

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet _____

Location Map Pinned

Card Indexed

IWR for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter *APPLICATION APPROVAL SENT 1-3-77*

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed *4/25/77 S.F.* Location Inspected _____

OW _____ WW _____ TA _____ Bond released _____

GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

DEVELOPMENT PLAN FOR U.S.C.S. APPROVAL OF SURFACE USE
MOUNTAIN FUEL SUPPLY COMPANY DRILLING WELLS

Well Name - Clay Basin Well No. 26-S

Field or Area - Clay Basin, Utah

1. Existing Roads -

- A) Proposed well site as staked - Refer to well location plan M- 12310 for location of well, access road and directional reference stakes.
- B) Route and distance from nearest town or locatable reference point to where well access route leaves main road - Refer to lateral map M-9030 From the Wyoming-Utah state line to Rock Springs, Wyoming is 50 miles.
- C) Access road to location - Refer to lateral map M-9030 and well site map M- 12310 for access road from Wyoming-Utah state line to Clay Basin unit No. 26-S.
- D) If exploratory well, all existing roads within a 3-mile radius of well site - Not an exploratory well.
- E) If development well, all existing roads within a 1-mile radius - Refer to lateral map M-9030 for existing roads.
- F) Plans for improvement and/or maintenance of existing roads - No existing roads will be improved. All existing roads will be maintained as needed by Mountain Fuel equipment.

2. Planned Access Road -

- A) Width - 16' wide from shoulder to shoulder.
- B) Maximum grade - The maximum grade on the road is 8 percent.
- C) Turnouts - No turnouts will be constructed.
- D) Drainage design - A drainage ditch on the uphill side of the road will be constructed. It will be a minimum of one foot below the surface of the road. No water diversion ditches are anticipated.
- E) Location and size of culverts and description of major cuts and fills -
 - 1) For culvert size and location see drawing No. M-12310
 - 2) No side hill cuts will be made.
- F) Surfacing material - No surfacing material will be needed either on the road or location.
- G) Necessary gates, cattle guards or fence cuts - No cattle guards, gates, or fence cuts are anticipated.

- D) Disposal wells - None within a one mile radius.
 - E) Drilling wells - Both Clay Basin 24 and 25 are proposed wells and should be drilling soon.
 - F) Producing wells - Clay Basin unit well Nos. 17, 13, 14, 19, and 22 are productive gas well within a one mile radius.
 - G) Shut-in wells - No shut-in wells within a one mile radius.
 - H) Injection wells - Clay Basin wells 2, 3, & 5 are injection/withdrawal wells.
 - I) Monitoring or observation wells for other resources - No monitoring or observation wells within a one mile radius.
4. Location of Existing And/Or Proposed Facilities - Refer to lateral map M-9030.
- A) 1) Tank batteries - No tank batteries within a one mile radius.
 - 2) Production facilities - Each productive gas well has its own production equipment. Also, a compressor plant is located near unit 3. Also, a compressor plant for injection is being constructed near unit 3.
 - 3) Oil gathering lines - No oil gathering lines are located in the Clay Basin area.
 - 4) Gas gathering lines - Refer to area map M-9030. Laterals Nos. 55, 46, and 47 are buried gas lines. Lateral Nos. 270, 273, and 403 are surface gas lines.
 - 5) Injection lines - Several injection/withdrawal lines are located within the area. Refer to lateral map M-9030.
 - 6) Disposal lines - No disposal lines are located within a one mile radius.
- B) 1) Proposed location and attendant lines by flagging if off the well pad - The well will be used as a gas injection/withdrawal well. A line will be constructed from the well to the compressor site as shown on drawing M-9030. The line will be a buried 6 inch.
 - 2) Dimensions of facilities - Refer to drawing No. M-12205.
 - 3) Construction methods and materials - No construction materials are anticipated. The dirt work will be done with a backhoe, i.e., ditches, dehy base, tank base, etc.
 - 4) Protective measures and devices to protect livestock and wildlife - The sump pit will be fenced as shown on drawing M-12205.

- C) Water well to be drilled on lease - No water well will be drilled.
6. Source of Construction Material -
- A) Information - No construction material will be used.
 - B) Identify if from Federal or Indian land -
 - C) Where materials are to be obtained and used -
 - D) Access roads crossing Federal or Indian lands -
7. Method for Handling Waste Disposal -
- A-D) Cutting, drilling fluids, produced fluids, and sewage will be placed in the mud pit.
 - E) Garbage and other waste material will be placed in the burn pit.
 - F) After drilling operations have been completed, the location will be cleared of all litter and the trash will be burned in the burn pit. The burn pit will be covered over. The mud pit liquids will be pumped out and dumped on the existing roads. The mud pit will be covered over.
8. Ancillary Facilities - There now is a camp approximately 1/2 mile to the east with housing and general camp facilities including a landing strip. Water is piped to the camp from a spring to the west. See drawing M-9030.
9. Well Site Layout - See drawing Nos. M-12310 and M-12311.
10. Plans for Restoration of Surface -
- A) After drilling operations, the well site will be cleared and cleaned and the burn pit filled in. Should the well be a dry hole, the surface will be restored to the extent that it will blend in with the landscape. The reserve pit liquids will be pumped out and dumped on the existing roads.
 - B) Revegetation and rehabilitation of the location and access road will be done to comply with Bureau of Land Management recommendations.
 - C) Prior to rig release, pits will be fenced and so maintained until clean up.
 - D) If oil is in the mud pit, overhead flagging will be installed to keep birds out.
 - E) Clean up will begin within two months after drilling operations have been completed and the land will be restored at this time.
11. Other Information -
- A) The location lies at the bottom of a bluff which runs east, west, more or less. The ground slopes south @ about 12%. The soil is sandy clay with gravel rock. The vegetation is sage brush, salt sage and native grass.

From: C. R. Owen
To: T. M. Colson

Rock Springs, Wyoming
February 24, 1976

Tentative Plan to Drill
Unit Well No. 26
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 _____, Drill Unit Well No. 26, Clay Basin Field, located in NE NW Sec. 21, T. 3 N., R. 24 E., Daggett County, Utah. An 8-3/4-inch hole will be drilled to a total depth of 5800 feet and 7-inch O.D. casing run. It is planned to complete the well as a gas storage well in the Dakota formation. Surface elevation is at 6442 feet KBM.

1. Drill 12-1/4-inch hole to approximately 330 feet KBM.
2. Run and cement approximately 300 feet of 9-5/8-inch O.D., 36-pound, K-55, 8 round thread, LT&C casing. The casing will be cemented by Halliburton with 165 sacks of regular Type "G" cement with 3 percent calcium chloride, 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. 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 24 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 Demco (2000 psi WOG, 4000 psi test) ball 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., 36-pound, K-55, 8 round thread, LT&C casing is 3520 psi.

4. Drill 8-3/4-inch hole to the total depth of 5800 feet or to such depth as the Geological Department may recommend. The mud will consist of 2 percent potassium chloride water to 4500 feet. Mud up with the potassium Dexdrid Drispac system at this point to allow a 3 cc. water loss at 5550 feet. The 3 cc. water loss will be maintained from 5550 feet to total depth at 5800 feet. If lost circulation is encountered, only acid soluble lost circulation material will be used. A mud cleaner will be used from surface to total depth to remove undesirable solids from the mud system and to keep the mud weight to a minimum. A Company Geologist will be on location to check cutting samples; 10 foot samples from 5200 feet to total depth. Anticipated tops are as follows:

	<u>Approximate Depth</u> <u>(Feet KBM)</u>
Mancos	Surface
Frontier	5,250
Mowry	5,450
Dakota	5,600
Total Depth	5,800

