6 - Shut in gas storage
5-13-76

43-043-30020

Well spudded
2-23-76

[illegible]ered in NID File .....
[illegible]tion Map Pinned .....
[illegible]d Indexed .....

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

COMPLETION DATA:

[illegible]te Well Completed 5-13-76 .....

Location Inspected .....

..... WW..... TA.....
GW..... OS..... PA.....

Bond released
State or Fee Land ....

LOGS FILED

Driller's Log.....
Electric Logs (No.) .....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Fee

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Farm or Lease Name: Coalville

9. Well No.: 6

10. Field and Pool, or Wildcat: Coalville

11. Sec., T., R., M., or Blk. and Survey or Area: SW NW 10-2N-5E

12. County or Parrish: Summit

13. State: Utah

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [ ] Gas Well [ ] Other Gas Storage 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: 1486' FNL, 574' FWL SW NW
At proposed prod. zone:

14. Distance in miles and direction from nearest town or post office*: 1 mile east of Coalville, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 50' / -

16. No. of acres in lease: 86.3

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.: 1870' Coalville 7

19. Proposed depth: 2550'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): GR 5724' graded

22. Approx. date work will start*: Feb. 15, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2	13-3/8	54.5	90'	120
12-1/4	9-5/8	36	700	381
8-3/4	7	20 & 23	to be determined	

We would like to drill the subject well to an estimated depth of 2425', anticipated formation tops are as follows: Frontier at the surface and Longwall SS (L-2) at 2330'.

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

RECEIVED
JAN 16 1976
DIVISION OF OIL, GAS, & MINING

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 R. D. Myers Title General Manager, Gas Supply Operations Date Jan. 15, 1976

(This space for Federal or State office use)

Permit No. 43-043-30020 Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

Well Name Coalville Well No. 6 Location SW NW 10-2N-5E

Summit County, Utah

Wellhead Equipment	Size	Pressure Rating	Pressure Test
Surface Casing Flange	10"	3,000	6,000
Casing Spool			
Tubing Spool	10" x 6"	3,000	6,000
Tubing Bonnet	6" x 3"	3,000	6,000

Blow Out Preventers (Top to Bottom)	Size	PSI Rating	PSI Test	Bag	Rams
	10"	3,000	6,000	X	
	10"	3,000	6,000		4-1/2
	10"	3,000	6,000		Blind

Gas Buster: ___ Yes / X No

Degasser: ___ Yes / X No

Kill or Control Manifold

2" Size | 3,000 Pressure Rating | 6,000 Pressure Rating Test | No Hydraulic Valves

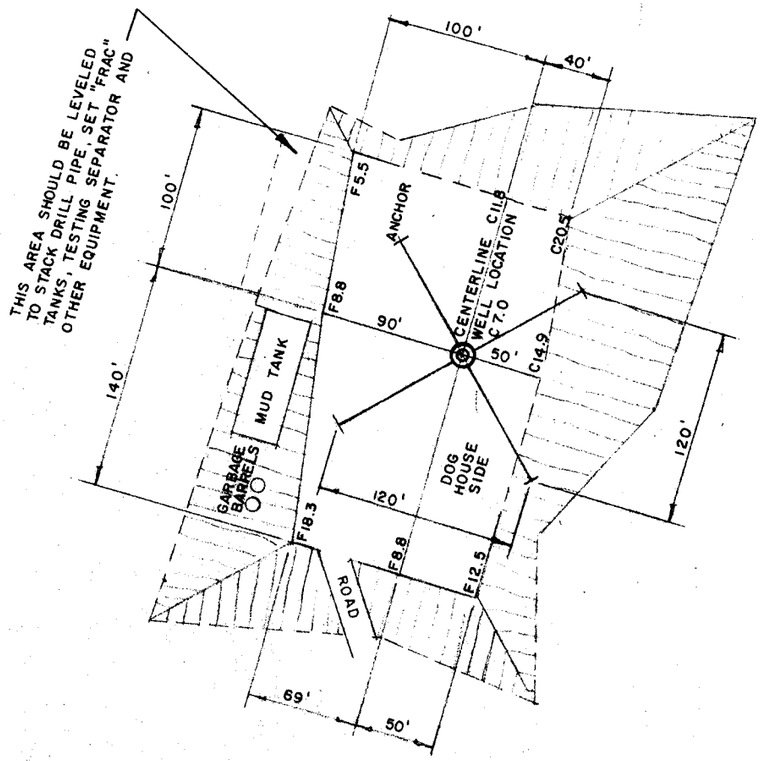
Auxiliary Equipment — Kelly Cock: x Yes / ___ No

