

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

DATE FILED 4-22-77

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-12702 INDIAN \_\_\_\_\_

DRILLING APPROVED: **APPLICATION WITHDRAWN! NEVER APPROVED**

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 4-22-77 LOCATION ABANDONED \_\_\_\_\_

FIELD: 3/86 Greater Cisco

UNIT: \_\_\_\_\_

COUNTY: Grand

WELL NO. Federal 31-2

API NO: 43-019-30309

LOCATION 1815' FT. FROM ~~XX~~ (S) LINE. 744' FT. FROM ~~XX~~ (W) LINE. NW SW 1/4 - 1/4 SEC. 31

TWP.	RGE.	SEC.	OPERATOR

TWP.	RGE.	SEC.	OPERATOR

20S	22E	31	UNITED ENERGY CORP.
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4-22-77-Location Abandoned - Well never drilled.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate (Other instructions on reverse)

Form approved. Budget Bureau No. 42-B1425

12

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

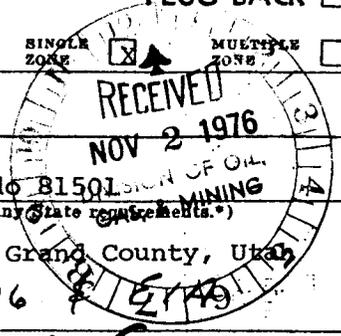
1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 United Energy Corporation

3. ADDRESS OF OPERATOR  
 P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.)  
 At surface  
 1980' FSL, 660' FWL, Sec. 31, T20S, R22E, Grand County, Utah  
 Approved prod. *SN dtd 9/17/76*



5. LESSEE DESIGNATION AND SERIAL NO.  
 U-12702-A  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Federal  
 9. WELL NO.  
 31-2  
 10. FIELD AND POOL, OR WILDCAT  
 Cisco Dome  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 31, T20S, R22E, SL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles NW of Cisco, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660  
 16. D. OF CEMENT LEASE 160  
 17. D. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2722  
 19. PROPOSED DEPTH 2850'  
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4945' G.  
 22. APPROX. DATE WORK WILL START\*  
 September 1, 1976

*Location abandoned*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	7 5/3"	26.4#	150'	Cement to surface w/reg. 2% CaCl
6 3/4"	4 1/2"	9.5#	2850'	200 Sx Regular + 1% CaCl <sub>2</sub>

*Approval notice Utah Aug 20, 1976*

We propose to rig up and drill a 12 1/4" hole to about 150 ft. and set surface casing. After nipping up, the surface casing and BOP's will be pressure tested to about 500 psi. The shoe will be drilled and an 6 3/4" hole will be drilled to 2850' TD or until the Entrada formation has been penetrated. Should the well be productive, 4 1/2" casing will be run and cemented. It will then be perforated, tested, and stimulated if necessary. If the well is non-productive, permission will be secured and the well plugged and abandoned. Potentially productive intervals are the Dakota and Morrison group and the Entrada. Surface and production casing will be new Grade K-55, Range 2 (30 ft. joints) pipe. Wellhead equipment will consist of 2000 psi working pressure, 4000 psi test pressure equipment similar to a Larkin Figure 92. Blowout prevention equipment will consist of a 10" Series 900 flanged tandem stacked double ram hydraulic actuated type similar to a Shaffer complete with an accumulator and controls for off-the-floor operation. Blind rams, 3 1/2" pipe rams, and a positive and adjustable choke will be installed. Operation of the BOP equipment will be checked daily and the blind rams will be closed at

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 prevention program, if any.

24. SIGNED *[Signature]* TITLE Consulting Engineer DATE 8/5/76

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE DISTRICT ENGINEER DATE OCT 20 1976