5. Run a dual induction laterolog (2-inch linear scale and 5-inch logarithmic scale) and a compensated density/gamma ray/caliper from total depth at 5800 feet to 3800 feet. The 2000 feet logged represents the minimum footage for each log.
6. Assuming gas storage zones of good quality are present as indicated by log analysis, go into hole with 8-3/4-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 7-inch O.D. casing as outlined in Item No. I, General Information, through the deepest producing zone as indicated by log analysis. A Baker 7-inch O.D., 8 round thread, Type G circulating differential fillup collar and guide shoe will be run as floating equipment. Rig up Halliburton and cement casing with 50-50 Pozmix "A" cement. Bring cement top behind the 7-inch O.D. casing 1000 feet above the uppermost producing zone as indicated by log analysis. Circulate 300 barrels of drilling mud prior to beginning cementing operations. Capacity of the 7-inch O.D. casing is approximately 228 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. Bump plug with 2500 psi and hold for 15 minutes to pressure test casing. Minimum burst pressure of the 7-inch O.D., 23-pound, K-55 casing is 4360 psi.
8. Immediately after cementing operations are completed, land the 7-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 3000 psi

tubing spool. Pressure test primary and secondary seals to 2500 psi for 5 minutes. Minimum collapse pressure for 7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing is 3280 psi. Install a steel plate on the 6-inch 3000 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 7-inch O.D. casing.
13. After a WOC time of at least 56 hours, pick up and run a 6-1/4-inch bit on 2-3/8-inch O.D., 4.7-pound, V-55, 8 round thread, EUE tubing to check plugged back depth. Rig up and displace drilling mud out of hole with drip oil. Pull and lay down 2-3/8-inch O.D. tubing.
14. Rig up Dresser Atlas and run a casing potential profile log from total depth to the bottom of the surface casing at 300 feet KB.
15. Rig up Dresser Atlas perforating truck and perforate the Dakota storage sand with 2 HPF jumbo jet shots. The interval to be perforated will be chosen after the open hole logging has been reviewed and evaluated.
16. Rig up Dresser Atlas and run a Baker Model FB-1 (size 87-40) as follows:
 - Baker Model FB-1 (4.0-inch I.D. through packer)
 - 6 foot Baker millout extension (4.0-inch I.D.).
 - 10 foot Baker seal bore protector (4.0-inch I.D.) changeover.

6 feet 3-1/2-inch O.D., 9.2-pound, J-55, 8 round EUE pup joint.

Baker Model "F" non-ported seating nipple (size 2.81).

6 feet 3-1/2-inch O.D., 9.2-pound, J-55, 8 round EUE pup joint.

Baker Model "R" non-ported no-go seating nipple (size 2.75).

Set packer so that the bottom of the assembly is 30 feet above the perforations.

Perforations will be chosen after the open-hole logging is completed.

17. Install 4-1/2-inch rams in preventer. Pick up a Baker locator seal assembly and

a Baker Model "L" sliding sleeve and run tubing as follows:

1 NSCo. DP4-H-1 tubing hanger tapped 4-1/2-inch O.D., 8 round thread, LT&C, top and bottom.

4-1/2-inch O.D., 11.6-pound, J-55, 8 round thread, LT&C pup joints as required to space out.

Approximately 180 joints 4-1/2-inch O.D., 11.6-pound, J-55, 8 round thread, LT&C tubing.

Baker Model "L" 4-1/2-inch O.D. sliding sleeve (size 3.812), in open position.

1 6 foot 4-1/2-inch O.D., 11.6-pound, J-55 pup joint.

Baker Model "G" locator seal assembly with 10 feet of seal extensions (I.D. 3.0-inches).

Land tubing in packer with 10,000 pounds compression. Space out and land in wellhead.

18. Install upper portion of wellhead.

19. Swab fluid out of wellbore. Run a short production test.

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., 36-pound, H-40, 8 round thread, ST&C casing	330	Warehouse Stock
	<u>Production Casing</u>	
7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing (Bottom 400 feet will be rough coated)	6,000	To be purchased
	<u>Production Tubing</u>	
4-1/2-inch O.D., 11.6-pound, J-55, 8 round thread, LT&C tubing	6,200	To be purchased

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

III. Well responsibility - D. L. Reese

CHECKLIST 3000psi EQUIPMENT

Contractor and operator to furnish items checked.

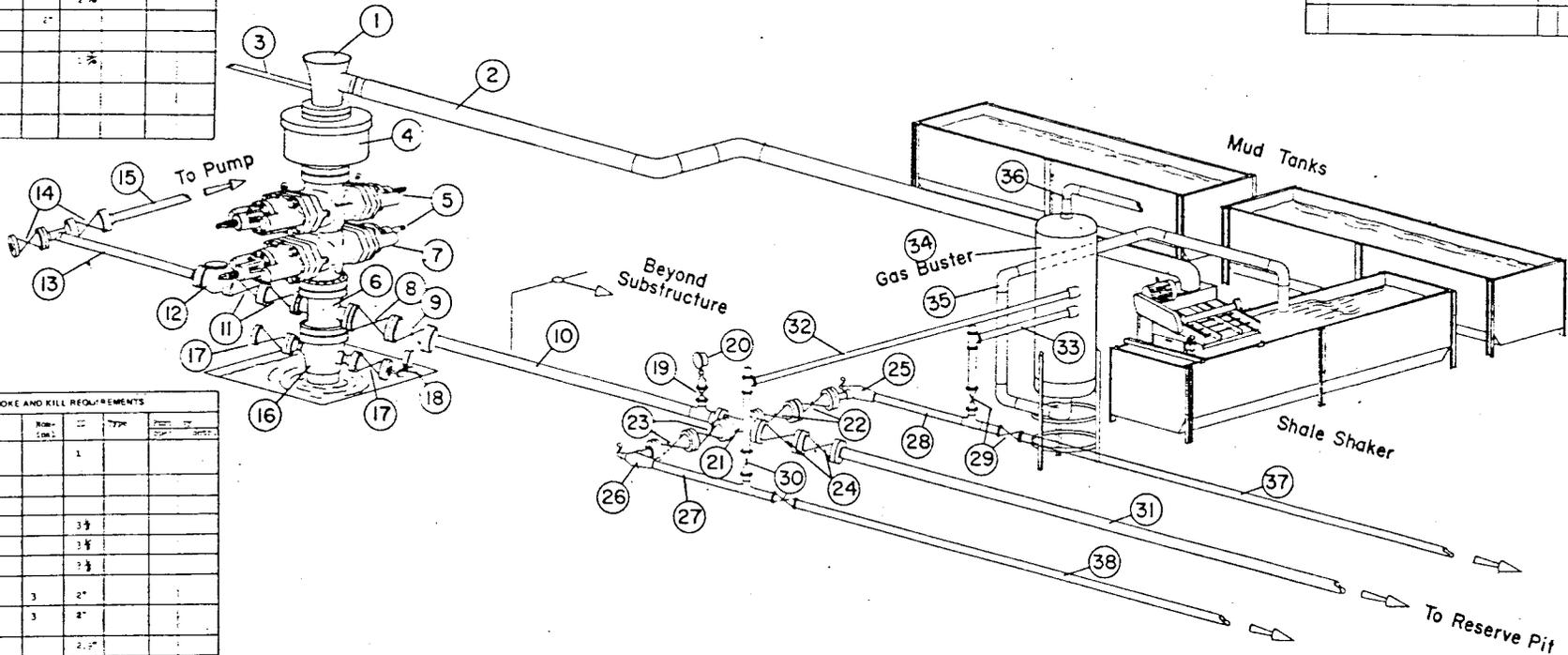
STANDARD STACK REQUIREMENTS					
No.	Item	Size (in)	Qty	Type	Part No.
1	Drilling Nipple				
2	Flowline				
3	Pull up Line	2"			
4	Annular Preventor			Hydril Sawyer Baker	
5	Two single or one dual ops. oper. rams			400 P. 400	
6	Drilling Spool with 2" and 3" outlets			Target	
7	As Alternate to (6) 2nd and 3rd lines from outlets in this rhm.				
8	Valve Gate	3 1/2"			
9	As per schematically operated Gate	3 1/2"			
10	Choke Line	2"			
11	Gate Valves	2 3/4"			
12	Check Valve	2 3/4"			
13	Kill Line	2"			
14	Valve-Gate	2 3/4"			
15	Kill Line to Pump	2"			
16	Casing Head				
17	Valves Gate Plug	3 1/2"			
18	Compound Pressure Gauge				
19	Annular Preventor				

