

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 SW NE 2555' FNL, 877' 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) 443'  
16. NO. OF ACRES IN LEASE 640

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1360'  
Unit 30-S  
19. PROPOSED DEPTH 5885

21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6446'  
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	5,885	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 5250', Mowry at 5425', Dakota at 5610', and Cedar Mountain-Morrison at 5805'.

8. LOGGING, TESTING AND CORING: DLL and GR-Caliper from surface to TD. FDC/CNL from 3885' to TD.

No DST's or coring.

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

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

24. SIGNED *D. J. Mace* TITLE Drilling Superintendent DATE July 9, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY *David Coffey* FOR E. W. GUYNN  
CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR DATE AUG 2 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*State Oil & Gas*

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

MINERAL & ENERGY 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 2555' FNL 877' FEL Section 21, T3N, R24E  
Well No. 58-5 Lease No. SL-045051-A  
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. - USGS, Lock Springs and BLM, Kernad 1976  
EKR Clay Basin Storage Project, BLM, Kernad 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

W. W. Mauter  
FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR  
District Supervisor

### Proposed Actions :

Wexpro plans to drill the # 58-5 gas storage well, at 5885 foot depth ~~00~~ in the Dakota formation. A new access road of 1300' length will be required. A pad 135' by 325' and a reserve pit of 75' by 100' are planned for construction in the 2.2 acre requested area of operations.

### 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 log 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.: 58-5

Lease No.: SL-045051-A

Approve Location:  as modified

Approve Access Road:  as modified

Modify Location or Access Road: Location moved 130' South 73' East from original to lessen visual impacts and reduce cut and fill access road moved to avoid a section corner.

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)

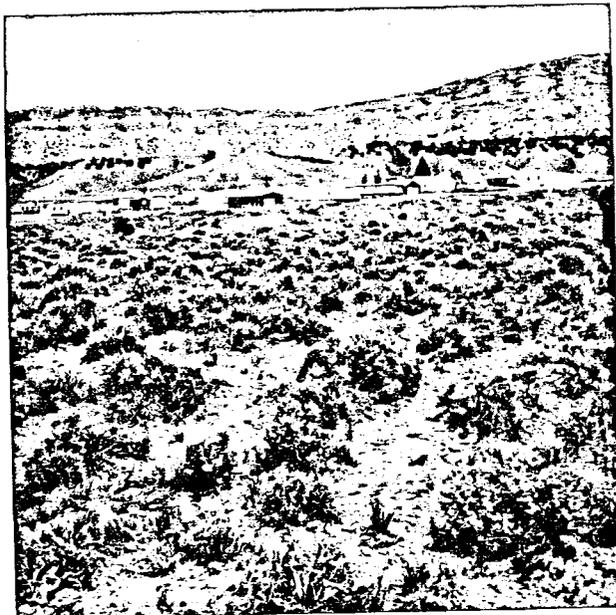
Very close to the Clay Basin Camp. Residents may be bothered by rig noises somewhat during drilling. The lateral flowline goes to #48-5 then proceeds to the Kaster Station.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	June 7 1982	
Unique characteristics							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.*



Clay Basin Camp  
From Wexp #1 58

Field Inspection Participants at the  
June 7, 1982 Wexpro Cnsites in Clay Basin

Greg Darlington - MMS, Vernal  
Max McCoy - MMS, Vernal  
Ralph Heft - 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  
also accompanied us to most of the locations which  
were looked at that day.



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-801

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

July 26, 1982



Ed Guynn, District Engineer  
Mineral Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: WEXPRO Company  
Clay Basin Gas Storage Wells  
Wells: 48, 50, 51, 58, 60.

Dear Mr. Guynn:

This is to inform you that we received from WEXPRO their Master Plan of Development for the above referenced gas storage wells in the Clay Basin area of Daggett County, Utah. We are in concurrence with this master plan and recommend clearance for their locations.

Please contact Gary Slagel should there be any questions.

