

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED 1-7-83

LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO U-02140 INDIAN

DRILLING APPROVED: 2-28-83

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION

GRAVITY A.P.I.

GOR

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION 5309' GR

DATE ABANDONED: 2-1-86 Application rescinded - LA

FIELD: - GISCO AREA 3/86 Theater Cisco

UNIT:

COUNTY: GRAND

WELL NO. FEDERAL # ~~2-22~~ * 22-2 API NO. 43-019-31040

LOCATION 1929 FT. FROM (N) X LINE. 2132 FT. FROM (E) XX LINE. SW NE 1/4 - 1/4 SEC 22

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
-----	-----	-----	----------	-----	-----	-----	----------

20S 21E 22 N.P ENERGY CORP.

needed

lease plat

change location or
show cause

as per Robyn 1-7-83

Myron

Robyn called to get
additional info for
show cause

Myron
1-25-83

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EA 329-82

5. LEASE DESIGNATION AND SERIAL NO.

U-02140

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

FEDERAL #22-2

10. FIELD AND POOL, OR WELDFIELD

CYSCO DOME

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

SW 1/4 NE 1/4, Sec. 22, T. 20 S., R. 21 E., S. L. M.

12. COUNTY OR PARISH, 13. STATE

GRAND UTAH

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

NP ENERGY CORP.

3. ADDRESS OF OPERATOR

4669 SW Freeway, Suite 740, Houston, Texas 77027

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

At surface

1929' ENL & 2132' FEL, of Sec. 22

At proposed prod. zone

Approximately same.

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

19.1 miles Northwestern of Cisco, Utah.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

510'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

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

1320' +

19. PROPOSED DEPTH

3045'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR. EL. 5309'

22. APPROX. DATE WORK WILL START*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	100± sx cement circ. to surface
6 3/4"	4 1/2"	10.5#	thru all pay zones	- cement to 200' above Kd

Casing and cementing programs will be adjusted to protect coal resource and fresh water aquifers. A flare will be maintained at the end of the Blooie Line at all times while drilling below 1500', to insure no gas will be missed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat "A1" Staking request(PER letter)
- "B" Ten-Point Compliance Program
- "C" Blowout Preventer Diagram
- "D" Multi-Point Requirements for APD
- "E" Route & Distance Road Map
- "F" Access Road and Radius Map of Wells in Area
- "G" Drill Rig Layout with contours "G1" Cross-Sections of Drill Pad
- "H" Drill Rig Layout
- "I" Production Facility Layout
- "J" Rehabilitation Plan
- "K" Landowners Agreement

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 J. M. Butcher TITLE Consulting Agent DATE 7-23-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY E. W. Guynn TITLE District Oil & Gas Supervisor DATE _____

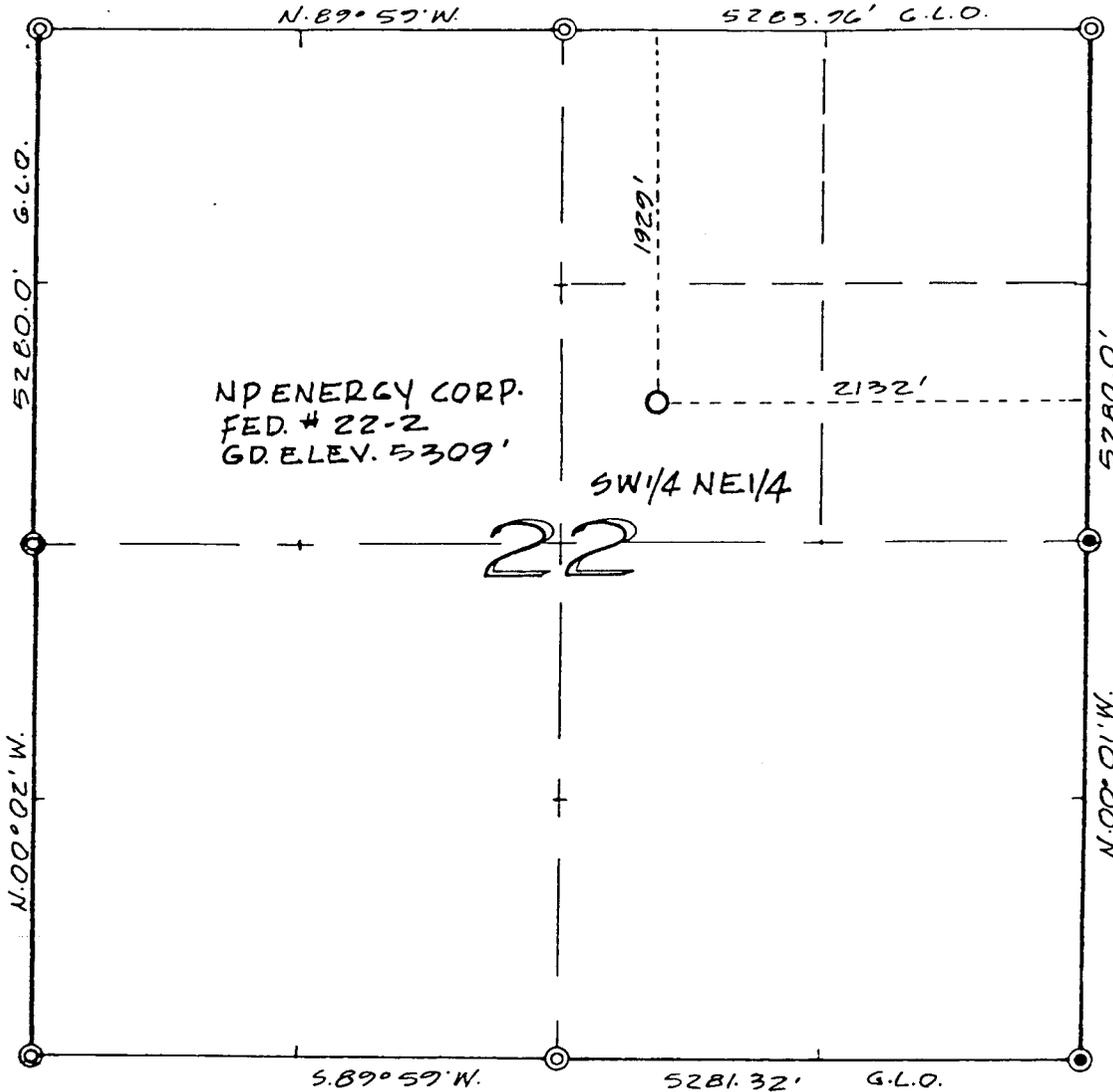
CONDITIONS OF APPROVAL, IF ANY:

