

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
Wexpro 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 SE SE 770' FSL, 1196' FEL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
41 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)
770'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1110'
4-S

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6714'

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	320	385 sx reg G w/3% CaCl
8-3/4	7 *	23	6235	To be determined

* Will have 9-5/8", 36#, landed at 280' on top of the 7" tapered casing.
 Refer to Master Drilling Plan.

2. FORMATION TOPS: Frontier at 5630', Mowry at 5815', Dakota at 6005', and Cedar Mountain-Morrison at 6155'.

8. LOGGING, TESTING AND CORING: DLL and GR-Caliper from surface to TD.
 FDC/CNL from 4235' to TD.

No DST's, 120' core in Dakota 6000-6120'.

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.

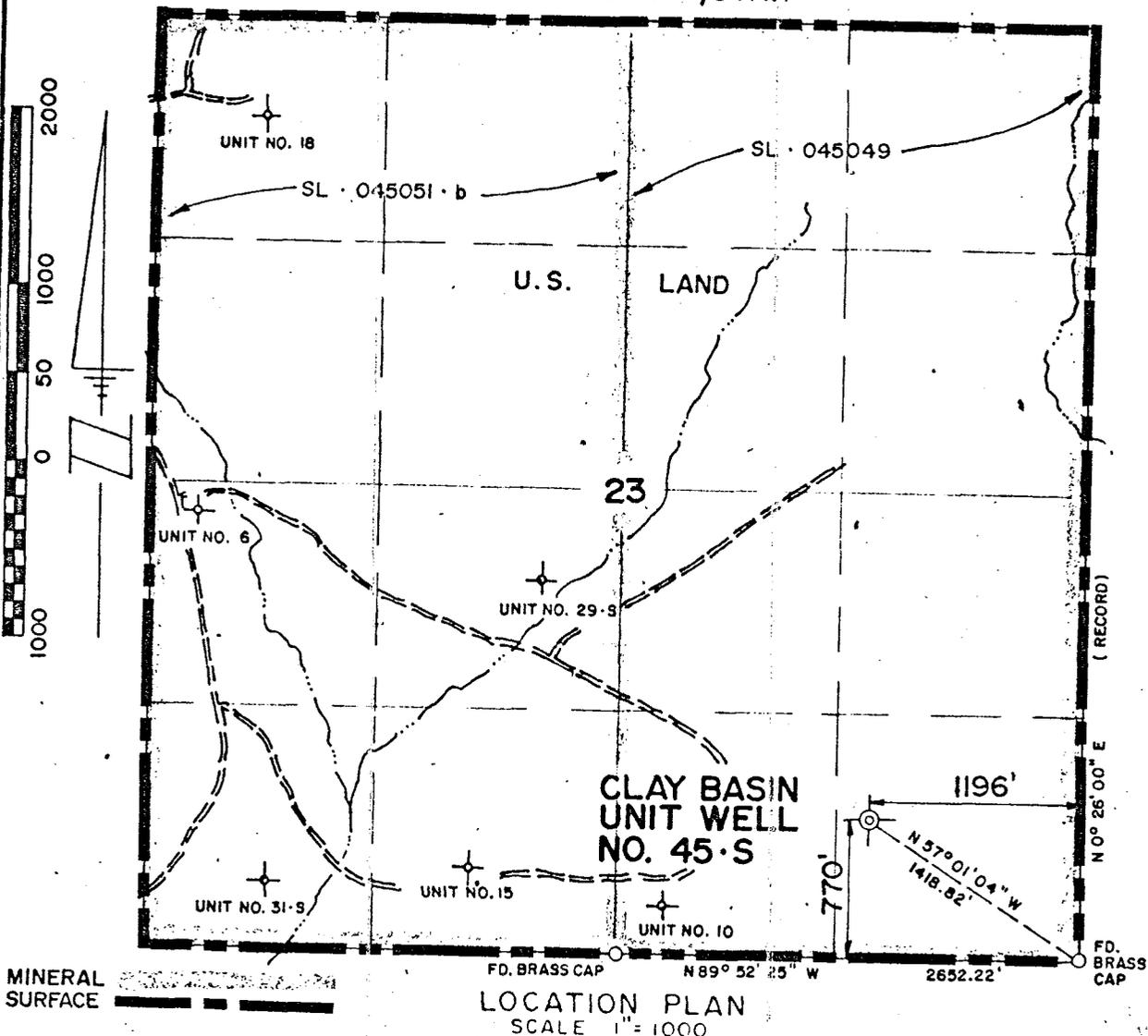
24. APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 SIGNED [Signature] TITLE Drilling Superintendent DATE July 9, 1982