Sincerely,

Ralph J. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: ✓ MMS, Vernal  
WEXPRO, Rock Springs

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

CHECKLIST 3000psi EQUIPMENT

Contractor and operator to furnish items checked (x)

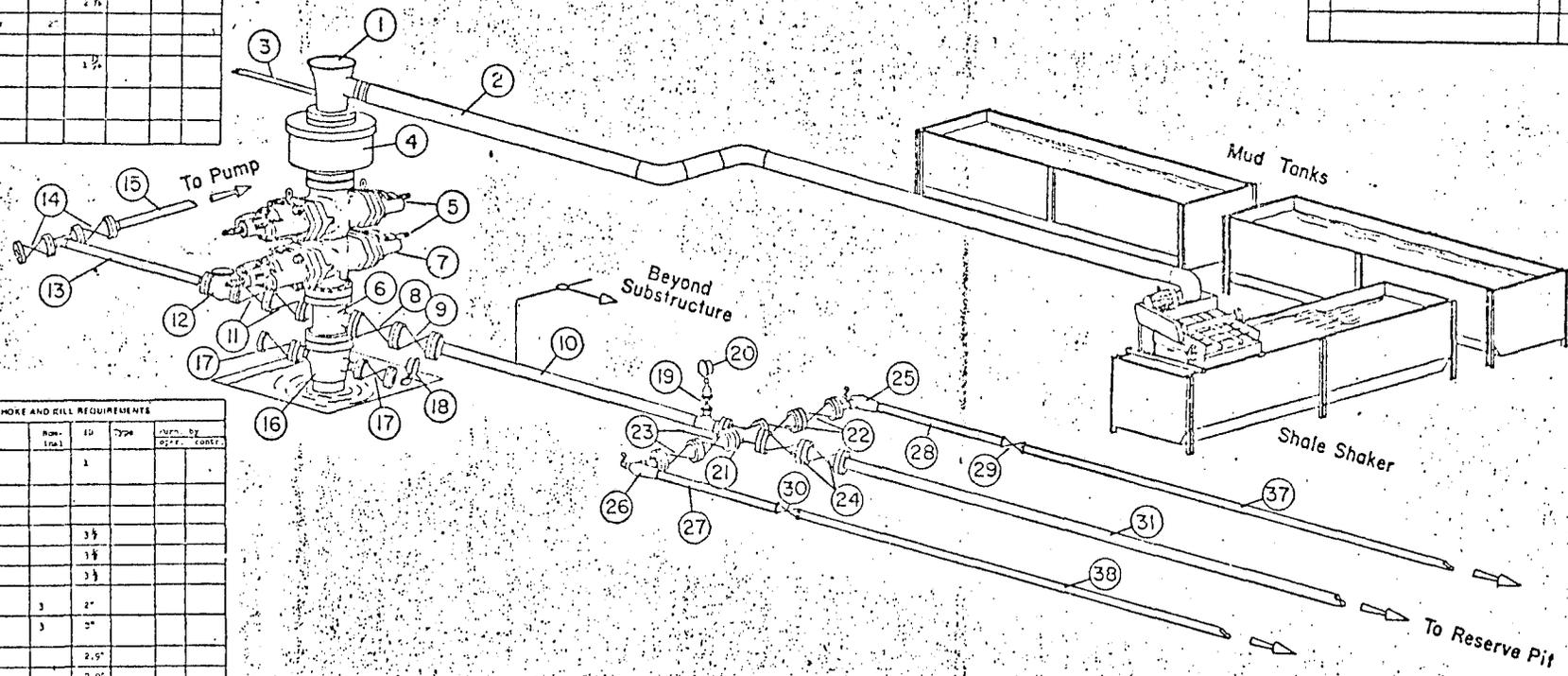
STANDARD STACK REQUIREMENTS					
No.	Item	Nom. In.	ID	Type	Run by
					11/27/77
1	Drilling Rig				
2	Flowline				
3	Fill up line	2"			
4	Rotular preventer			Spill Leakoff Shaffer	
5	Two single or one dual 40T open rams			U. W.C. P. LM2	
6	Wellhead spool with 2" and 1" outlets			Yargan	
7	As alternate to (6) run and fill lines from outlets in this row.				
8	Valve Gate	3 1/2"			
9	Valve-Mechanically overhead gate	3 1/2"			
10	Choke Line	2.9"			
11	Gate Valves	2.9"			
12	Choke Valve	2.9"			
13	Fill line	2"			
14	Valve-gate	4.75"			
15	Fill line to Pump	2"			
16	Casing Head				
17	Valve Gate Size	1 1/2"			
18	Compound Pressure Gauge				
	NEAR BURNING				