MOUNTAIN FUEL SUPPLY COMPANY

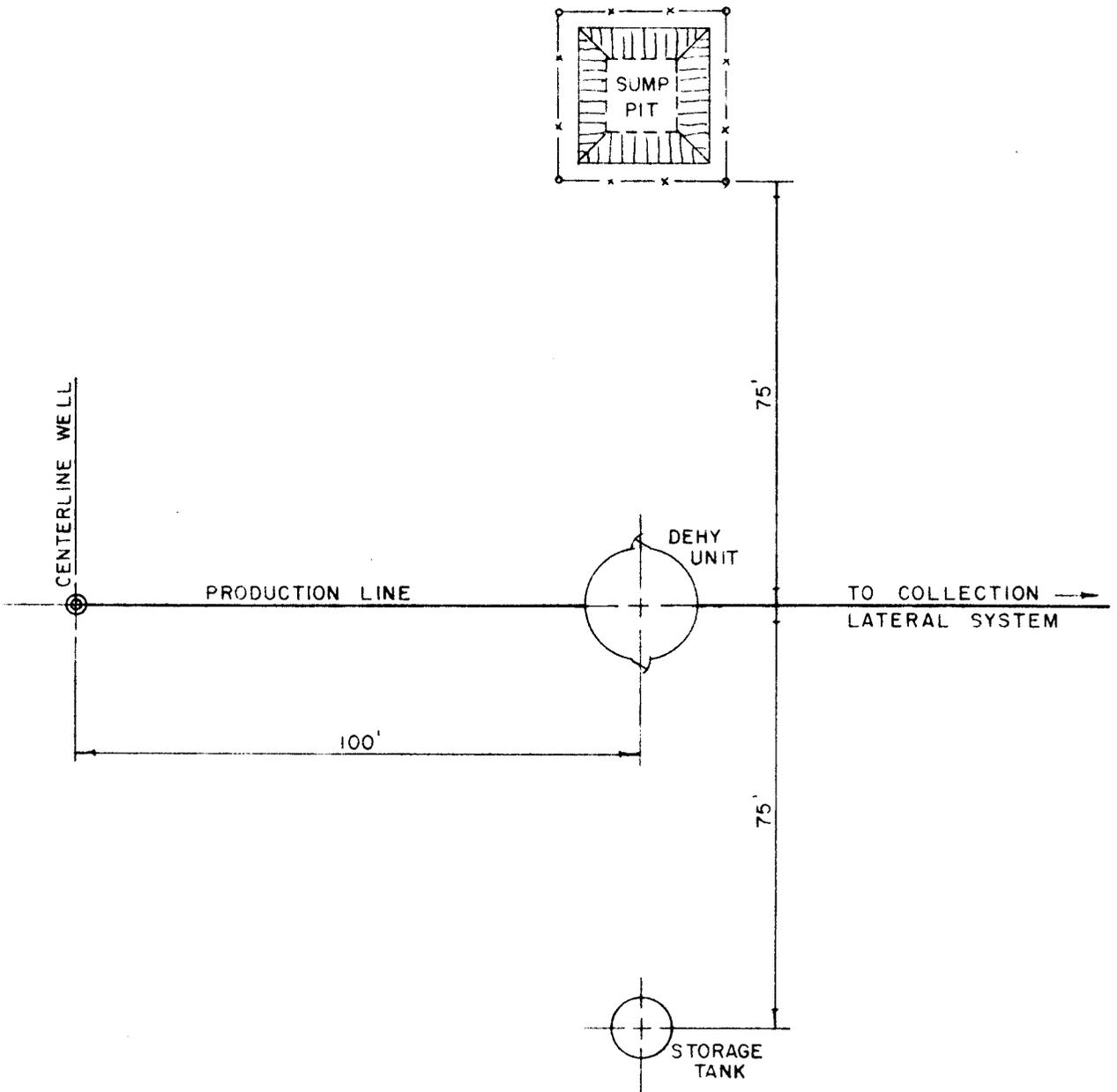
3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL CHOKES AND KILL REQUIREMENTS					
No.	Item	Size (in)	Qty	Type	Part No.

SPECIAL STACK REQUIREMENTS					
No.	Item	Size (in)	Qty	Type	Part No.



STANDARD CHOKES AND KILL REQUIREMENTS					
No.	Item	Size (in)	Qty	Type	Part No.
19	Valve Gate Plug	3 1/2"			
20	Compound Pressure				
21	Cross 3" X 3"				
22	Valve Gate	3 1/2"			
23	Valve Gate	3 1/2"			
24	Valve Gate	3 1/2"			
25	Check Dam End of equivalent	3	2"		
26	Check Dam End of equivalent	3	2"		
27	Line to Separator	2 1/2"			
28	Line to Separator	2 1/2"			
29	Valve Gate	3 1/2"			
30	Valves Gate	3 1/2"			
31	Line to Res. Pit	2 1/2"			
32	Line to separator	2 1/2"			
33	Line to Separator	2 1/2"			
34	Separator				
35	Discharge line				
36	Vent line				
37	Line to Res.	2 1/2"			
38	Line to Res. Pit	2 1/2"			