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 O & G.



N

SCALE

LEGEND

- ⊙ STANDARD LOCATION OF G.L.O. CORNERS.
- G.L.O. CORNERS FOUND
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

- 1921 GLO PLAT
- SEGO CANYON, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR NP ENERGY CORP.
 AS REQUESTED BY SANDY BROCK, TO LOCATE THE
FEDERAL NO. 22 - 2, 1929' F.N.L. & 2132' F.E.L.,
 IN THE SW 1/4 NE 1/4, OF SECTION 22, T. 20S., R. 21E. OF THE SLB&M
GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER 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.

Larry D. Becker
 UTAH LS. NO. 4189



SURVEYED	4-9-82
DRAWN	4-10-82
CHECKED	4-10-82

ENERGY
SURVEYS &
ENGINEERING CORP.

1156 BOOKCLIFF AVE. NO. 4
GRAND JUNCTION, CO 81501

SCALE 1" = 1000'

APP. NO.

N P Energy Corporation
Well No. 22-2
Section 22, T.20S., R.21E.
Grand County, Utah
Lease U-02140

Supplemental Stipulations

- 1) There will be no new activity in this area (drilling and/or construction) between November 1 and March 31, without the approval of the Authorized Officer of the BLM, Moab District Office.
- 2) Any oil spills will be reported in accordance with part 10 (4) of the Application for Permit to Drill.
- 3) Drilling of this well must conform to State Spacing.

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

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

MINERAL SERVICE (Other Instructions on reverse side)
OIL & GAS OPERATIONS RECEIVED
SUBMIT IN TRIPPLICATE*

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
NP Energy Corporation

3. Address of Operator
11340 W Olympic Blvd, Ste. 175 LA CA 90064

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface SW/NW Section 22 T20S, R21E, S.W.L.M.
At proposed prod. zone 1929' fr. N-Line and 2132' fr. E-Line

14. Distance in miles and direction from nearest town or post office*
Approximately 14 1/2 miles from Cisco, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1929'
16. No. of acres in lease 2400 Acres
17. No. of acres assigned to this well 160 Acres
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 1850'
19. Proposed depth 3265'
20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 5309 Grd; 5319 K.B.
22. Approx. date work will start* 2/10/83

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	24.00#	200'	100 sks
7 7/8"	4 1/2"	10.50#	Thru pay zone-cemented to 200' above KB	

It is planned to drill a well at the above location to test the gas and/or oil production possibilities of the sands in the Dakota, Cedar Mt., Morrison, and Entrada formations. The well will be drilled to approximately 50 to 100' below the top of the Entrada formation, if conditions permit. The face casing (8 5/8") will be set at about 200' K.B. and cemented with returns to the surface. A blowout preventer and rotating head will be installed on top of the surface casing. Fill and kill lines will be connected to the well head below the blind rams on the blowout preventer. Any gas encountered will be flared at the end of the Blewie Line and roughly checked for volume thru a 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis of the well is attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Bob Karyean Title President Date 10/29/82

(This space for Federal or State office use)

Permit No. _____ Approval Date _____
Approved by W. W. Martin FOR E. W. GUYNN
Conditions of approval, if any: _____ Title DISTRICT OIL & GAS SUPERVISOR Date NOV 15 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY.