# MOUNTAIN FUEL SUPPLY COMPANY

## 3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL CHOKES AND RILL REQUIREMENTS


SPECIAL STACK REQUIREMENTS

STANDARD CHOKES AND RILL REQUIREMENTS

No.	Item	Nom. In.	ID	Type	Run by
					11/27/77
19	Valve Gate Plug	1			
20	Compound Pressure				
21	Choke 375				
22	Valve Gate	3 1/2"			
23	Valve Gate	3 1/2"			
24	Valve Gate	3 1/2"			
25	Choke line N2 or equivalent	3	2"		
26	Choke line N2 or equivalent	3	2"		
27	Line to Separator		2.5"		
28	Line to separator		2.9"		
29	Valve Gate		1 1/2"		
30	Valve Gate		1 1/2"		
31	Line to Res. Pit		2.9"		
32	Line to Res. Pit		2.9"		
33	Line to Res. Pit		2.9"		

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 PIT ARE TO BE FENCED & UNLINED.

AREA FOR WELL LOCATION IS 1.33 ACRES.

REFERENCE DRAWINGS ARE:  
M-20065

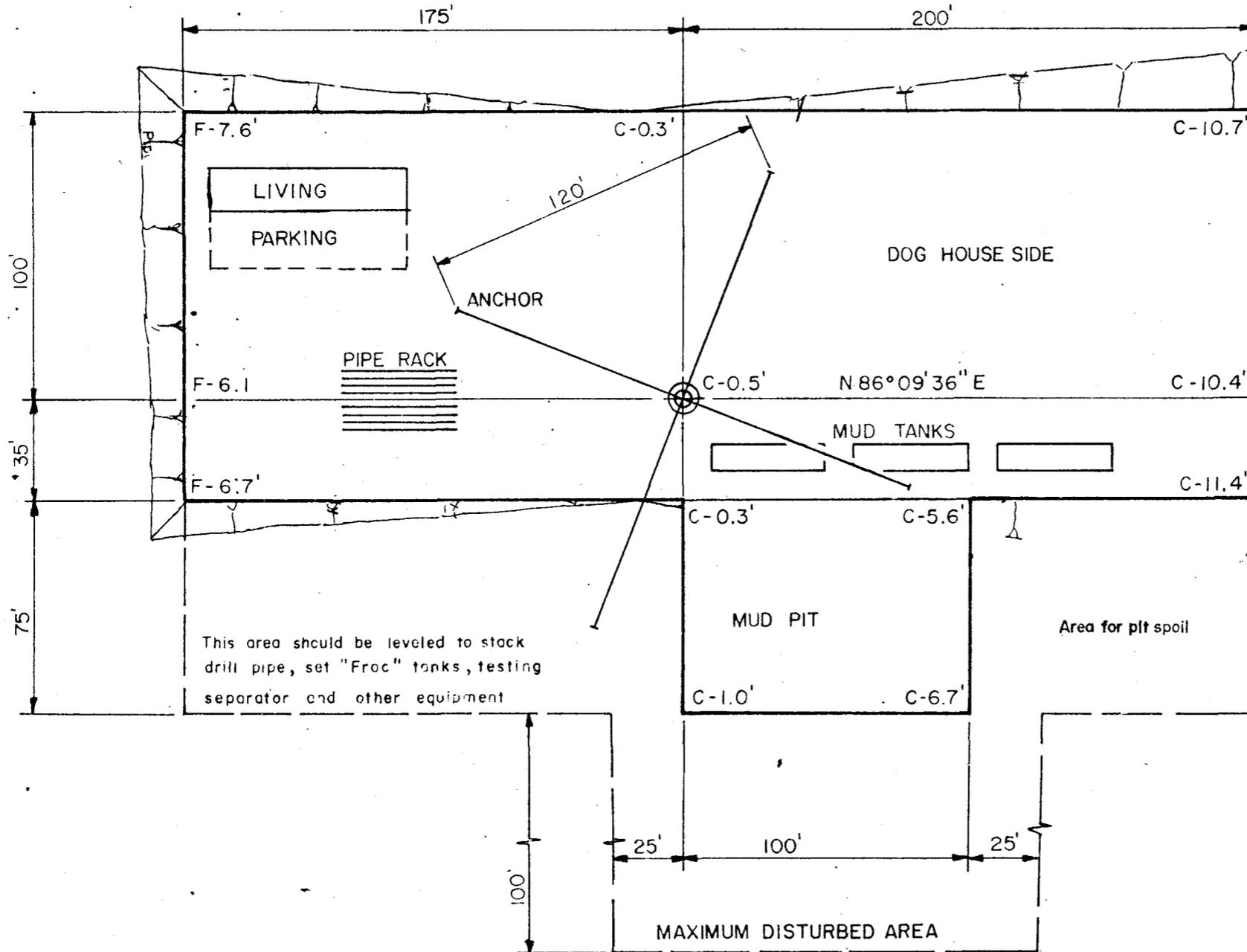
PROPOSED ACCESS ROAD

TOPSOIL STOCKPILE

CLAY BASIN UNIT WELL NO. 58-S

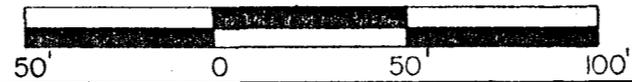
DRWG. NO. M-20066

6/7/82 KVB



This area should be leveled to stack drill pipe, set "Frac" tanks, testing separator and other equipment

SCALE 1" = 50'



July 9, 1982

WEXPRO COMPANY

Surface Use and Operations Plan

Site Specific Items

Clay Basin Unit Wells 43-S through 60-S

- Well 47-S: A low water crossing will be constructed to cross Clay Basin Creek.
- Well 52-S: The powerline will be relocated to eliminate the safety hazard during drilling. The reserve pit will be designed so that it will be kept out of the wash on the south side of the location.
- Well 58-S: The access road will be located so that the section corner will be preserved.

Only the three wells identified above require site specific attention. Operations on the remaining 15 wells are covered in the Master Surface Use and Operations Plan.

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 ~~SW NE~~ 2555' FNL, 877' FEL  
 At proposed prod. zone ~~SW NE~~ **SENE**

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

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.  
 58-S

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 21-3N-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)  
 443'

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.  
 1360'  
 Unit 30-S

19. PROPOSED DEPTH  
 5885

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 6446'

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	5,885	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 5250', Mowry at 5425', Dakota at 5610', and Cedar Mountain-Morrison at 5805'.

8. LOGGING, TESTING AND CORING: DLL and GR-Caliper from surface to TD.  
 FDC/CNL from 3885' to TD.

No DST's or coring.

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. SIGNATURE *P. J. Mason* TITLE Drilling Superintendent DATE July 9, 1982