Monitoring Equipment on Mud System: ___ Yes / X No

Full Opening Drill Pipe Stabbing Valve on Floor: X Yes / ___ No

Type of Drilling Fluid: X Water Base Mud | ___ Air | ___ Gas | ___ Oil Base Mud

Anticipated Bottom Hole Pressure: 1200 PSI

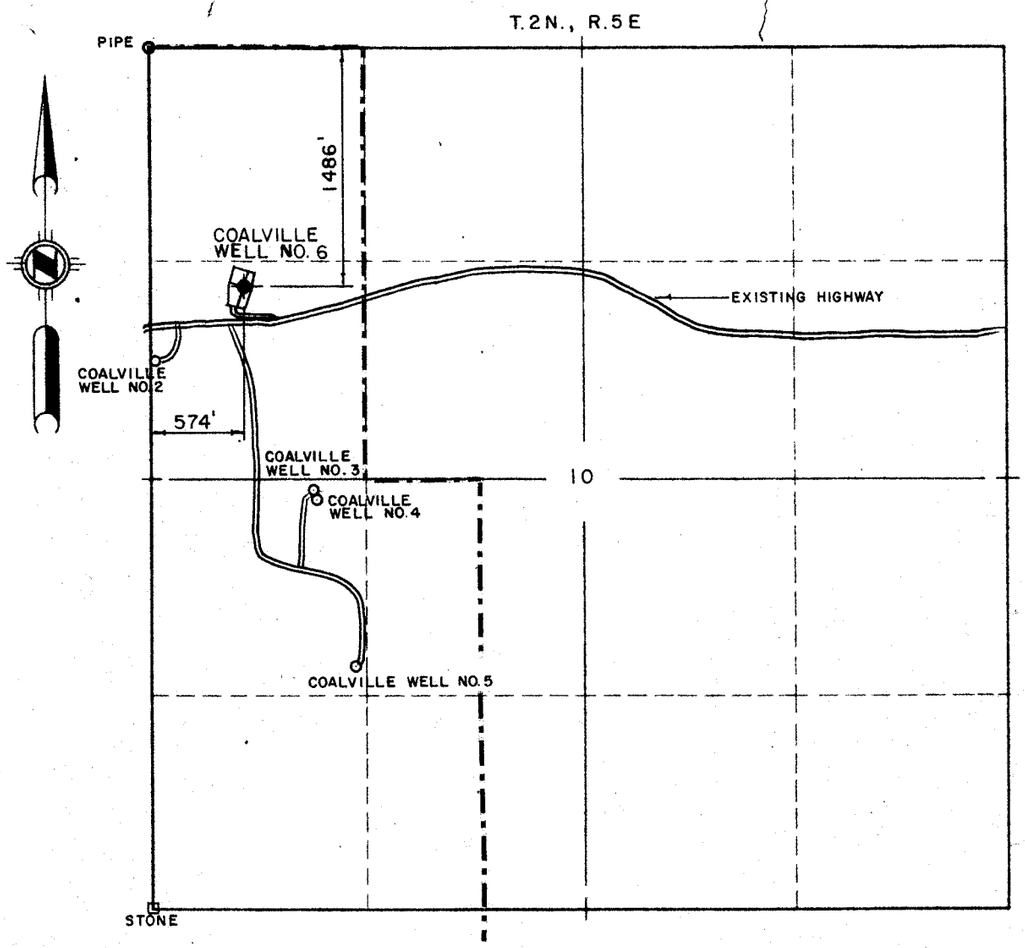


- ENLARGED WELL SITE PLAN -

SCALE: 1"=100'

NOTE:

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



- LOCATION PLAN -

SCALE: 1"=1000'

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

Engineer

Utah Land Surveyor Registration Nº 3521

DRILLING W.O.

GAS STORAGE BOUNDARY

LEGEND
⊕ ℄ WELL
⊕ STONE CORNER
⊕ PIPE CORNER

ENGINEERING RECORD		
SURVEYED BY	R.W. Headd 2-26-75	
REFERENCES	G.L.O. PLAT [X]	U.S.G.S. QUAD. MAP [ ]
LOCATION DATA		
FIELD	Coalville Gas Storage	
LOCATION:	SW NW Section 10, T. 2 N., R. 5 E. 1486' FNL 574' FWL	
	Summit County, Utah	
WELL ELEVATION: 5724' (As Graded) Elevation by Spirit Levels From Company Bench Mark.		

REVISIONS			
NO.	DESCRIPTION	DATE	BY

MOUNTAIN FUEL
SUPPLY COMPANY
ROCK SPRINGS, WYOMING

CERTIFIED WELL LOCATION
AND
WELL SITE PLAN
COALVILLE WELL NO. 6

DRAWN: 2/27/75 FJC	SCALE: AS NOTED
CHECKED: Rwm	DRWG. NO. M-11812
APPROVED:	

FILE NO. A-11 SHEET OF

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Jan. 16 —

Operator: Mountain Fuel

Well No: Cadillac #6

Location: Sec. 10 T. 2N R. 5E County: Summit

File Prepared [✓] Entered on N.I.D. [✓]

Card Indexed [✓] Completion Sheet [✓]

Checked By:

Administrative Assistant: JW

Remarks:

Petroleum Engineer/Mined Land Coordinator: ok PW

Remarks:

Director: [✓]

Remarks:

Include Within Approval Letter:

Bond Required [ ] Survey Plat Required [ ]

Order No. 148-1 [✓] Blowout Prevention Equipment [ ]

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

O.K. Rule C-3 [ ] O.K. In _____ Unit [✓]

Other: [ ] Cadillac Gas Storage

[✓] Letter Written

January 19, 1976

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

Re: Well No's:
Coalville #6,
Sec. 10, T. 2 N, R. 7 E,
Coalville #7,
Sec. 10, T. 2 N, R. 7 E,
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 148-1.

Should you determine that it will be necessary to plug and abandon these wells, please notify the following immediately:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-043-30020; (#6), and 43-043-30021 (#7).

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

Coalville
Gas Storage
Project

PRESENT Status of Well
Coalville Well No 6
SW NW 10-2N-SE
SUMMIT COUNTY, UTAH

4-6-76 JJS

13 3/8" O.D Surface Csg

	net
1 - 12" - 3000 Nat'l csg flange	2.50
3 - Jts 13 3/8" 54.5 # 8rd ST+C	120.50
1 - 13 3/8" Baker guide shoe	1.30
	124.30

Landed csg @ 135.30 ft KBM or 11.00 ft below KB The 12" - 3000 psi flange is at ground level. Cm't csg with 220 sx regular 6 cm't. Cm't returns to surface