REVISIONS			
NO.	DESCRIPTION	DATE	BY

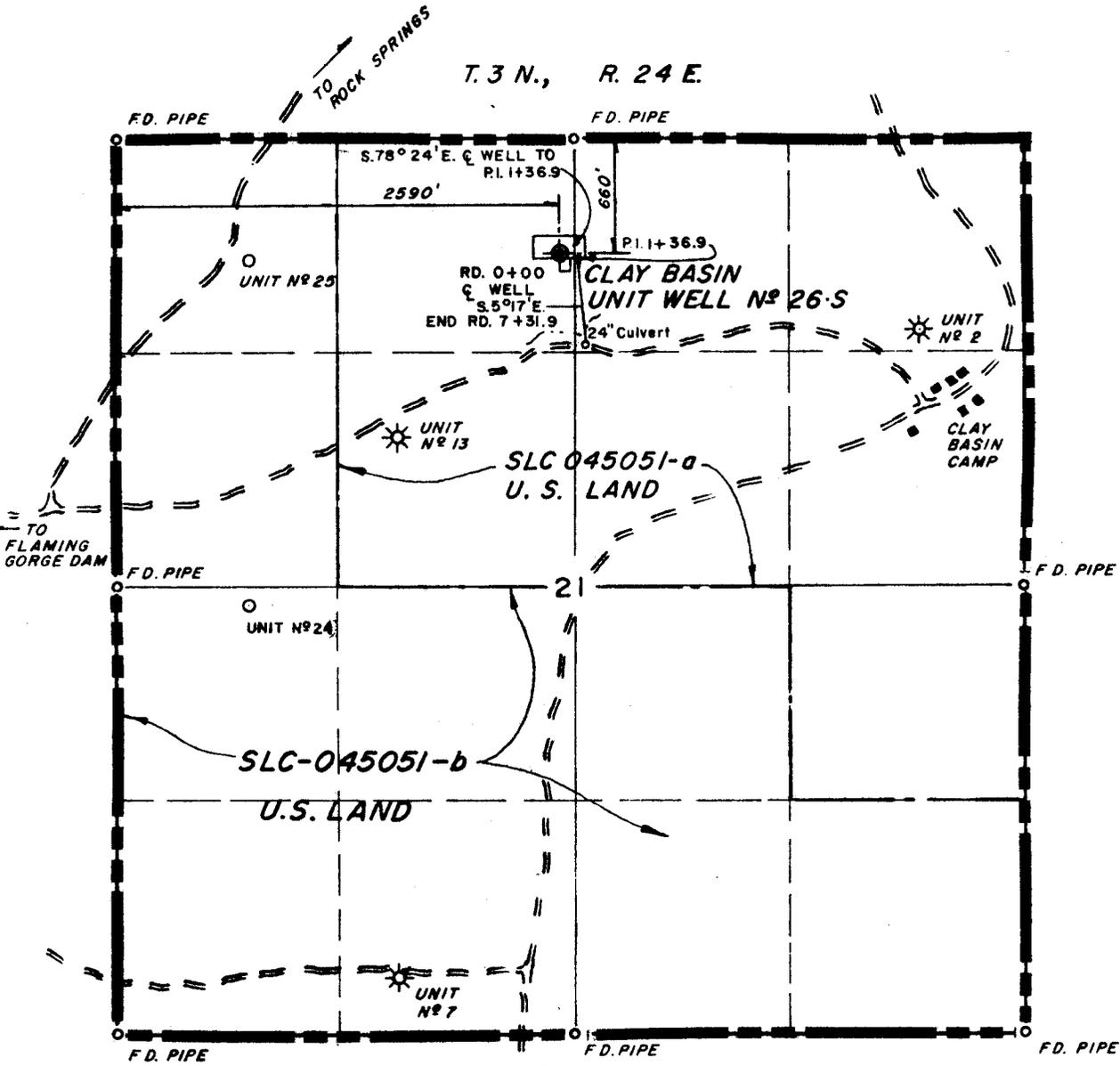


MOUNTAIN FUEL
SUPPLY COMPANY
ROCK SPRINGS, WYOMING

TYPICAL PRODUCTION FACILITIES LAYOUT FOR CLAY BASIN UNIT WELL N^o 26-5

DRAWN: 7/9/76 FJC	SCALE: NONE
CHECKED: GeL SMF	DRWG. NO. M-12205
APPROVED: RWJH	

T. 3 N., R. 24 E.



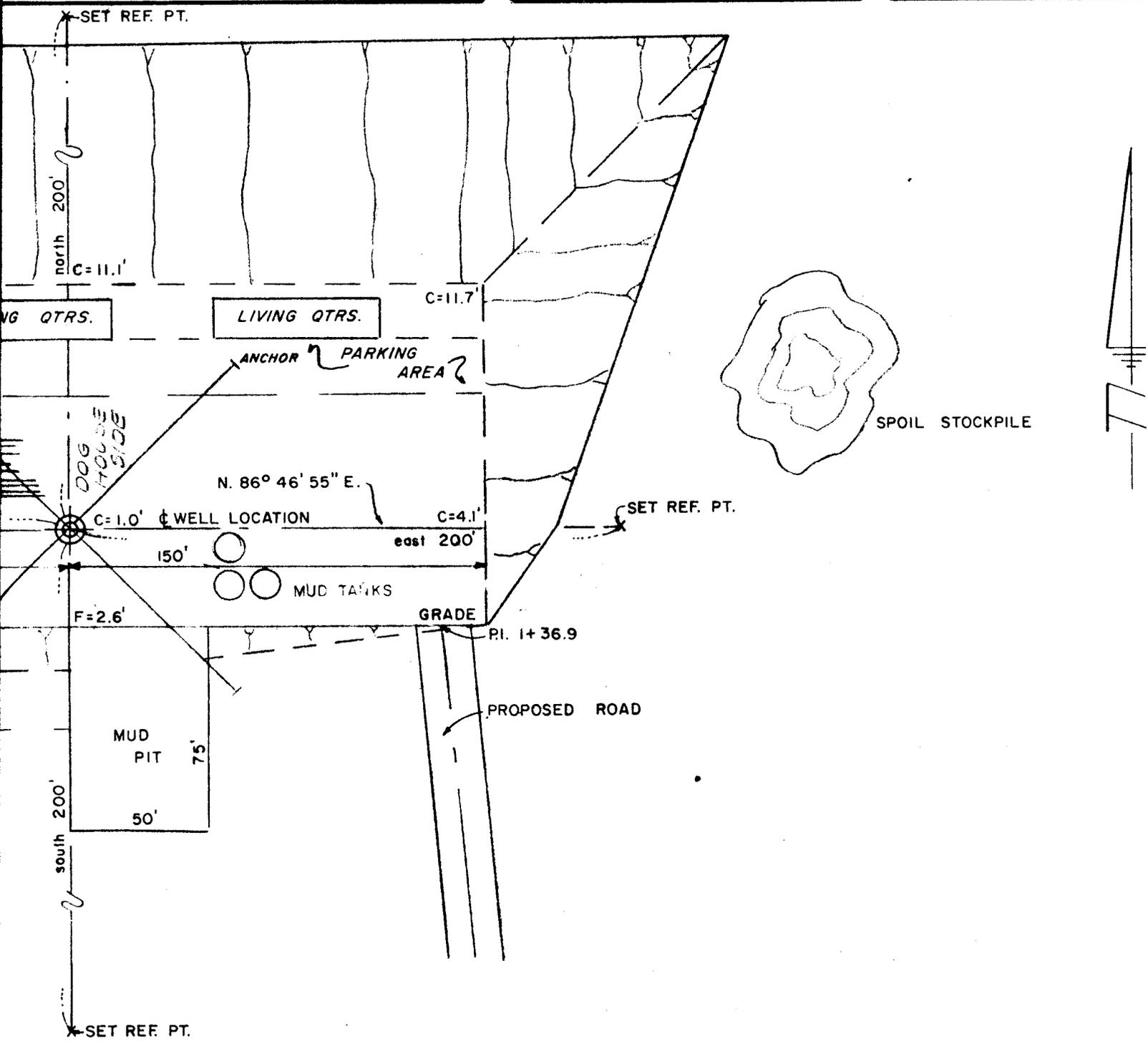
LOCATION PLAN
SCALE 1"=1000'

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

[Signature]
ENGINEER
UTAH REGISTRATION L. S. N° 3521

REVISIONS			
NO.	DESCRIPTION	DATE	BY

 MOUNTAIN FUEL SUPPLY COMPANY ROCK SPRINGS, WYOMING		CERTIFIED WELL LOCATION AND WELL SITE PLAN CLAY BASIN UNIT WELL N° 26-S	
CHECKED: Gel	SMF	DRWG. NO. M-12310	1/2
APPROVED: RWH		NO. M-12310	

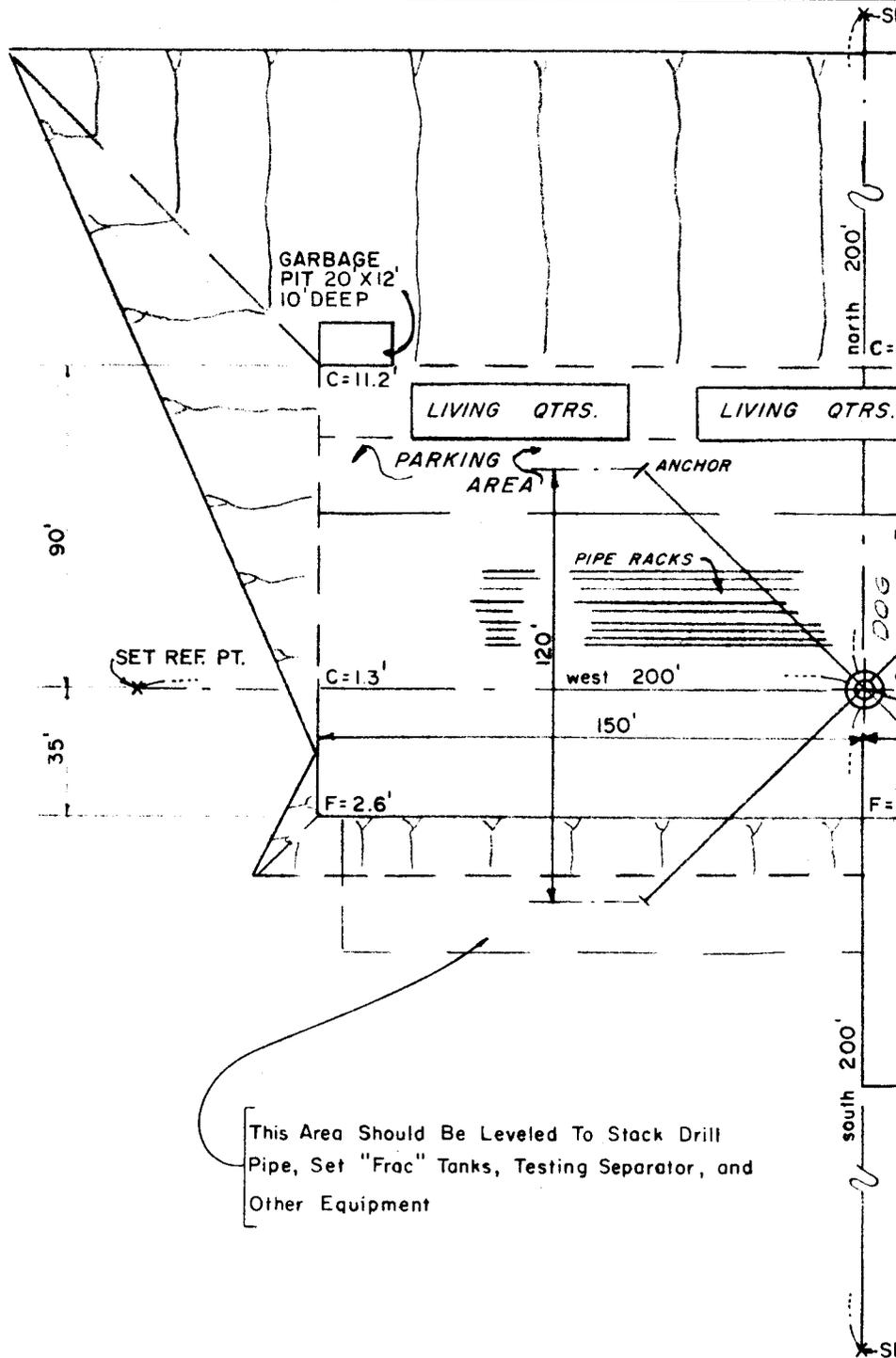


ENLARGED WELL SITE PLAN
SCALE 1" = 50'

DRILLING W.O.