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

• GPO 782-931

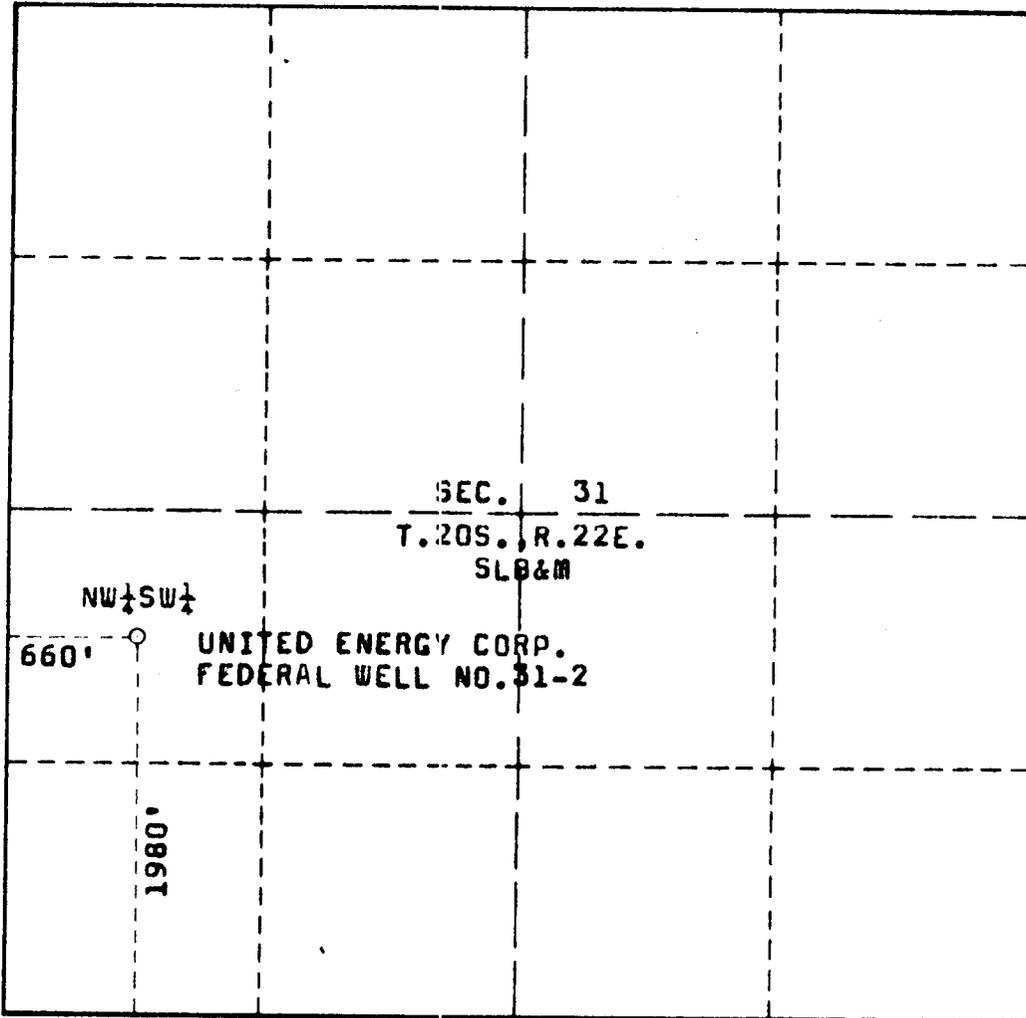
every opportunity. Air is to be used as the drilling medium and a rotating head, a float at the bit, and a string float will be used. Other safety equipment consists of a Kelly Cock and a full opening valve on the floor. No cores are anticipated and the well will be tested continuously by air drilling. Maximum anticipated pressures will be 600 to 800 psig in the Dakota-Morrison group and should require no more than normal mud weights to kill the well. Logging program should consist of an IES and a FDC-CNL porosity log. Operations should be completed within 120 days after the date shown. Estimated Geological markers are:

Mancos	Surface
Dakota	1995'
Morrison	2155'
Entrada	2795'

RECEIVED

SECTION

DATE

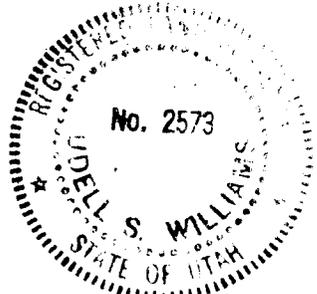


SCALE: 1" = 1000'

**UNITED ENERGY CORP.  
FEDERAL WELL NO. 31-2**

Located North 1980 feet from the South boundary and East 660 feet from the West boundary of Section 31, T.20S., R.22E., S.L.B.&M..

Groundline Elev. 4945



**SURVEYOR'S CERTIFICATE**

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 AND BELIEF

*Udell S. Williams*  
UTAH R.L.S. NO. 2573



**UDELL S. WILLIAMS**  
781 MOOD AVENUE  
GRAND JUNCTION, COLORADO  
81501

PLAT OF  
PROPOSED LOCATION  
**UNITED ENERGY CORP.**  
**FEDERAL WELL NO. 31-2**  
**NW 1/4 SW 1/4 S31, T20S, R22E, SLM**

SURVEYED BY: **USW** DATE **7/20/76**  
DRAWN BY: **USW** DATE **7/20/76**

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

234

United Energy Corp

Well # 31-2

Sec 31 - 203 221E

1/2 Sect 12792

Grand County Utah

BLM - Nancy  
USGS - Alexander  
Optr.