PERMITTED BY: [Signature] APPROVAL DATE 7/14/82
 BY: [Signature] TITLE Director DATE 7/14/82
 CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
SL-045049
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 -
 7. UNIT AGREEMENT NAME
Clay Basin Gas Storage Agreement
 8. FARM OR LEASE NAME
Unit
 9. WELL NO.
45-S
 10. FIELD AND POOL, OR WILDCAT
Clay Basin Gas Storage
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
23-3N-24E., 6th PM
 12. COUNTY OR PARISH
Daggett
 13. STATE
Utah

Morrison

T. 3 N., R. 24 E., S. L. B. & M.
DAGGET COUNTY, UTAH



MINERAL SURFACE

LOCATION PLAN
SCALE 1" = 1000

BASIS OF BEARING: COMPANY SURVEY COORDINATE NETWORK

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.

LEGEND

- ⊕ Well
- ⊕ Stone Corner
- ⊕ Pipe Corner

Larry G. Bodyfelt
SURVEYOR

LARRY G. BODYFELT WYO. RLS NO 3507
PRACTICING IN UTAH PER TITLE 58 CHAPTER 22-21

ENGINEERING RECORD		 <p>WEXPRO COMPANY</p>	
SURVEYED BY	F.H. 6/ /82		
REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>	<p>CERTIFIED WELL LOCATION AND WELL SITE PLAN</p> <p>CLAY BASIN UNIT WELL NO. 45-S</p>	
LOCATION DATA			
FIELD	CLAY BASIN		
LOCATION:	SE1/4, SE1/4, SEC. 23, T. 3 N., R. 24 E., S.L.B. & M., 770' FSL 1196' FEL		
DAGGET COUNTY, UTAH		DRAWN: 6/7/82 KVB	SCALE: 1" = 1000
WELL ELEVATION: 6714 AS GRADED - DETERMINED BY EDM/TRIGONOMETRIC LEVELS FROM COMPANY ESTABLISHED BENCHMARK		CHECKED: <i>CKW</i>	DRWG. NO. M-20083
		APPROVED: <i>[Signature]</i>	