9 5/8" O.D. Intermediate Csg

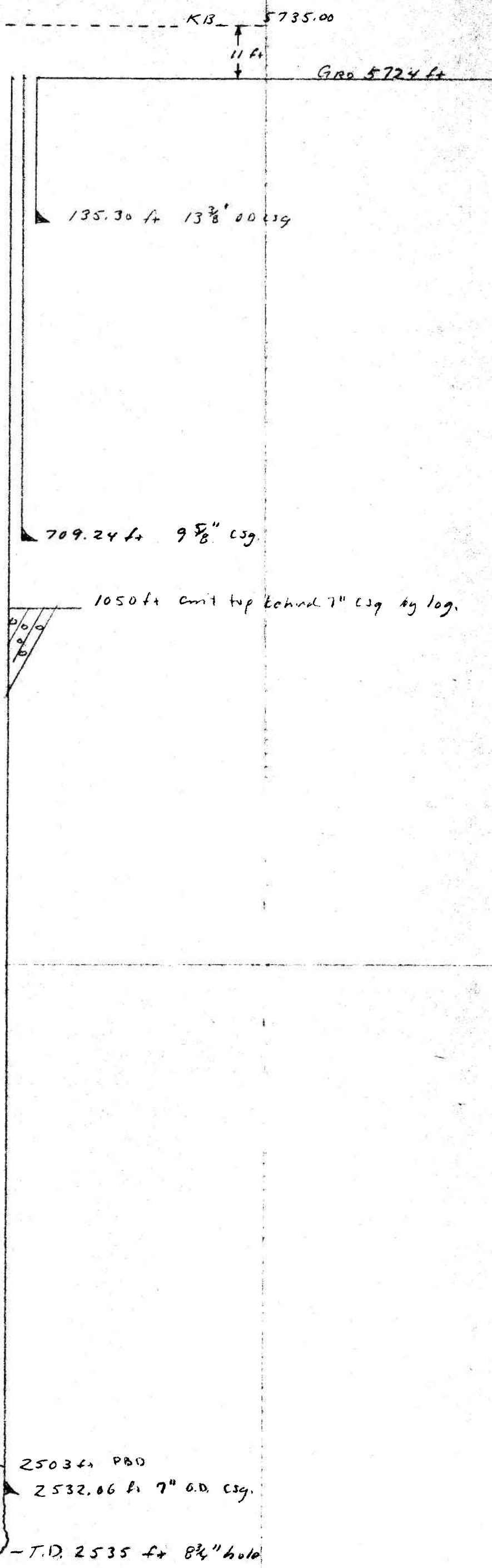
	net
1 - Nat'l 10" - 3000 csg flange	1.60
8 Jts 9 5/8" 36# K-55 8rd ST+C	302.65
10 Jts 9 5/8" 36# K-55 8rd LT+C	392.79
1 9 5/8" Baker guide shoe	1.20
	698.24

Landed csg @ 709.24 ft KBM or 11.00 ft below KB. Cm't with 381 sx regular cm't. Cm't returns to surface

7" O.D. Production Csg

	net
1 pc 7" K-55 8rd LT+C 23#	17.93
66 Jts 7" 23# K-55 8rd LT+C	2197.23
9 Jts 7" 23# K-55 8rd LT+C (ruff coated)	276.59
1 Baker 7" flexite float collar	1.79
1 Jt 7" 23# K-55 8rd LT+C (ruff coated)	26.50
1 - Baker 7' guide shoe	1.62
	2521.06

Landed csg @ 2532.06 ft KBM or 11.00 ft below KB. in a 10" - 3000 csg flange. Cm't csg w/ 320 sx (50-50) posmix and 110 sx regular cm't.



From: Pat Brotherton

Rock Springs, Wyoming

To: T. M. Colson

February 23, 1976

Revised Tentative Plan to Drill
Coalville Well No. 6
Summit County, Utah

This well will be drilled to total depth by Chandler + Associates Drilling Company. One work order has been originated for the drilling and completion of the well, namely 22364, Drill Coalville Well No. 6, located in the SW NW Sec. 10, T. 2 N., R. 5 E., Summit County, Utah. An 8-3/4-inch hole will be drilled to a depth of 2550 feet and 7-inch O.D. casing run. Surface elevation is at 5724 feet.

1. Drill 17-1/2-inch hole to approximately 100 feet KBM.

2. Run and cement approximately 90 feet of 13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing. The casing will be cemented with 120 sacks of regular Type "G" cement which represents theoretical requirements plus 100 percent excess cement for 13-3/8-inch O.D. casing in 17-1/2-inch hole with cement returned to surface. Cement will be treated with 564 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 conductor pipe should be landed in such a manner that the top of the 12-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 80 barrels of mud. Capacity of the 13-3/8-inch O.D., 48-pound casing is 58 barrels.

3. After a WOC time of 6 hours, remove the landing joint and wash off casing collar. Install a 12-inch 3000 psi companion flange tapped for 13-3/8-inch O.D., 8 round thread casing. Install adequate preventers and finish nippling

up. Pressure test casing and all rams to 1000 psi for 15 minutes. The internal pressure rating for 13-3/8-inch O.D., 48-pound, H-40 casing is 1730 psi.

4. Drill a 12-1/4-inch hole to a depth of 700 feet. Note: Slightly over-pressured salt water sands may be expected between 300 and 1000 feet. The surface hole should be drilled with 11.5 ppg mud with lost circulation material to prevent water flows. The drilling contractor will catch 10 foot samples from bottom of conductor casing to total depth.

5. Remove preventer and 12-inch 3000 psi conductor casing flange. Run and cement approximately 700 feet of 9-5/8-inch O.D., 36-pound, K-55, 8 round thread, ST&C casing. The casing will be cemented with 381 sacks of regular Type "G" cement which represents theoretical requirements plus 100 percent excess cement for 9-5/8-inch O.D. casing in 12-1/4-inch hole with cement returned to surface. Cement will be treated with 5 percent D43A and 1/4-pound flocele per sack of cement. 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 75 barrels of mud. Capacity of the 9-5/8-inch O.D., 36-pound casing is 55 barrels.

6. After a WOC time of 6 hours, remove the landing joint. Cut off the 13-3/8-inch O.D. casing so the 10-inch 3000 psi surface casing flange can be installed. Wash off 9-5/8-inch collar. Install a NSCo. Type "B" 10-inch 3000 psi regular duty

casing flange tapped for 9-5/8-inch O.D., 8 round thread casing. Install a 2-inch extra heavy nipple, 6-inches long, and a WKM Figure B138 (2000 psi WOG, 4000 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 nippling 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., 36-pound, K-55, 8 round thread, ST&C casing is 3520 psi.