LEGEND		ENGINEERING RECORD	
⊕	⊕ WELL	SURVEYED BY	S. M. FABIAN 9-13-76
⊕	STONE CORNER	REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input type="checkbox"/>
⊕	PIPE CORNER	LOCATION DATA	
		FIELD	CLAY BASIN
		LOCATION: N.E. 1/4, N.W. 1/4, SEC. 21, T. 3 N., R. 24 E., SALT LAKE MERIDIAN 660' FNL, 2590 FWL	
		DAGGETT COUNTY, UTAH	
		WELL ELEVATION: 6442 (AS GRADED) BY VERTICAL ANGLE OBSERVATION FROM M.F.S. Co. BENCH MARK 120	

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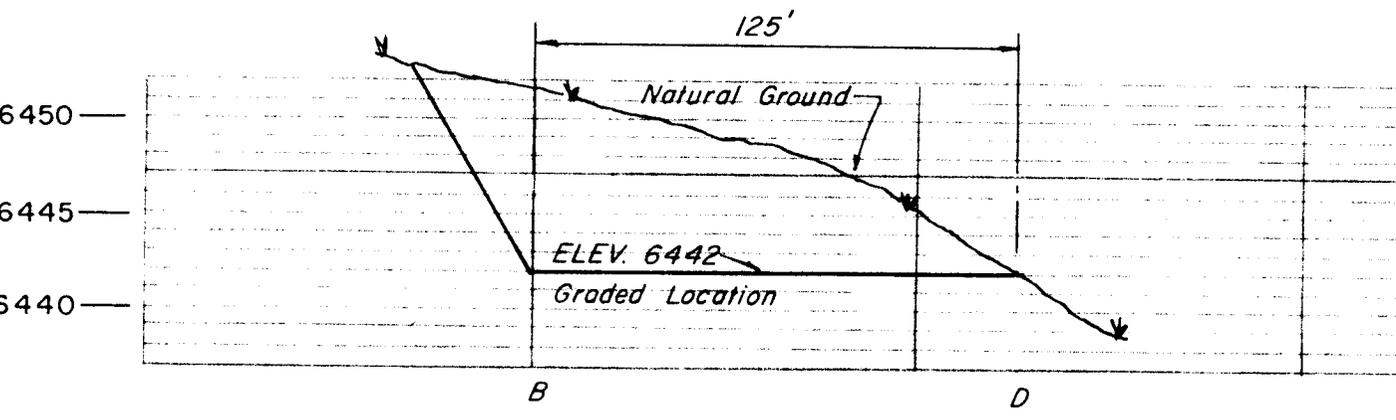
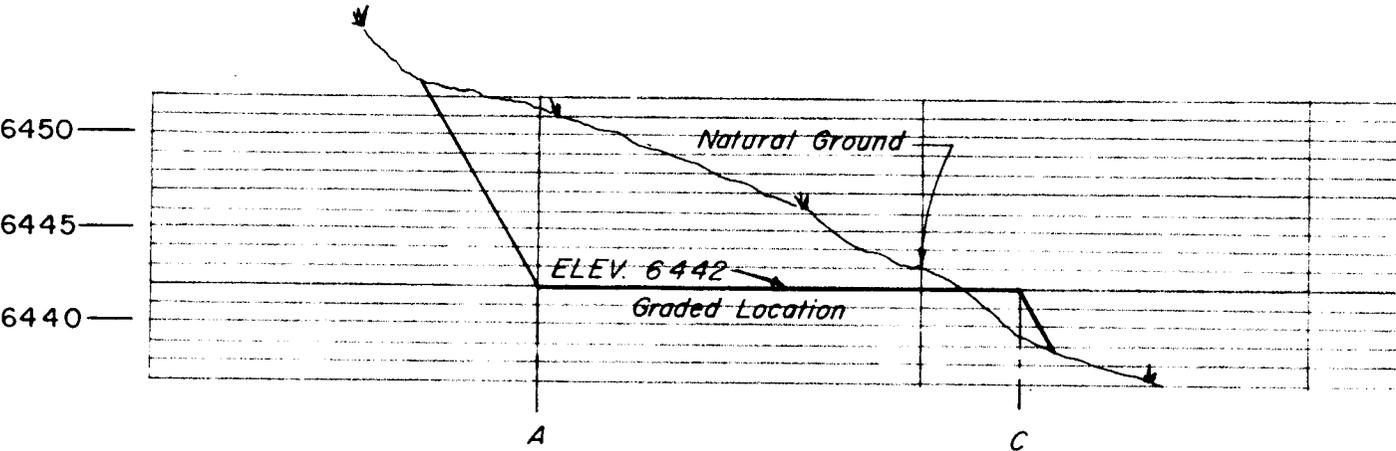
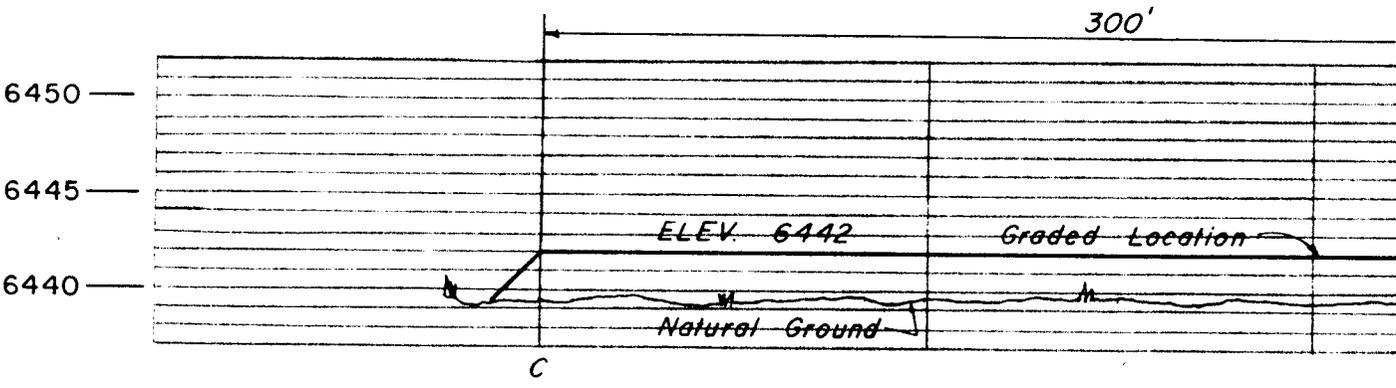
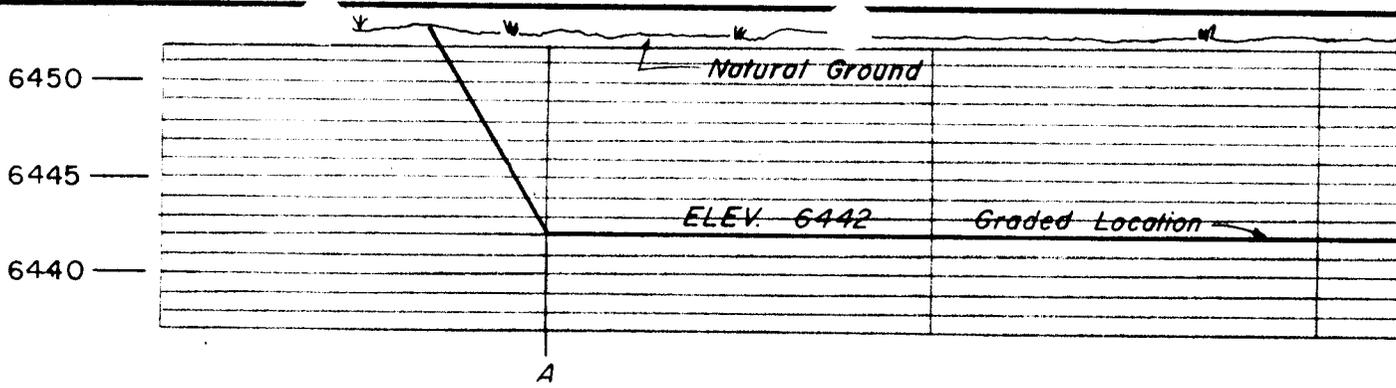