*See Instructions On Reverse Side

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

State - D06xM

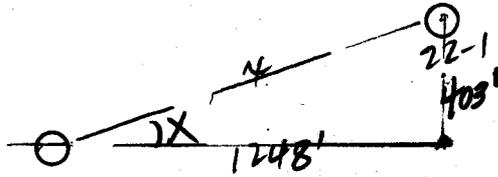
$$\sin A = \frac{a}{c}$$

$$\sin X = .305$$

$$.305 = \frac{403}{x}$$

$$.305 x = 403$$

$$x = \frac{403}{.305} = 1321.3 \quad 22-2$$

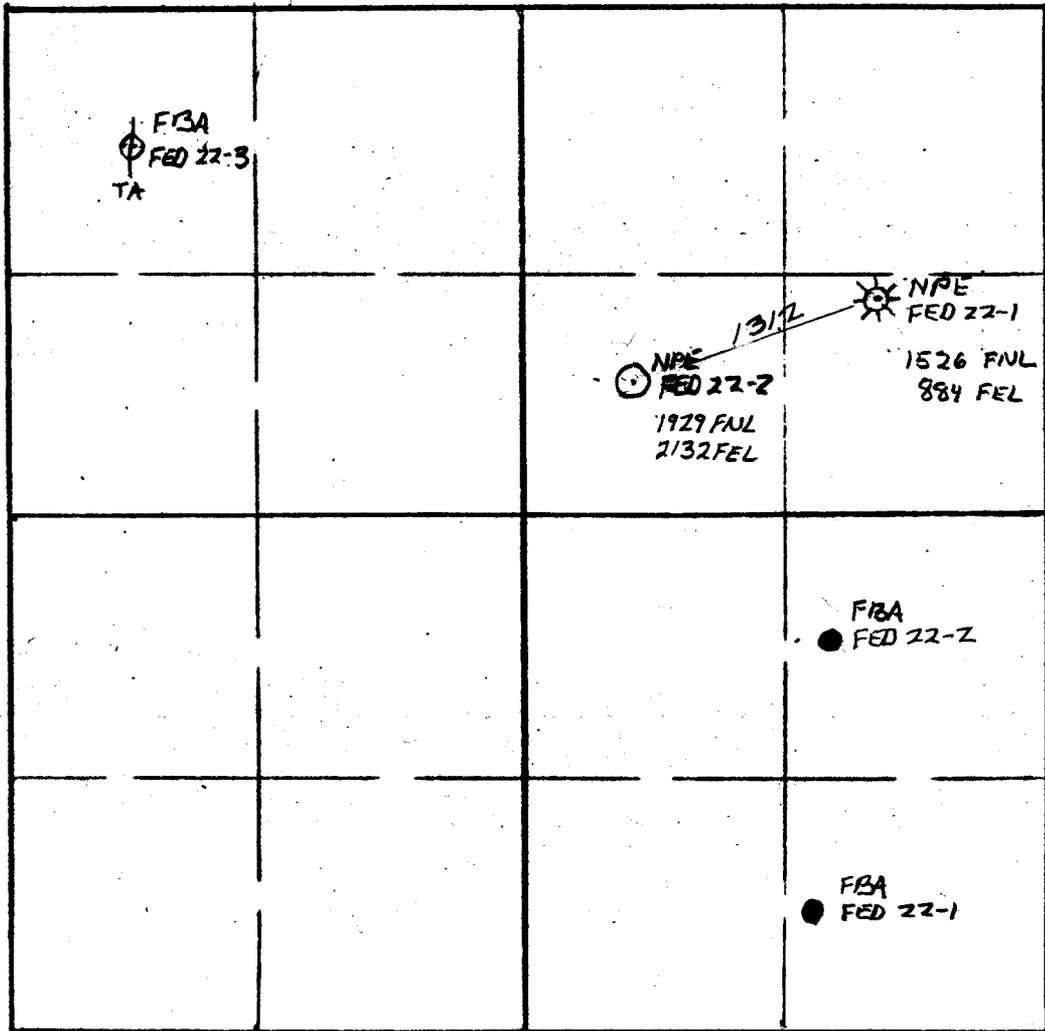


$$\begin{array}{r} 1929.1 \\ 1526 \\ \hline 403 \\ 2132 \\ \hline 884 \\ \hline 1248 \end{array}$$