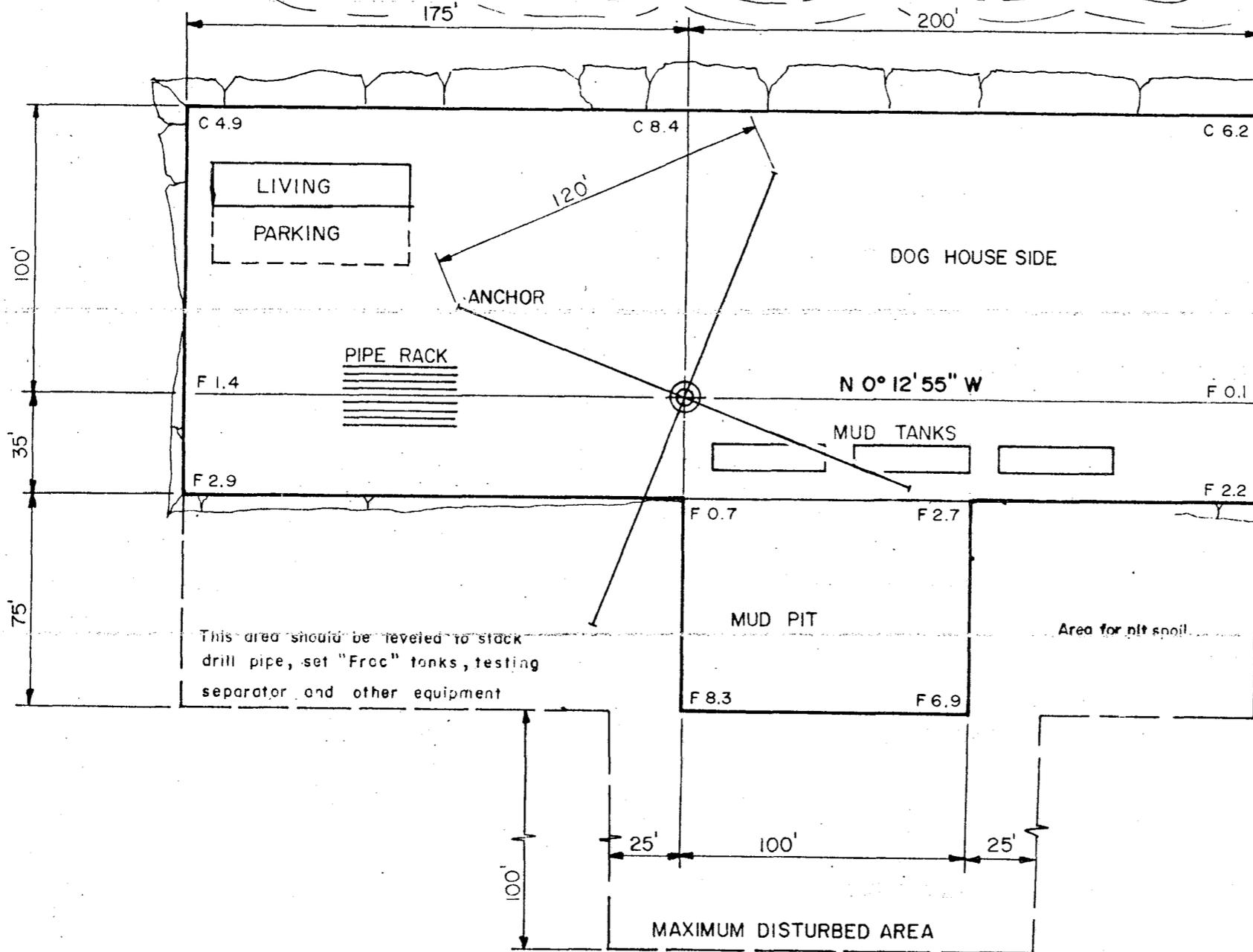
TOPSOIL TO BE USED FOR A DRAINAGE DIVERSION DIKE

AT SITES WHERE TOPSOIL IS PRESENT SAME IS TO BE REMOVED AND STORED ON THE ADJACENT LAND FOR RESTORATION AT THE SITE WHEN REQUIRED. 2018 CU. YDS. OR THE TOP 6" OF TOPSOIL IS TO BE STOCKPILED.

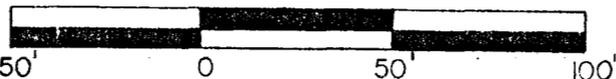
MUD PITS ARE TO BE FENCED & UNLINED.

AREA FOR WELL LOCATION IS 1.33 ACRES.

REFERENCE DRAWINGS ARE:
M-20083



SCALE 1" = 50'



CLAY BASIN UNIT WELL NO.45-S

DRWG. NO. M-20084

6/7/82 KVB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OIL & GAS DIVISION

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
 Wexpro 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 SE SE 770' FSL, 1196' FEL
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 SL-045049

6. IF INDIAN, ALLOTTEE OR TRIBAL NO.
 -

7. UNIT AGREEMENT NAME & CITY, STATE
 Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME
 Unit

9. WELL NO.
 45-S

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 23-3N-24E., 6th PM

12. COUNTY OR PARISH
 Daggett

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 41 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)
 770'

16. NO. OF ACRES IN LEASE
 1440

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.
 1110'

19. PROPOSED DEPTH
 6235

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 6714'

22. APPROX. DATE WORK WILL START*
 Upon approval

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	320	385 sx reg G w/3% CaCl
8-3/4	7 *	23	6235	To be determined

* Will have 9-5/8", 36#, landed at 280' on top of the 7" tapered casing.

Refer to Master Drilling Plan.

2. FORMATION TOPS: Frontier at 5630', Mowry at 5815', Dakota at 6005', and Cedar Mountain-Morrison at 6155'.

8. LOGGING, TESTING AND CORING: DLL and GR-Caliper from surface to TD. FDC/CNL from 4235' to TD.

No DST's, 120' core in Dakota 6000-6120'.

Subject to the Master Surface Use Plan filed in the Clay Basin Unit

When open or plug back, give data on present productive zone and proposed new productive zone. Give blowout prevention data on subsurface locations and measured and true vertical depths. Give blowout

prevention program, if any.

24. SIGNED A. J. Moore TITLE Drilling Superintendent DATE July 9, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Spad Rappan FOR E. W. GUYNN DATE AUG 2 1982
 CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

State 246

Master 10-Point Drilling Plan
Clay Basin Unit Gas Storage
Wells No. 43-S through 60-S
T.3N., R.24E.
Daggett County, Utah

1. SURFACE FORMATION: Mancos Shale.
2. FORMATION TOPS: Refer to individual Application for Permit to Drill.
3. WATER, OIL, GAS or MINERAL BEARING FORMATIONS:

The gas storage reservoir is the Dakota. Natural gas is expected in the Frontier. No water or mineral bearing formations are present.

