier	5458 feet	(+912 feet)
Mowry	5571 feet	(+799 feet)
Dakota	5797 feet	(+573 feet)
Morrison	5925 feet	(+445 feet)

Total Depth: 6018 feet

Casing: 9-5/8" landed @ 333.79' KBM with 150 sacks

5-1/2" landed @ 5716.82' KBM with 290 sacks

Perforations: 5472' - 5497', 5527' - 5559'

Producing Formation: Frontier

Productivity: 941 Mcf with flowing tubing pressure of 600 psi and shut-in pressure of 1410 psi; flowing casing pressure of 775 psi, shut-in pressure of 1700 psi.

DRILL STEM TESTS

No.	Interval	Initial Flow	Initial Shut-In	Final Flow	Final Shut-In	Remarks
1	5463'-5503'	67-90 (30)	2397 (30)	90-90 (75)	2241 (60)	581 Mcf, 90' m
2	5503'-5562'					Misrun, packers failed
3	5523'-5562'	97-126 (30)	2091 (30)	113-1337 (15)		101 Mcf, packers failed
4	5488'-5562'					Misrun, no packer seat
5	5803'-5864'	43-79 (30)	399 (30)	68-86 (60)	511 (60)	NGTS, 110' m
6	5870'-5825'	77-126 (30)	1402 (30)	126-169 (60)	1565 (60)	13 Mcf, 297' gcm

EGM:kj

9/21/65

3

Field Clay Basin State Utah County Daggett Sec. 20 T. 3N R. 24E

Company Mountain Fuel Supply Farm Clay Basin Unit Well No. 14

Location 1780' FSL; 982' FWL Elev. GR 6358', KB 6370'

Drilling Commenced July 28, 1965 Completed August 18, 1965

Rig Released August 18, 1965 Total Depth 6018'

Casing Record 9 5/8" landed @ 333.79' KBM with 150 sacks; 5-1/2" landed @ 5716.82' KBM with 290 sacks

Tubing Record \_\_\_\_\_

Perforations 5472' - 5497'; 5527' - 5559'

	20		

I. P. Gas 941 Mcf with FTP 600 psi, and FCP 775 psi

Sands \_\_\_\_\_

Shut-in Surface Pressures SITP 1410 psi, SICP 1700 psi

Remarks \_\_\_\_\_

FORMATION RECORD

FORMATION RECORD

	FROM	TO
<u>MANCOS -- Surface - 5458' (+6358')</u>		
Shale, dark grey, firm silty, calcareous, occasionally yellow, mineral fluorescence.	4900'	5130'
Shale, as above, slight bentonitic; with grey to white, very-fine-grained Sandstone (10% Sandstone).	5130'	5210'
Shale, as above, slight bentonitic.	5210'	5462'
<u>FRONTIER -- 5458' - 5571' (+912')</u>		
Sandstone, white, rounded, fine grained, tight, carbonaceous; Shale, as above, slight bentonitic (15% Shale).	5462'	5480'
Sandstone, as above; Shale, as above (10% Shale).	5480'	5490'
Shale, as above; Sandstone, as above (10%); with occasional thin beds of Coal.	5490'	5521'
Sandstone, white, subrounded, medium grained, firm, slight calcareous, with glauconite, grey Chert, carbonaceous grain and blue to white fluorescence; with occasional thin beds of Shale, slight bentonitic, fossiliferous fragments.	5521'	5554'
Shale, as above; Sandstone, as above, with occasional thin coal streaks (15% Sandstone).	5554'	5562'
Shale, dark grey, silty, firm, calcareous with calcareous veinlets, pyritic, yellow mineral fluorescence.	5562'	5610'
<u>MOWRY - 5571' - 5797' (+799')</u>		
Shale, as above, with some Bentonite.	5610'	5640'
Shale, as above, with some Bentonite and occasional anhydritic streaks.	5640'	5650'
Shale, as above, with some Bentonite.	5650'	5690'
Shale, as above, with some Bentonite and occasional anhydritic streaks.	5690'	5740'
Shale, dark grey, silty to sandy, hrd, calcareous with calcareous veinlets, with some Anhydrite and Bentonite, yellow mineral fluorescence; Sandstone, grey to white, very-fine-grained, subangular, firm, tight, slight calcareous, some blue minerals (5% Sandstone).	5740'	5790'

