

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED OIL & GAS SUB REPORT /abd

* Location Abandoned - Well never drilled - 9-29-82
 * Later drilled under 4303730910.

DATE FILED 5-27-81

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-46740 INDIAN

DRILLING APPROVED: 11-12-81 / 12-9-81

SPOUDED IN:
 COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED LA 9-29-82

FIELD: WILDCAT 786

UNIT:

COUNTY: SAN JUAN

WELL NO: COAL BED FEDERAL #1 APINO. 43-037-30746

LOCATION 1945 FT FROM (N) LINE. 210 FT FROM (E) LINE. SE NE 1/4 - 1/4 SEC. 8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				35S	26E	8	STANDARD ENERGY CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL DEEPEN PLUG BACK

b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

STANDARD ENERGY CORPORATION

3. ADDRESS OF OPERATOR

231 West 800 South
Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface

Section 8, SE 1/4, T 35 S, R 26 E, SLM

At proposed prod. zone

5,500' Top of the Salt 210 FEL 1945 FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 18 miles SE of Monticello

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

210 FEL 1945 FNL

16. NO. OF ACRES IN LEASE

3,510.39

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

5,500' - 6000'

20. ROTARY OR CABLE TOOLS

Rotary

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

6340'

8500

22. APPROX. DATE WORK WILL START*

June 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM
As per NTL-6 10-Point Plan

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" NEW	60# K-55	50'	30 AX
12 1/4"	9 5/8" New	36# K-55	1000'	1200 AX Class G
8 1/4"	5 1/2" New	17# K-55	6000'	450 AX Class G or equivalent to be determined

Propose to drill 5,500' Salt Test Well.
See attached NTL-6 Report Consisting of:

- 1) 10-Point Compliance Report
- 2) 13-Point Surface Use Plan
- 3) Blowout Preventer Scheme
- 4) Road Access and Closet live water
- 5) Lease Boundry
- 6) Pad Topography
- 7) Cross section
- 8) Rig Layout and Camp
- 9) Rat and Mouse Hole Detail
- 10) Production facilities Layout

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

DATE: 11/12/81

BY: [Signature]

UTAH DIVISION of OIL, GAS & MINING
1588 W. NORTH TEMPLE
SALT LAKE CITY, UT. 84116

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.