7. Drill 8-3/4-inch hole to the total depth of 2550 feet or to such depth as the Geological Department may recommend. A Company Geologist will be on location to check cutting samples. 10 foot samples will be checked from bottom of conductor casing to total depth. A mud logging unit will be on location to catch and run samples and record and correlate drilling time. One 650 foot core will be cut from 1500 feet to approximately 2150 feet KBM to insure coring of the storage cap rock. An open hole gamma ray-neutron correlation log should be run at 1500 feet. Portions of this core are to be sent to the Core Laboratory to run threshold pressure tests on suspected cap rock. Mud weight will be increased to 11.0 ppg at 1950 feet. The mud will exert a hydrostatic pressure of 1159 psi at 2030 feet. The bottom hole pressure in Coalville Well No. 4 at 1834 feet should be approximately 1130 psi with a surface pressure of 1075 psi. Two drill stem tests are anticipated starting at approximately 2030 feet. However, all shows found by the mud logger are to be tested. Anticipated tops are as follows:

	Approximate Depth (Feet KBM)
Frontier	Surface
Longwall SS (L-2)	2,330
Total Depth	2,550

8. Run dual induction, sonic, caliper, density, and dipmeter logs over zones of interest from conductor casing to total depth.
9. Run an 8-3/4-inch bit and condition hole prior to running 7-inch O.D. casing. Pull and lay down drill pipe and drill collars. Install 7-inch rams in preventer.
10. Run 7-inch O.D. casing as outlined in Item I, General Information, to a depth of 2550 feet. A Baker Type G float collar and guide shoe will be used as floating equipment. Cement casing with regular densified cement from 2550 feet to 2200 feet and 50-50 Pozmix cement treated with 2% calcium chloride from 2200 feet to 1600 feet. Precede cement with 500 gallons mud flush. Circulate 150 barrels drilling mud prior to beginning cementing operations. Capacity of the 7-inch O.D. casing is 100 barrels. Cement requirements will be based on actual hole size as determined by the caliper log. Rotate casing while circulating, mixing, and displacing cement. Displace cement with water. Bump plug with 2000 psi and hold for 15 minutes to pressure test casing. The minimum internal pressure for 7-inch O.D., 20-pound, K-55 casing is 3740 psi.
11. Immediately after cementing operations are completed, land the 7-inch O.D. casing with full weight of casing on slips and record indicator weight. Install a NSCo. 10-inch 3000 psi by 6-inch 3000 psi Type "B" tubing spool with WKM 2-inch 3000 psi wing valves. Pressure test seal assembly to 1500 psi for 5 minutes. The minimum collapse pressure for 7-inch O.D., 20-pound, K-55 casing is 2270 psi.
12. Release drilling rig.
13. Install deadmen anchors. Move in and rig up a contract workover rig.
14. Install a 6-inch 5000 psi double gate preventer with blind rams on bottom and 3-1/2-inch tubing rams on top. After a WOC time of 72 hours, run a Baker

roto-vert casing scraper dressed for 7-inch O.D., 20 and 23-pound casing on 3-1/2-inch O.D., 9.2-pound, J-55 seal lock tubing. Check plug back depth. Pull and lay down casing scraper.

15. Run a Dresser Atlas cement bong log and calibrated gamma ray neutron collar log from plug back depth to surface.

16. After the above items have been evaluated, a tentative plan to complete the well will be finalized.

GENERAL INFORMATION

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

Description	Approximate Gross Measurement (feet)	Availability
	Conductor Pipe	
13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing	120	Warehouse stock
	Surface Casing	
9-5/8-inch O.D., 36-pound, K-55, 8 round thread, ST&C casing	730	Warehouse stock
1 jt. 9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing with Baker guide shoe	30	Warehouse stock
	760	
	Production Casing	
7-inch O.D., 20-pound, K-55, 8 round thread, ST&C casing	880	Warehouse stock
7-inch O.D., 23-pound, K-55, 8 round thread, ST&C casing	730	Warehouse stock
7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing *	1,100	Warehouse stock
Total	2,710	
	Production Tubing	
3-1/2-inch O.D., 9.2-pound, J-55, seal lock tubing	2,700	Warehouse stock

* 300 feet will be sand blasted and Ruff Cote applied in the Rock Springs' yard.

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

III. Extreme safety precautions should be taken because of the proximity of inhabited dwellings.

From: Pat Brotherton

To: T. M. Colson

Rock Springs, Wyoming

January 22, 1976

Tentative Plan to Drill
Coalville Well No. 6
Summit County, Utah

This well will be drilled to total depth by _____ Drilling Company. One work order has been originated for the drilling and completion of the well, namely 22364, Drill Coalville Well No. 6, located in the SW NW Sec. 10, T. 2 N., R. 5 E., Summit County, Utah. An 8-3/4-inch hole will be drilled to a depth of 2550 feet and 7-inch O.D. casing run. Surface elevation is at 5724 feet.

1. Drill 17-1/2-inch hole to approximately 100 feet KBM.

2. Run and cement approximately 90 feet of 13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing. The casing will be cemented with 120 sacks of regular Type "G" cement which represents theoretical requirements plus 100 percent excess cement for 13-3/8-inch O.D. casing in 17-1/2-inch hole with cement returned to surface. Cement will be treated with 564 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 conductor pipe should be landed in such a manner that the top of the 12-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 80 barrels of mud. Capacity of the 13-3/8-inch O.D., 48-pound casing is 58 barrels.

3. After a WOC time of 6 hours, remove the landing joint and wash off casing collar. Install a 12-inch 3000 psi companion flange tapped for 13-3/8-inch O.D., 8 round thread casing. Install adequate preventers and finish nippling

up. Pressure test casing and all rams to 1000 psi for 15 minutes. The internal pressure rating for 13-3/8-inch O.D., 48-pound, H-40 casing is 1730 psi.

4. Drill a 12-1/4-inch hole to a depth of 700 feet. Note: Slightly over-pressured salt water sands may be expected between 300 and 1000 feet. The surface hole should be drilled with 11.5 ppg mud with lost circulation material to prevent water flows. The drilling contractor will catch 10 foot samples from bottom of conductor casing to total depth.