Field Clay Basin  
 Farm Clay Basin Unit  
 Company Mountain Fuel Supply

Sec. 20 T. 3N R. 24E  
 Well No. 14

Page 2

FORMATION RECORD

	From	To
DAKOTA -- 5797' - 5925' (+573')		
Shale, as above.	5790'	5800'
Shale, dark grey, silty, hard, calcareous, clay to lime streaks, some Bentonite; Sandstone, white to light grey, subrounded to rounded, medium to coarse grained, tight, calcareous cement, some Chert grains (10% Sandstone).	5800'	5833'
Shale, as above; Sandstone, white, subangular, very-fine-grained, friable, with yellow Fluorescence and cut (15% Sandstone).	5833'	5840'
Shale, as above; Sandstone, as above (35% Sandstone).	5840'	5850'
Shale, as above; Sandstone, as above (10% Sandstone).	5850'	5860'
Sandstone, white, medium grained, subangular, friable, Pyritic, slight calcareous cement; Shale, as above (40% Shale).	5860'	5880'
Sandstone, white, very-fine-grained, subangular, tight, friable, calcareous cement; Shale, as above, (40% Shale).	5880'	5890'
Sandstone, as above.	5890'	5910'
Sandstone, white, fine to medium grained, subangular, friable, some calcareous cement, yellow Fluorescence and cut.	5910'	5920'
Sandstone, as above, with yellow Fluorescence and cut; Shale, as above (60% Sandstone).	5920'	5925'

MORRISON -- 5925' - 6018' (+445')

Shale, medium and dark grey, clean to silty, firm, platy, pyritic in part; some Mica (musovite); trace of Sandstone, as above, hard, tight, no show.	5925'	5950'
As above; trace of Limestone, tan, firm to hard, micro-crystalline.	5950'	5960'
Shale, as above and some Shale, light greenish grey, silty in part, platy, firm to soft.	5960'	5980'
Shale, as above and Shale, light grey to tannish grey (earthy color), blocky, firm, silty in part, calcareous Bentonitic.	5980'	6005'
Shale, medium to dark grey, light green and light grey, bentonitic, soft to firm, dark grey is carbonaceous; some Shale, maroon and reddish brown, silty to arenaceous, soft.	6005'	6010'
Shale, brown, reddish brown and maroon, very soft, sandy.	6010'	6018'

TMC/kj  
 9/27/65

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER .....  
UNIT .....

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 OCT - 1965, 1965,

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

SALT LAKE CITY, UTAH 84111 Signed [Signature]

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS 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>Salt Lake City 045051-B R.D. Murphy "B"</u>
NE SW 15 30N		24E	9							Started Cleaning out 9-14-65 Completed 10-10-65 TD 6078' FBD 5882' Vol. 1250 MCF
										<u>Salt Lake City 062308-9 MFB Co.</u>
NW SW 20 30N		24E	14							Shut In
										<u>Salt Lake City 045051-B R.D. Murphy "B"</u>
SE SW 23 30N		24E	15							Shut In

NOTE.—There were..... runs or sales of oil; ..... M cu. ft. of gas sold;

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

3N24E20

LOCATION: **CLAY BASIN m.s. # 7** COUNTY **DAGGETT** STATE **UTAH** DATE **10-10-82**

STATION OR CUSTOMER **CLAY BASIN # 14** TIME OF TEST **AM 3:00**

ORIFICE METER MAKE **Foxboro** SERIAL NO. **919583** TYPE **37** CHART NO. **89N418L** STATIC CON. **D.S.** PEN ARC **ADJ.** 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 **8.66** STATIC LEFT **8.64** Diff. Found **0** Diff. Left **0** Temp. Found **51°** Temp. Left **50** Time Lag **6 hrs**

DIFFERENTIAL TEST								STATIC TEST							
AS FOUND				AS LEFT				AS FOUND		AS LEFT		SQ. RT. VALUE, AS LEFT			
UP		DOWN		UP		DOWN		D. W. Meter		D. W. Meter		$\sqrt{\frac{\text{Psia} \times 100}{\text{Rp}}}$ $= \sqrt{\frac{746.6 \times 100}{1000}} = 8.64$			
Man.	Meter	Man.	Meter	Man.	Meter	Man.	Meter	735	8.66	0	1.08				
0	0	80	80	0		80		0	1.08	735	8.64				
10	10	60	60	10		60									
30	30	40	40	30	SAME	40		THERMOMETER							
90	50	20	20	50		20		MAKE - <b>foxboro</b>							
70	70	0	0	70		0		RANGE <b>0° TO +150°F</b>		SERIAL NO. <b>919583</b>					
90	90			90				AS FOUND		AS LEFT					
								UP	DOWN	UP	DOWN				
								Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm		