4. CASING PROGRAM:

<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>	<u>Cement</u>
320	13-3/8	K-55	54.5	New	8rd, ST&C	385 sx reg. G w/3% CaCl
280	9-5/8	K-55	36	New	8rd, ST&C	To be determined
TD	7	K-55	23	New	8rd, LT&C	To be determined

5. PRESSURE CONTROL EQUIPMENT: (see attached diagram)
Operator's minimum specifications for pressure control equipment requires a 12-inch 3000 psi double gate blowout preventer. Surface casing and all preventer rams will be pressure tested to 1900 psi for 15 minutes using rig pump and mud. BOP's will be checked daily as to mechanical operating condition and will be tested by rig equipment after each string of casing is run. All ram type preventers will have hand wheels which will be operative at the time the preventers are installed.
6. MUD PROGRAM: Fresh water gel base mud from surface to TD. Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at the wellsite.
7. AUXILIARY EQUIPMENT:
 - a) Manually operated kelly cock
 - b) No floats at bit
 - c) Monitoring of mud system will be visual
 - d) Full opening floor valve manually operated
8. LOGGING, TESTING, AND CORING: Refer to individual Application for Permit to Drill.
9. ABNORMAL PRESSURE AND TEMPERATURE: None expected; BHT of 135°F anticipated.
10. ANTICIPATED STARTING DATE: Upon approval

DURATION OF OPERATION: Drilling time 12 days each

Completion 4 days each

** FILE NOTATIONS **

DATE: July 27, 1980
OPERATOR: Wexco Company
WELL NO: Clay Basin Unit #45-S
Location: Sec. 23 T. 3N R. 24E County: Waggett

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-009-30041

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: Gas Storage

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site
Lease Designation Ind. Plotted on Map
Approval Letter Written
Hot Line P.I.

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
JUL 19 1982
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Wexpro Company
Project Type Gas Storage Well
Project Location 770' FSL 1196' FEL Section 23, T3N, R24E
Well No. 45-5 Lease No. SL-045049
Date Project Submitted July 14, 1982

FIELD INSPECTION Date June 7, 1982

Field Inspection Participants See Attached list

Related Environmental Documents: Environmental Impact
Analysis, A proposed Gas Storage Project Mountain Fuel Resources, Inc.
11 pages, Prepared by USGS, Rock Springs and BLM, Vernal, 1976.
E.A.R. Clay Basin Gas Storage Project, ~~BLM~~
BLM, Vernal, 1976

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 16, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

JUL 21 1982
Date

WT Martin
District Supervisor
FOR E. W. GYNN
DISTRICT OIL & GAS SUPERVISOR

Proposed Actions :

Wexpro plans to drill the # 45-5 gas storage well at 6235' depth into the Dakota Formation. A new access road of 1000 feet will be required. A pad 135' by 375' with a narrow pit 75' by 100' will be constructed on the 2.2 acre requested area of operations, indicated as the anticipated maximum disturbed area in the layout diagram.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 7, 1982

Well No.: 45-5

Lease No.: SL-045049

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Location was positioned

Moved 280' South 79' East of original location
stake

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Requested 200' Move South @ PER meeting

Operator indicated, wanted to pick flattest
area near there and avoid vegetative study plot
100' East of original access road. Direct drainage
around back of pad.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	June 7 1982	
Unique charac- teristics							1, 2, 4, 6	↓	
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*

Field Inspection Participants at the
June 7, 1952 Wexpro Cnsites in Clay Basin

Greg Darlington - MMS, Vernal
Max McCoy - MMS, Vernal
Ralph H. Ft - BLM, Vernal
Keith Chapman - BLM, Vernal
Jennifer Head - Wexpro Drilling
Albert Kaiser - Wexpro Construction
Larry Bodyfelt - Wexpro Surveying
Ron Noble - Mt. Fuel Supply
Mr. De Bernardi - Mt. Fuel Supply
Fred Hanking - Wexpro Surveying

About Five other Mt. Fuel Supply employees
were looked at that day.