SIGNED [Signature] TITLE Vice President

DATE 5-27-81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

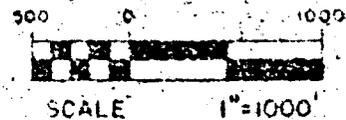
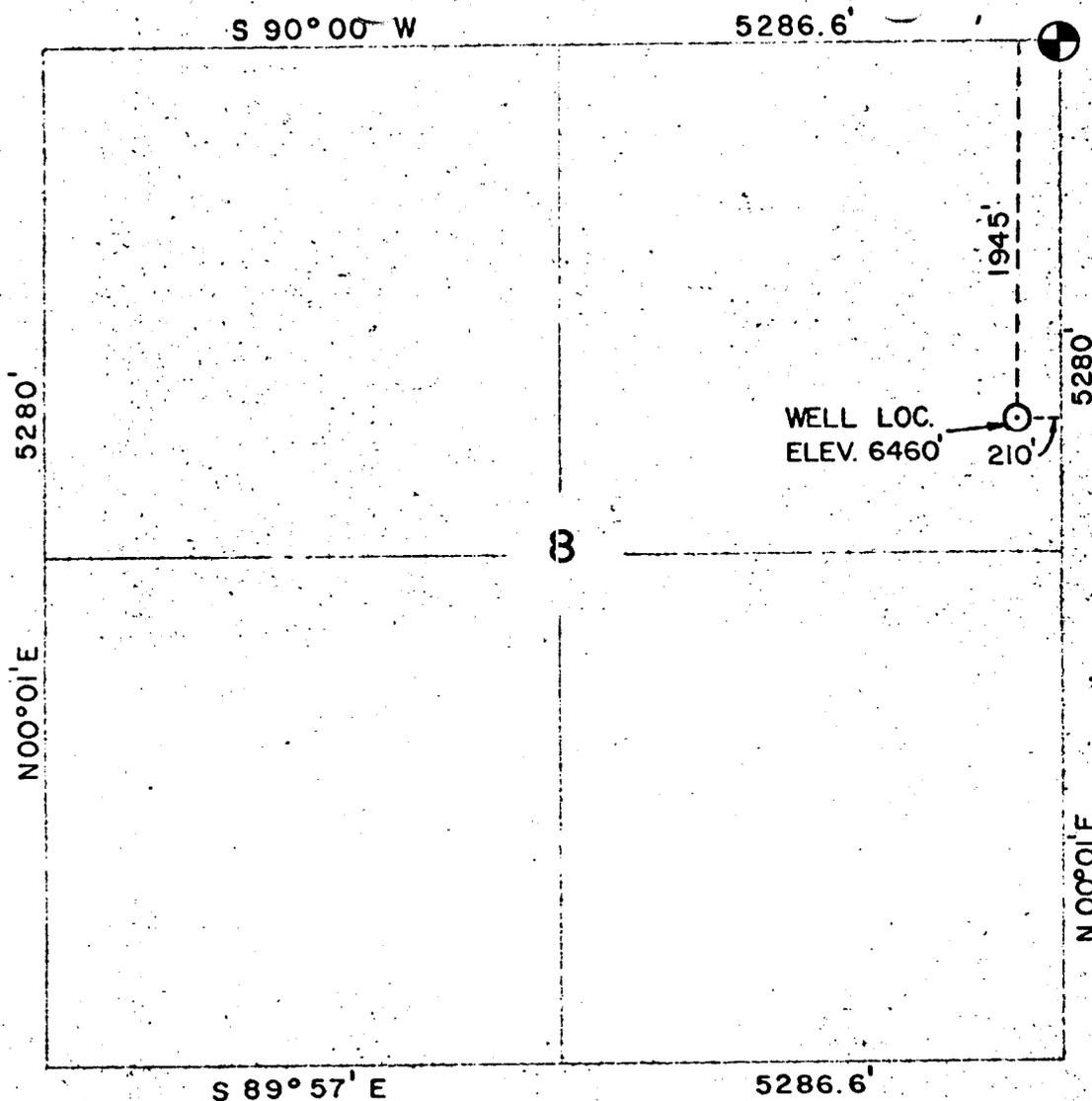
APPROVED BY [Signature] TITLE District Supervisor

DATE 7/15/81

CONDITIONS OF APPROVAL, IF ANY:

STIPULATIONS
ATTACHED

OPERATOR'S COPY



LEGEND

FD. USGLO BRASS CAP

BASIS OF BEARING:
Solar Observation.

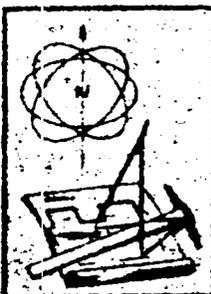
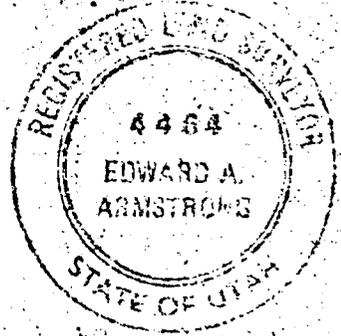
WELL LOCATION
1945 FT. S.N.L. — 210 FT. W.E.L.
SECTION 8, T.35 S., R.26 E., SLB & M
SAN JUAN COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong

EDWARD A. ARMSTRONG P.E. & L.S. 4464



ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861	
SCALE 1"=1000'	STANDARD ENERGY CO. COAL BED FED. #1
DATE 5/13/81	
DRAWN BY BKA	
CHECKED BY EAA	
DATE OF SURVEY 5/8/81	SHEET 1 of 5
	JOB NUMBER 8f3386



STANDARD ENERGY CORPORATION

231 WEST 800 SOUTH • SALT LAKE CITY, UTAH 84101 • (801) 364-9000

June 22, 1981

RECEIVED
JUN 24 1981
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Mr. John L. Price
U.S.G.S.
P. O. Box 3524
Durango, Colorado 81301

Re: Coal Bed Federal #1 Well
T 35 S, R 26 E, S1M
Sec 8: SE 1/4 NE 1/4, U-46740

Dear Mr. Price:

Reference is made to your letter dated June 15, 1981 regarding the above captioned well location.

Enclosed herewith, please find two copies of our letter requesting staking of said location, with a topographic map showing road access and proposed locations. Also, is enclosed and additional copy of the NTL-6 as requested.