Enhance  
 No Effect

Minor Impact

Major Impact

	Construction			Pollution			Drilling Production			Transport Operations			Accidents		Others			
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks

Land Use	Forestry	NA																		
	Grazing	LO	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Wilderness	NA																		
	Agriculture	NA																		
	Residential-Commercial	NA																		
	Mineral Extraction	NA																		
	Recreation	LO	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Scenic Views	L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Parks, Reserves, Monuments	NA																		
	Historical Sites	NA																		
	Unique Physical Features	NA																		
	Flora & Fauna	Birds	L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Land Animals		L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Fish		NA																		
Endangered Species		NA NONE KNOWN																		
Trees, Grass, Etc.		L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Phy. Charact.	Surface Water	NA																		
	Underground Water	?																		
	Air Quality	L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Erosion	L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Other																			
Effect On Local Economy	LO	0												0						
Safety & Health	L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/		
Others	Orig: full cc: Reg - Denver BLM - [unclear] information Do Am - Utah																			

Lease

U-12702

Well No. & Location

#31-2 Sec 31-20s-22E

Grand County Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

- 1.) United Energy Corp proposes to drill a development gas test well w/ rotary tools to approx 3000'
- 2.) proposes to construct a drill pad approx 250'x200' and to construct a reserve pit approx 30'x30'x8' deep.
- 3.) proposes to construct approx <sup>3/4</sup> mile of new access road. Existing roads should need little or no work.

2. Location and Natural Setting (existing environmental situation)

The location falls on a relatively flat area of the Cisco Dome area approx 12 miles NW of Cisco Utah-

The wild life is sparse Antelope, small mammals and birds. There are no known endangered species.

The land is used primarily for winter sheep grazing. The area is considered poor forage for any livestock.

There are no known Historical Sites that would be affected and no evidence of archeological sites was noted.

The vegetation is very sparse Sagebrush, Albert Shrub and assorted native grasses.

Ref: Book Mtn UGA + MFP June, 1975  
BLM, Moab, Utah

### 3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have very little long term effect on the environment. Discovery of a gas deposit would also have little effect in that the area is already a producing gas field.

There would be moderate scaring of the area which would require 2 to 5 yrs to rehab.

The drilling & associated traffic would add a minor amount of pollution to the air as well as temporarily disturbing livestock & wildlife.

There would be potential for minor induced & accelerated erosion due to surface disturbance & support traffic use.

### 4. Alternatives to the Proposed Action

Not Approving the proposed permit

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened. Therefore, move location 163' SO & 29' West to avoid large drainage.

5. Adverse Environmental Effects Which Cannot Be Avoided

Temporary disturbance of livestock  
& wild life.

Temporary mess due to drilling activity  
and requiring about 2 to 5 years to rehab.

Detraction from the aesthetics.

Minor air pollution due to rig  
exhaust & support traffic.

Potential for minor induced and  
accelerated erosion due to surface  
disturbance and support traffic use.

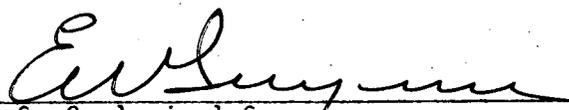
6. Determination

(This requested action ~~does~~ (does Not) constitute  
a major Federal action significantly affecting the  
environment in the sense of NEPA, Section 102(2)(c)).

Date Inspected

9-2-76



  
U. S. Geological Survey

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

*La.*  
~~Application to~~  
~~Withdraw~~  
~~Application~~  
~~to~~

Date: Aug. 12, 1976

Operator: United Energy Corp.

Well No: Federal 31-2

Location: Sec. 31 T. 20S R. 22E County: Grand

File Prepared

Entered on N.I.D.

Card Indexed

Completion Sheet

*4-22-77.  
Application  
Withdrawn*

Checked By:

Administrative Assistant: \_\_\_\_\_

Remarks:

Petroleum Engineer/Mined Land Coordinator: \_\_\_\_\_

Remarks:

Director: \_\_\_\_\_

Remarks:

Include Within Approval Letter:

Bond Required

Survey Plat Required

Order No. 102-8

Blowout Prevention Equipment

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

O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

Letter Written

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRACATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-12702

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

31-2

10. FIELD AND POOL, OR WILDCAT

Cisco Dome

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

Sec 31, T20S, R22E,  
SLB&M

12. COUNTY OR PARISH 13. STATE

Grand Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
United Energy Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1815' FSL, 744' FWL, Sec. 31, T20S, R22E, Grand County Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
4945' G.L.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
 FRACTURE TREAT   
 SHOOT OR ACIDIZE   
 REPAIR WELL   
 (Other) Move Location

PULL OR ALTER CASING   
 MULTIPLE COMPLETE   
 ABANDON\*   
 CHANGE PLANS

WATER SHUT-OFF   
 FRACTURE TREATMENT   
 SHOOTING OR ACIDIZING   
 (Other)

REPAIRING WELL   
 ALTERING CASING   
 ABANDONMENT\*

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

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

A slight change in the location of this well is required to accomodate the topographic features surrounding the proposed drill site.