STANDARD STACK REQUIREMENTS

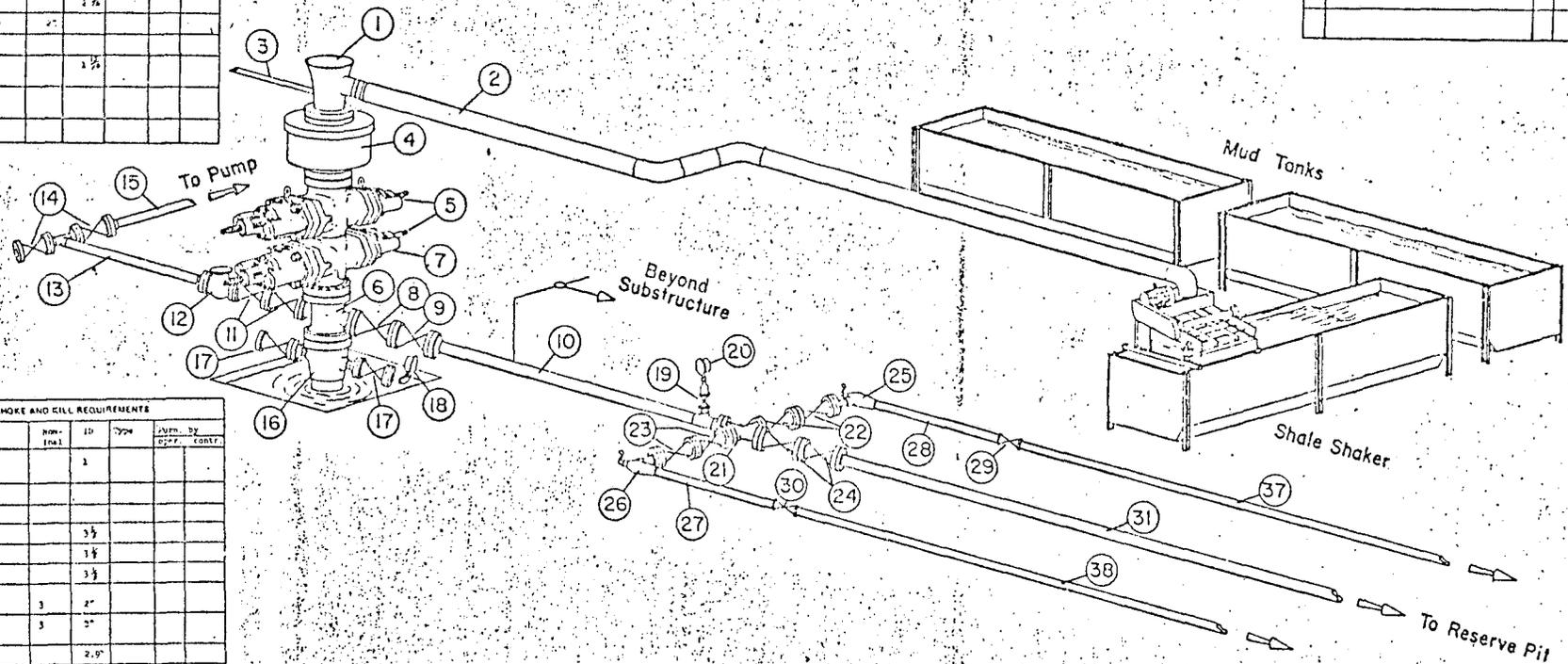
No	Item	Nom. In.	ID	Type	Drawn by
1	Swilling Riggle				
2	Flowline				
3	Fill up line	2"			
4	Hammer Preventer			Hydril Lockarm Shaffer	
5	Two floats or one dual float oper. ram			3. GRC P. 192	
6	Swilling Spool with 2" and 3" outlets			Yoked	
7	An alternate to (6) Run out Kill lines from outlets in this ram.				
8	Valve Gate	3 1/2"			
9	Valve-Hydraulically operated Gate	3 1/2"			
10	Choke line	2.9"			
11	Gate Valve	2 3/4"			
12	Choke Valve	2 3/4"			
13	Fill line	2"			
14	Valve-Gate	2 3/4"			
15	Fill line to Pump	2"			
16	Choke Head				
17	Valve Gate	1 3/4"			
18	Compound Pressure LOAD				
	Wear Bushing				

MOUNTAIN FUEL SUPPLY COMPANY

3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL CHOKES AND KILL REQUIREMENTS

