

**FILE NOTATIONS**

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

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

*PMB*  
*6-7-73* *J. H. H. H.*

**COMPLETION DATA:**

Date Well Completed .....

Location Inspected ...

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

Bond released

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

State or Fee Land ....

**LOGS FILED**

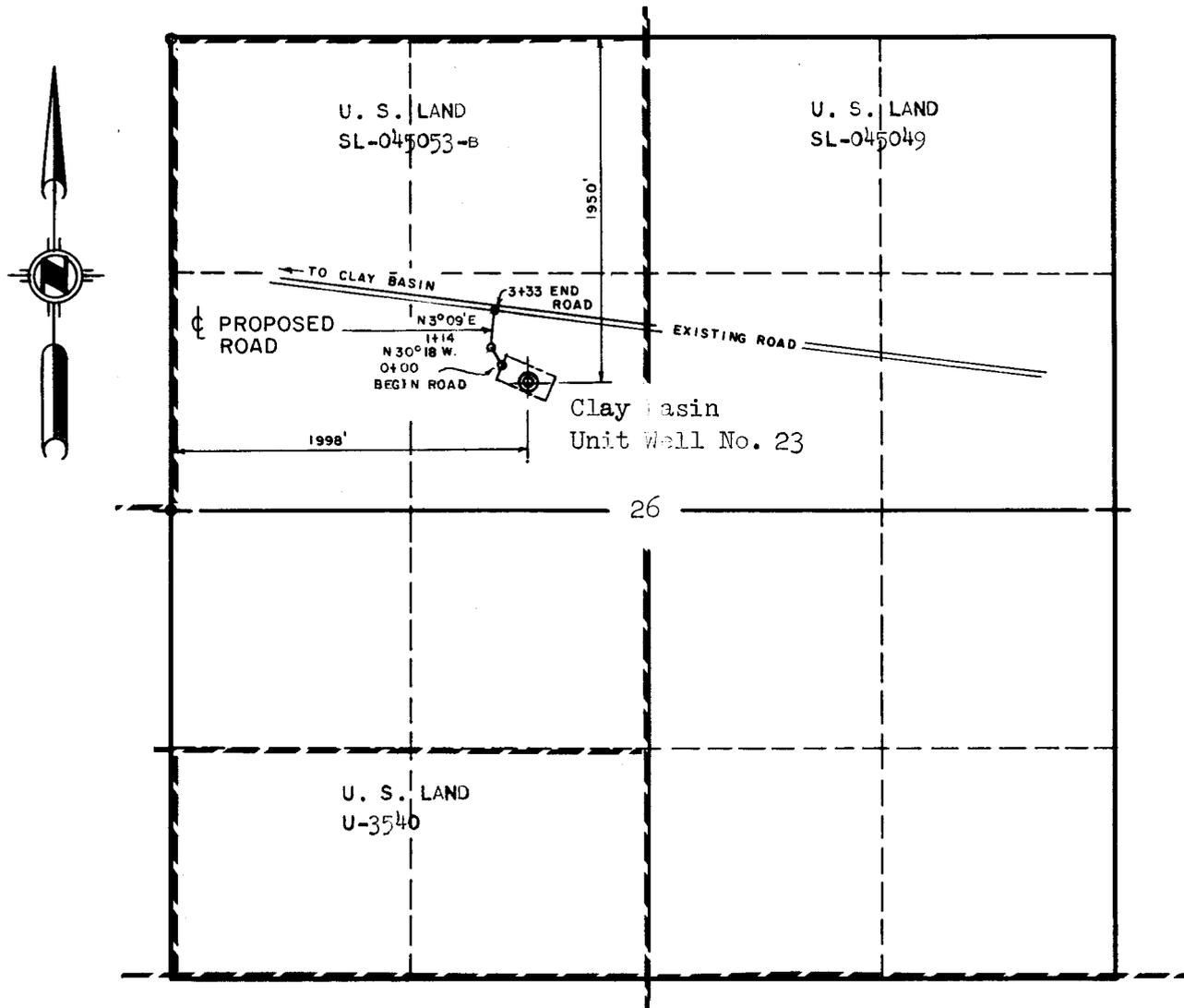
Driller's Log.....

Electric Logs (No.) .....

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

BHC Sonic CR..... Log..... MI-L..... Sonic.....

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

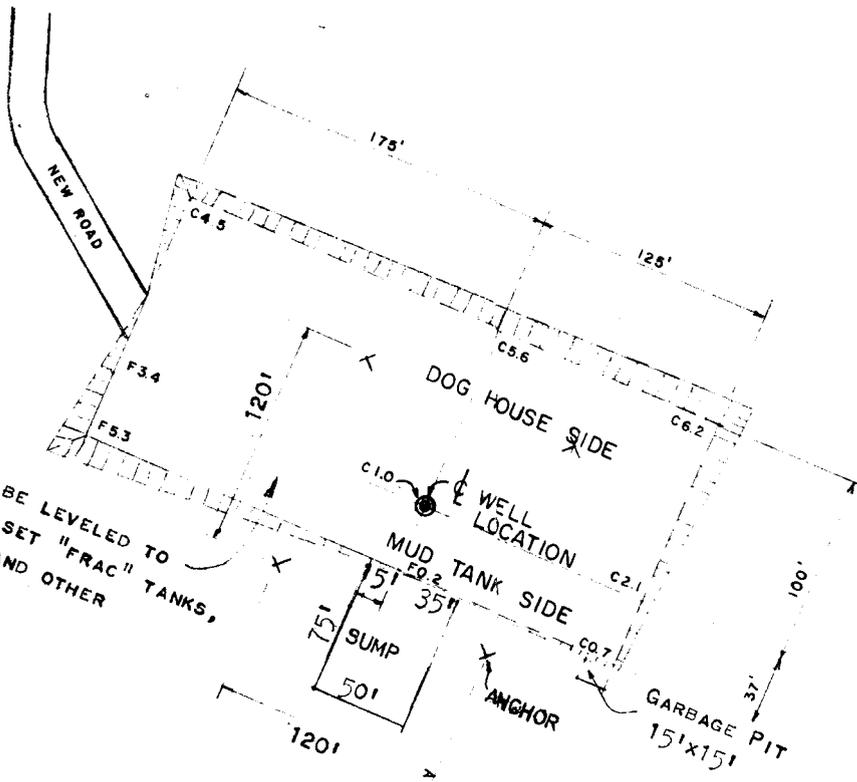


— LOCATION PLAN —  
SCALE: 1" = 1000'

- ⊕ WELL
- ⊕ STONE CORNER
- ⊕ PIPE CORNER

Drilling W.O. 21334

ENGINEERING RECORD	
SURVEYED BY	J. B. Carricaburu 3/22/72
REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input type="checkbox"/>
LOCATION DATA	
FIELD	Clay Basin
LOCATION	SE NW Sec. 26, T. 3N., R. 24E., S. 1, M.
COUNTY	Daggett
STATE	Utah
WELL ELEVATION	6623' (as graded) Elevation by spirit levels-USC&GS Bench Mark Y-102



THIS AREA SHOULD BE LEVELED TO STACK DRILL PIPE, SET "FRAC" TANKS, TESTING SEPARATOR AND OTHER EQUIPMENT.

ENLARGED WELL SITE PLAN  
SCALE: 1" = 100'

NOTE:

ROAD TO THE LOCATION SITE TO BE DETERMINED BY CONDITIONS PREVAILING FOR THE PARTICULAR WELL BUT SHOULD ENTER GRADED AREA ON DOG HOUSE SIDE.

DIMENSIONS OF SITE MAY BE VARIED IF NECESSARY TO ACCOMMODATE THE TOPOGRAPHY, RIG SIZE OR AS DIRECTED BY THE DRILLING DEPARTMENT.

AT SITES WHERE TOPSOIL IS PRESENT, SAME IS TO BE REMOVED AND STORED ON DOGHOUSE SIDE FOR RESTORATION OF THE SITE WHEN REQUIRED.

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

*K. A. Toya*

ENGINEER  
UTAH REGISTRATION No. 2708

REVISIONS					 <b>MOUNTAIN FUEL</b> SUPPLY COMPANY ROCK SPRINGS, WYOMING
NO.	DESCRIPTION	DATE	BY		
2/72					Clay Basin Unit Well No. 23 <b>WELL LOCATION SITE</b> SHOWING <b>ACCESS ROAD</b>
MAP					
S.L.M.					
DRAWN: 3/25/73 DGH					SCALE: AS NOTED
CHECKED: <i>[Signature]</i>					DRWG. NO. M-10562
APPROVED: <b>KAL</b>					

# CLAY BASIN UNIT WELL NO. 23

Drawn By: ~~DA~~ 7-2-73

Schematic: not to scale

## CLAY BASIN FIELD

Drilled by MFSCO. 6-73

Sec. SE NW 26 Twp. 3N R. 24E

Daggett County, Utah

K.B. 6634.00'

11.00' 9.31'

Tubing Spool

Surface elevation 6623.00'

9 5/8" OD Surface Casing	NET	GROSS
1- 10 in. - 3000 psi NSCO. Type B Flange	1.60'	1.60'
1jt- 9 5/8 OD 32.3 # 44 40 Brd ST&C	31.14	31.72
1jt- 9 5/8 OD 32.3 # 44 40 Brd change over joint from ST&C to Hydril triple seal csg.	6.30	6.93
7jt- 9 5/8 OD Mannesman 500-PS 47 #, Hydril triple seal	258.94	261.39
1- Baker guide shoe	1.28	1.28
<b>TOTAL</b>	<b>299.26'</b>	<b>302.92'</b>

310.26' KBM 9 5/8" OD csg.