5. Remove preventer and 12-inch 3000 psi conductor casing flange. Run and cement approximately 700 feet of 9-5/8-inch O.D., 36-pound, K-55, 8 round thread, ST&C casing. The casing will be cemented with 381 sacks of regular Type "G" cement which represents theoretical requirements plus 100 percent excess cement for 9-5/8-inch O.D. casing in 12-1/4-inch hole with cement returned to surface. Cement will be treated with 5 percent D43A and 1/4-pound flocele per sack of cement. 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 75 barrels of mud. Capacity of the 9-5/8-inch O.D., 36-pound casing is 55 barrels.

6. After a WOC time of 6 hours, remove the landing joint. Cut off the 13-3/8-inch O.D. casing so the 10-inch 3000 psi surface casing flange can be installed. Wash off 9-5/8-inch collar. Install a NSCo. Type "B" 10-inch 3000 psi regular duty

casing flange tapped for 9-5/8-inch O.D., 8 round thread casing. Install a 2-inch extra heavy nipple, 6-inches long, and a WKM Figure B138 (2000 psi WOG, 4000 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 nippling 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., 36-pound, K-55, 8 round thread, ST&C casing is 3520 psi.

7. Drill 8-3/4-inch hole to the total depth of 2550 feet or to such depth as the Geological Department may recommend. A Company Geologist will be on location to check cutting samples. 10 foot samples will be checked from bottom of conductor casing to total depth. Mud weight will be increased to 12.0 ppg at 1950 feet. The mud will exert a hydrostatic pressure of 1264 psi at 2030 feet. The bottom hole pressure in Coalville Well No. 4 at 1834 feet should be approximately 1170 psi with a surface pressure of 1106 psi. Two drill stem tests are anticipated starting at approximately 2030 feet. Anticipated tops are as follows:

	Approximate Depth (Feet KBM)
Frontier	Surface
Longwall SS (L-2)	2,330
Total Depth	2,550

8. Run dual induction, sonic, caliper, density, and dipmeter logs over zones of interest from conductor casing to total depth.

9. Run an 8-3/4-inch bit and condition hole prior to running 7-inch O.D. casing. Pull and lay down drill pipe and drill collars. Install 7-inch rams in preventer.

10. Run 7-inch O.D. casing as outlined in Item I, General Information, to a depth of 2550 feet. A Baker Type G float collar and guide shoe will be used as floating equipment. Cement casing with regular densified cement from 2550 feet to 2200 feet and 50-50 Pozmix cement treated with 2% calcium chloride from 2200 feet to 1600 feet. Precede cement with 500 gallons mud flush. Circulate 150 barrels drilling mud prior to beginning cementing operations. Capacity of the 7-inch O.D. casing is 100 barrels. Cement requirements will be based on actual hole size as determined by the caliper log. Rotate casing while circulating, mixing, and displacing cement. Displace cement with water. Bump plug with 2000 psi and hold for 15 minutes to pressure test casing. The minimum internal pressure for 7-inch O.D., 20-pound, K-55 casing is 3740 psi.
11. Immediately after cementing operations are completed, land the 7-inch O.D. casing with full weight of casing on slips and record indicator weight. Install a NSCo. 10-inch 3000 psi by 6-inch 3000 psi Type "B" tubing spool with WKM 2-inch 3000 psi wing valves. Pressure test seal assembly to 1500 psi for 5 minutes. The minimum collapse pressure for 7-inch O.D., 20-pound, K-55 casing is 2270 psi.
12. Release drilling rig.
13. Install deadmen anchors. Move in and rig up a contract workover rig.
14. Install a 6-inch 5000 psi double gate preventer with blind rams on bottom and 3-1/2-inch tubing rams on top. After a WOC time of 72 hours, run a Baker roto-vert casing scraper dressed for 7-inch O.D., 20 and 23-pound casing on 3-1/2-inch O.D., 9.2-pound, J-55 seal lock tubing. Check plug back depth. Pull and lay down casing scraper.

15. Run a Dresser Atlas cement bond log and calibrated gamma ray neutron collar log from plug back depth to surface.

16. After the above items have been evaluated, a tentative plan to complete the well will be finalized.

GENERAL INFORMATION

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

Description	Approximate Gross Measurement (feet)	Availability
Conductor Pipe		
13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing	120	Warehouse stock
Surface Casing		
9-5/8-inch O.D., 36-pound, K-55, 8 round thread, ST&C casing	730	Warehouse stock
1 jt. 9-5/8-inch O.D., 32.3-pound, H-40, 8 round thread, ST&C casing with Baker guide shoe	30	Warehouse stock
Total	760	
Production Casing		
7-inch O.D., 20-pound, K-55, 8 round thread, ST&C casing	880	Warehouse stock
7-inch O.D., 23-pound, K-55, 8 round thread, ST&C casing	730	Warehouse stock
7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing *	1,100	Warehouse stock
Total	2,710	
Production Tubing		
3-1/2-inch O.D., 9.2-pound, J-55, seal lock tubing	2,700	Warehouse stock

* 300 feet will be sand blasted and Ruff Cote applied in the Rock Springs' yard.

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

INTEROFFICE COMMUNICATION

FROM T. M. Colson — Rock Springs, Wyoming (CITY)

TO R. G. Myers — DATE February 23, 1976

SUBJECT Revised Tentative Plan to Drill
Coalville Well No. 6
Summit County, Utah

Attached for your information and files is a revised tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated February 20, 1976.

TMC/gm
Attachment
cc: J. T. Simon
B. W. Croft
E. R. Keller (6)
A. J. Marushack
A. K. Zuehlsdorff
Geology (2)
R. P. Work
D. N. Rose
D. E. Dallas
A. J. Maser (3)
C. F. Rosene
T. S. Stevens
B. M. Steigleder
E. A. Farmer
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Gas Storage

2. NAME OF OPERATOR: Mountain Fuel Supply Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1486' FNL, 574' FWL SW NW

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Coalville

9. WELL NO.: 6

10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW NW 10-2N-5E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.: 43-043-30020

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5735' GR 5724'

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

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

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

Depth 1654', cutting core No. 5.