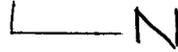
ORIFICE PLATE Size **2" x 1.000"** Edges Sharp?  Orifice Condition Damaged?  Dirty?  ORIFICE FITTING OR UNION Make **DANIEL** Type **Simplex** Serial No. **ASA 600** Line Size **2.067** I.D. **2.067**

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%	
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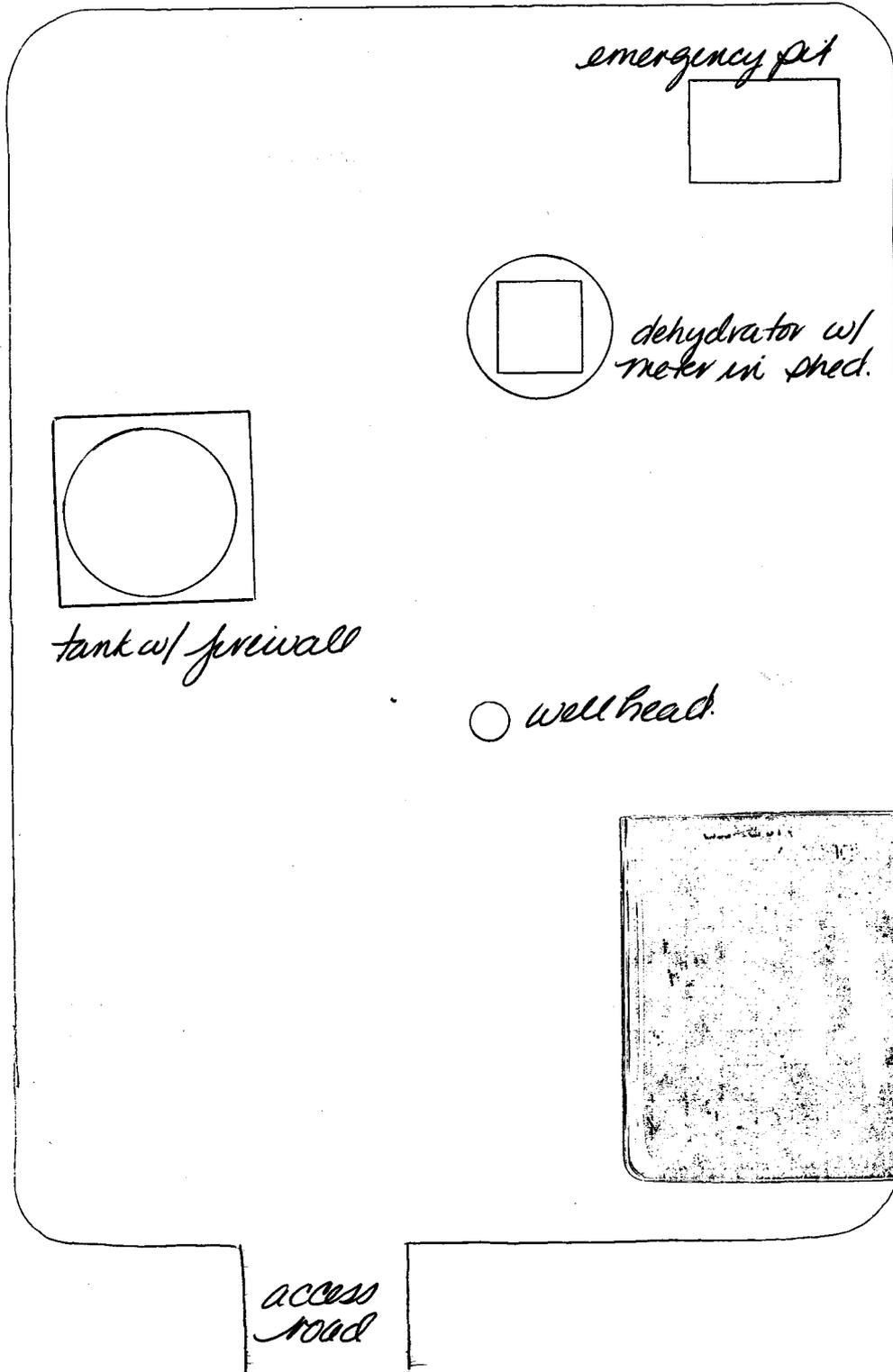
GRAVITY: \_\_\_\_\_ ATMOS. TEMP. \_\_\_\_\_  
REMARKS: **ADJ. Diff PEN ARC**  
**ADJ. Static SPAN**  
**ADJ. TEMP**  
M.F.S. CO. TESTER: **Doug Walters**  
WITNESS: \_\_\_\_\_