SPECIAL STACK REQUIREMENTS



SPECIAL CHOKES AND KILL REQUIREMENTS

No	Item	Nom. In.	ID	Type	Drawn by
19	Valve Gate	1			
20	Compound Pressure				
21	Choke 3 7/8"				
22	Valve Gate	3 1/2"			
23	Valve Gate	3 1/2"			
24	Valve Gate	3 1/2"			
25	Choke line	3	2"		
26	Three line	3	2"		
27	Line to Separator		2.9"		
28	Line to separator		2.9"		
29	Valve Gate		1 3/4"		
30	Valve Gate		3 1/2"		
31	Line to Res. Pit		2.9"		
32	Line to Res. Pit		2.9"		

NOTICE OF SPUD

Company: Wexbro

Caller: Paul Zubatch

Phone: 307-382-9791

Well Number: Clay Basin Gas Storage 45-S

Location: SESE ^{Sec. 23} 3N 24E

County: Daggett State: Utah

Lease Number: SL 045049

Lease Expiration Date: _____

Unit Name (If Applicable): Clay Basin

Date & Time Spudded: 8/26/82 3:00pm

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: Allwestern Rig #2

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: Becky George

Date: August 27, 1982

Well File
State Oil & Gas ✓
Vernal mms
Teresa
Diane

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: WEXPRO

WELL NAME: Clay Basin Unit Well 45-S

SECTION SESE 23 TOWNSHIP 3N RANGE 24E COUNTY Daggett

DRILLING CONTRACTOR All Western

RIG # 2

SPUDED: DATE 8-26-82

TIME 3:00 PM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Paul Zubatch

TELEPHONE # 307-382-9791

DATE August 27, 1982 SIGNED SLC

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

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 Form 9-331-C for such proposals.)

1. oil well gas well other Gas Storage

2. NAME OF OPERATOR
Wexpro Company

3. ADDRESS OF OPERATOR
P. O. Box 458, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE SE 770' FSL, 1196' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

15. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Supplementary History <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

TD 6250', rig released 9-4-82, waiting on completion tools.

Spudded August 26, 1982 at 3:00 p.m., landed 13-3/8" OD, 54.5#, K-55, 8rd thd, ST&C casing at 339.78' KBM, set with 400 sacks type G cement with 2% calcium chloride and 1/4# flocele per sack, returned 30 barrels cement to surface, cement in place August 21, 1982.

Landed 7" OD, 23#, and 9-5/8" OD, 36#, K-55, 8rd thd, ST&C casing at 6238.52' KBM, set with 400 sacks 50-50 Pozmix A with 2% gel and 18% salt, good returns, floating equipment held OK, cement in place September 4, 1982.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Lee Martin TITLE Asst Dirg Supt DATE 9-29-82

(This space for Federal or State office use)

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

5. LEASE SL-045049

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME
Unit

9. WELL NO.
45-S

10. FIELD OR WILDCAT NAME
Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
23-3N-24E., SLB&M

12. COUNTY OR PARISH
Daggett

13. STATE
Utah

14. API NO.
43-009-30041

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 6727.30' GR 6714'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

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 Form 9-331-C for such proposals.)

1. oil well gas well other Gas Storage

2. NAME OF OPERATOR
Wexpro Company

3. ADDRESS OF OPERATOR
P. O. Box 458, Rock Springs, Wyoming 82901

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AT SURFACE: SE SE 770' FSL, 1196' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Supplementary History <input type="checkbox"/>	<input checked="" type="checkbox"/>

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

TD 6250', PBD 6212', perforations 5971-6094' gross, well shut in.
Rigged up work over, perforated the following intervals with 2 holes per foot: 5971-5975', 5981-5993', 5996-6006', 6008-6022', 6041-6058', 6060-6070', 6076-6094', set packer at 5871', landed 4-1/2" tubing at 5873.47', released rig.
Final report.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED A. J. Maus TITLE Drig Supt DATE Oct. 21, 1982

(This space for Federal or State office use)

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

5. LEASE
SL-045049

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Clay Basin Gas Storage Agreement

8. FARM OR LEASE NAME
Unit

9. WELL NO.
45-S

10. FIELD OR WILDCAT NAME
Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
23-3N-24E., SLB&M

12. COUNTY OR PARISH
Dagget

13. STATE
Utah

14. API NO.
43-009-30041

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 6727.30' GR 6714'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

16

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
Wexpro Company

3. ADDRESS OF OPERATOR
P. O. Box 458, Rock Springs, Wyoming 82501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE SE 770' FSL, 1196' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. - DATE ISSUED -