Above csg landed at 310.26' KBM, or 11.00' below KB  
Spot welded all joints, top and bottom. Circulated casing  
3/4 hrs with rig pump prior to cementing with 328  
sacks regular type cement treated with 1518  
pounds Dowell D43A Displaced cement with 23 barrels  
water. Good circulation while cementing and displacing.  
Returned 23 barrels slurry to pits. Bumped plug  
with 500 psi. Plug down and cement in place at  
11:50 pm 6-13-73.

### 4 1/2" OD Production Casing

1 pc 4 1/2 OD, 11.6 # A-80 Brd, LT&C	8.73'	8.98'
179 jts 4 1/2 OD, 11.6 #, N-80, Brd, LT&C	5774.30	5819.55
1- Baker differential fill-up float	1.67	1.92
1jt 4 1/2 OD, 11.6 #, N-80, Brd, LT&C	32.05	32.30
1- Baker guide shoe	0.75	0.75
	<b>5798.50</b>	<b>5863.50</b>

The above casing landed at 5798.77' KBM, or  
11.00' below KB in an NSCO. Type B 10" 3000 psi  
casing flange with full weight of 52,000 pounds on  
casing hanger. Circulated casing for 1/2 hour prior  
to cementing with 400 sacks 50-50 portmix  
cement. Displaced cement with 90 barrels of  
water. Rotated casing while cementing and  
displacing. Good mud returns throughout. Bumped  
plug with 2600 psi. Plug down and cement in place  
at 9:30 am, 6-30-73.

5796.77 KBM 4 1/2" OD CS9.

5802 TD

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

March 7, 1973

Tentative Plan to Drill  
Unit Well No. 23  
Clay Basin Field

This well will be drilled to total depth by \_\_\_\_\_ Drilling Company. One work order has been originated for the drilling and completion of this well, namely 21334, Drill Unit Well No. 23, Clay Basin Field, located in SE NW Sec. 26, T. 3 N., R. 24 E., Daggett County, Utah. A 7-7/8-inch hole will be drilled to a total depth of 5820 feet and 4-1/2-inch O.D. casing run. It is planned to complete the well as a gas producer in the Frontier formation. Two drill stem tests are anticipated.

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

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

4. Drill 7-7/8-inch hole to the total depth of 5820 feet or to such depth as the Geological Department may recommend. A mud de-sander will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. A portable logging unit will be used from 5000 feet to total depth. A Company Geologist will be on location to check cutting samples; 10 foot samples from 5000 feet to total depth. The mud system will consist of properties adequate to allow the running of drill stem tests. The mud weight should be held as low as practical. Two drill stem tests are anticipated starting at a depth of approximately 5600 feet. Anticipated tops are as follows:

	<u>Approximate Depth (Feet KBM)</u>
Mancos	Surface
Frontier	5600
Mowry	5800
Total Depth	5820

5. Run a dual induction-laterolog from total depth to the bottom of the surface pipe (linear 2-inch, logarithmic 5-inch with RXO/Rt on 5-inch) and compensated density gamma ray caliper log with "F" log overlay from total depth to 4450 feet.
6. Assume commercial quantities of gas and/or oil are present as indicated by open hole drill stem test or log analysis. Go into hole with 7-7/8-inch bit and drill pipe to total depth to condition mud prior to running production

casing. Pull bit laying down drill pipe and drill collars.

7. Run 4-1/2-inch O.D. casing as outlined in Item No. I, General Information, through the deepest producing zone as indicated by open hole drill stem tests or log analysis. A Baker 4-1/2-inch O.D., 8 round thread Type G circulating differential fillup collar and guide shoe will be run as floating equipment. Cement casing with 50-50 Pozmix "A" cement. Bring cement top behind the 4-1/2-inch O.D. casing above the uppermost producing zone as indicated by drill stem test and log analysis. Circulate 150 barrels of drilling mud prior to beginning cementing operations. Capacity of the 4-1/2-inch O.D. casing is approximately 91 barrels. Cement requirements will be based on actual hole size as determined by the caliper portion of the formation density log. Rotate casing while circulating, mixing and displacing cement. Displace cement with water.
8. Immediately after cementing operations are completed, land the 4-1/2-inch O.D. casing with full weight of casing on slips in the 10-inch 3000 psi casing flange and record indicator weight. Install NSCo. Type B 10-inch 3000 psi by 6-inch 5000 psi tubing spool. Pressure test primary and secondary seals to 3000 psi for 5 minutes. Minimum collapse pressure for 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, IT&C casing is 5950 psi. Install a steel plate on the 6-inch 5000 psi tubing spool flange.
9. Release drilling rig and move off location.
10. Move in and rig up a completion rig.
11. Install a 6-inch 5000 psi hydraulically operated double gate preventer with blind rams on bottom and 2-3/8-inch tubing rams on top.
12. After a WOC time of at least 50 hours, rig up Dresser Atlas and run bond log and perforating formation control log from plugged back depth to top of cement behind the 4-1/2-inch O.D. casing.

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

GENERAL INFORMATION

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

<u>Description</u>	<u>Approximate Gross Measurement (feet)</u>	<u>Availability</u>
	<u>Surface Casing</u>	
9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing	330	Warehouse stock
	<u>Production Casing</u>	
4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing	6000	Warehouse stock
	<u>Production Tubing</u>	
2-3/8-inch O.D., 4.6-pound, J-55, seal lock tubing	6200	To be purchased

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

III. Well responsibility - J. A. Colburn

## INTEROFFICE COMMUNICATION

**FROM** R. G. Myers

Rock Springs, Wyoming

**CITY**

**STATE**

**TO** B. W. Croft

**DATE** April 11, 1973

**SUBJECT** Tentative Plan to Drill  
Unit Well No. 23  
Clay Basin Field

Attached for your information and files is a tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated January 30, 1973.

RGM/gm

Attachment

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

May 29, 1973

DEVELOPMENT PLAN  
FOR  
U.S.G.S. APPROVAL  
OF  
SURFACE USE  
MOUNTAIN FUEL DRILLING WELLS

Well Name Clay Basin Unit Well No. 23

Field or Area Clay Basin

1. Existing roads.  
Refer to attached drawing No. M-9030.
2. Planned access roads.  
Refer to attached drawing Nos. M-10562 and M-9030.
3. Location of wells.  
Refer to attached drawing No. M-9030.
4. Lateral roads to well locations.  
Refer to attached drawing No. M-9030.
5. Location of tank batteries and flowlines.  
Refer to attached drawing M-9030.
6. Location and types of water supply.  
Water will be hauled by tank truck from Red Creek. Refer to drawing No. M-9030.
7. Methods of handling waste disposal.  
Refer to attached drawing No. M-10562 showing the location and size of the garbage pit and sump pit.
8. Location of camps.  
Refer to attached drawing No. M-9030 for the location of Clay Basin Camp.
9. Location of airstrips.  
There is an existing airstrip in the Clay Basin field. Refer to drawing No. M-9030 for location.
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.  
Refer to attached drawing No. M-10562.
11. Plans for restoration of the surface.  
After drilling operations, the well site will be cleared and cleaned and all sumps filled in. Should the well be a dry hole, the access road and well site will be abandoned and surfaces restored to the extent practicable and seeded. Should the well be a producer, areas of non-use will be restored and seeded.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment.  
The well site is on open sagebrush grazing land adjacent to the Clay Basin-Brown's Park county road. The location was staked last spring as an alternate location for Clay Basin Unit Well No. 20 but was never used for that purpose. On March 22, 1972, an on-site meeting was held with Mr. Dan Gardner of the Vernal District of the Bureau of Land Management. At that time, Mr. Gardner indicated approval of our proposed plan of surface development.

cc: P. Zubatch (4)  
D. E. Dallas  
A. A. Pentila  
J. B. Carricaburu

Signed *K. G. Jozak*  
Civil Engineering Supervisor

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Mountain Fuel Supply Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface                      1950' FNL,                      1998' FWL                      SE NW  
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)                      630'                      -

16. NO. OF ACRES IN LEASE                      680

17. NO. OF ACRES ASSIGNED TO THIS WELL                      -

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

19. PROPOSED DEPTH                      5820' ✓

20. ROTARY OR CABLE TOOLS                      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 6623'

22. APPROX. DATE WORK WILL START\*  
 June 21, 1973

5. LEASE DESIGNATION AND SERIAL NO.  
 SL - 045053-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 -

7. UNIT AGREEMENT NAME  
 Clay Basin Unit

8. FARM OR LEASE NAME  
 Unit Well

9. WELL NO.  
 23

10. FIELD AND POOL, OR WILDCAT  
 Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SE NW 26-3N-24E., S.L.M.

12. COUNTY OR PARISH                      13. STATE  
 Daggett                      Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	9-5/8	32.3	300	323
7-7/8	4-1/2	11.6	to be	determined

We would like to drill the subject well to an estimated depth of 5820', anticipated formation tops are as follows: Mancos at the surface, Frontier at 5600' and Mowry at 5800'.

Blow out preventers will be checked daily and mud will be adequate to contain formation fluids.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE JUN 7 1973

BY *CB Feight*

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 *BW Croft* TITLE Vice President, DATE June 5, 1973  
Gas Supply Operations

(This space for Federal or State office use)

PERMIT NO. 43-009-30009 APPROVAL DATE \_\_\_\_\_

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 - 045053-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <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. 23
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1950' FNL, 1988' FWL SE NW		10. FIELD AND POOL, OR WILDCAT Clay Basin
14. PERMIT NO. 43-009-30009		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE NW 26-3N-24E., S.L.M.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6634.00' GR 6623'		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u>	<input checked="" type="checkbox"/>

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

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

Depth 5638', drilling.

Spudded June 13, 1973.

Landed 299.26' net, 302.62' gross of 9-5/8"OD, 47#, Soo-95 triple seal casing at 310.26' KBM with 328 sacks of cement.