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

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42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 5 SQUARE  
42-389 200 SHEETS 5 SQUARE



access road



**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

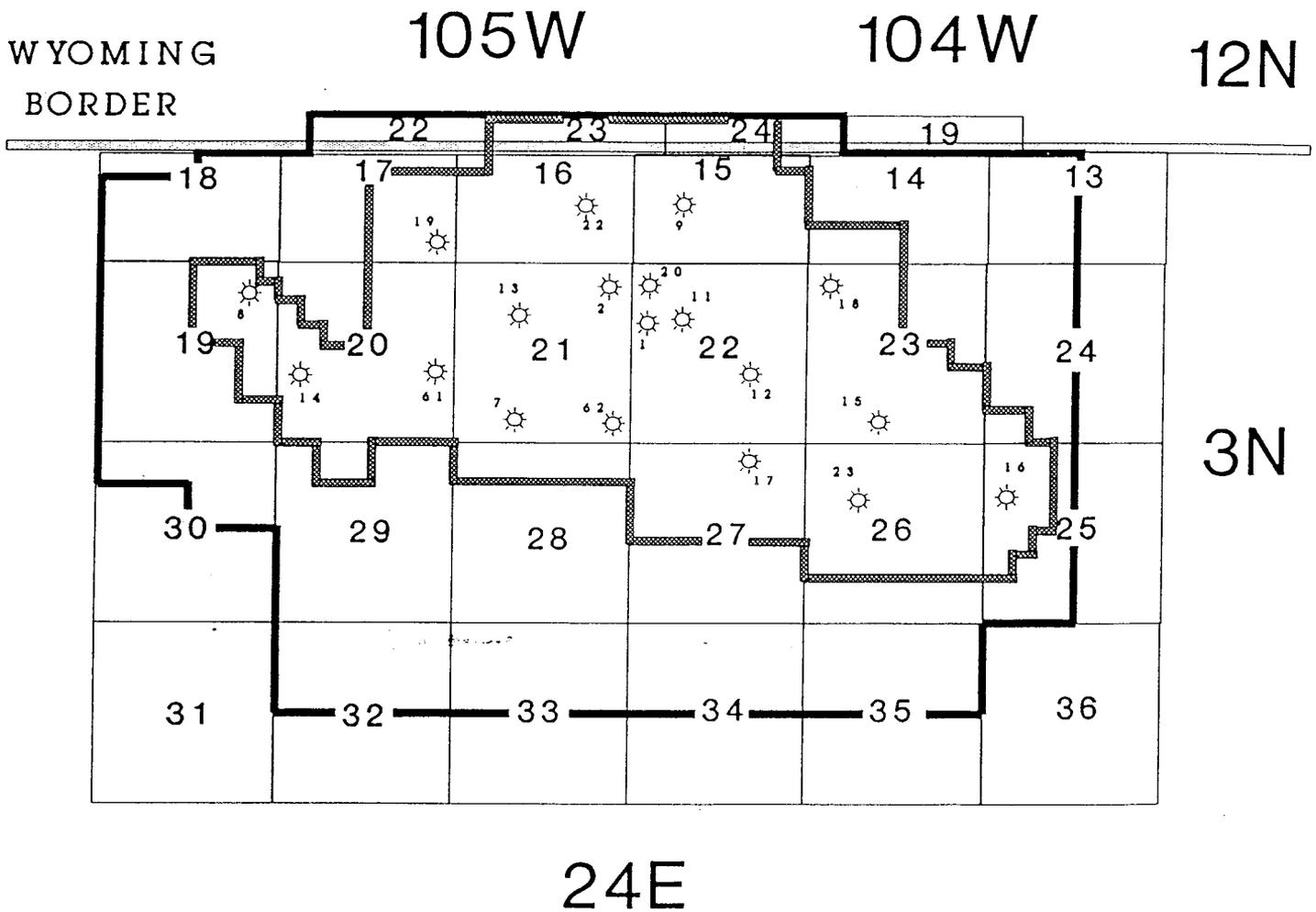
BY:

  
\_\_\_\_\_  
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

# 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			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				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					
✓	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					
<b>TOTALS</b>								