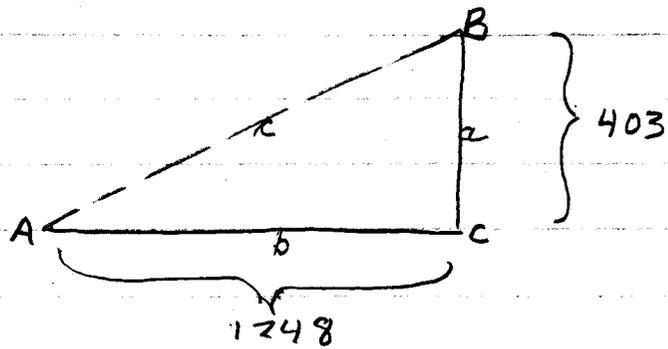
$$\frac{403}{1248} = \tan X = .32$$

17°-45'

22-205-21E



GRAND
SCALE: 1" = 1000'



$$\tan A = 403/1248 = 0.3229 = \sin 0.3072 \text{ OR } \cos 0.9517$$

$$\cos A = \frac{1248}{c} \rightarrow .9517 c = 1248 \rightarrow c = 1248 \div .9517$$

$$c = 1311$$



January 5, 1983

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Norm Stout

Dear Mr. Stout,

Enclosed please find an application to drill for the Federal 22-2
as per your letter of December 27, 1982.

To date, drilling has not yet begun on this well.

Should you require further information, please contact our office.

Sincerely,

A handwritten signature in cursive script that reads 'Robyn Marshall'.

Robyn Marshall
Assistant Treasurer

rdm/

A rectangular stamp with the word 'RECEIVED' in large, bold, capital letters. Below it, the date 'JAN 07 1983' is stamped in a smaller font.

DIVISION OF
OIL, GAS & MINING

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

MINERAL SERVICE
SUBMIT IN TRIPLICATE*
Other instructions on reverse side
OIL & GAS OPERATIONS RECEIVED

5. Lease Designation and Serial No. U-02140
6. If Indian, Allottee or Tribe Name N/A
7. Unit Agreement Name N/A
8. Name of Lease Name FEDERAL
9. Well No. FEDERAL 22-2

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
SALT LAKE CITY, UTAH

2. Name of Operator
NP Energy Corporation

3. Address of Operator
11340 W. Olympic Blvd. Ste. 175 LA CA 90064

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface SW/4 Section 22 T20S, R21E, S.L.M.
At proposed prod. zone 1929' fr. N-Line and 2132' fr. E-Line

10. Field and Pool, or Wildcat
Cisco Home area
11. Sec., T., R., M., or Blk. Survey or Area
SW1/4 NE1/4, Sec. 22 T20S, R21E, S.L.M.
12. County or Parrish Grand Utah
13. State

14. Distance in miles and direction from nearest town or post office*
Approximately 14 1/2 miles from Cisco, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 1929'
16. No. of acres in lease 2400 Acres
17. No. of acres assigned to this well 160 Acres
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 1850'
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21. Elevations (Show whether DF, RT, GR, etc.) 5309 Grd; 5319 K.B.
22. Approx. date work will start* 2/10/83

28. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
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7 7/8"	4 1/2"	10.50#	10 Thru pay zone-cemented to 200' above KB	

It is planned to drill a well at the above location to test the gas and/or oil production possibilities of the sands in the Dakota, Cedar Mt., Morrison, and Entrada formations. The well will be drilled to approximately 50 to 100' below the top of the Entrada formation, if conditions permit. The face casing (8 5/8") will be set at about 200' K.B. and cemented with returns to the surface. A blowout preventer and rotating head will be installed on top of the surface casing. Fill and kill lines will be connected to the well head below the blind rams on the blowout preventer. Any gas encountered will be flared at the end of the Blewie Line and roughly checked for volume thru a 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis of the well is attached.

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24. Signed: Bob Kyurean Title: President (213) 477-5504 DATE: 11/29/82

(This space for Federal or State office use)
Permit No. _____ Approval Date _____
Approved by: W. G. Gwynn FOR E. W. GUYNN Title: DISTRICT OIL & GAS SUPERVISOR Date: NOV 15 1982
Conditions of approval, if any:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