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

SIGNED BW Coft TITLE Vice President, Gas Supply Operations DATE June 25, 1973

(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 SLC  
LEASE NUMBER \_\_\_\_\_  
UNIT Clay Basin

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Daguer Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUN 1973, 19\_\_

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

SALT LAKE CITY, UTAH ~~XXXX~~ Signed E. Murphy

Phone 328-8315 84139 Agent's title 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)
<b>SLC - 045053-B - E.S. Lauzer B Clay Basin Well #23</b>										
SE NW 26	3N	24E	23							Spud June 13, 1973 TD 5,802' Shut In

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SLC  
LEASE NUMBER Clay Basin  
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 JUL 1973, 19\_\_

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

SALT LAKE CITY, UTAH ~~XXXX~~ Signed D. Murphy

Phone 328-8315 84139 Agent's title 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>SLC - 045053-B - E.S. Lauzer B Clay Basin Well No. 23</del>							
SE NW 26	3N	24E	23							Spud June 13, 1973 TD 5,802' Shut In

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

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

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

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

July 3, 1973

Tentative Plan to Complete  
Unit Well No. 23  
Clay Basin Field

Present status of well is as follows:

- a. 9-5/8-inch O.D., 47-pound, Soo-95 triple seal casing landed at 310.26 feet KBM.
- b. 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing landed at 5797 feet KBM.
- c. The cement behind the 4-1/2-inch O.D. casing was in place at 9:30 A.M., June 30, 1973. Calculated cement top behind the 4-1/2-inch casing is 4500 feet.
- d. A 10-inch 3000 psi by 6-inch 5000 psi pressure crossover tubing spool was installed and the seals pressure tested to 3000 psi for 5 minutes. This leaves a 6-inch 5000 psi flange looking up.

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

Drill Stem Test No. 3

Depth 5715 feet, packers 5650 feet and 5655 feet

Frontier 5655 feet to 5715 feet

10 1/2 hour, ISI 1-1/2 hours, FO 2-1/2 hours, FSI 4-1/2 hours, opened weak, increasing in 2 minutes, no gas; reopened strong, 1/4 hour 101 MCF, 1/2 hour 116 MCF, 3/4 hour 116 MCF, 1 hour 129 MCF, 1-1/4 hours 129 MCF, 1-1/2 hours 129 MCF, 1-3/4 hours 129 MCF, 2 hours 134 MCF, 2-1/4 hours 141 MCF, 2-1/2 hours 141 MCF. Recovered 700 feet gas cut mud (9.7 ppg, Res. 2.10), pit mud 9.7 ppg, Res. 2.10.

IHP 2838, IOFP's 168-252, ISIP 1889, FOFP's 140-206, FSIP 1983, FHP 2810.

BHT 120°F.

A tentative plan to complete the well follows:

NOTE: KB is 9.05 feet above the 6-inch 5000 psi tubing spool.

1. Rig up Dresser Atlas lubricator and run a cement bond PFC log from plug back depth to the top of the cement behind the 4-1/2-inch casing.
2. Install a 6-inch 5000 psi double gate hydraulically operated blowout preventer with 2-3/8-inch rams in top and blind rams in bottom.

3. After a WOC time of at least 56 hours, run a 3-3/4-inch bit on 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing to check plugged back depth.
4. Using Halliburton pump truck, pressure test casing and tubing rams to 5000 psi for 15 minutes. The minimum internal yield for new 4-1/2-inch O.D., 11.6-pound, N-80 casing is 7780 psi and the wellhead has a working pressure of 5000 psi with a test pressure of 10,000 psi. Land tubing on the NSCo. Type H-1 tubing hanger and pressure test casing and blind rams to 5000 psi for 15 minutes.
5. Displace the water out of the casing from plugged back depth to surface with drip oil treated with 0.05-pound Adomite and 0.005 gallon FR-5 per gallon drip oil. Approximately 89 barrels will be required. Pull 2-3/8-inch O.D. tubing and stand in derrick.
6. Rig up Dresser Atlas lubricator and perforate with two Golden Jet holes per foot as follows:

5652 feet to 5676 feet KBM  
5686 feet to 5694 feet KBM

In all a total of 32 feet will be perforated with 64 holes. The above perforating depths are from the Dresser Atlas sonic log dated June 29, 1973. Record any surface pressure.

7. Install a 6-inch 3000 psi stripper head with a 2-3/8-inch rubber. Run and land 2-3/8-inch O.D. tubing at a maximum depth of 5630 feet KBM as follows:

(Top of String in Well)

- 1 NSCo. H-1 tubing hanger tapped for 2-3/8-inch O.D., 8 round thread, EUE tubing.
- 1 Baker 2-3/8-inch blast joint (2-3/8-inch 8 round thread EUE double pin) approximately three feet long.
- 1 2-3/8-inch 8 round thread EUE collar.

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

Approximately 5620 feet 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing.

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

8. Remove blowout preventer and stripper head. Install upper portion of wellhead.
9. Rig up three HT-400 pump trucks and one pressurized blender in order to apply sand-oil treatment to above casing perforations down 2-3/8-inch O.D. tubing and 2-3/8-inch O.D. tubing by 4-1/2-inch O.D. casing annulus simultaneously. Install a frac-ball injector in the discharge line going to the tubing and a pressure recorder on one of the discharge lines going to the casing. A fracometer will be used during the sand-oil treatment. A Halliburton fire truck and mechanic will be on location. The annulus between the 9-5/8-inch O.D. casing and the 4-1/2-inch O.D. casing should be open and observed during the fracturing operations.
10. Pressure test surface lines from pump trucks to wellhead to 7000 psi. Fill the 2-3/8-inch O.D. tubing and pump out plug with drip oil treated with 0.05-pound Adomite and 0.005 gallon FR-5 per gallon drip oil. 20 barrels will be required. Using all three pump trucks, pump 60 barrels (2520 gallons) drip oil treated as above in order to obtain breakdown pressure and injection rate. During this time, observe surface lines, connections and wellhead for leaks. If breakdown pressure is 5500 psi or less, proceed with the sand-oil treatment.
11. Apply the sand-oil treatment in the following manner: All drip oil will be treated with 0.05-pound Adomite and 0.005 gallon FR-5 per gallon except that used during the flush, and all sand will be 20-40 mesh Ottawa. Do not exceed a maximum surface pump pressure of 6500 psig.
  - A. Pump 5000 gallons drip oil mixed with 1/2 ppg sand.
  - Pump 5000 gallons drip oil mixed with 3/4 ppg sand.
  - Pump 5000 gallons drip oil mixed with 1 ppg sand.

- B. Inject 30 7/8-inch O.D. rubber coated nylon ball sealers.
12. Repeat Item No. 11, Part A only. Displace the drip oil-sand-Adomite-FR-5 mixture with 105 barrels drip oil treated with 0.005 gallon FR-5 per gallon drip oil. This represents the capacity of the casing and tubing to the top of the perforations at 5652 feet KBM plus 18 barrels in order to allow for pumps and discharge lines.
14. Rig up Halliburton wireline equipment and run 7/8-inch weight section to determine sand fillup in the 4-1/2-inch O.D. casing. Leave well shut in 8 hours.
15. Run short production test through separator. Release rig.

GENERAL INFORMATION

- I. The following material will be used during the sand-oil treatment.
- a. Drip Oil
- |                    |                  |
|--------------------|------------------|
| 89 barrels         | - load hole      |
| 20 barrels         | - fill tubing    |
| 60 barrels         | - breakdown      |
| 714 barrels        | - treating fluid |
| 105 barrels        | - displacement   |
| <u>217</u> barrels | - contingencies  |
| 1200 barrels       | - total          |
- II. Three 400 barrel tanks will be used for drip oil storage.
- III. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

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 - 045053-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Mountain Fuel Supply Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1950' FNL, 1988' FWL SE NW</p> <p>14. PERMIT NO. 43-009-30009</p>	<p>7. UNIT AGREEMENT NAME Clay Basin Unit</p> <p>8. FARM OR LEASE NAME Unit Well</p> <p>9. WELL NO. 23</p> <p>10. FIELD AND POOL, OR WILDCAT Clay Basin</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE NW 26-3N-24E., S.L.M.</p> <p>12. COUNTY OR PARISH Daggett</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6634.00' GR 6623'</p>	

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) Supplementary history <input checked="" type="checkbox"/>	

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

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

TD 5802', rig released June 30, 1973.

DST #1: 5585-5638', Frontier, IO 1/2 hr, ISI 1 hr, FO 2 hrs, FSI 3-3/4 hrs, opened weak increase to strong in 5 minutes, no gas, reopened strong, no gas, recovered 670' gas cut mud. IHP 2829, IOFP's 31-168, ISIP 1401, FOFP's 75-318, FSIP 2340, FHP 2791.

DST #2: 5647-5715', Frontier, IO 3/4 hr, ISI 1 1/2 hrs, FO 2 1/2 hrs, FSI 4 1/2 hrs, opened weak, no gas, reopened weak, gas in 27 minutes not enough to gauge (2" valve to pit open), recovered 700' gas cut mud, IHP 2857, IOFP's 196-262, ISIP 1983, FOFP's 262-280, FSIP 2001, FHP 2883.

DST #3: 5655-5715', Frontier, IO 1/2 hr, ISI 1 1/2 hrs, FO 2 1/2 hrs, FSI 4 1/2 hrs, opened weak, no gas, reopened strong, 1/2 hr 116 Mcf, 1 hr 129 Mcf, 1 1/2 hrs 129 Mcf, 2 hrs 134 Mcf, 2 1/2 hrs 141 Mcf, recovered 700' gas cut mud. IHP 2838, IOFP's 168-252, ISIP 1889, FOFP's 140-206, FSIP 1983, FHP 2810.