With reference to the geologic tops our geologist has reviews these again and feels like they should be kept as stated, but we would like to change the total depth from 5,500' to 6,000'.

Also, find enclosed a copy of our approved assignment by the Bureau of Land Management from D. R. Gaither to Standard Energy Corporation, and also find a copy of our nationwide bond filed with the Bureau of Land Management.

Please be advised, that we have checked our casing program and wish to correct the whole program to read as follows:

PROPOSED	FOOTAGE	SIZE	GRADE	WEIGHT	CONDITION	THREAD
Conductor	50'	13 3/8"	K-55	60#	NEW	8rd ST&C
Surface	1,000'	9 5/8"	K-55	36#	NEW	8rd LT&C
Production	6,000'	5 1/2"	K-55	17#	NEW	8rd LT&C

CEMENT PROGRAM:

Surface -- 1,200 sacks regular type "G" cement treated with 5% Dowell D43A or 3% Calcium Chloride.

Production -- Cement volumes and composition to be determined to be set 1000' above the uppermost productive zone.

I hope that the above will finish the information needed to approve the well permit requested.

If there is any further information needed, please advise.

STANDARD ENERGY CORPORATION
 Coal Bed Federal #1
 SE 1/4, T 35 S, R 26 E
 San Juan County, Utah

NORTHERN ROCKY MOUNTAIN AREA
NTL-6 10-Point Plan

1. Geological Name of Surface Formation

Morrison

2. Estimated Tops of Important Geological Markers

Morrison - Surface	Chinle - 955'	Paradox - 4300'
Entrada - 100'	Shinarump - 1670'	Upper Ismay - 4790'
Carmel - 210'	Moenkopi - 1750'	Lower Ismay - 4953'
Navajo - 260'	Cutler - 1900'	Desert Creek - 5200'
Wingate - 690'	Honaker Trail - 3625'	Top of Salt or TD - 5350'

3. Estimated Depths of Oil, Gas, Water or other Mineral-Bearing Formations

No water flows expected.
 Oil or gas expected in objective reservoirs (Lower-Upper Ismay 4953' and Desert Creek Porosity 5250').
 No mineral bearing formations anticipated.

4. Casing Program *SEE ATTACHED LETTER*

<u>SIZE</u>	<u>GRADE & WEIGHT/FT</u>	<u>CONDITION</u>	<u>SETTING DEPTH</u>
13-3/8	40-60#	NEW	0-1000'
9-7/8	40-40#	NEW	1000'-2500'
8-3/4	40-30#	NEW	2500'-TD

5. Pressure Control Equipment - See Appendix B

Bottom: 3000# BOP w/4 1/2' pipe ram
 3000# w/blind rams
 3000# Hydril

Top: Rotating Head

Manifold includes appropriate valves, positive and adjustable chokes, kill line, and gas/mud separator to control abnormal pressures. BOP's will be tested at installation and will be cycled on each trip. Checks of BOP will be noted on daily drilling reports.

6. Drillings Fluids

Fresh water with minimum properties from surface to 5200'. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to the total depth. The mud weight will be brought to 12 ppg before drilling into the Desert Creek zone at 5200'.

A fully manned mud logging unit from 4000' to Total Depth will catch 10-foot samples. The contractor will catch 10-foot samples from surface casing to 4000'

Sufficient mud materials to maintain mud requirements and to control minor lost

circulation and blowout problems will be stored at the well site.

7. Auxiliary Equipment

A manually operated kelly cock
No floats at bit
Mud will be monitored visually from 1,600' to the total depth
Full opening Shafer floor valve manually operated

8. Testing, Logging and Coring Program

During drill stem testing or when a completion rig is completing a well, some flaring of natural gas or produced gases will be necessary

DIL from below surface casing to total depth
CNL-Density 4300' to total depth
Continuous dipmeter 4300' to total depth
The planned stimulation is to acidize the well with approximately 15,000 gallons of HCL acid. Completed programs will be determined after log and DST information has been fully evaluated.

The proposed completion zone is the Lower-Upper Ismay at 4953' and the Desert Creek Prosimity at 5250'. The Lower Ismay Porosity may also be productive.

9. Any Anticipated Abnormal Pressures or Temperatures or Potential Hazards

No abnormal pressures or temperatures expected
No potential hazards such as hydrogen sulphide expected, etc.