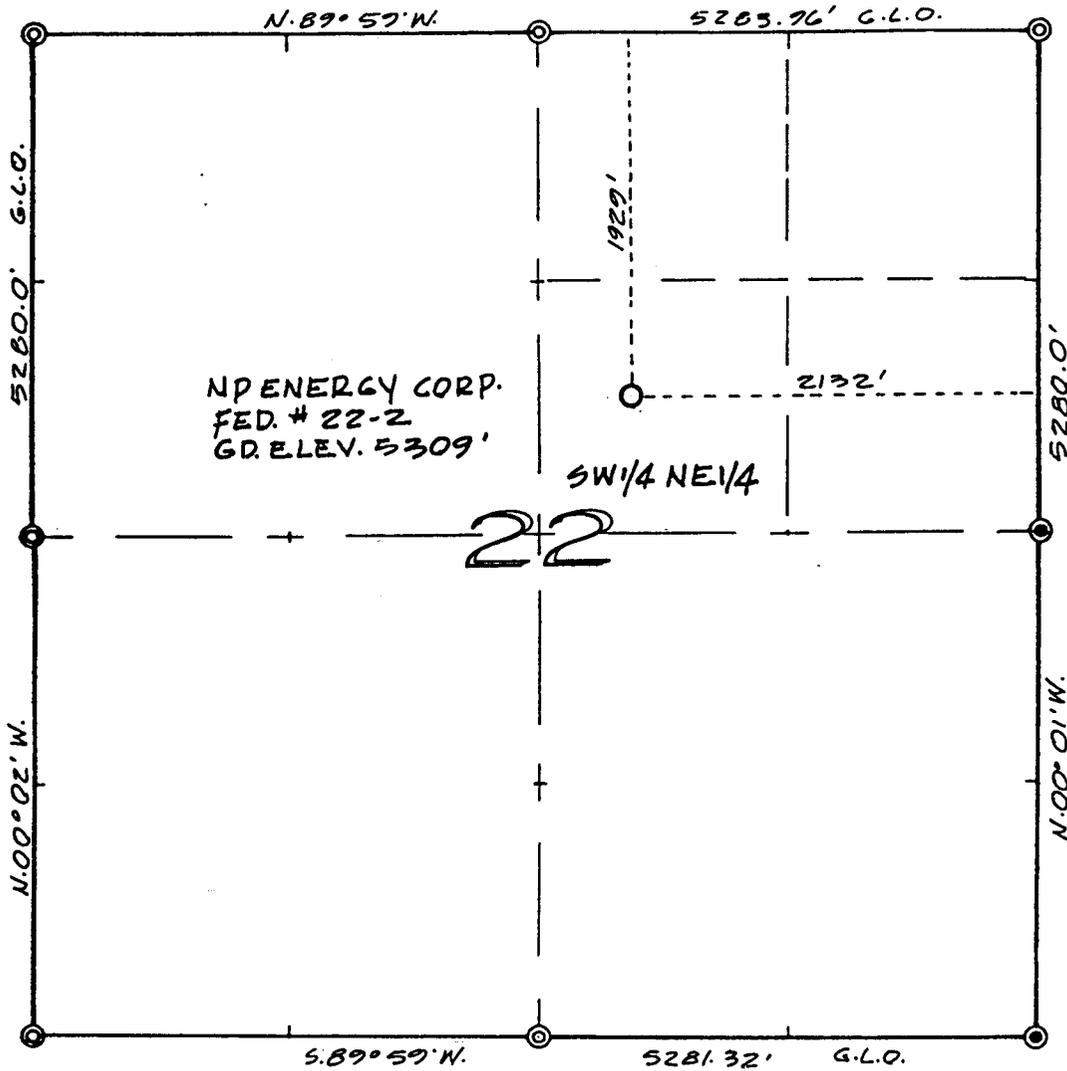
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*See Instructions On Reverse Side

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: 11/29/82

SEC. 22, T. 20S., R. 21E. OF THE SLB&M

EXHIBIT "A"
LOCATION PLAT



SCALE
0 500 1000'

LEGEND

- ⊙ STANDARD LOCATION OF G.L.O. CORNERS.
- G.L.O. CORNERS FOUND.
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

- 1921 GLO PLAT
- SEGO CANYON, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR NP ENERGY CORP.
 AS REQUESTED BY SANDY BROCK, TO LOCATE THE
FEDERAL NO. 22 - 2, 1929' F.N.L. & 2132' F.E.L.,
 IN THE SW 1/4 NE 1/4, OF SECTION 22, T. 20S., R. 21E. OF THE SLB&M
GRAND COUNTY, UTAH.

SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER 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.