Spudded February 23, 1976.

Landed 124.30' net, 125.46' gross of 13-3/8"OD, 54.5#, 8rd thd, ST&C casing at 135.30' KBM and cemented with 220 sacks of cement, full returns throughout, returned 6 barrels cement to surface.

Landed 698.24' net, 704.56' gross of 9-5/8"OD, 36#, K-55, 8rd thd, ST&C and LT&C casing at 709.24' KBM and cemented with 381 sacks of cement, good returns throughout, returned 10 barrels to surface.

RECEIVED MAR 8 1976 DIV. OF GAS, & MINING

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

SIGNED R. G. Myers TITLE General Manager, Gas Supply Operations DATE March 3, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 be

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Gas Storage

2. NAME OF OPERATOR: Mountain Fuel Supply Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1486' FNL, 574' FWL SW NW

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Coalville

9. WELL NO.: 6

10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW NW 10-2N-5E

14. PERMIT NO.: 43-043-30020

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5735' GR 5724'

12. COUNTY OR PARISH: Summit

13. STATE: Utah

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

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

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

Depth 2010', repaired rig, cored, now preparing to make DST #1.

RECEIVED
MAR 15 1976
DIVISION OF OIL, GAS, & MINING

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

SIGNED R. G. Myers TITLE General Manager, Gas Supply Operations DATE March 10, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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.)

RECEIVED MAR 23 1976 DIVISION OF OIL, GAS & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER Gas Storage

2. NAME OF OPERATOR: Mountain Fuel Supply Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1486' FNL, 574' FWL SW NW

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Coalville

9. WELL NO.: 6

10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW NW 10-2N-5E

14. PERMIT NO.: API 43-043-30020

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5735' GR 5724'

12. COUNTY OR PARISH: Summit

13. STATE: Utah

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

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

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

TD 2535', rig released March 21, 1976.

Landed 2,521.06' net, 2,547.05' gross, of 7" OD, 23#, K-55, 8rd thd, LT&C casing at 2532.06' KBM and cemented with 430 sacks of cement.

DST #1: 1890-2010', Frontier, IO 1/2 hr, ISI 1 hr, FO 1 hr, FSI 6 hrs, opened with strong blow, reopened dead, no gas, recovered 1766' water cut mud, IHP 1152, IOFP's 0-884, ISIP 899, FOFP's 899-899, FSIP 899, FHP 1122.

DST #2: 2102-2211', mis-run, left plug out of circulating sub.

DST #3: 2118-2211', test observation zone, IO 1/2 hr, ISI 1 hr, FO 1 hr, FSI 5 hrs, opened with weak blow, dead in 16 minutes, reopened dead, no gas, recovered 15' mud, IHP 1158, IOFP's 58-58, ISIP 88, FOFP's 58-58, FSIP 95, FHP 1099.

DST #4: 2327-2360', Long Wall, IO 1/2 hr, ISI 1 hr, FO 1-1/2 hrs, FSI 5 hrs, opened with strong blow decreasing to weak, no gas, reopened with weak blow, gas in 40 minutes not enough to gauge, recovered 405' gas and water cut mud, and 180' mud cut water, IHP 1328, IOFP's 202-299, ISIP 947, FOFP's 327-345, FSIP 976, FHP 1317.

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

SIGNED R. L. Myers TITLE General Manager, Gas Supply Operations DATE March 22, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

INTEROFFICE COMMUNICATION

FROM T. M. Colson — Rock Springs, Wyoming (CITY, STATE)

TO R. G. Myers — DATE April 13, 1976

SUBJECT Tentative Plan to Complete
Coalville Well No. 6
Coalville Gas Storage Field

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

TMC/gm
Attachment
cc: J. T. Simon
B. W. Croft
E. R. Keller (6)
A. J. Marushack
A. K. Zuehlsdorff
Geology (2)
D. E. Dallas (2)
G. C. Nelson (2)
R. P. Work
C. F. Rosene
T. S. Stevens
E. A. Farmer
U.S.G.S.
State
B. M. Steigleder
P. E. Files (4)

From: C. R. Owen — Rock Springs, Wyoming

To: T. M. Colson — April 13, 1976

Tentative Plan to Complete
Coalville Well No. 6
Coalville Gas Storage Field

Present status of the well is as follows:

a. 13-3/8-inch O.D., 54.50-pound, K-55, 8 round thread, ST&C casing is landed at 135.30 feet KBM. Cement was circulated to surface behind the 13-3/8-inch O.D. casing.

b. 9-5/8-inch O.D., 36-pound, K-55, 8 round thread, ST&C and LT&C casing is landed at 709.24 feet KBM. Cement was circulated to the surface behind the 9-5/8-inch O.D. casing.

c. 7-inch O.D., 23-pound, K-55, 8 round thread, ST&C casing is landed at 2532.06 feet KBM. The cement was displaced with water. The 7-inch O.D. casing was pressure tested to 1500 psi when the casing was cemented.

d. A NSCo. 10-inch 3000 psi flange is set at ground level. A NSCo. 10-inch 3000 psi by 6-inch 3000 psi tubing spool is installed. The seal assembly was pressure tested to 1500 psi for 5 minutes.

NOTE: KB is 11.00 feet above ground level.

1. Move in and rig up a contract workover rig. Install a 6-inch 5000 psi double gate blowout preventer with blind rams in bottom and 3-1/2-inch rams in top.
2. After a WOC time of 50 hours, pick up a Baker roto-vert casing scraper dressed for 7-inch O.D., 23-pound casing and a 6-1/4-inch rock bit on 3-1/2-inch O.D., 9.2-pound, J-55 seal lock tubing. Clean out to plug back depth at approximately 2473 feet KBM. Circulate water out of wellbore with drip oil. Approximately 100 barrels will be required. Pull and stand tubing in derrick.
3. Rig up Dresser Atlas and run a cement bond log from plug back total depth at 2473 feet to the top of the cement at approximately 1700 feet KB.
4. Run a Dresser Atlas casing potential profile log from plug back total depth to surface.