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

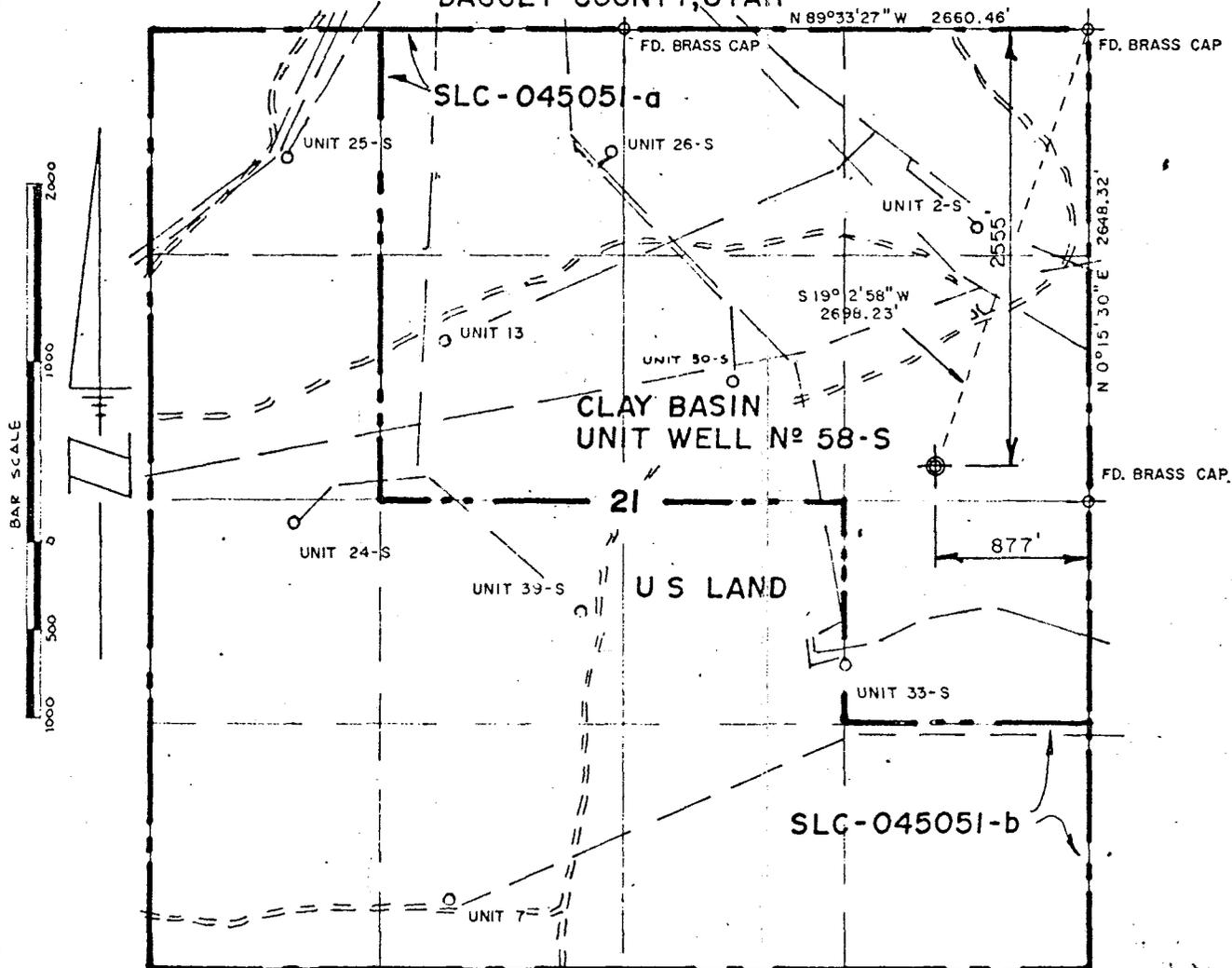
PERMIT NO. \_\_\_\_\_ APPROVAL DATE 7/14/82

DATE: *Alan B. Fisher* TITLE Director DATE 7/14/82

CONDITIONS OR APPROVAL, IF ANY: \_\_\_\_\_

ON SENE

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	
SURVEYED BY	F.H. 6/1/82
REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>
LOCATION DATA	
FIELD	CLAY BASIN
LOCATION: SE 1/4 NE 1/4, SEC. 21, T.3N., R.24E., SLBIM 2555' FNL 877' FEL	
DAGGET COUNTY, UTAH	
WELL ELEVATION: 6446 As graded by E.D.M. Trig. Levels From Company Bench Mark	

<b>WEXPRO COMPANY</b>	
CERTIFIED WELL LOCATION AND WELL SITE PLAN <b>CLAY BASIN UNIT WELL NO. 58-S</b>	
DRAWN: 6/7/82 KVB	SCALE: 1" = 1000
CHECKED: CRW	DRWG. NO. <b>M-20065</b>
APPROVED: <i>[Signature]</i>	

\*\* FILE NOTATIONS \*\*

DATE: July 21, 1982  
OPERATOR: Wexpro Company  
WELL NO: Clay Basin Unit # 58-S  
Location: Sec. 21 T. 3N R. 24E County: Waggett

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

API Number 43-009-300<sup>54</sup>

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
Director: \_\_\_\_\_  
Administrative Aide: Leo Howard

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  Plotted on Map   
Approval Letter Written   
Hot Line  P.I.