Larry D. Becker
 UTAH L.S. NO. 4189

EA 329-82

EXHIBIT "A₁"
Staking Request

NOTICE OF STAKING (Not to be used in place of Application to Drill Form 9-331-C)		RMOGA 5/5/82	5. Lease Number U-02140	
1. Oil Well <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name -----		
2. Name of Operator NP ENERGY CORP.		7. Unit Agreement Name N/A		
3. Address of Operator or Agent Burkhalter Engineering, Agent 588 25 Road, Grand Jct., Colo. 81501		8. Farm or Lease Name FEDERAL		
4. Surface Location of Well (Governmental 1/4 or 1/4 1/4) SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 22 (1929' FNL, 2132' FEL) Attach: Topographical or other acceptable map showing location, access road, and lease boundaries.		9. Well No. Federal # 22-2		
14. Formation Objective(s) Test formations down thru the Curtis- Summerville		15. Estimated Well Depth 2800' \pm		10. Field or Wildcat Name Cisco Dome
16. To Be Completed by Operator Prior to Onsite a. Location must staked b. Access Road Flagged c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills (To be provided at onsite)		11. Sec., T., R., M., or Blk and Survey or Area Sec. 22, T. 20S., R. 21E., SLM		
17. To Be Considered By Operators Prior to Onsite a. H ₂ S Potential b. Private Surface Ownership c. Cultural Resources (Archaeology) d. Federal Right of Way		12. County or Parish Grand County,	13. State Utah	
18. Additional Information				
19. Signed <u><i>Kerry R. Becker</i></u> Title <u>Consulting Agent</u> Date <u>5-24-82</u>				

EXHIBIT "B"
TEN-POINT COMPLIANCE PROGRAM OF NTL-6 AUG 10 1982
APPROVAL OF OPERATIONS SALT LAKE CITY, UTAH

NP ENERGY CORPORATION
Federal # 22-2
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec 22, T20S, R21E, SLM
Grand County, Utah

1. Geologic Surface Formation

The surface formation is Mancos.

2. Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Mancos	0
Dakota	2345'
Cedar Mountain	2375'
Morrison, Brushy Creek	2475'
Morrison, Salt Wash	2735'
Curtis-Summerville	3005'
Entrada	3045'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Fluids or Minerals</u>
Dakota	2360'	Gas and/or Coal
Cedar Mountain	2420'	Gas and/or Water
Morrison, Brushy Creek	2600'	Gas and/or Oil and/or Water
Morrison, Salt Wash	2870'	Gas and/or Oil and/or Water
Curtis-Summerville	3020'	Oil

4. Proposed Casing Program

Surface Casing:

- (a) Drill 12 1/4" hole to 200' and set 8 5/8" 24.0-lb. cemented to surface.
- (b) Drill 6 3/4" hole to TD and set 4 1/2" 10.5-lb. with 150 sx RFC cemented through all pay zones, cemented to 200' above the top of the Dakota formation.

5. Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in this well. The BOP's will be

hydraulically tested to 1000 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each trip. All tests will be recorded in the daily drilling report. Accessories to BOP's include Kelly Cock, safety valve, drill string BOP and choke with pressure rating equivalent to the BOP stack.

6. Type and Characteristics of Proposed Muds

The well will be drilled with air mist. If water is encountered, then air-soap-water mist will be used. In the event of caving problems conversion to mud drilling will be necessary. Two hundred + barrels of mud will be mixed and ready, if needed to kill well or logging operations.

7. Auxiliary Equipment to be Used

- (a) Kelly Cock will be kept in the string.
- (b) A full opening stabbing valve will be on the floor for use, when the Kelly is not in the string.
- (c) A float will be run at the bit.
- (d) Monitoring equipment will be installed and used on the mud system.

8. (a) Drill stem tests are not planned at this time.
- (b) The logging program will consist of a dual-induction-laterolog run from bottom to the top of the hole; and a gamma-density and compensated neutron porosity log will be run from bottom to 200' above the Dakota formation. This program will locate and identify any coal beds in the Dakota.
- (c) No coring is planned.
- (d) Drilling samples will be caught at 30' intervals BSC to 2300'; from 2300' to TD samples at 10' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