*mL-807*

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-DEC
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: <b>**SEE ATTACHED**</b>	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: \_\_\_\_\_.
- LC 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.*
- LC 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.*
- LC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) 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.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- Yes 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 DoGM Computer & Cardex 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

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

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

2. NAME OF OPERATOR  
**WEXPRO COMPANY**

8. WELL NAME AND NO.  
**SEE ATTACHED SHEET**

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

9. API WELL NO.  
**SEE ATTACHED SHEET**

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

10. FIELD AND POOL, OR EXPLORATORY AREA  
**CLAY BASIN**

SEE ATTACHED SHEET

11. COUNTY OR PARISH, STATE  
**DAGGET COUNTY UTAH**

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other VARIANCE

*Handwritten notes:*  
1-CHD  
2-~~Abandonment~~  
3-~~Subsequent Report~~  
Copy for use well on back of Security

- ER DATA
- 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:

*Handwritten:* List of wells on back.

Federal Approval Of This  
Action Is Necessary

*Stamp:* 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.

\*See instruction on Reverse Side

<u>WELL NAME</u>	<u>API NUMBER</u>	<u>LEGAL DESCRIPTION</u>	<u>COUNTY, STATE</u>	<u>UNIT CA PA NUMBER</u>	<u>LEASE NUMBER</u>
<b><u>CLAY BASIN FIELD UNIT</u></b>				<b>892000323B</b>	
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	<b>4300915638</b>	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-062508
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) 1780' FSL 982' FWL NW SW 20-3N-24E		8. Well Name and No. Clay Basin Unit                      14
Lat.                      40.98043	Long.                      -109.23675	9. API Well No. 009 43-0009-15638
		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 recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be 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 11, 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)

DEC 17 2007

**Federal Approval of this  
Action is Necessary**

API Well No: 43009156380000

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-062508</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b> CLAY BASIN</p>
<p><b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902</p>	<p><b>8. WELL NAME and NUMBER:</b> CLAY BASIN UNIT 14</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1780 FSL 0982 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 03.0N Range: 24.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43009156380000</p>
<p><b>PHONE NUMBER:</b> 307 922-5612 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> CLAY BASIN</p>
<p><b>COUNTY:</b> DAGGETT</p>	<p><b>STATE:</b> UTAH</p>