A corrected plat is attached.

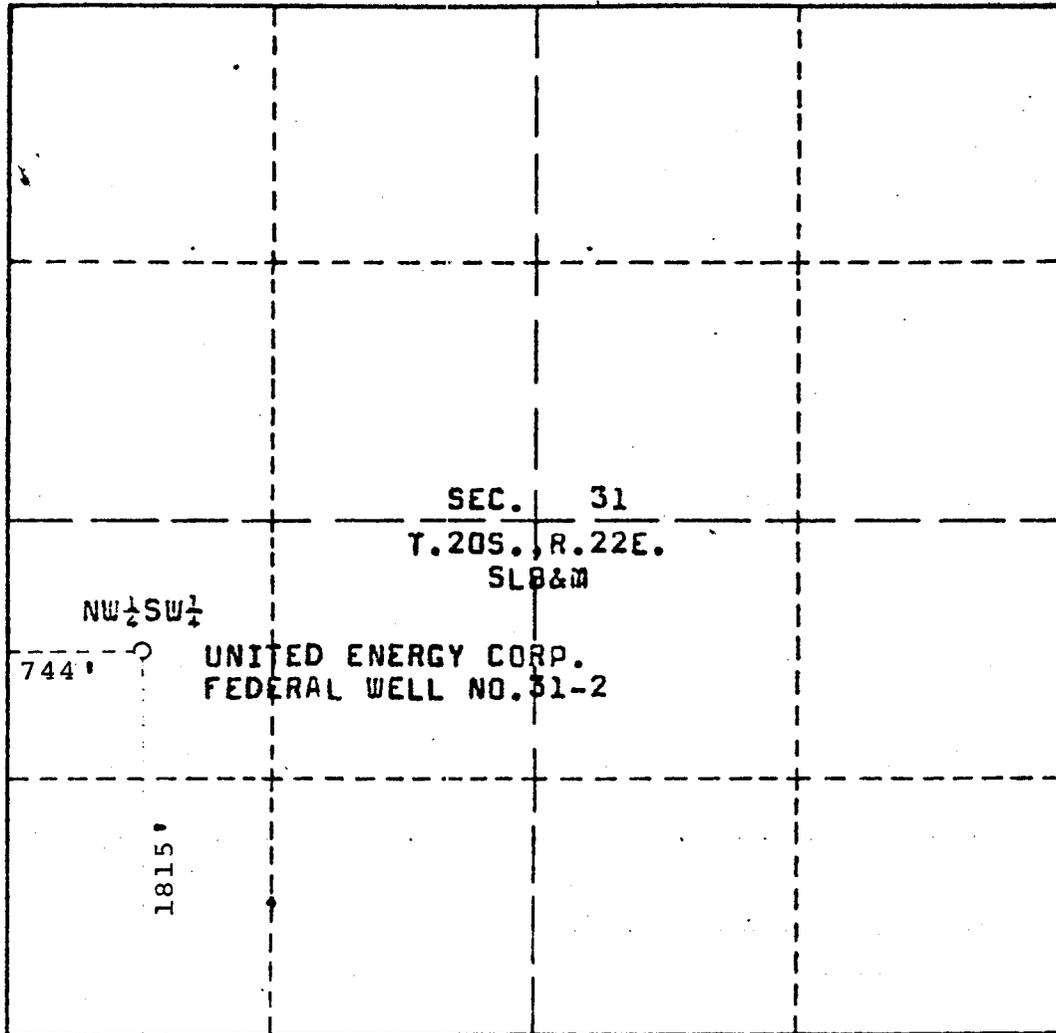
APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: Sept. 20 1976  
BY: P. H. McCall

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

SIGNED [Signature] TITLE Consulting Engineer DATE 9-17-76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

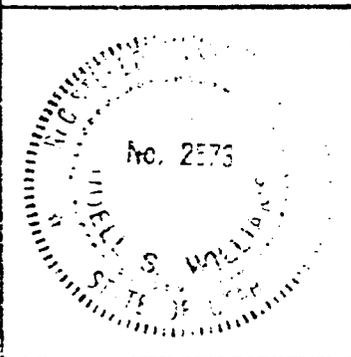


SCALE: 1" = 1000'

**UNITED ENERGY CORP.  
FEDERAL WELL NO. 31-2**

Located North 1815 feet from the South boundary and East 744 feet from the West boundary of Section 31, T.20S., R.22E., S.L.B.&M..