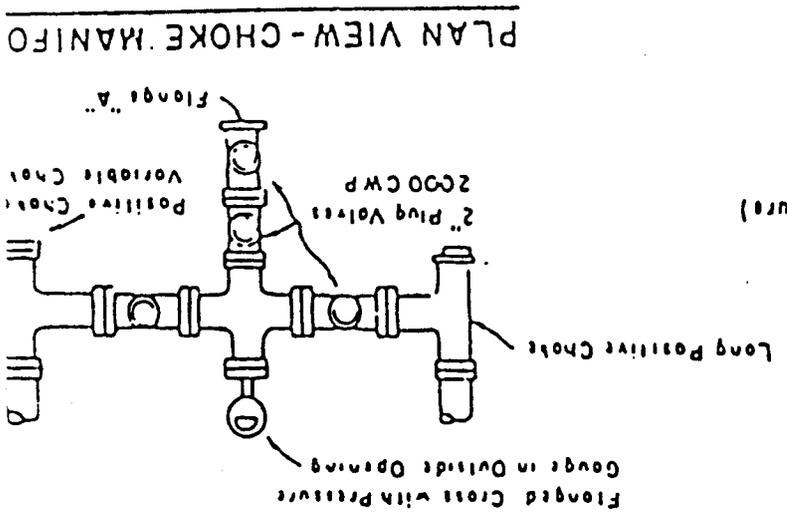
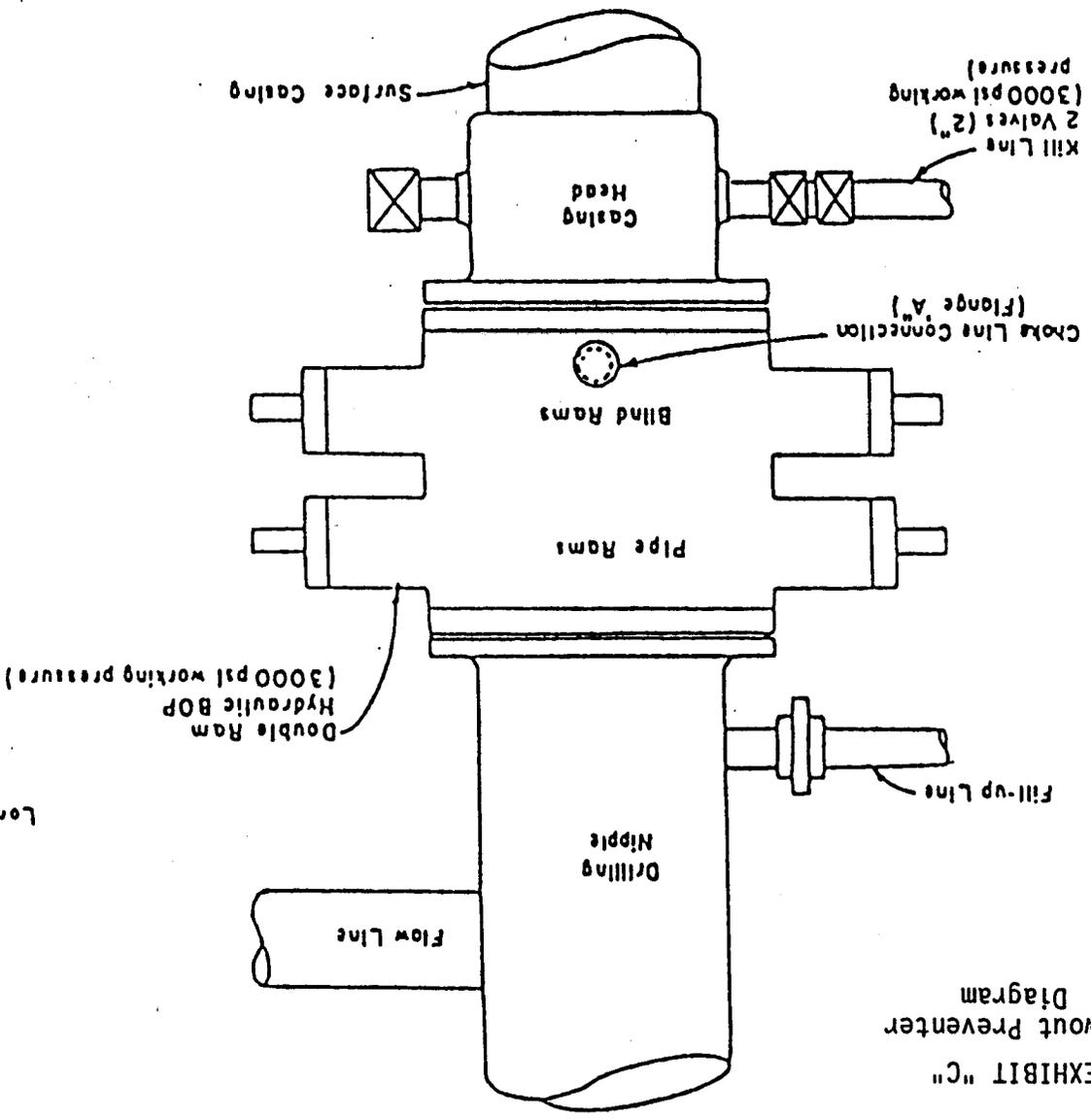
No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been encountered in the area and none are anticipated. The temperature will be monitored in the return line to provide a temperature profile from surface to TD to aid in geothermal resource research.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is as soon as possible.

Drilling operations should be completed 6 to 7 days after spudding.