5. Set a Baker Model F-1 production packer at approximately 2270 feet KBM. Run packer assembly as follows:

   a. One Baker Model F-1 production packer dressed for 7-inch O.D., 23-pound casing.

   b. One Baker six foot millout extension with 3-1/2-inch O.D., 8 round EUE pin down.

   c. One 3-1/2-inch O.D., 9.3-pound, J-55, 8 round thread, EUE tubing pup joint, six feet long.

   d. One Baker Model F non-ported seating nipple, 2.81-inch I.D., with 3-1/2-inch O.D., 8 round EUE box and pin.

   e. One 3-1/2-inch O.D., 9.3-pound, J-55, 8 round thread, EUE tubing pup joint, six feet long.

   f. One Baker Model R non-ported seating nipple, 2.75-inch I.D., with 3-1/2-inch O.D., 8 round EUE box and pin.

6. Run and land 3-1/2-inch O.D. tubing as follows:

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

   b. One 3-1/2-inch O.D. 8 round EUE by 3-1/2-inch O.D. seal lock pin crossover.

   c. 3-1/2-inch O.D., 9.2-pound, J-55 seal lock tubing pup joints, as required to space out.

   d. Approximately 1980 feet 3-1/2-inch O.D., 9.2-pound, J-55 seal lock tubing.

   e. One 3-1/2-inch O.D. seal lock tubing collar.

   f. One 3-1/2-inch O.D. seal lock by 3-1/2-inch O.D. 8 round EUE double pin crossover.

   g. One Baker Model "L" sliding sleeve, 3-1/2-inch 8 round thread EUE box and pin, 2.81-inch I.D. Run sliding sleeve in the open position.

   h. One Baker Model G locator seal assembly with 6 feet of seals.

   Land above tubing with 10,000 pounds compression.

7. Remove blowout preventer and install upper portion of wellhead.

8. Rig up Dresser Atlas lubricator and perforate the following zone with two shots per foot as follows:

   2376 feet to 2409 feet

   Note: These perforations are in the top of the storage sand. The logs indicate gas has occupied this section. At a later date, the lower portion may be considered for perforation.

   The above perforating depths were taken from the Dresser Atlas PFC bond log dated March 4, 1976 as correlated to the Schlumberger density log dated March 4, 1976.

9. Run a short production test. Clean up location. Record tubing and casing pressures.

10. Release workover rig.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Gas Storage

2. NAME OF OPERATOR: Mountain Fuel Supply Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1486' FNL, 574' FWL SW NW

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Coalville

9. WELL NO.: 6

10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW NW 10-2N-5E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.: API # 43-043-30020

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5735' GR 5724'

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

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

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

TD 2535', PBD 2460', well shut in.

Rigged up work over unit on April 19, 1976, ran production packer, ran and landed 3-1/2" tubing at 2293.39', perforated from 2376' to 2409' with 2 holes per foot, no tubing pressure after perforating, rig released April 21, 1976.

On May 13, 1976, opened well to tank for 5 hours, recovered 2-1/2 barrels of drip oil, TP 0, CP 0 psi, shut well in.

Final report.

RECEIVED MAY 26 1976 DIVISION OF OIL, GAS, & MINING

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

SIGNED R. G. Myers TITLE General Manager, Gas Supply Operations DATE May 25, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-3

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

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED MAY 26 1976 DIVISION OF GAS & MINING

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Gas Storage

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 1486' FNL, 574' FWL SW NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Coalville

9. WELL NO.: 6

10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW NW 10-2N-5E

API # 43-043-30020

14. PERMIT NO. 43-043-30020 DATE ISSUED

12. COUNTY OR PARISH: Summit

13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-23-76	3-19-76	5-13-76	KB 5735' GR 5724'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
2535'	2460'		→	0 - 2535'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 2376 - 2409' Longwall

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, BHC Sonic, FDC-CNL

27. WAS WELL CORED: Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	135.30	17-1/2	220	0
9-5/8	36	709.24	12-1/4	381	0
7	23	2532.06	8-3/4	430	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2	2293.39	

31. PERFORATION RECORD (*Interval, size and number*)

2376-2407', jet, 2 holes per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-13-76	5						

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	0			0		

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

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 R. S. Myers TITLE GENERAL MANAGER GAS SUPPLY OPERATIONS DATE May 25, 1976

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Log top:		
Longwall SS (L-2)	2320'	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

June 9, 1976

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

Re: Well No. Coalville 6
Sec. 10, T. 2N, R. 5E
Summit County

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER
RECORDS CLERK

COMPLETION REPORT

Well: Coalville No. 6 Storage Well Date: July 27, 1976

Area: Coalville (Summit County, Utah) Lease No: FEE

☐ New Field Wildcat ☒ Development Well Gas Storage ☐ Shallower Pool Test

☐ New Pool Wildcat ☐ Extension ☐ Deeper Pool Test

Location: 1486' feet from South line, 574' feet from West line

SW ¼ NW. ¼

Section 10, Township 2N, Range 5E

County: Summit County State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 5735' Gr 5724' Total Depth: Driller 2535' Log 2509

Drilling Commenced: February 23, 1976 Drilling Completed: March 20, 1976

Rig Released: March 21, 1976 Well Completed: May 13, 1976

Sample Tops: (unadjusted)		Log Tops:	
Frontier	Surface	Frontier	Surface
Longwall	2320 (3405)	Longwall	2335 (3400)

Sample Cuttings: One dry cut to Salt Lake City Core Lab

Status: Gas Storage Well

Producing Formation: Longwall Member of Frontier Formation

Perforations: 2376-2407' w/2 holes per foot

Stimulation: None

Production: None reported

Plug Back Depth: 2460'

Plugs: None

Hole Size: 17-1/4" to 140'; 12-1/4 to 740'; 8-3/4 to 2535

Casing/Tubing: 13-3/8" to 135.30 ft w/120 sacks;9-5/8" to 709.24' w/381 sacks; 7" to 2532.06' w/430 sacks; 3-1/2" to 2293.39'

Logging-Mud: Rocky Mountain Geo-Engineering Co. (715-2518')

Mechanical: DIL(700-2515'); Density - CNL/GR(700-2515); HDT (720-2514)BHC/GR (700-2515)

Contractor: Chandler and Associates

Completion Report Prepared by: Joan Brinton

Remarks: None

COMPLETION REPORT (cont.)