10. Anticipated Starting Date and Duration of Operations

Starting Date: June 1, 1981
Duration: 30 days

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

5. LEASE DESIGNATION AND SERIAL NO.
U-46740

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NONE

7. UNIT AGREEMENT NAME
NONE

8. FARM OR LEASE NAME
NONE

9. WELL NO.
Coal Bed Federal #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

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

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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

2. NAME OF OPERATOR
STANDARD ENERGY CORPORATION

3. ADDRESS OF OPERATOR
231 West 800 South, Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
Section 8, SE $\frac{1}{4}$ NE $\frac{1}{4}$, T 35 S, R 26 E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
appr. 6400'

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 checked="" type="checkbox"/>	(Other) _____	(Other) _____
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Standard Energy Corporation would like to drill a PreCambrian test on location. Permit was approved to 6,000'. The required change would be to drill a 8,500' test.

The additional tops are as follows:

Base Salt	6840'
Leadville	7010'
Ouary	7200'
Elbert	7400'
McCracken	7530'
Ophin	7900'
Tapeats	8000'
PreCambrian	8500'



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

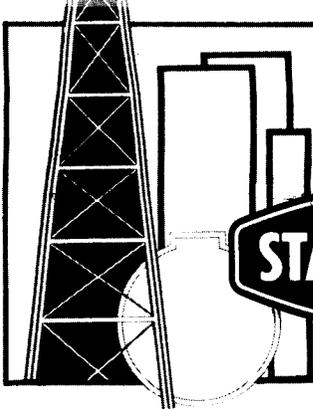
DATE: 11/12/81
BY: [Signature]

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

SIGNED [Signature] TITLE Vice President DATE 9-25-81

(This space for Federal or State office use)

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



STANDARD

Standard Energy Corporation

231 WEST 800 SOUTH • SALT LAKE CITY, UTAH 84101 • (801) 364-9000

NASDAQ Symbol: "STDE"

October 13, 1981

RECEIVED

OCT 14 1981

Mike Minder
Division of Oil, Gas and Mining
1588 West North, Temple
Salt Lake City, Utah 84116

Coal Bed Federal #1 Well

DIVISION OF
OIL, GAS & MINING

Dear Mr. Minder:

In reviewing Standard Energy Corporations lease boundry line, Standard owns the oil and gas rights that lie at least 660' to the east of the proposed well site.

We herewith request that permission is granted to have a topographic location offsetting a 40-40 section. The middle of the section lies on a county road and this is the reason for the offset location.

Your attention to this matter has been greatly appreciated and I will look forward to hearing from you. If there is anything else we need to do to get this permit approved by the state please let me know.

Sincerely,

STANDARD ENERGY CORPORATION

Pamela K. Nelson

Pamela K. Nelson
Vice President

** FILE NOTATIONS **

DATE: November 10, 1981

OPERATOR: Standard Energy Corporation

WELL NO: Coal Bed Federal #1

Location: Sec. 28 T. 35S R. 26E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30746

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per rule C-3 (c)

Administrative Aide: As per Rule C-3(c) needs lease ownership for 660' radius ab on any other oil or gas wells.

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.

RE:

December 9, 1981

Standard Energy Corporation
231 West 800 South
SLC UT 84101

RE: Well No. Coal Bed Federal #1,
Sec. 8, T. 35S, R. 26E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30746,

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS
Enclosures

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

September 21, 1982

Standard Energy Corporation
231 West 800 South
Salt Lake City, Utah 84101

Re: Rescind Application for Permit
to Drill
Well No. 1
Section 8-T35S-R26E ✓
San Juan County, Utah
Lease No. U-46740

Gentlemen:

The Application for Permit to Drill the referenced well was approved on July 15, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

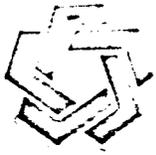
This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
MMS-Durango
Well File
APD Control

DH/dh



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 29, 1982

Standard Energy Corporation
231 West 800 South
Salt Lake City, Utah 84101

RE: Well No. 1
Sec. 8, T.35S, R.26E
San Juan County, Utah

Gentlemen:

Approval for Application for Permit to Drill the above referenced well is rescinded as of the above date in concert with action taken by Minerals Management Service.

If you intend to drill at this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

Norm Stout
Administrative Assistant

NS/as