NOTICE OF SPUD

Company: Valpro

Caller: \_\_\_\_\_

Phone: 307-382-9791

Well Number: 58-5

Location: SW NE 21 3N-24E

County: Waggoner State: OK

Lease Number: SH-045051-a

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): 58-5 Clay Basin

Date & Time Spudded: 10-17-82 2:30 AM

Dry Hole Spudded/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) 1415' Drilling

Rotary Rig Name & Number: Alveston #2

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: Al Lewis

Date: 10-18-82

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Wexpro

WELL NAME: Clay Basin 58S

SECTION SENE 21 TOWNSHIP 3 N RANGE 24 E COUNTY Daggett

DRILLING CONTRACTOR All Western Drilling

RIG # 2

SPUDDED: DATE 10-17-82

TIME 2:30 AM

How Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Paul Zubatch

TELEPHONE # 307-382-9791

DATE 10-18-82

SIGNED AS

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.)

5. LEASE	SL 045051-1a
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.	58-S
10. FIELD OR WILDCAT NAME	Clay Basin
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA	21-3N-24E., SLB&M
12. COUNTY OR PARISH	Daggett
13. STATE	Utah
14. API NO.	43-009-30054
15. ELEVATIONS (SHOW DF, KDB, AND WD)	KB 659.30' GR 6446'

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: SW NE 2555' FNL, 877' 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 checked="" type="checkbox"/>	X

RECEIVED  
NOV 2 5 1982  
DIVISION OF  
OIL, GAS & MINING

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

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 5890', PBD 5820', spudded October 17, 1982 at 2:30 a.m., landed 13-3/8" OD, 61#, K-55, 8rd thd, ST&C casing at 333.58' KBM, set with 400 sacks regular H cement with 2% calcium chloride and 1/4# flocele per sack, good returns throughout, cement in place October 11, 1982; landed 7" OD, 23#, and 9-5/8" OD, 36#, K-55, 8rd thd, ST&C casing at 5891.57' KBM, set with 425 sacks 50-50 Pozmix cement with 2% gel and 18% salt, good returns, floats held OK, cement in place October 24, 1982, rig released October 24, 1982; rigged up work over unit, perforated 5641' to 5647' and from 5653' to 5666' with 2 holes per foot, set packer at 5550', now running tubing.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED C. J. Maser TITLE Drilling Supt. DATE November 17, 1982

(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

25P  
38

5. LEASE DESIGNATION AND SERIAL NO.

SL - 045051-a

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Clay Basin Gas Storage

8. FARM OR LEASE NAME

Unit

9. WELL NO.

58-S

10. FIELD AND POOL, OR WILDCAT

Clay Basin - Dakota

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

21-3N-24E., SLB&M

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

19. ELEV. CASINGHEAD

-

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

KB 6459.30' GR 6446'

23. INTERVALS DRILLED BY

0 - 5890

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, CNL/FDC

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	61	333.58	17-1/2	400	0
7 & 9-5/8	23 & 36	5891.57	8-3/4	425	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					4-1/2	5567.33	5550

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5641-5647', 5653-5666', 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)

Gas Storage

WELL STATUS (Producing or shut-in)

Shut in

DATE OF TEST

HOURS TESTED

CHOKER 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.)

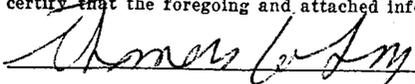
TEST WITNESSED BY

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



TITLE Director, Petroleum Engrg

DATE 11-30-82

\*(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.