Landed 5785.77' net, 5863.50' gross of 4 1/2" OD, 11.6#, N-80, 8rd thd, LT&C casing at 5796.77' KBM and set with 400 sacks of cement.

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

SIGNED BW Croft TITLE Vice President, Gas Supply Operations DATE July 11, 1973

(This space for Federal or State office use)

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

CP  
M

W

# INTEROFFICE COMMUNICATION

**FROM** T. M. Colson

Rock Springs, Wyoming  
**CITY** **STATE**

**TO** B. W. Croft

**DATE** July 16, 1973

**SUBJECT** Tentative Plan to Complete  
Unit Well No. 23  
Clay Basin Field

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

TMC/gm

Attachment

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE \*  
(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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Mountain Fuel Supply Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1950' FNL, 1988' FWL SE NW</p> <p>14. PERMIT NO. 43-009-30009</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. SL - 045053-b</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Clay Basin Unit</p> <p>8. FARM OR LEASE NAME Unit Well</p> <p>9. WELL NO. 23</p> <p>10. FIELD AND POOL, OR WILDCAT Church Buttes - Frontier</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE NW 26-3N-24E., S.L.M.</p> <p>12. COUNTY OR PARISH Daggett</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6634' GR 6623'</p>	

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

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

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

TD 5802', PBD 5767', well shut in.  
Rigged up completion tools on 7-25-73, perforated from 5652' to 5676' and from 5686' to 5694' with 2 holes per foot, landed 2-3/8" tubing at 5610.27', applied sand oil fracturing treatment using 30,000 gallons treated drip oil and 1/2 to 1 ppg 20-40 mesh sand, and at the end of a test well was flowing 1064 Mcf of gas per day through 17/64" choke, FTP 1000, CP 1100, sep. 750, rig released 7-29-73.  
Final report.

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

SIGNED BW Craft TITLE Vice President, Gas Supply Operations DATE August 7, 1973

(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 DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SL - 045053 b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

23

10. FIELD AND POOL, OR WILDCAT

Clay Basin - Frontier

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

SE NW 26-3N-24E., S.L.M.

12. COUNTY OR PARISH  
Daggett

13. STATE  
Utah

14. PERMIT NO. 43-009- | DATE ISSUED 30009

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1950' FNL, 1988' FWL SE NW  
At top prod. interval reported below  
At total depth

15. DATE SPUNDED 6-13-73 16. DATE T.D. REACHED 6-28-73 17. DATE COMPL. (Ready to prod.) 7-29-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* KB 6634' GR 6623' 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 5802' 21. PLUG, BACK T.D., MD & TVD 5767' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0 - 5802' 25. CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5652-5676', 5686-5694' - Frontier 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Densilog, Dual Induction Focused 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	47	310.26	12-1/4	328	0
4-1/2	11.6	5796.77'	7-7/8	400	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	5610.27'	

31. PERFORATION RECORD (Interval, size and number) 5652-5676', 5686-5694', jet, 2 holes/ft. 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5652-5694	30,000 gals. treated drip oil & 1/2 to 1 ppg 20-40 mesh sand

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
Shut in	Flowing	Shut in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-29-73	6	17/64"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1000	1100	→	-	1064 ✓	-		

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

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

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED BW Craft Vice President, TITLE Gas Supply Operations DATE August 7, 1973

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

# INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 37.

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

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.  
**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.  
**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
				Log tops:	
				Mancos	0'
				Frontier	5565'
				Mowry	5773'

100  
101

COMPLETION REPORT

Well: Clay Basin Unit Well No. 23 Date: August 28, 1973

Area: Clay Basin Lease No: SL-045053-b

New Field Wildcat                       Development Well                       Shallower Pool Test  
 New Pool Wildcat                       Extension                       Deeper Pool Test

Location: 1950 feet from North line, 1998 feet from West line

SE  $\frac{1}{4}$  NW  $\frac{1}{4}$

Section 26, Township 3 North, Range 24 East

County: Daggett State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 6634 Gr 6623 Total Depth: Driller 5802 Log 5780

Drilling Commenced: June 13, 1973 Drilling Completed: June 28, 1973

Rig Released: June 30, 1973 Well Completed: July 29, 1973

Sample Tops: (unadjusted)

Log Tops:

Mancos	Surface	Mancos	Surface
Frontier	5575'	Frontier	5565'
Mowry	5755'	Mowry	5773'

Sample Cuttings: 5000 feet to 5802 feet, deposited in core lab  
Rock Springs, Wyoming

Status: Gas well, shut-in

Producing Formation: Frontier

Perforations: 5652-5676 feet, 5686-5694 feet

Stimulation: Sand-oil treatment

Production: 1064 Mcf

Plug Back Depth: 5767 feet

Plugs: 5767-5802 feet

Hole Size: 12-1/4" surface to 310 feet, 7-7/8" to 5802 feet

Casing/Tubing: 9-5/8" @ 310.26 feet with 328 sacks; 4-1/2" @ 5796.77 feet with 400 sacks;  
2-3/8" @ 5610 feet

Logging - Mud: None

Mechanical: DIL 310 feet to 5774 feet; Density-GammaRay 4275 feet to 5778 feet

Contractor: Chandler and Associates

Completion Report Prepared by: R. L. Lloyd

Remarks: Upper bench of the Frontier Formation drilled unusually hard for this area.

COMPLETION REPORT (cont.)

Well: Clay Basin Unit Well #23

Area: Clay Basin

Cored Intervals (recovery): None

Tabulation of Drill Stem Tests:

<u>No.</u>	<u>Interval</u>	<u>IHP</u>	<u>IFP (min.)</u>	<u>ISIP (min.)</u>	<u>FFP (min.)</u>	<u>FSIP (min.)</u>	<u>FHP</u>	<u>Samples Caught</u>	<u>Remarks</u>
1	5592-5638	2817	155-204 (28)	1438 (61)	172-341 (121)	2364 (225)	2805	Mud	NGTS; Rec. 180' Mud, 490' Sli. GCM
2	5647-5715	2849	248-350 (45)	1983 (90)	348-271 (148)	2008 (272)	2824	Mud	NETG; Rec. 700' GCM, Discovered 2" valve in flow line open to reserve pit, <u>Misrun.</u>
3	5655-5715	2811	183-237 (33)	1884 (89)	162-198 (151)	1990 (267)	2792	Mud	147 Mcf level flow, Rec. 700' GCM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SLC  
LEASE NUMBER \_\_\_\_\_  
UNIT Clay Basin

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG 1973, 19\_\_\_\_.

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

SALT LAKE CITY, UTAH 84139 Signed J. Murphy

Phone 328-8315 Agent's title 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)
<b>SLC - 045053-B - E.S. Lauzer B Clay Basin Well No. 23</b>										
SE NW 26	3N	24E	23							Spud June 13, 1973 TD 5,802' PBD 5,767' Shut In

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SLC  
LEASE NUMBER \_\_\_\_\_  
UNIT Clay Basin

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP 1973, 19

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

SALT LAKE CITY, UTAH 84139

Signed J. Murphy

Phone 328-8315

Agent's title 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>SLC - 045053-B - E. S. LAUER B Clay Basin Well No. 23</del>										
SE NW 26	3N	24E	23							Spud June 13, 1973 TD 5,802' PBD 5,767' Shut in

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SLC  
LEASE NUMBER \_\_\_\_\_  
UNIT Clay Basin

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT 1973, 19\_\_

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

SALT LAKE CITY, UTAH 84139 Signed E. Murphey

Phone 328-8315 Agent's title 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)
<b>SLC - 045053-B E.S. Lauzer B Clay Basin Well No. 23</b>										
SE NW 26	3N	24E	23							Spud June 13, 1973 TD 5,802' PBD 5,767' Shut In

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SLC  
LEASE NUMBER \_\_\_\_\_  
UNIT Clay Basin

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOV 1973, 19

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

SALT LAKE CITY, UTAH 84139 Signed J. Murphy

Phone 328-8315 Agent's title 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)
<b>SLC- 045053-B - E. S. Lauzer B Clay Basin Well No. 23</b>										
SE NW 26	3N	24E	23							Spud June 13, 1973 TD 5,802' PBD 5,767' Initial Production 11-19-73 Final Report See Other Report

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

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

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



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

3N 24E 26

LOCATION: <b>Clay Basin M.S. #7</b>				COUNTY: <b>Daggett</b>		STATE: <b>Utah</b>		DATE: <b>10-20-82</b>	
STATION OR CUSTOMER: <b>Clay Basin #23</b>						TIME OF TEST: <b>9:30 AM</b>			
ORIFICE METER: <b>Foxboro</b>		MAKE: <b>393705</b>		SERIAL NO.: <b>27</b>		TYPE: <b>89N0746</b>		CHART NO.: <b>D.S.</b>	
METER RANGE: <b>100</b>		INCHES: <b>1000</b>		POUNDS: <b>11.6</b>		ATMOS. PRESS.: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		IS ATMOS SET ON CHART? <input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear	
METER READING: <b>D. W. Press 582</b>		DEAD WEIGHT CHECK: <b>Atmos. Press 11.6</b>		STATIC FOUND: <b>7.70</b>		STATIC LEFT: <b>7.70</b>		Diff. Found: <b>0</b>	
								Diff. Left: <b>0</b>	
								Temp. Found: <b>-</b>	
								Temp. Left: <b>-</b>	
								Time Log: <b>6 hrs.</b>	