API #: 43-009-30041

15. DATE SPUNDED 8-26-82 16. DATE T.D. REACHED 9-3-82 17. DATE COMPL. (Ready to prod.) 10-9-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 6727.30' GR 6714' 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6250 21. PLUG, BACK T.D., MD & TVD 6212 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS 0-6250 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5971-5975', 5981-5993', 5996-6006', 6008-6022', 6041-6058', 6060-6070', 6076-6094' - Dakota 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CNL/FDC 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
13-3/8	54.5	339.78	17-1/2	400	0
7 & 9-5/8	23 & 36	6,238.52	8-3/4	400	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	5873.47	5871

31. PERFORATION RECORD (Interval, size and number) 5971-5975', 5981-5993', 5996-6006', 6008-6022', 6041-6058', 6060-6070', 6076-6094', 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)
-	Gas storage	Shut in

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

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

SIGNED Thomas C. Smith TITLE Director, Petroleum Engrg DATE Oct. 21, 1982

*(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:

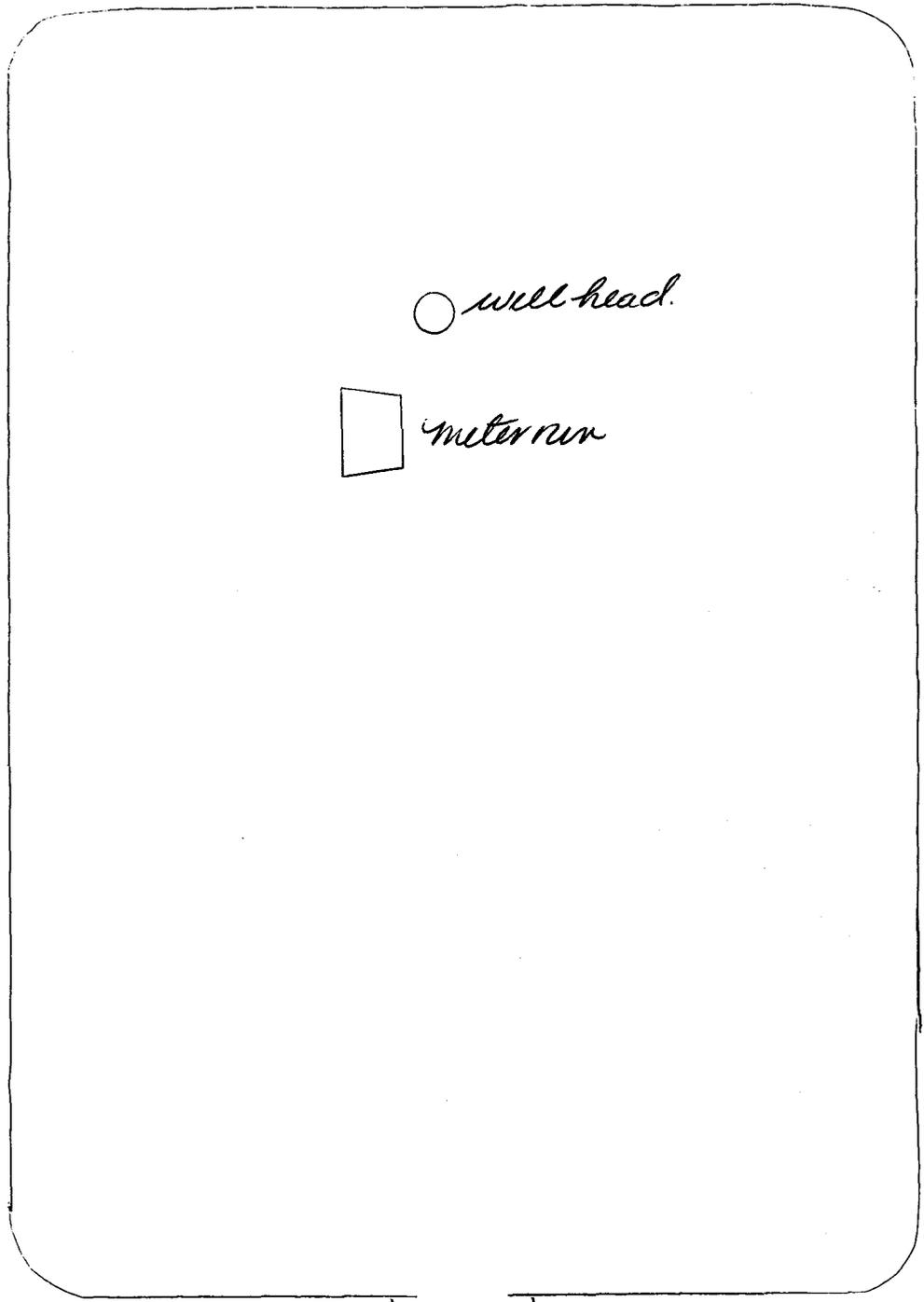
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				38.		
			Log tops:			
			Mancos		0'	
			Frontier		5,617	
			Mowry		5,788	
			Dakota		5,971	
			Morrison		6,095'	

Clay Basin Unit #458 Sec 23, 3N, 24E

B. H.

14 June 88



○ well head

□ meter run

access road

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 3 SQUARE
42-383 200 SHEETS 3 SQUARE
42-384 200 SHEETS 5 SQUARE
NATIONAL
MADE IN U.S.A.