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

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

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*

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

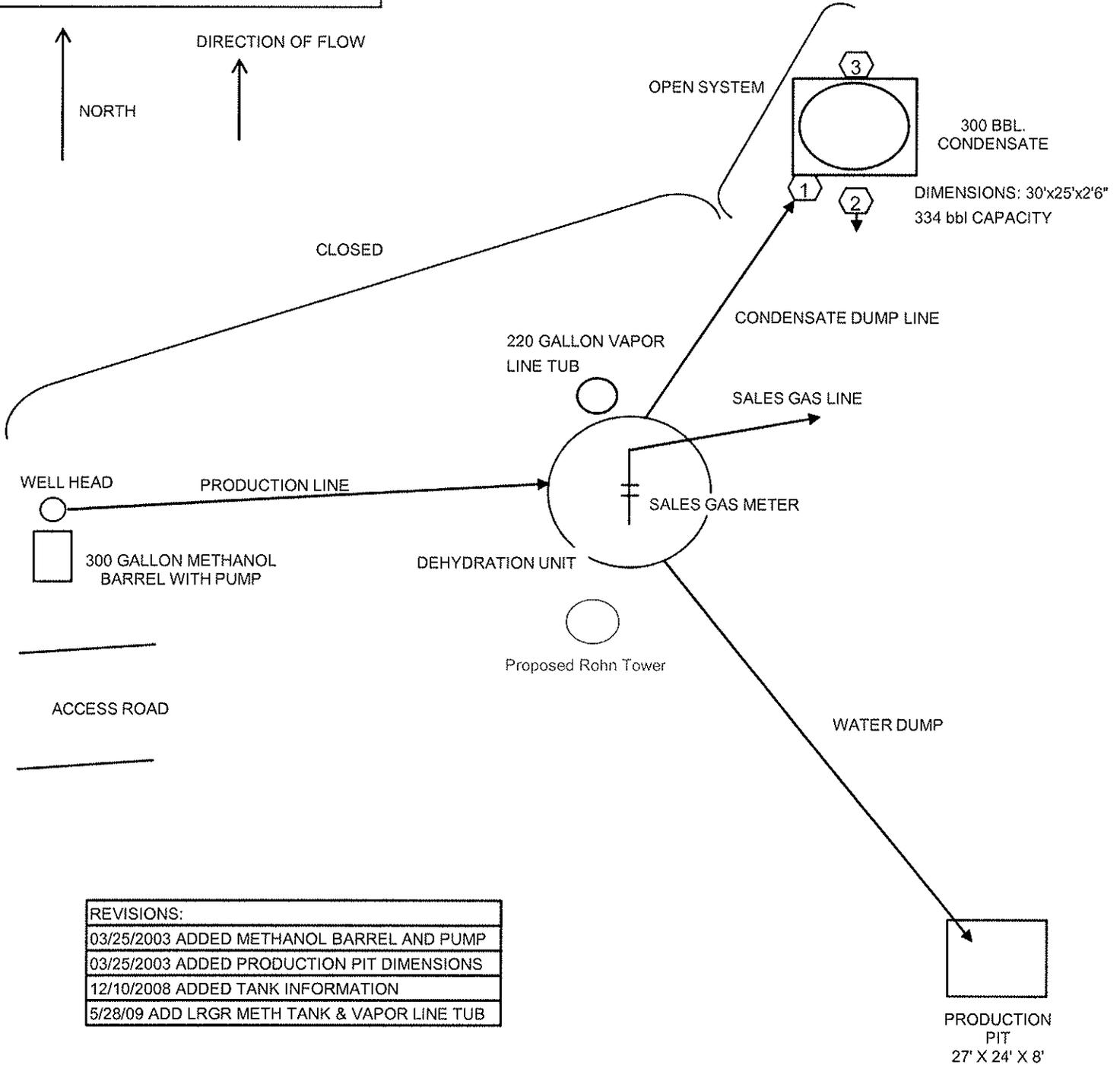
**RECEIVED** November 02, 2009

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

CLAY BASIN UNIT WELL 14  
 NWSW 20-3N-24E  
 LEASE NO. SL-062508  
 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 # 233	
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
12/10/2008 ADDED TANK INFORMATION
5/28/09 ADD LRGR METH TANK & VAPOR LINE TUB

# 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:

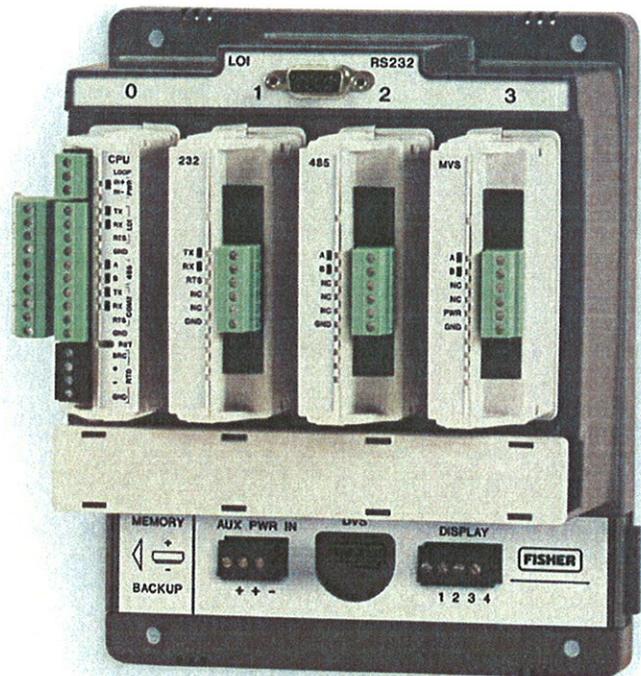
- Custody Transfer
- Wellhead Measurement and Control
- Well Injection Pressure
- Compressor Fuel Gas
- Industrial Gas Usage
- Commercial Gas Usage

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).