Groundline Elev. 4945



**SURVEYOR'S CERTIFICATE**

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 AND BELIEF

*Udell S. Williams*  
UTAH R.L.S. NO. 2573



**UDELL S. WILLIAMS**  
781 4000 AVENUE  
GRAND JUNCTION, COLORADO  
81501

PLAT OF  
PROPOSED LOCATION  
**UNITED ENERGY CORP.**  
**FEDERAL WELL NO. 31-2**  
NW 1/4 SW 1/4 S31, T20S, R22E, SLM

SURVEYED BY: USW DATE 7/20/76

DRAWN BY: USW DATE 7/20/76

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
United Energy Corp. #31-2 Fed.	1980' FSL, 660' FWL, sec. 31, T. 20 S., R. 22 E., SLM, Grand Co. Gr. El. 4945'	U-12702
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>The surface rocks are Mancos Shale. The Cabeen Expl. Corp. #1 Robertson in sec. 6, T. 21 S., R. 22 E. reported tops: Dakota-2339', Morrison-2406', Salt Wash-2705', Entrada-3098'. T.D. 3106.'</i></p> <p>2. Fresh Water Sands. <i>WRD reported for a well in T. 20 S., R. 21 E. that: "Mancos Shale may contain water of questionable quality in lenticular sands at depths less than 500 feet. Any water present in lower stratigraphic units is brine. No water wells nearby."</i></p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) <i>Valuable prospectively for coal. Coal classification based on underlying Dakota Fm. which may in reality contain no coal beds or at best thin and lenticular.</i></p> <p>4. Possible Lost Circulation Zones. <i>Unknown.</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. <i>Unknown.</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. <i>Probably none. Blowout equipment and casing appear to be adequate.</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points. <i>Probably competent.</i></p> <p>8. Additional Logs or Samples Needed. <i>Normal suite.</i></p> <p>9. References and Remarks <i>More than 2 miles from KGS.</i></p>		
Date: September 10, 1976		Signed: <i>State Oil &amp; Gas</i> <i>B R Alts</i>

K  
Gordon Engineering, Inc.

Consulting Engineers  
Specialists in Oil & Gas

P. O. Box 3052  
822 North Avenue  
Grand Junction, Colo. 81501  
(303) 245-1958

0  
Kasper  
April 22, 1977

Re: United Energy Corporation  
Well Nos. 19-1, 19-2, 19-4,  
29-1, 29-2, 29-4, and 31-2.  
Sections 19, 29, +31, Grand  
County, Utah. Lease U-12702-A

Mr. E. W. Guynn, District Engineer  
United States Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

Dear Mr. Guynn:

Your letter of April 13, 1977 requests that our timing for drilling the above referenced wells be furnished. The following time table is our present plans.

<u>Well No.</u>	<u>Anticipated Drilling Date</u>
19-1	September-October
<del>19-2</del>	Please withdraw our application
<del>19-4</del>	Please withdraw our application
29-1	April 25, 1977
<del>29-2</del>	Please withdraw our application
29-4	August-September
<del>31-2</del>	Please withdraw our application

Please contact me if you need additional information or have any questions.

Very truly yours,

Original Signed By  
JOHN I. GORDON

John I. Gordon

JIG:jb

cc: Mr. Cleon B. Feight, Director  
United Energy Corporation



Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

April 26, 1977

United Energy Corporation  
P. O. Box 3052  
Grand Junction, Colorado 81501

Attention: Mr. John I. Gordon

Re: Wells Nos. (19-2), (19-4),  
(29-2) and (31-2)  
Sections 19, 29, and 31  
T.20S, R.22E - SLM  
Grand County, Utah  
Lease Utah 12702-A

Gentlemen:

Pursuant to the instructions in your letter dated April 22, 1977, to withdraw the referenced Applications for Permit to Drill, which were approved October 29, 1976, effective this date these applications are rescinded without prejudice.

Any surface disturbances associated with these approved applications must be restored in accordance with the approved Surface Use Plan prior to release of bonding.

If you should again desire to drill at these locations, please submit new Applications for Permit to Drill.

Sincerely yours,

(Orig. Sgd.) E. W. Guynn

E. W. Guynn  
District Engineer

bcc: Utah State OGM ✓  
BLM - Moab  
O&GS, NRMA, Casper  
USGS, Vernal  
USGS, SLC  
Well files (4)

tw