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 MGMT
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:

now with on gas hold.
with CA - U-9712-A - Questar 100%
CA well - RT - OR's Mt. Fuel Resources - U-011246 - *Asgmt 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

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

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

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): N1070-Wexpro Company PO Box 45360 Salt Lake City, UT 84145-0360 Phone: 1-(801) 534-5267	TO: (New Operator): 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
CLAY BASIN UNIT 39-S	21	030N	240E	4300930030	1025	Federal	GS	A
CLAY BASIN UNIT 48-S	21	030N	240E	4300930044	1025	Federal	GS	A
CLAY BASIN UNIT 50-S	21	030N	240E	4300930046	1025	Federal	GS	A
CLAY BASIN UNIT 51-S	21	030N	240E	4300930047	1025	Federal	GS	A
CLAY BASIN UNIT 58-S	21	030N	240E	4300930054	1025	Federal	GS	A
CLAY BASIN UNIT 60-S	21	030N	240E	4300930056	1025	Federal	GS	A
CLAY BASIN U 11 (RD MURPHY 6-W)	22	030N	240E	4300915635	1025	Federal	GS	A
CLAY BASIN 28-S	22	030N	240E	4300930021	1025	Federal	GS	A
CLAY BASIN UNIT 32-S	22	030N	240E	4300930023	1025	Federal	GS	A
CLAY BASIN UNIT 36-S	22	030N	240E	4300930027	1025	Federal	GS	A
CLAY BASIN UNIT 54-S	22	030N	240E	4300930050	1025	Federal	GS	A
CLAY BASIN U 6 (RD MURPHY 3)	23	030N	240E	4300915630	1025	Federal	GS	A
CLAY BASIN U 10 (1 CL SPARKS)	23	030N	240E	4300915634	1025	Federal	GS	A
CLAY BASIN UNIT 29-S	23	030N	240E	4300930020	1025	Federal	GS	A
CLAY BASIN UNIT 31-S	23	030N	240E	4300930022	1025	Federal	GS	A
CLAY BASIN UNIT 44-S	23	030N	240E	4300930040	1025	Federal	GS	A
CLAY BASIN UNIT 45-S	23	030N	240E	4300930041	1025	Federal	GS	A
CLAY BASIN UNIT 57-S	24	030N	240E	4300930053	1025	Federal	GS	A
CLAY BASIN UNIT 41-S	26	030N	240E	4300930032	1025	Federal	GS	A
CLAY BASIN UNIT 42-S	26	030N	240E	4300930033	1025	Federal	GS	A
CLAY BASIN UNIT 43-S	26	030N	240E	4300930039	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:

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twncshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4300930050	22	030N	240E	Clay Basin Unit 54-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915630	23	030N	240E	Clay Basin U 6 (RD Murphy)	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915634	23	030N	240E	Clay Basin U 10 (1 CL Sparks)	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930020	23	030N	240E	Clay Basin Unit 29-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930022	23	030N	240E	Clay Basin Unit 31-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930040	23	030N	240E	Clay Basin Unit 44-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930041	23	030N	240E	Clay Basin Unit 45-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930053	24	030N	240E	Clay Basin Unit 57-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930032	26	030N	240E	Clay Basin Unit 41-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930033	26	030N	240E	Clay Basin Unit 42-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930039	26	030N	240E	Clay Basin Unit 43-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930042	26	030N	240E	Clay Basin Unit 46-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930051	26	030N	240E	Clay Basin Unit 55-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930052	26	030N	240E	Clay Basin Unit 56-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915628	27	030N	240E	Clay Basin U 4 (ES Lauzer 1)	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930025	27	030N	240E	Clay Basin Unit 34-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930028	27	030N	240E	Clay Basin Unit 37-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930029	27	030N	240E	Clay Basin Unit 38-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930043	27	030N	240E	Clay Basin Unit 47-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