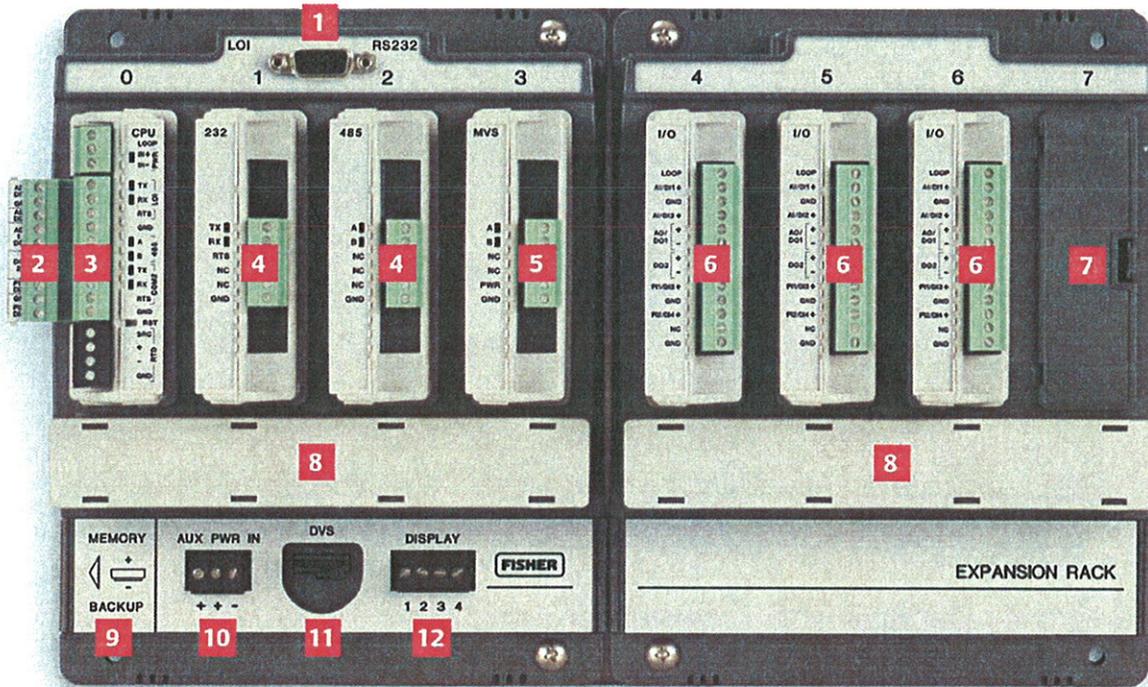
#### Remote Automation Solutions

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

FAX (641) 754-3630

Website: [www.EmersonProcess.com/flow](http://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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ISO 9001:2000



Certificate No. 004372  
Certificate No. 005912

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

**RECEIVED** November 02, 2009

# MVS205 Multi-Variable Sensor

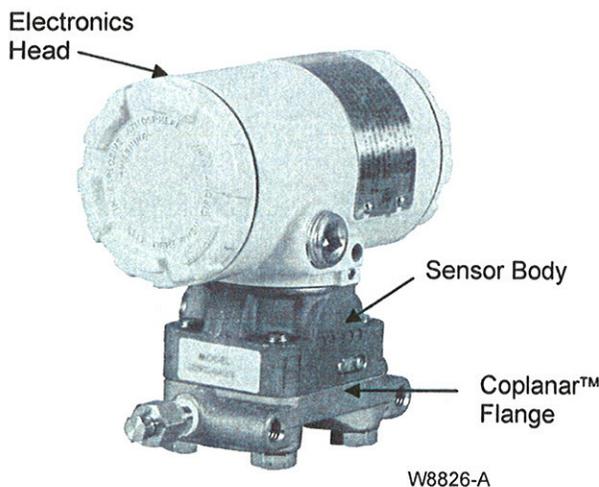
The MVS205 Multi-Variable Sensor (version 1.12 or greater) provides static pressure, differential pressure, and process temperature inputs directly to a ROC 300/800 Series Remote Operations Controller or FloBoss™ 407/500 Series Flow Manager. The inputs from an MVS sensor are used in performing differential 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" H<sub>2</sub>O),  
0 to 62.2 kPa (0 to 250" H<sub>2</sub>O), or  
0 to 248.8 kPa (0 to 1000" H<sub>2</sub>O).