ENLA

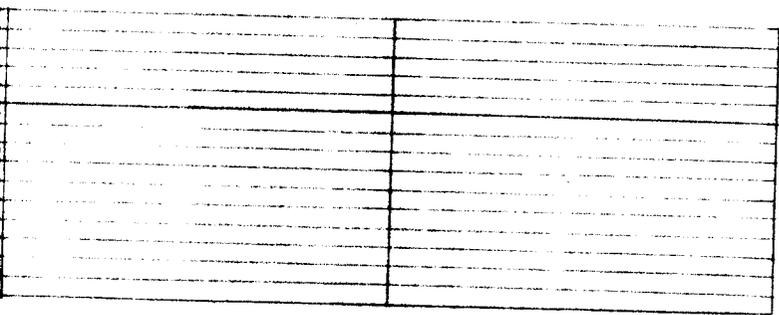
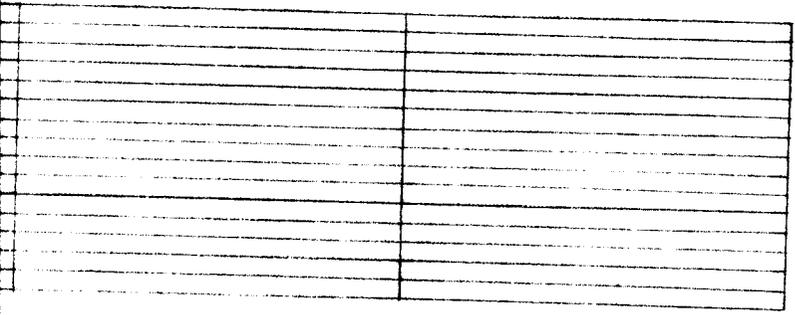
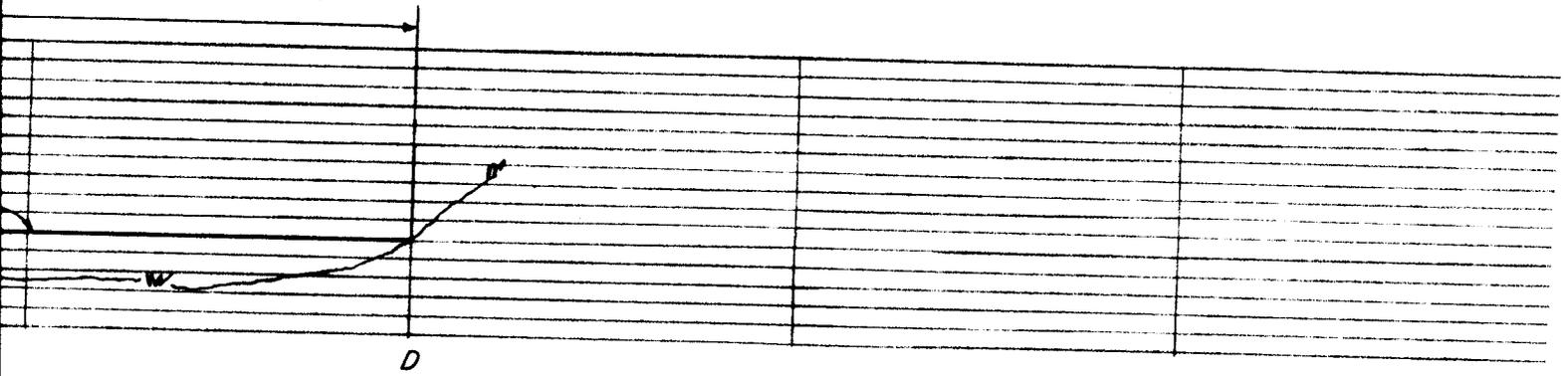
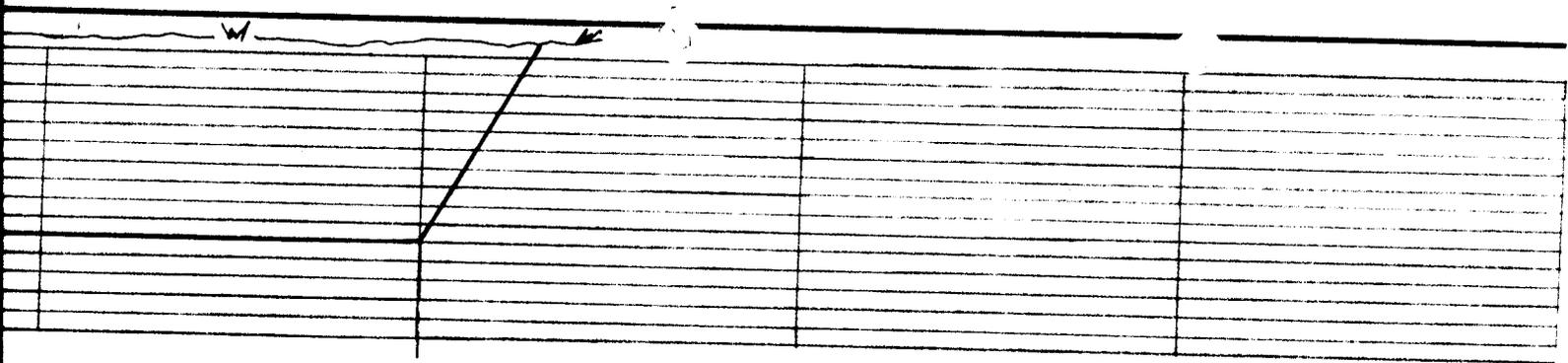
GENERAL NOTES:

At sites where topsoil is present, same is to be removed and stored on the adjacent land for restoration of the site when required.

Mud pit and garbage pit are to be fenced. unlined, for well location profiles see DRWG. N^o M-12311. Area for well location 0.86 Acres



PROFILE SECTIONS - PROPOSED GRADED LOCATION
 SCALE
 HORIZ. 1" = 50'
 VERT. 1" = 10'



W

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 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 660' FNL, 2590' FWL NE NW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 40-1/2 miles south of Rock Springs, Wyoming

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 50'

16. NO. OF ACRES IN LEASE
 640

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.
 1500' Unit #13

19. PROPOSED DEPTH
 5800'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 6442'

22. APPROX. DATE WORK WILL START*
 February 15, 1976

5. LEASE DESIGNATION AND SERIAL NO.
 SLC - 045051 a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 -

7. UNIT AGREEMENT NAME
 Clay Basin Unit

8. FARM OR LEASE NAME
 Unit Well

9. WELL NO.
 26-S

10. FIELD AND POOL, OR WILDCAT
 Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NE NW 21-3N-24E, SLM

12. COUNTY OR PARISH
 Daggett

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8" new	36# K-55	300'	180 sx, 3% CaCl
8-3/4	7" new	23# K-55	5800'	To be determined

We would like to drill the subject well to an estimated depth of 5800', anticipated formation tops are as follows: Mancos at the surface, Frontier at 5250', Mowry at 5450', Dakota at 5600'.

Mud will be adequate to contain formation fluids and in sufficient quantities to efficiently drill the well; blowout preventers will be checked daily and pressure tested after each string of casing is set; no cores, no DST's; no logging, 12 days drilling time; no abnormal temperatures, pressures, or H2S anticipated; probably run Dual Induction-Laterolog, Sonic, Density, and CNL.

Approved in accordance
with Order issued in
Order # 164-1.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Dec 30, 1976
BY: P. H. Small

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 P. L. Myers TITLE Manager, Drilling and Petroleum Engineering DATE Dec. 28, 1976

(This space for Federal or State office use)

PERMIT NO. 43-009-30017 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Well Name Clay Basin Unit Well No. 26-S

Location NE NW 21-3N-24E
Daggett County, Utah

<u>Wellhead Equipment</u>	<u>Size</u>	<u>Pressure Rating</u>	<u>Pressure Test</u>
Surface Casing Flange	10	3,000	
Casing Spool			
Tubing Spool	10 x 6	3,000	6,000
Tubing Bonnet	10 x 4	3,000	6,000

<u>Blow Out Preventers</u> (Top to Bottom)	<u>Size</u>	<u>PSI Rating</u>	<u>PSI Test</u>	<u>Bag</u>	<u>Range</u>
	10	3,000	6,000		Blind
	10	3,000	6,000		4-1/2

<u>Gas Buster</u>	<u>Yes</u>	<u>No</u>	<u>Degasser</u>	<u>Yes</u>	<u>No</u>
		X			X

<u>Kill or Control Manifold</u>	<u>Size</u>	<u>Pressure Rating</u>	<u>Pressure Rating Test</u>	<u>No Hydraulic Valves</u>
	2	3,000	6,000	No

<u>Auxiliary Equipment</u>	<u>Kelly Cock</u>	<u>Yes</u>	<u>No</u>
		X	

<u>Monitoring Equipment on Mud System</u>	<u>Yes</u>	<u>No</u>
		X

<u>Full Opening Drill Pipe Stabbing Valve on Floor</u>	<u>Yes</u>	<u>No</u>
	X	

<u>Type of Drilling Fluid</u>	<u>Water Base Mud</u>	<u>Air</u>	<u>Gas</u>	<u>Oil Base Mud</u>
	X			

Anticipated Bottom Hole Pressure 500
PSI

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: December 30
Operator: Mesacon Fuel Supply Co
Well No. 20-5
Location: Sec. 21 T. 2N R. 24E, County: Daguerre

File Prepared	<input checked="" type="checkbox"/>	Entered on N.I.D.	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Completion Sheet	<input checked="" type="checkbox"/>

Checked By:

Administrative Assistant: [Signature]
Remarks: Gas Storage OK Order
Petroleum Engineer: [Signature]

Remarks: [Signature]
Director: [Signature]
Remarks:

Include Within Approval Letter:

Bond Required Survey Plat Required
Order No. 164-1 Surface Casing Change
to _____
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 Elm Basin Unit
Other:

Letter Written

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

SLC - 045051-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Clay Basin Gas

Storage Agreement

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

26-S

10. FIELD AND POOL, OR WILDCAT

Clay Basin Gas Storage

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

NE NW 21-3N-24E

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

1. OIL WELL GAS WELL OTHER Gas Storage

2. NAME OF OPERATOR
Mountain Fuel Resources, Inc.

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

660' FNL, 2590' FWL NE NW

14. PERMIT NO.
API No.: 43-009-30017

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6442'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

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

Depth 370', spudded February 18, 1977, ran and cemented 9-5/8" surface casing, drilling.