Well: Coalville No. 6

Area: Coalville Gas Storage

Cored Intervals (recovery): 1500-1560 (56); 1560-1617 (57); 1617-1621 (3.1); 1621-1651 (30); 1651-1692 (41); 1692-1752 (60); 1752-1803 (51); 1803-1863 (59); 1863-1923 (60); 1923-1981 (58.00); 1981-2010 (30); 2010-2021 (7.4) 2021-2081 (55.9); 2081-2141 (41.6); 2141-2157 (16); 2157-2211 (50.9); 2211-2271 (60); 2271-2305(30) 2305-2339 (31)

Tabulation of Drill Stem Tests:

No.	Interval	IHP	IFP (min.)	ISIP (min.)	FFP (min.)	FSIP (min.)	FHP	Samples Caught	Remarks
1	1890-2010	1138	309-888(33)	890 (61)	890-890(60)	891 (359)	1068	Water	NGTS; Rec.1766 ft. of MCW
2	2102-2211								Misrun
3	2118-2211	1249	57-56(33)	75 (60)	60-60 (60)	108 (300)	1226	None	NGTS; Rec. 15' drilling fluid
4	2327-2360	1347	190-312(30)	959 (60)	338-353(90)	993 (301)	1320	Water	GTS, 40 Min. NETG;Rec. 405'G&WCM 180' MCW

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

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.

7. UNIT or CA AGREEMENT NAME: Coalville Gas Storage

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Gas Storage/Inject. Withdrawal

8. WELL NAME and NUMBER: Coalville 6

2. NAME OF OPERATOR: Questar Pipeline Company

9. API NUMBER: 4304330020

3. ADDRESS OF OPERATOR: P.O. Box 45360 CITY SLC STATE UT ZIP 84145-0360

PHONE NUMBER: (801) 324-5555

10. FIELD AND POOL, OR WILDCAT: Coalville Gas Storage

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1486' FNL, 574' FWL

COUNTY: Summit

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW NW 10 2N 5E SLM

STATE: UTAH

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

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

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

Purpose is to inform of the change in name on the subject leases from Mountain Fuel Supply Company to Questar Pipeline Company.

Effective 3/7/1988

Approved:
Property [illegible]
Property [illegible]
Engineer [illegible]
Legal [illegible]
V.P. _____

NAME (PLEASE PRINT) R. J. Zobell TITLE Manager, Engineering & Project Management

SIGNATURE R J Zobell DATE _____

(This space for State use only)

RECEIVED
JAN 13 2004
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **3/7/1988**

FROM: (Old Operator):	**TO:** (New Operator):
N0680-Mountain Fuel Supply Company 180 E 100 S Salt Lake City, UT 84139 Phone: 1-(801) 534-5267	N7560-Questar Pipeline Company PO Box 11450 Salt Lake City, UT 84147 Phone: 1-(801) 530-2019

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COALVILLE GAS STORAGE 1	09	020N	050E	4304310691	99990	Fee	GS	A
COALVILLE GAS STORAGE 2	10	020N	050E	4304330005	99990	Fee	GS	A
COALVILLE GAS STORAGE 3	10	020N	050E	4304330007	99990	Fee	GS	A
COALVILLE GAS STORAGE 4	10	020N	050E	4304330009	99990	Fee	GS	A
COALVILLE GAS STORAGE 5	10	020N	050E	4304330011	99990	Fee	GS	A
COALVILLE GAS STORAGE 6	10	020N	050E	4304330020	99990	Fee	GS	A
COALVILLE GAS STORAGE 7	10	020N	050E	4304330021	99990	Fee	GS	A
CHALK CREEK GOVT 4	06	020N	060E	4304305003	99990	Federal	GS	A
OHIO GOVT WELL 1 CHALK CREEK	06	020N	060E	4304305004	99990	Federal	GS	A
TEXOTA UTAH FED L 1	06	020N	060E	4304305005	99990	Federal	GS	A
CHALK CREEK GOVT 2	06	020N	060E	4304305006	99990	Federal	GS	A
CHALK CREEK GOVT 3	06	020N	060E	4304305007	99990	Federal	GS	A
CHALK CREEK GOVT 1	06	020N	060E	4304305008	99990	Federal	GS	A
CHALK CREEK GOVT 5	06	020N	060E	4304305009	99990	Federal	GS	A
CHALK CREEK GOVT 6	06	020N	060E	4304305018	99990	Federal	GS	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/13/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/13/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/14/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 649172-0142
5. If NO, the operator was contacted contacted on: _____

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 3/9/1989

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 1/29/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 1/29/2004
3. Bond information entered in RBDMS on: 1/29/2004
4. Fee wells attached to bond in RBDMS on: 1/29/2004
5. Injection Projects to new operator in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 965002976

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965003033

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

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/29/2004

COMMENTS:

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4304310691	09	020N	050E	Coalville Gas Storage 1	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330005	10	020N	050E	Coalville Gas Storage 2	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330007	10	020N	050E	Coalville Gas Storage 3	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330009	10	020N	050E	Coalville Gas Storage 4	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330011	10	020N	050E	Coalville Gas Storage 5	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330020	10	020N	050E	Coalville Gas Storage 6	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330021	10	020N	050E	Coalville Gas Storage 7	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330192	10	020N	050E	Coalville Gas Storage 8	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330193	10	020N	050E	Coalville Gas Storage 9	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330244	10	020N	050E	Coalville Gas Storage 10	99990 to 14038	2/10/2004	Coalville Gas Storage
N7560	Questar Pipeline Co	4304330249	09	020N	050E	Coalville Gas Storage 12	99990 to 14038	2/10/2004	Coalville Gas Storage

Note to file: These entity numbers were changed to compliment the operator correction from 3/7/98