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						
Man.	Meter	Man.	Meter	Man.	Meter	Man.	Meter									
0	0	80	79.9	0	0	80	80							$\sqrt{\frac{P_{sia} \times 100}{R_p}}$ $= \sqrt{\frac{593.6 \times 100}{1000}} = 7.70$		
10	9.9	60	60	10	10	60	60									
30	29.7	40	40.1	30	30	40	40									
50	49.5	20	20.2	50	50	20	20	THERMOMETER								
70	70.3	0	0	70	70	0	0	MAKE - <b>None</b>								
90	89.1			90	90			RANGE				SERIAL NO.				
AS FOUND				AS LEFT				UP				DOWN				
Test Therm		Rec. Therm		Test Therm		Rec. Therm		Test Therm		Rec. Therm		Test Therm		Rec. Therm		

ORIFICE PLATE				ORIFICE FITTING OR UNION			
Size <b>3" x 1.250"</b>				Make - <b>Daniel</b>			
Edges Sharp? <b>Yes</b>		Orifice Condition		Serial No. <b>ASA 600</b>		Type - <b>Simplex</b>	
		Damaged? <b>no</b> Dirty? <b>no</b>		Line Size <b>600</b>		I.D. <b>3.068</b>	
Micro Horizontal <b>OK</b>		Micro Vertical <b>OK</b>		Meter Tube			
				Upstream ID			
				Downstream ID			

TELEMETERING																GRAVITY:		ATMOS. TEMP.	
DIFFERENTIAL								PRESSURE								REMARKS:			
FOUND				LEFT				FOUND				LEFT				Replaced diff. bearings and repacked with grease Changed orifice plate from 0.500 to 1.250.  M.F.S. CO. TESTER: <b>Fred Kunkel</b>  WITNESS:			
UP		DOWN		UP		DOWN		UP		DOWN		UP		DOWN					
TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS	TEST	TRANS				
0%		100%		0%		100%		0%		100%		0%		100%					
25%		75%		25%		75%		25%		75%		25%		75%					
50%		50%		50%		50%		50%		50%		50%		50%					
75%		25%		75%		25%		75%		25%		75%		25%					
100%		0%		100%		0%		100%		0%		100%		0%					

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

9.25  
9.00  
8.75  
8.50  
8.25  
8.00  
7.75  
7.50  
7.25  
7.00  
6.75  
6.50  
6.25  
6.00  
5.75  
5.50  
5.25  
5.00  
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1.75  
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1.25  
1.00  
.75  
.50  
.25  
0.00



**MOUNTAIN FUEL SUPPLY COMPANY**

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

April 10, 1984

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

Gentlemen:

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

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

MOUNTAIN FUEL SUPPLY COMPANY

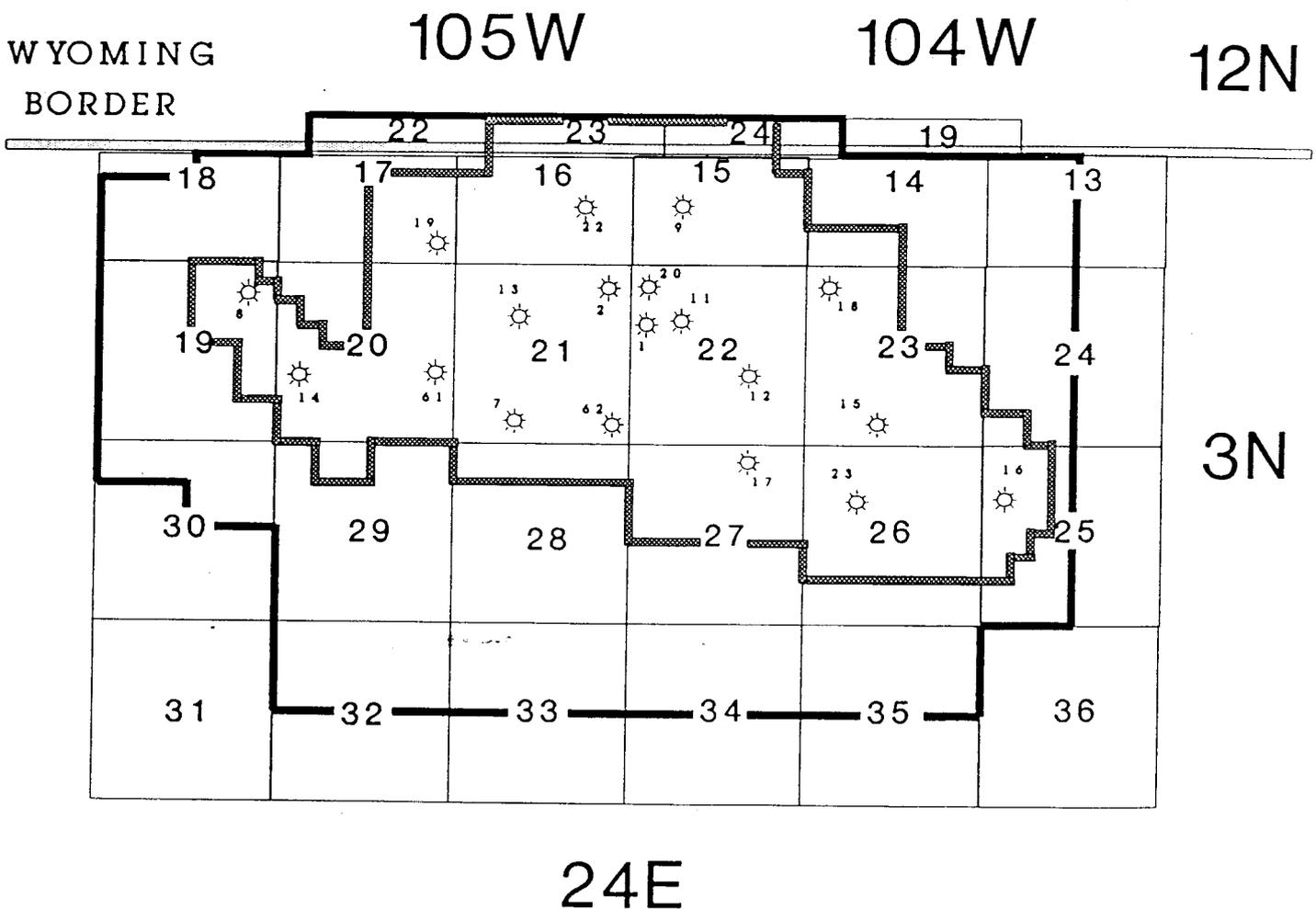
BY:

  
\_\_\_\_\_  
W. F. Edwards  
Vice President

cc: Mr. E. W. Gynn  
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

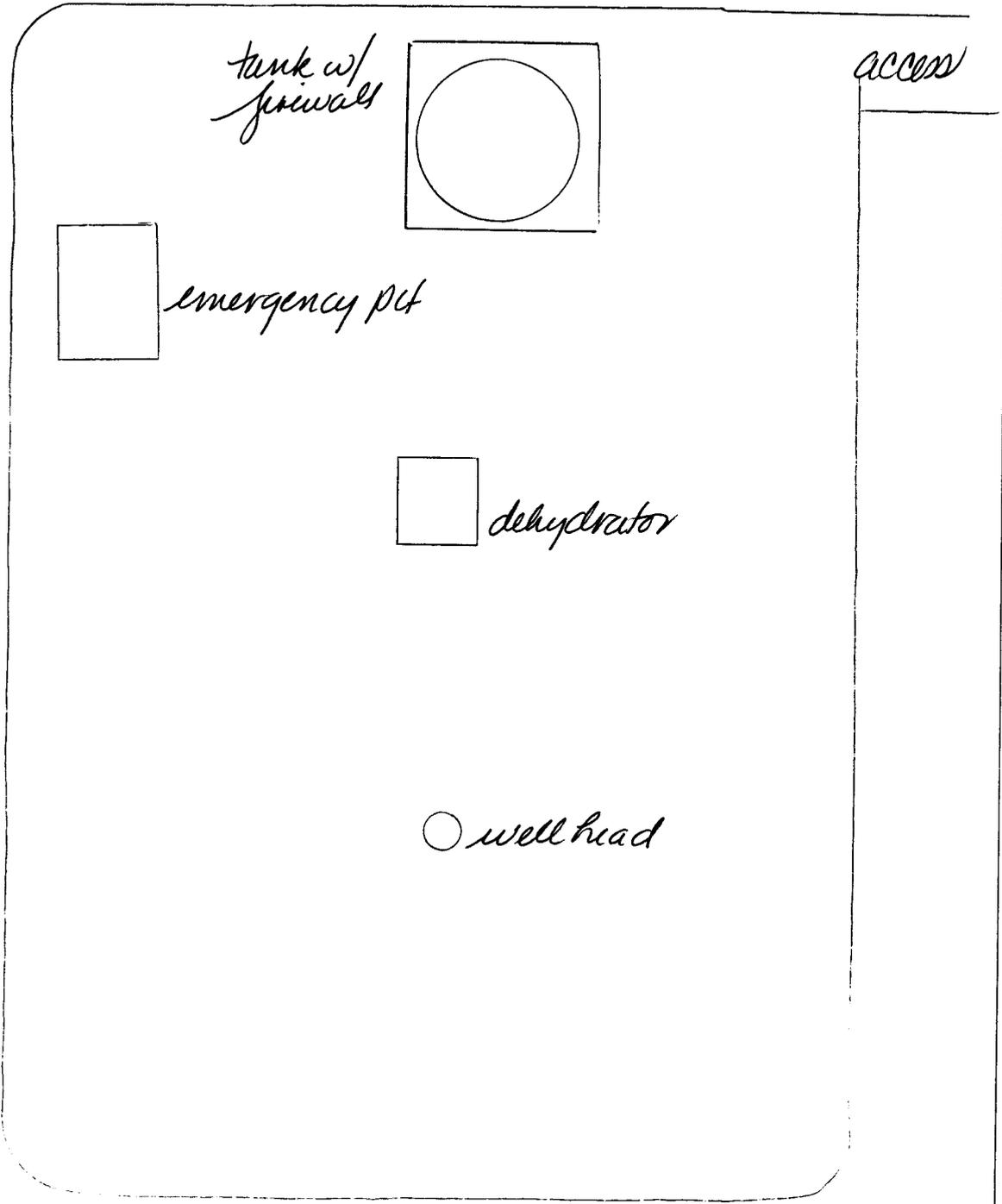
AMENDED REPORT  (Highlight Changes)