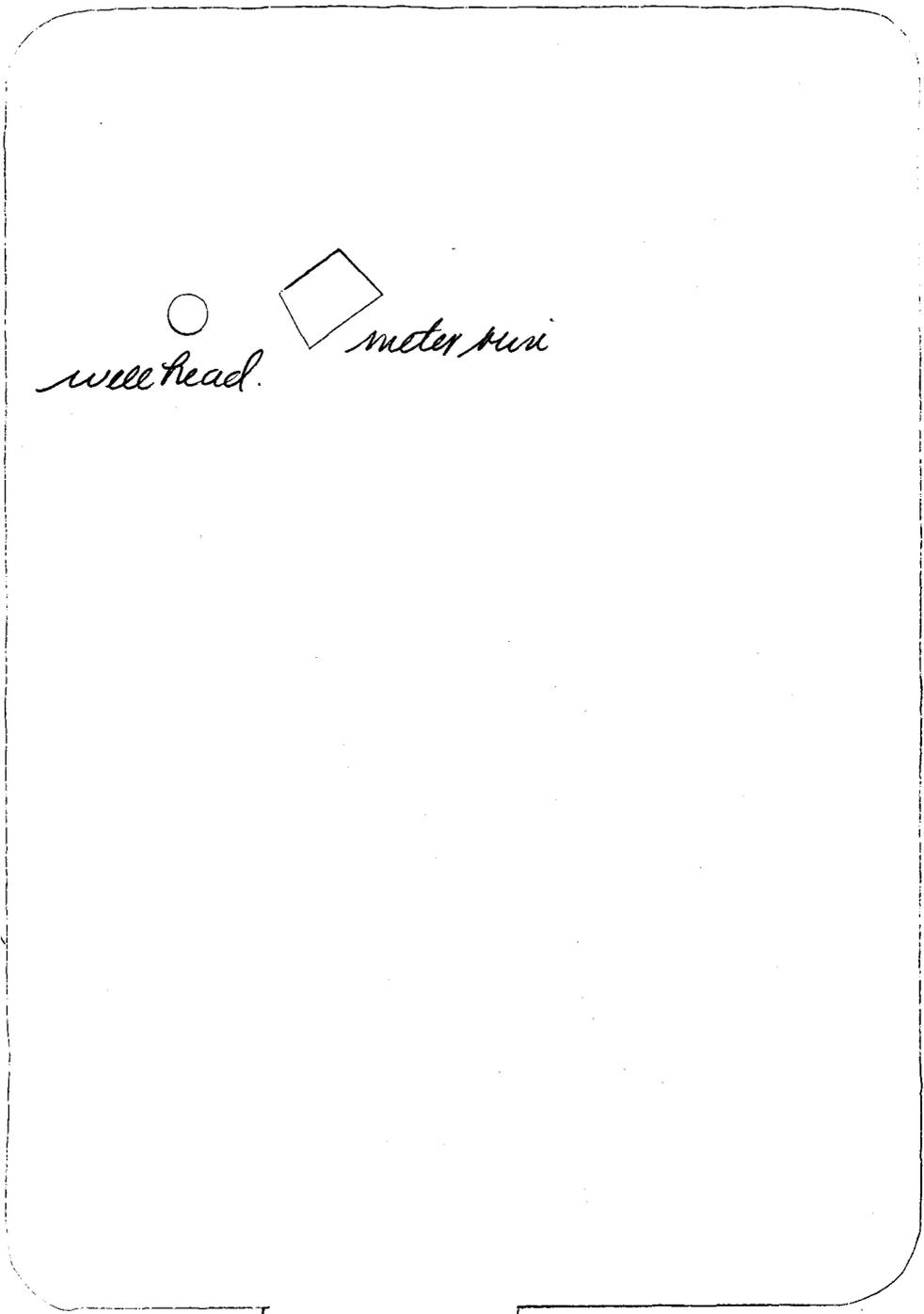
**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		MEAS. DEPTH	TRUE VERT. DEPTH
Log tops:			
	0'		
	5,273		
	5,449		
	5,641		
	5,781'		
	Mancos		
	Frontier		
	Mowry		
	Dakota		
	Morrison		

Clay Basin U# 58- Sec 21, 3N, 24E

Kobly 15 June 88

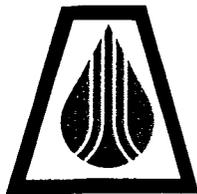


well head.

meter run

access

42-381 100 SHEETS 5 SQUARE  
42-382 150 SHEETS 5 SQUARE  
42-383 200 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

REC'D JUN 28 AM 9 00  
BUREAU OF LAND MGMT  
SALT LAKE CITY, UT

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

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 holds on gas field w/in CA* - U<sup>D</sup>9712-A - Questar 100%  
 CA well - RT 5 OR'S - Mt. Fuel Resources - U-11246 ITA signed 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)  
*Vernal*

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**

<b>FROM: (Old Operator):</b> N1070-Wexpro Company PO Box 45360 Salt Lake City, UT 84145-0360 Phone: 1-(801) 534-5267	<b>TO: ( New Operator):</b> 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

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