**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<sub>amb</sub>=70°C), T4 (T<sub>amb</sub>=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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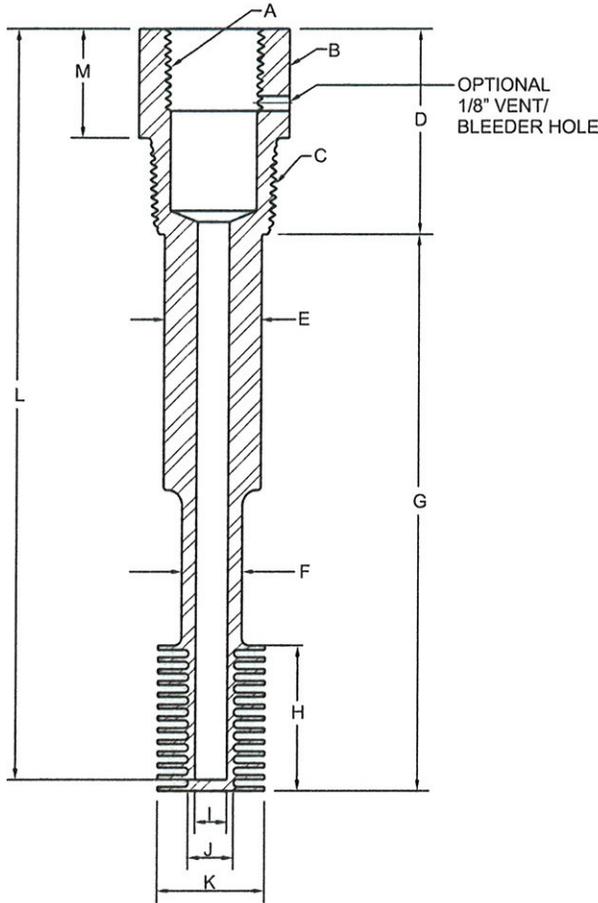
**Emerson Process Management**  
**Flow Computer Division**  
Marshalltown, IA 50158 U.S.A.  
Houston, TX 77041 U.S.A.  
Pickering, North Yorkshire UK Y018 7JA

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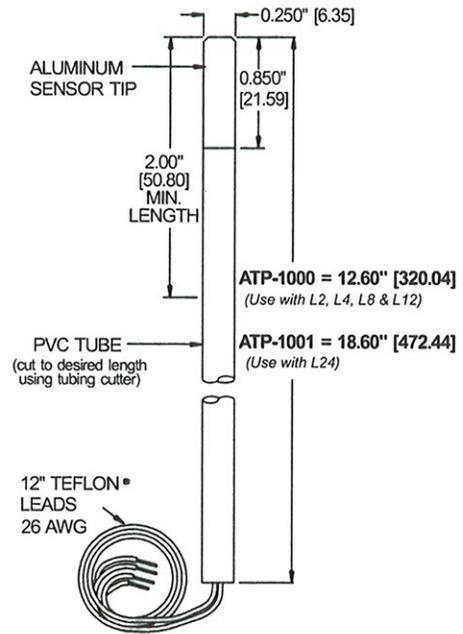


# Thermosync Specifications

## THERMOSYNC MODEL NO. DIMENSIONS



## PROBE



### 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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-062508
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> CLAY BASIN
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY		<b>8. WELL NAME and NUMBER:</b> CLAY BASIN UNIT 14
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902		<b>9. API NUMBER:</b> 43009156380000
<b>PHONE NUMBER:</b> 307 922-5612 Ext		<b>9. FIELD and POOL or WILDCAT:</b> CLAY BASIN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1780 FSL 0982 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 03.0N Range: 24.0E Meridian: S		<b>COUNTY:</b> DAGGETT
		<b>STATE:</b> 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 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 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 23, 2012**

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-062508
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CLAY BASIN
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CLAY BASIN UNIT 14
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY	<b>9. API NUMBER:</b> 43009156380000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902	<b>PHONE NUMBER:</b> 307 922-5612 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1780 FSL 0982 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 03.0N Range: 24.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> CLAY BASIN  <b>COUNTY:</b> DAGGETT  <b>STATE:</b> UTAH

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

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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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 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  
January 09, 2014**

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-062508
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> CLAY BASIN
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY		<b>8. WELL NAME and NUMBER:</b> CLAY BASIN UNIT 14
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902		<b>9. API NUMBER:</b> 43009156380000
<b>PHONE NUMBER:</b> 307 922-5612 Ext		<b>9. FIELD and POOL or WILDCAT:</b> CLAY BASIN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1780 FSL 0982 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 03.0N Range: 24.0E Meridian: S		<b>COUNTY:</b> DAGGETT
		<b>STATE:</b> 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 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 October 25, 2014; after being off more than 90 days.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 31, 2014**

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-062508
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> CLAY BASIN
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY		<b>8. WELL NAME and NUMBER:</b> CLAY BASIN UNIT 14
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902		<b>9. API NUMBER:</b> 43009156380000
<b>PHONE NUMBER:</b> 307 922-5612 Ext		<b>9. FIELD and POOL or WILDCAT:</b> CLAY BASIN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1780 FSL 0982 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 03.0N Range: 24.0E Meridian: S		<b>COUNTY:</b> DAGGETT
		<b>STATE:</b> 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: 10/30/2015	<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 style="width: 100px;" 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**

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