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		ML-807			
✓	CLAY BASIN UNIT #61							
4300930060	01025 03N 24E 20		FRTR					
✓	CLAY BASIN UNIT #62							
4300930061	01025 03N 24E 21		FRTR					
	CARTER-LEVERTON STATE 1							
4303710529	01031 33S 26E 32		ISMY					
	PIUTE KNOLL #1							
4303730097	01032 33S 25E 26		ISMY					
<b>TOTALS</b>								

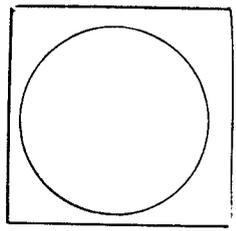
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_



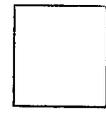
tank w/  
firewall



access



emergency pit



dehydrator

○ well head

# OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-IEC
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**

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

**BOND VERIFICATION - (FEE WELLS ONLY)**

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

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

**FILMING**

1. All attachments to this form have been microfilmed. Today's date:    .

**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  
OMB No. 1004-0135  
Expires: Nov. 30, 2000

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

5. Lease Serial No.  
SL-045053-B

6. If Indian, Allottee or Tribe Name  
NA

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

8. Well Name and No.  
CLAY BASIN UNIT NO. 23

9. APT Well No.  
43-009-30009

10. Field and Pool, or Exploratory Area  
CLAY BASIN

11. County or Parish, State  
DAGGETT COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
WEXPRO COMPANY

3a. Address  
P. O. BOX 458, ROCK SPRINGS, WYOMING 82902

3b. Phone No. (include area code)  
307-382-9791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SE NW 26-3N-24E, SLBM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Install Blowdown Line

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

Wexpro Company requests approval to install a 2-inch buried steel blowdown line on the above well. The well is currently being unloaded by blowing directly out the top of the wellhead. The installation of the blowdown line will enable fluids to be blown into the production pit where they will be contained and can be recovered.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 7/03/01  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 7-10-01  
Initials: CHD

Federal Approval Of This  
Action Is Necessary

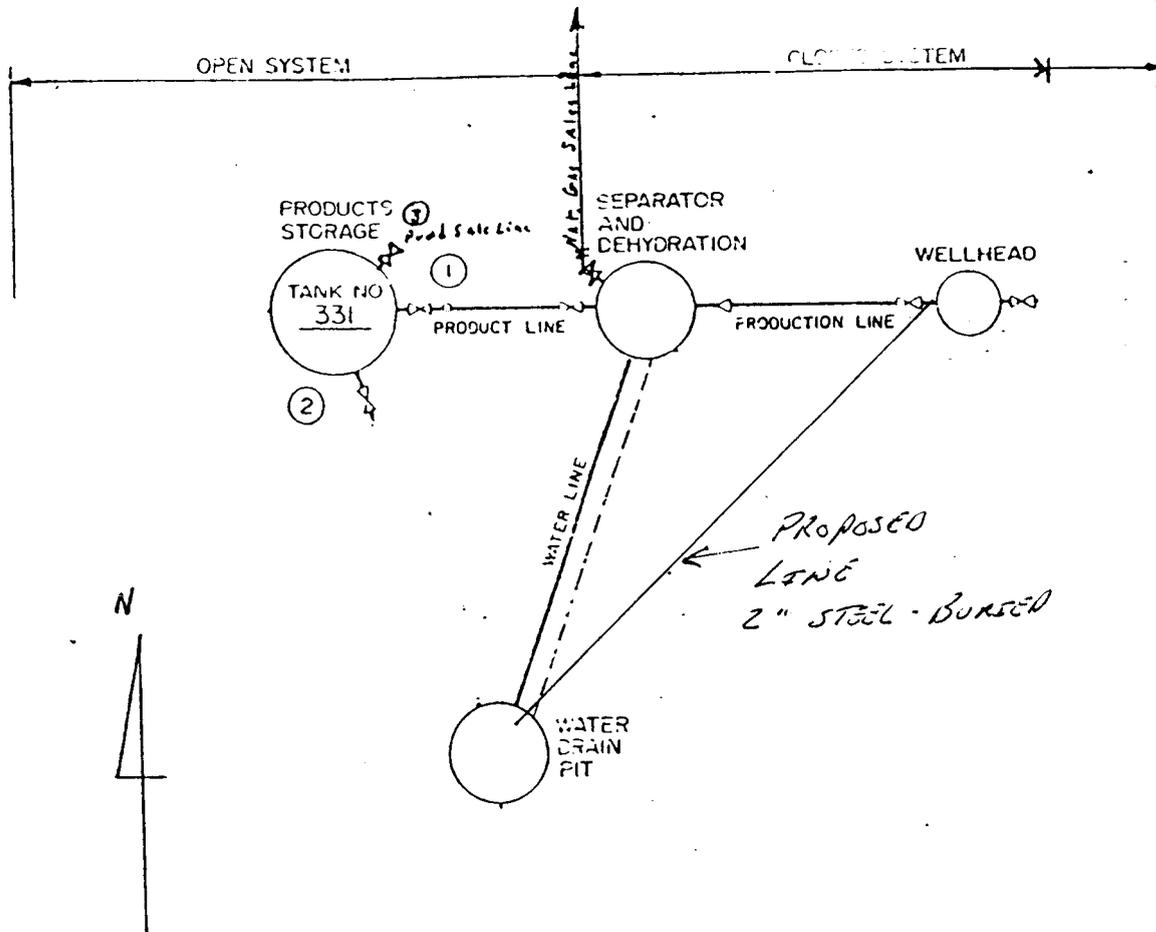
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) G. T. NIMMO	Title OPERATIONS MANAGER
Signature <u>[Signature]</u>	Date JUNE 25, 2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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



**LEGEND**

- |—|— GAS METER
- ◁— CHOKE
- X— VALVE
- SEAL
- INTERMITTENT WATER VAPOR LINE

VALVE NO.	PROD.	SALES	VALVE NO.	PROD.	SALES
1	Open	Closed			
2	Closed	Closed			
3	Closed	Open			

OPERATOR: Wexpro Company
LEASE NO.: SL 045053-B TYPE: Federal
NAME: Clay Basin No. 23
SEC. SE NW 26 T 3 North R. 24 East
COUNTY: Daggett
STATE: Utah
INITIAL PRODUCTION:

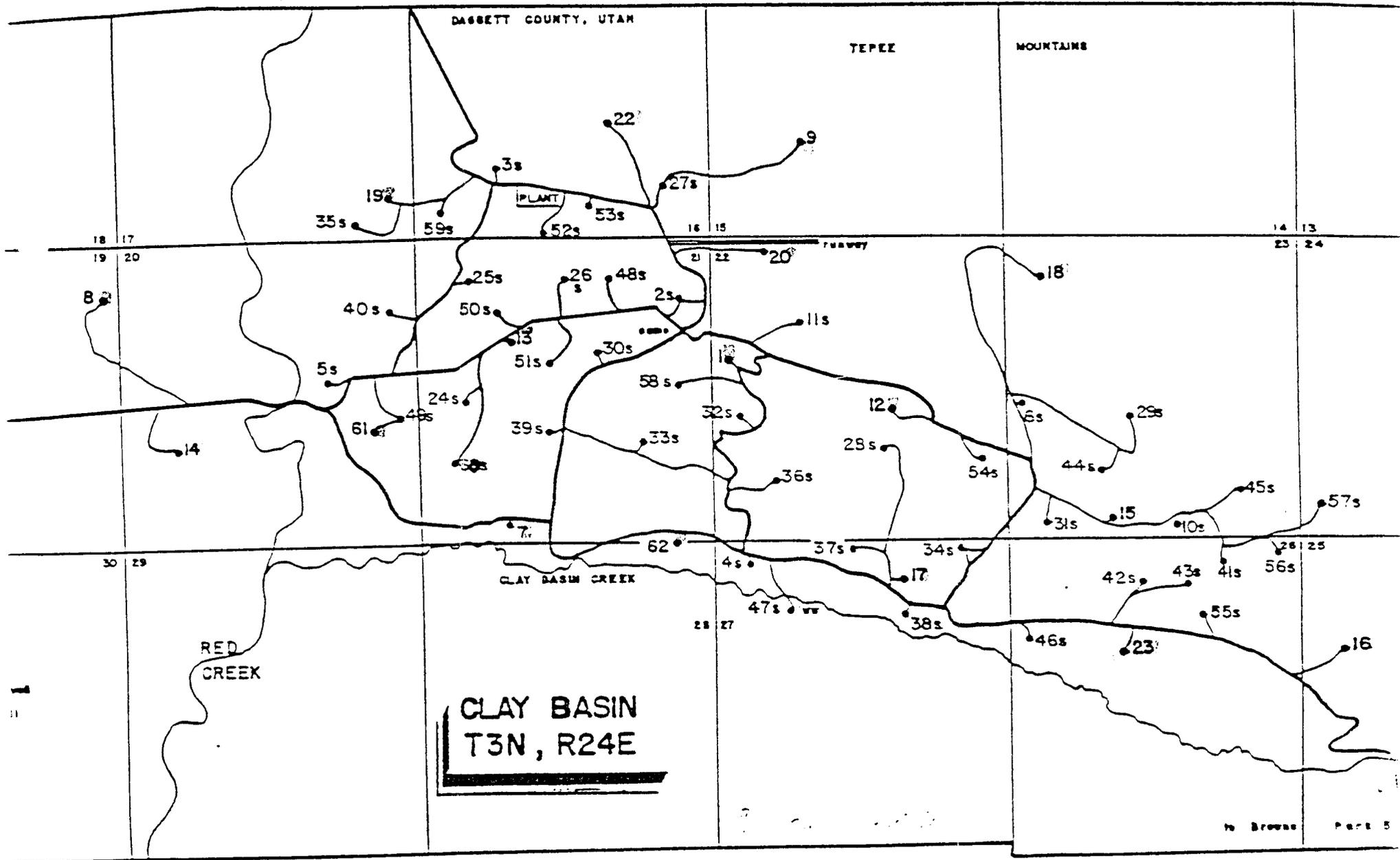
<b>SITE SECURITY DIAGRAM</b>	
<b>CLAY BASIN NO. 23</b>	
DRAWN: 11-16-84 R-C-P	SCALE: NONE
CHECKED: [Signature]	DRWG. NO.
APPROVED:	