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

SIGNED *R. D. Myers*

TITLE Manager, Drilling and Petroleum Engineering

DATE Feb. 21, 1977

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

K

INTEROFFICE COMMUNICATION

FROM T. M. Colson

Rock Springs, Wyoming
CITY STATE

TO R. G. Myers

DATE February 24, 1977

SUBJECT Tentative Plan to Drill
Unit Well No. 26-⁶
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 prepared by D. L. Reese.

TMC/gm
Attachment

cc: R. D. Cash
E. R. Keller (3)
G. A. Peppinger (3)
A. J. Marushack
A. K. Zuehlsdorff
D. E. Dallas
A. J. Maser (3)
J. E. Adney
E. J. Widic
B. M. Steigleder
E. A. Farmer
D. L. Reese
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)

P



P!
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.

SLC - 045051-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

Gas Storage

2. NAME OF OPERATOR

Mountain Fuel Resources, Inc.

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

660' FNL, 2590' FWL NE NW

7. UNIT AGREEMENT NAME

Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

26-S

10. FIELD AND POOL, OR WILDCAT

Clay Basin Gas Storage

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

NE NW 21-3N-24E

14. PERMIT NO.

API No.: 43-009-30017

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

KB 6454.42' GR 6442'

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Supplementary history

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Depth 703', landed 9-5/8"OD, 36#, K-55, casing at 292.40' KB and set with 200 sacks of regular type G cement treated with 2% calcium chloride, rig released February 25, 1977.

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

SIGNED

R. E. Myers

TITLE

Manager, Drilling and Petroleum Engineering

DATE

March 9, 1977

(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

SURMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
SLC - 045051-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Gas Storage

2. NAME OF OPERATOR
Mountain Fuel Resources, Inc.

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

660' FNL, 2590' FWL NE NW

14. PERMIT NO.
API No.: 43-009-30017

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6454.42' GR 6442'

7. UNIT AGREEMENT NAME
Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME
Unit Well

9. WELL NO.
26-S

10. FIELD AND POOL, OR WILDCAT
Clay Basin Gas Storage

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE NW 21-3N-24E

12. COUNTY OR PARISH
Daggett

13. STATE
Utah

RECEIVED
 APR 28 1977
 U.S. GEOLOGICAL SURVEY

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 5875', PBD 5819', resumed drilling on 4-8-77, landed 7"OD, 23#, K-55, 8rd thd, LT7C casing at 5868.25' and set with 550 sacks 50-50 Pozmix with 2% gel, rotary released 4-16-77, perforated from 5612' to 5649' with 2 jumbo jet shots per foot, set packer at 5509.84', landed 4-1/2" tubing at 5517.24', swabbed, flowed to tank, shut well in.

FINAL REPORT.

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

SIGNED R. L. Myers TITLE Manager, Drilling and Petroleum Engineering DATE April 27, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

ok Po **3**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 Resources, Inc.

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 660' FNL, 2590' FWL NE NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
SLC 045051 a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME
Unit Well

9. WELL NO.
26-S

10. FIELD AND POOL, OR WILDCAT
Clay Basin Gas Storage

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA
NE NW 21-3N-24E

14. PERMIT NO. - **DATE ISSUED** -

12. COUNTY OR PARISH Daggett **13. STATE** Utah

15. DATE SPUDDED 2-18-77 **16. DATE T.D. REACHED** 4-15-77 **17. DATE COMPL. (Ready to prod.)** 4-25-77 **18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*** KB 6454.42' GR 6442' **19. ELEV. CASINGHEAD** -

20. TOTAL DEPTH, MD & TVD 5875' **21. PLUG, BACK T.D., MD & TVD** 5819' **22. IF MULTIPLE COMPL., HOW MANY*** - **23. INTERVALS DRILLED BY** ROTARY TOOLS 0-5875' CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5612 - 5649' Dakota **25. WAS DIRECTIONAL SURVEY MADE** No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog, Densilog **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"	36	292.40'	12-1/4"	200	0
7"	23	5868.25'	8-3/4"	550	0

29. LINER RECORD **30. TUBING RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					4-1/2	5517.24	5509.84

31. PERFORATION RECORD (Interval, size and number)
5612-5649', jumbo 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 Shut in **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** Flowing - GAS STORAGE **WELL STATUS (Producing or shut-in)** SI

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) - **TEST WITNESSED BY** -

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

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

Manager, Drilling

SIGNED *[Signature]* TITLE and Petroleum Engineering DATE April 29, 1977

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

COMPLETION REPORT

Well: Clay Basin Unit No. 26-S Date: August 22, 1977

Area: Clay Basin Field Lease No: SLC 045051a

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

Location: 660 feet from North line, 2590 feet from West line
NE $\frac{1}{4}$ NW $\frac{1}{4}$

Section 21, Township 3 North, Range 24 East
County: Daggett State: Utah

Operator: Mountain Fuel Resources

Elevation: KB 6454.42' Gr 6442' Total Depth: Driller 5850' Log 5829'

Drilling Commenced: February 18, 1977 Drilling Completed: April 14, 1977

Rig Released: April 16, 1977 Well Completed: April 25, 1977

Sample Tops: (unadjusted)

Frontier 5250
Mowry 5438
Dakota 5604
Morrison 5800

Log Tops:

Mancos Surface
Frontier 5245
Mowry 5438
Dakota 5599
Morrison 5802

Sample Cuttings: None

Status: Gas storage injection-withdrawal well

Producing Formation: Dakota Formation

Perforations: 5612-5649 with 2 jumbo jet shots per foot

Stimulation: None

Production: None

Plug Back Depth: 5819'

Plugs: None

Hole Size: 12-1/4" to 370'; 8-3/4" to 5875'

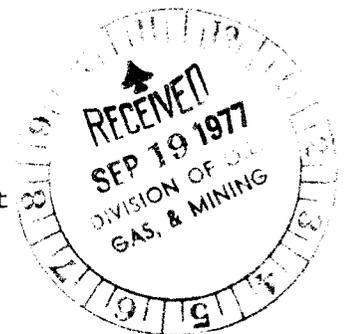
Casing/Tubing: 9-5/8" to 292.40 w/200 sacks; 7" to 5868.25 w/500 sacks
4-1/2" to 5517.24 in packer set at 5509.84'

Logging - Mud: None

Mechanical: Dual Laterolog, Densilog

Contractor: TWT Exploration (0-703)
Signal Drilling Co. (703-5875)

Completion Report Prepared by: M. L. Tomac



cont.)