SWEET WATER COUNTY, WYOMING

DASSETT COUNTY, UTAH

TEPEZ

MOUNTAINS



CLAY BASIN  
T3N, R24E

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.  
SEE ATTACHED SHEET

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION

CLAY BASIN  
UNIT AGREEMENT # 892000323B

8. WELL NAME AND NO.

SEE ATTACHED SHEET

9. API WELL NO.

SEE ATTACHED SHEET

10. FIELD AND POOL, OR EXPLORATORY AREA

CLAY BASIN

11. COUNTY OR PARISH, STATE

DAGGET COUNTY UTAH

SUBMIT IN TRIPLICATE

1. TYPE OF WELL

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

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

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

SEE ATTACHED SHEET

*Handwritten notes:*  
+ CHD  
~~2-11-02~~  
3-21-02  
Copy file  
well on  
back of Security

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other VARIANCE

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

Date:

By:

*Handwritten:* List of wells on back.

Federal Approval Of This  
Action Is Necessary

10-29-02  
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

<b>WELL NAME</b>	<b>API NUMBER</b>	<b>LEGAL DESCRIPTION</b>	<b>COUNTY, STATE</b>	<b>UNIT CA PA NUMBER</b>	<b>LEASE NUMBER</b>
<b>CLAY BASIN FIELD UNIT</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	4300915638	NW SW 20-3N-24E	DAGGETT, UT		SL-062508
UNIT NO. 15	4300915639	SE SW 23-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 16	4300930003	SW NW 25-3N-24E	DAGGETT, UT		SL-045049
UNIT NO. 17	4300930004	NW NE 27-3N-24E	DAGGETT, UT		SL-045053-a
UNIT NO. 18	4300930006	NW NW 23-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 19	4300930008	SE SE 17-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 20	4300930007	NW NW 22-3N-24E	DAGGETT, UT		SL-045051-a
UNIT NO. 22	4300930001	NW SE 16-3N-24E	DAGGETT, UT		ML-807
UNIT NO. 23	4300930009	SE NW 26-3N-24E	DAGGETT, UT		SL-045053-b
UNIT NO. 61	4300930060	NE SE 20-3N-24E	DAGGETT, UT		SL-045051-b
UNIT NO. 62	4300930061	SE SE 21-3N-24E	DAGGETT, UT		SL-045051-b

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Wexpro Company**

3a. Address  
 P.O. Box 458  
 Rock Springs, WY 82902

3b. Phone No. (include area code)  
 307.382.9791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)    Lat.    40.97001  
 1950' FNL 1988' FWL SE NW 26-3N-24E    Long.    -109.17548

5. Lease Serial No.  
 SL-045053-b

6. If Indian, Allottee, or Tribe Name  
 N/A

7. If Unit or C.A. Agreement Name and/or No.  
 Clay Basin Unit

8. Well Name and No.  
 Clay Basin Unit                      23

9. API Well No.  
 43-3009-30009

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 recomple horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

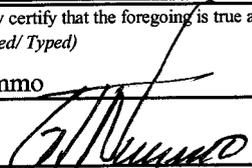
The above well resumed production on December 6, 2007 after being off more than 90 days.

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

Name (Printed/ Typed)

G.T. Nimmo

Signature



Title

Operations Manager

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 14 2007

DIV. OF OIL, GAS & MINING

**Federal Approval of this  
Action is Necessary**

API Well No: 43009300090000

<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-045053B</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 23</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1950 FNL 1988 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 26 Township: 03.0N Range: 24.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43009300090000</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

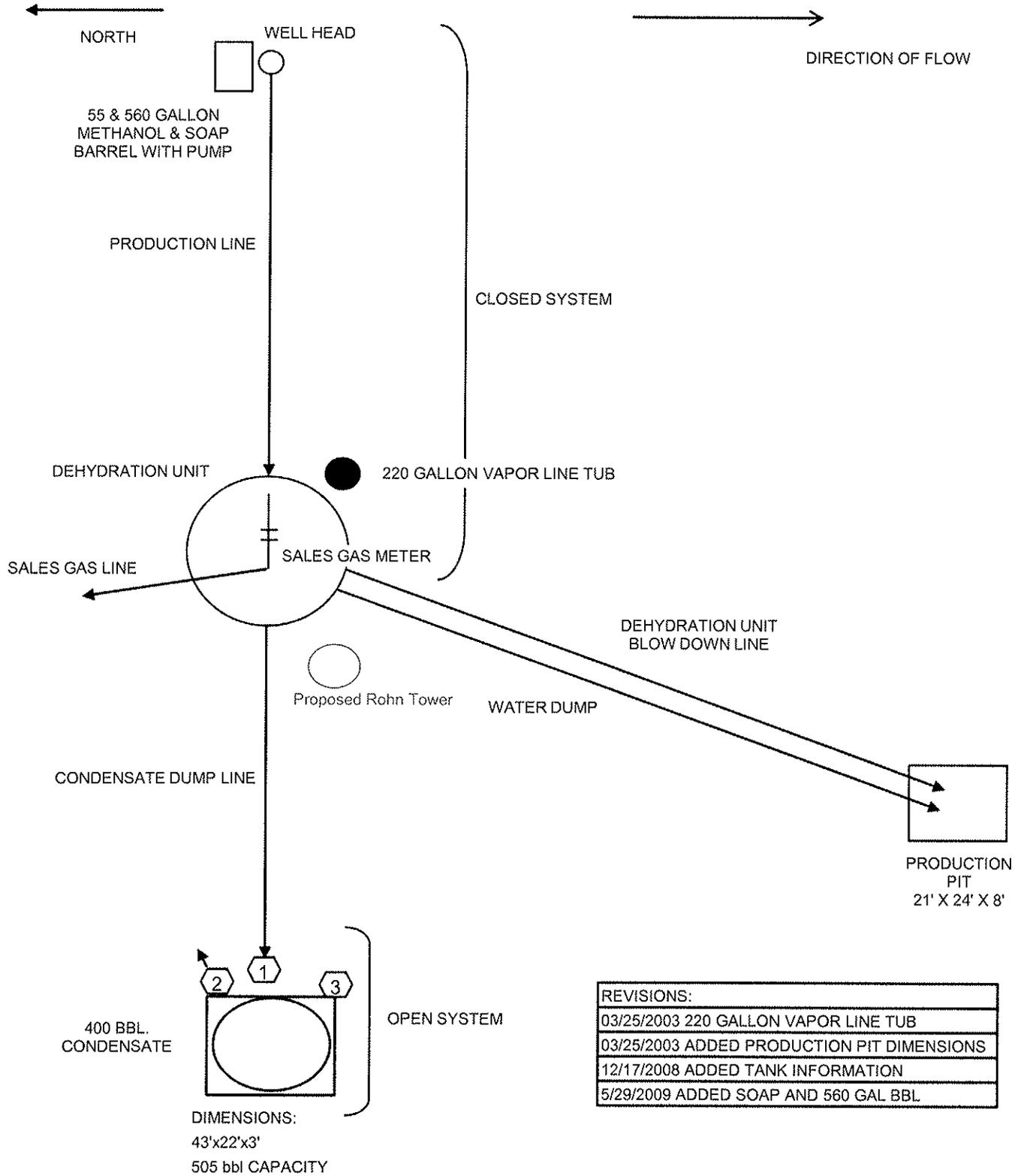
**RECEIVED** November 02, 2009

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

CLAY BASIN UNIT WELL 23  
 SENW 26-3N-24E  
 LEASE NO. SL-045053-b  
 UNIT NO. 892000323B  
 DAGGET COUNTY, UTAH

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

VALVE LEGEND	
TANK # 331	
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 220 GALLON VAPOR LINE TUB
03/25/2003 ADDED PRODUCTION PIT DIMENSIONS
12/17/2008 ADDED TANK INFORMATION
5/29/2009 ADDED SOAP AND 560 GAL BBL.

# 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:

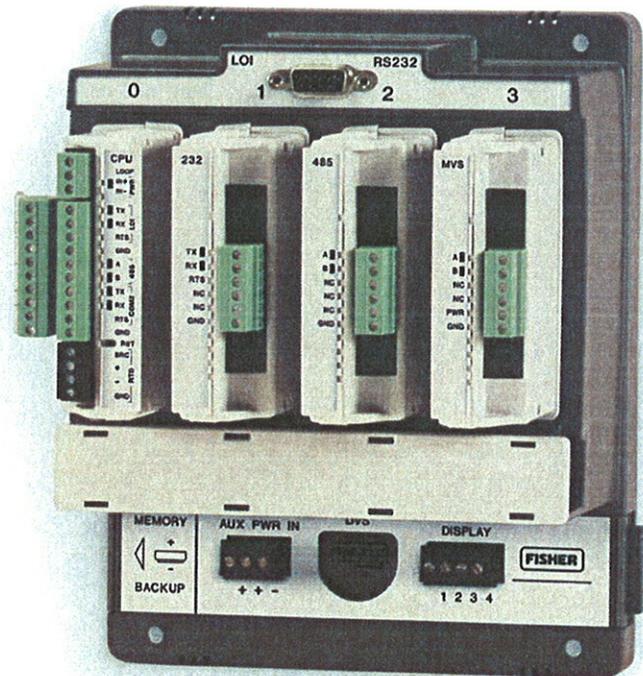
- Custody Transfer
- Wellhead Measurement and Control
- Well Injection Pressure
- Compressor Fuel Gas
- Industrial Gas Usage
- Commercial Gas Usage

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).

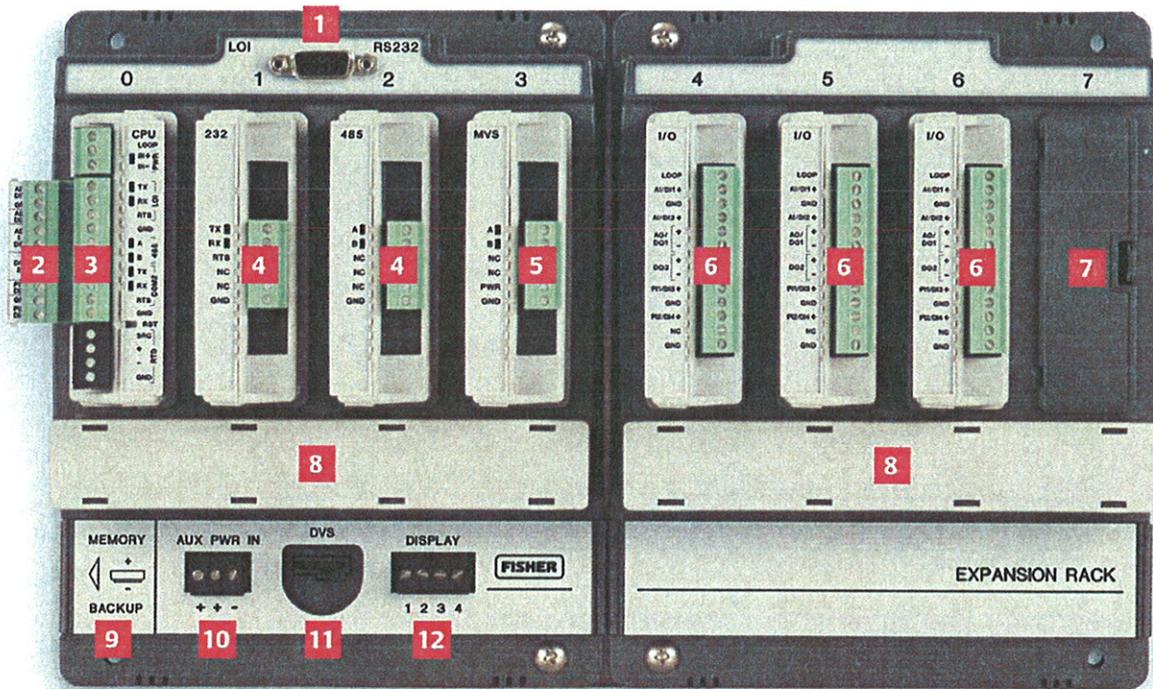
#### Remote Automation Solutions

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/DO, 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

# MVS205 Multi-Variable Sensor

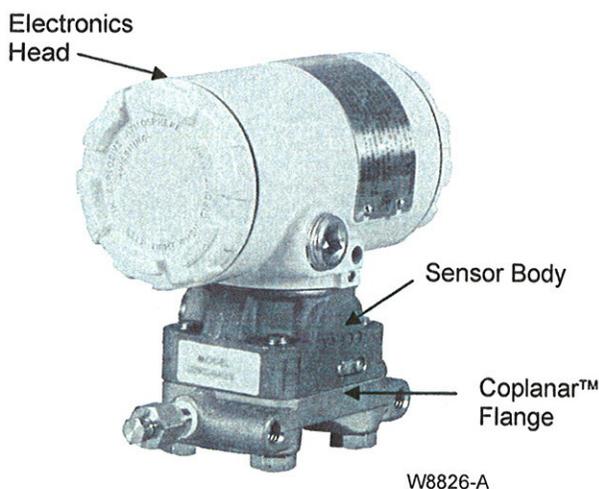
The MVS205 Multi-Variable Sensor (version 1.12 or greater) provides static pressure, differential pressure, and process temperature inputs directly to a ROC 300/800 Series Remote Operations Controller or FloBoss™ 407/500 Series Flow Manager. The inputs from an MVS sensor are used in performing differential 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.

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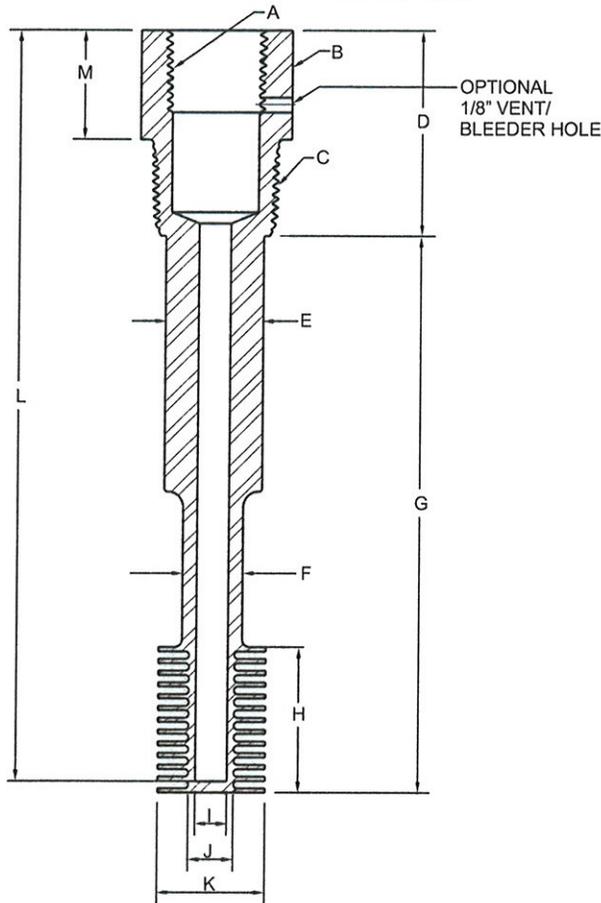
**Emerson Process Management**  
**Flow Computer Division**  
Marshalltown, IA 50158 U.S.A.  
Houston, TX 77041 U.S.A.  
Pickering, North Yorkshire UK Y018 7JA

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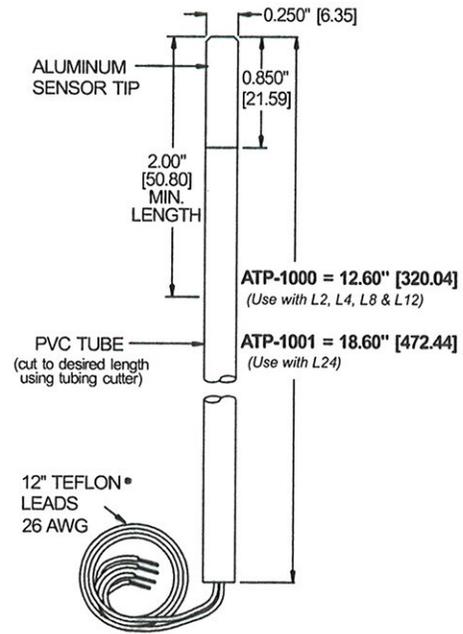


# Thermosync Specifications

## 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

RECEIVED November 02, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-045053B	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>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 23	
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY		<b>9. API NUMBER:</b> 43009300090000	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902	<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> 1950 FNL 1988 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 26 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/17/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>The above well Resumed Production on October 17, 2012 at 11:00 AM, after being off for more than 90 days.</p>			
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 23, 2012</b></p>			
<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	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: SL-045053B
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: CLAY BASIN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CLAY BASIN UNIT 23
2. NAME OF OPERATOR: WEXPRO COMPANY	9. API NUMBER: 43009300090000
3. ADDRESS OF OPERATOR: P.O. Box 458 , Rock Springs, WY, 82902	PHONE NUMBER: 307 922-5612 Ext
9. FIELD and POOL or WILDCAT: CLAY BASIN	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1950 FNL 1988 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 26 Township: 03.0N Range: 24.0E Meridian: S	COUNTY: DAGGETT  STATE: UTAH

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-045053B
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>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 23
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY		<b>9. API NUMBER:</b> 43009300090000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902	<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> 1950 FNL 1988 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 26 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		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/23/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
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.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 30, 2013</b>		
<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>1. TYPE OF WELL</b> Gas Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-045053B
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 458 , Rock Springs, WY, 82902	<b>7. UNIT or CA AGREEMENT NAME:</b> CLAY BASIN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1950 FNL 1988 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 26 Township: 03.0N Range: 24.0E Meridian: S	<b>8. WELL NAME and NUMBER:</b> CLAY BASIN UNIT 23
<b>PHONE NUMBER:</b> 307 922-5612 Ext	<b>9. API NUMBER:</b> 43009300090000
<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 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>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> SL-045053B
<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 23
<b>2. NAME OF OPERATOR:</b> WEXPRO COMPANY	<b>9. API NUMBER:</b> 43009300090000
<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> 1950 FNL 1988 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 26 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 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	