#26-S

Basin Field

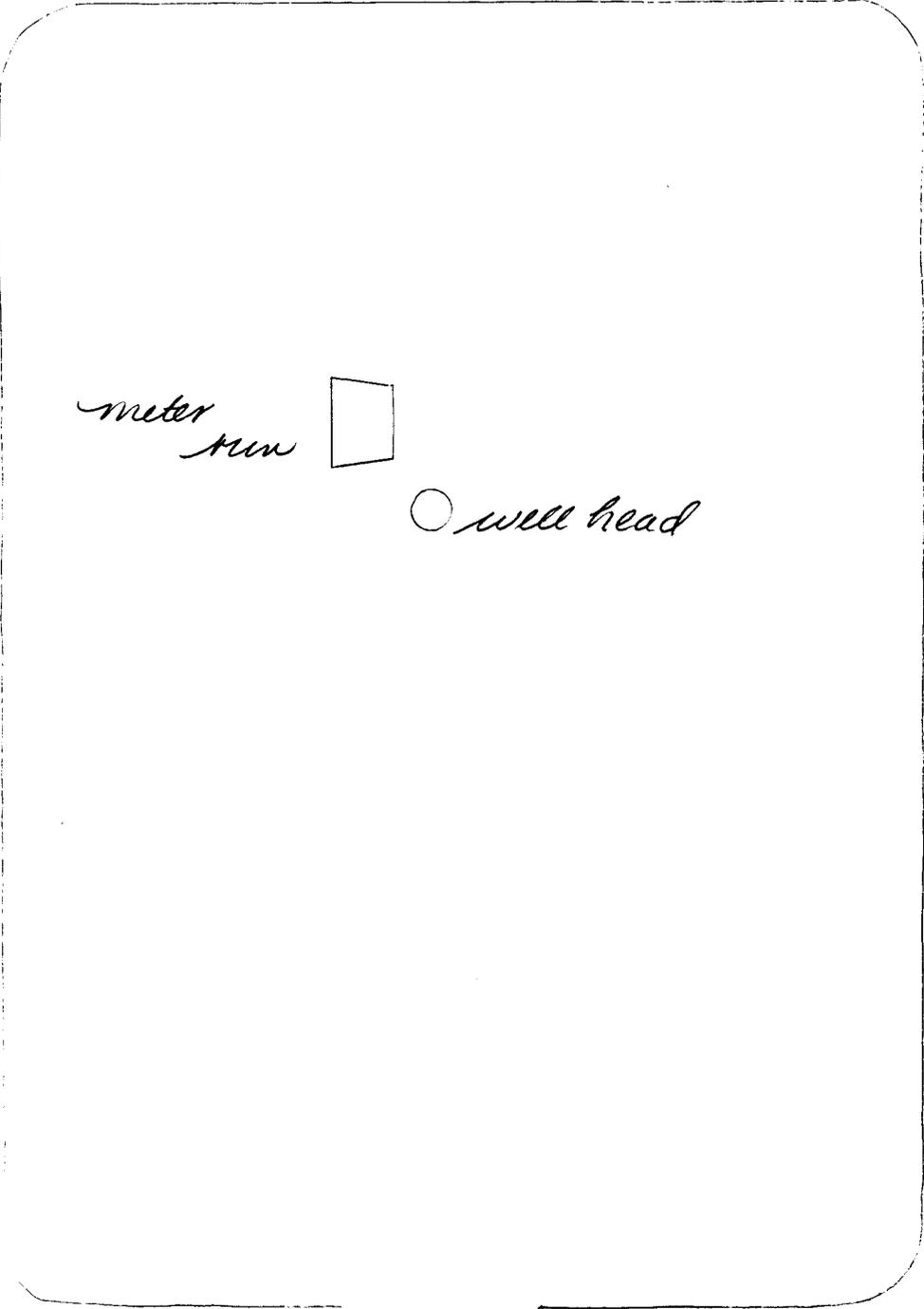
covery): None

Stem Tests: None

<u>HP</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>
-----------	-------------------	--------------------	-------------------	--------------------	------------	-----------------------	----------------

Clay Basin U # 26: Sec 21, 3N, 24E

Ch. bly 15 June 88



meter
run



○ well head

access
road

42,384 50 SHEETS 5 SQUARE
42,385 100 SHEETS 5 SQUARE
42,386 200 SHEETS 5 SQUARE
NATIONAL

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):	
N1070-Wexpro Company PO Box 45360 Salt Lake City, UT 84145-0360 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 8	10	020N	050E	4304330192	99990	Fee	GS	A
COALVILLE GAS STORAGE 9	10	020N	050E	4304330193	99990	Fee	GS	A
COALVILLE GAS STORAGE 10	10	020N	050E	4304330244	99990	Fee	GS	A
COALVILLE GAS STORAGE 12	09	020N	050E	4304330249	99990	Fee	GS	A
CLAY BASIN UNIT 5	20	030N	240E	4300915629	1025	Fee	GS	A
CLAY BASIN UNIT 3	16	030N	240E	4300915627	1025	State	GS	A
CLAY BASIN UNIT 27-S	16	030N	240E	4300930018	1025	State	GS	A
CLAY BASIN UNIT 52-S	16	030N	240E	4300930048	1025	State	GS	A
CLAY BASIN UNIT 53-S	16	030N	240E	4300930049	1025	State	GS	A
CLAY BASIN UNIT 59-S	16	030N	240E	4300930055	1025	State	GS	A
CLAY BASIN UNIT 35-S	17	030N	240E	4300930026	1025	Federal	GS	A
CLAY BASIN UNIT 40-S	20	030N	240E	4300930031	1025	Federal	GS	A
CLAY BASIN UNIT 49-S	20	030N	240E	4300930045	1025	Federal	GS	A
CLAY BASIN UNIT 2	21	030N	240E	4300915626	1025	Federal	GS	A
CLAY BASIN 24-S	21	030N	240E	4300930015	1025	Federal	GS	A
CLAY BASIN UNIT 25-S	21	030N	240E	4300930016	1025	Federal	GS	A
CLAY BASIN UNIT 26-S	21	030N	240E	4300930017	1025	Federal	GS	A
CLAY BASIN 30-S	21	030N	240E	4300930019	1025	Federal	GS	A
CLAY BASIN UNIT 33-S	21	030N	240E	4300930024	1025	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: 965003032

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:

3100
U-09712-A
et al
(U-942)
C. Seare
3/9/89

DECISION

Questar Pipeline Company : Oil and Gas Leases
P.O. Box 11450 : U-09712-A et al
Salt Lake City, Utah 84147 :

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company. Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

/s/ M. Willis

ACTING Chief, Minerals
Adjudication Section

Enclosure
List of Leases

cc: All District Offices, Utah
MMS, AFS
MMS, BRASS
920, Teresa Thompson
Clay Basin Unit File

CSeare:s1 3/9/89:1642f

RECEIVED
JAN 28 2004
DIV. OF OIL, GAS & MINING

List of Leases

Overriding Royalties

U-09712-A
U-011246

Operating Rights

SL-045051-A & B
SL-045053-A & B
SL-062508
SL-0700555
SL-070555-A
SL-045049-A & B

Clay Basin Gas Storage Agreement
Agreement No. 14-08-0001-16009



QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400
June 23, 1988

CERTIFIED MAIL

RETURNED RECEIPT REQUESTED

#P 879 571 459

Bureau of Land Management
Utah State Office
CFS Financial Center
324 S. State Street
Salt Lake City, UT 84111-2303

Re: Name Change
Mountain Fuel Resources, Inc.
to Questar Pipeline Company

REC'D JUN 28 AM 9:00
BUREAU OF LAND MANAGEMENT
SALT LAKE CITY, UTAH

Gentlemen:

Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

No wells on gas hold with CA

CA well - RT & OR'S - Mtn. Fuel Resources

U-9712-A - Questar 100%

U-11246 - Agreement pending to "Questar Energy Co"

SLC-045051(A) > OR'S

SLC-045051(B) > OR'S

SLC-045053(A) > OR'S

SLC-045053(B) > OR'S

SLC-062508 - OR'S

SLC-070555 - OR'S

SLC-070555(A) - OR'S

? Agreement No. 14-08-0001-16009
(Clay Basin Gas Storage Agreement)

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,

J. B. Neese
Senior Landman

JBN/sdg

Enclosure

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twنشp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4300915629	20	030N	240E	Clay Basin Unit 5	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915627	16	030N	240E	Clay Basin Unit 3	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930018	16	030N	240E	Clay Basin Unit 27-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930048	16	030N	240E	Clay Basin Unit 52-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930049	16	030N	240E	Clay Basin Unit 53-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930055	16	030N	240E	Clay Basin Unit 59-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930026	17	030N	240E	Clay Basin Unit 35-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930031	20	030N	240E	Clay Basin Unit 40-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930045	20	030N	240E	Clay Basin Unit 49-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915626	21	030N	240E	Clay Basin Unit 2	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930015	21	030N	240E	Clay Basin 24-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930016	21	030N	240E	Clay Basin Unit 25-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930017	21	030N	240E	Clay Basin Unit 26-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930019	21	030N	240E	Clay Basin 30-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930024	21	030N	240E	Clay Basin Unit 33-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930030	21	030N	240E	Clay Basin Unit 39-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930044	21	030N	240E	Clay Basin Unit 48-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930046	21	030N	240E	Clay Basin Unit 50-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930047	21	030N	240E	Clay Basin Unit 51-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930054	21	030N	240E	Clay Basin Unit 58-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930056	21	030N	240E	Clay Basin Unit 60-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915635	22	030N	240E	Clay Basin U 11 (RD Murphy)	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930021	22	030N	240E	Clay Basin 28-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930023	22	030N	240E	Clay Basin Unit 32-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930027	22	030N	240E	Clay Basin Unit 36-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage

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