EXHIBIT "C"
Blowout Preventer
Diagram



PLAN VIEW - CHOKE MANIFOLD

EXHIBIT "D"
MULTI-POINT REQUIREMENTS TO ACCOMPANY APP 1982

SALT LAKE CITY, UTAH

NP Energy Corporation
Federal # 22-2
SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec 22, T20S, R21E, SLM
Grand County, Utah

1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Energy Surveys & Engineering Corp; staking included two 200' reference points with elevations and elevation of location.
- B. Exhibit "E" is the route and distance map. The location is a total of 19.1 miles Northwesterly from Cisco, Utah. To reach the location travel Southwesterly from the Cisco Post Office 3.8 miles to a "T" intersection (this point is 1.6 miles Southeasterly of Exit 128 off Inter- state 70); turn right onto Grand County 40' gravel road (Cunningham Ranch Road) and go Northerly 11.7 miles (across the railroad tracks and under I-70) to a "Y" intersection; turn left and go 1.5 miles Northwesterly on Ranch Road to a "T" intersection; turn left and go Westerly for 0.6 mile to a "Y" intersection; turn right and go Northwesterly for 1.2 miles to the beginning of the flagged access road to be constructed, which goes Southerly 0.3 mile to the location.
- C. Exhibit "F" is an enlarged copy of a portion of the Sege Canyon, Utah, Quadrangle and shows the access road into the location. The green color shows the existing road into the location. The red color indicates new road construction required to reach the location.
- D. All known existing roads appear on Exhibits "E" and "F".
- E. All roads to the beginning of the access to be constructed are in good condition and are carrying truck traffic regularly. Occasional maintenance blading will keep roads in good condition.

2. Planned Access Roads

The proposed access to be constructed is 0.3 mile in length and will be 16' in width. Construction will be to Class 3 Road Standards. The proposed road goes Southerly down a ridge, across a drainage to the location.

- (1) The typical section of the proposed access road will be 16' in width.
- (2) Maximum grade will be 8% or less.
- (3) No turnouts will be required.
- (4) No culverts are required.
- (5) Drainage will be carried in bar ditches to natural drainage courses.
- (6) Road surface material will be that native to the area.
- (7) No cattleguards or gates will be required. This is an open range area.
- (8) The proposed access road was flagged at the time of the on-site meeting.

The operator or his contractor will notify B.L.M. Office in Moab, Utah (phone 801/259-6111) at least 48 hours prior to commencement of any work on this location or roadway.

3. Location of Existing Wells

For all existing wells within a one-mile radius of this development well, see Exhibit "F".

- (1) There are no water wells.
- (2) There are no abandoned wells.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no drilling wells.
- (6) There is one producing well: 14-4 (as shown on Exhibit "F")
- (7) There is one shut-in well: 15-4.
- (8) There are no injection wells.
- (9) There are no monitoring wells or observation wells.

4. Location of Existing and/or Proposed Facilities

A. Within a one-mile radius of this location are the following existing facilities owned or controlled by lessee/operator:

- (1) Tank batteries - none
- (2) Production facilities - 14-4 well.
- (3) Oil gathering lines - none
- (4) Gas gathering lines are under control of Northwest Pipeline Co.
- (5) Injection lines - none
- (6) Disposal lines - none

- B.
- (1) Exhibit "I" shows all anticipated production facilities.
 - (2) The dimensions of production facilities shown on Exhibit "I" are drawn to a scale of 1" = 50'.
 - (3) That portion of the location to be used for production will be leveled for placement of production equipment. Tank batteries will be placed on 3" gravel pad and enclosed within a 4-foot fenced berm which will be at least 15' from any tank. The berm will have a volume in excess of 110% of the volume of the tank battery. The unloading valve will be placed within the berm connected to the truck loading stand with a buried line. An oil sump will be placed around the truck loading stand, consisting of a gravel-filled barrel to catch any spilled oil during the loading operation. Tanks will be painted a neutral color to blend with the area; the B.L.M. will specify the color.

Separators, heater/treaters and meter houses will be placed on gravel pads or concrete bases, and will be painted the same color as the tanks.

Pump-jacks will be placed on concrete bases, or on raised earthen mounds covered with gravel.

- (4) A 6'x6' blow-down pit will be fenced using 36" wovenwire with one barbed-wire above. If oil is present, the pit will be flagged to provide wildlife protection.
 - (5) The proposed pipeline will be buried alongside the access road.
- C. Rehabilitation, whether the well is productive or not, will be made on the unused areas as soon as practical in accordance with the restoration plans presented in Item 10 following.

5. Location and Type of Water Supply

- A. Water will be trucked from Nash Wash at the Cunningham Ranch 2.2 miles Northeast of the location, as shown on Exhibits "E" and "F".
- B. Water will be trucked over the approved access road by oilfield water trucks.
- C. No water well is planned.

6. Source of Construction Materials

A., B., C., D.

No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads from Cisco area. No special access other than for drilling operation is needed.

7. Methods for Handling Waste Disposal

- (1) Drill cuttings will be buried in the blooie pit when covered.
- (2) Drilling fluids will be contained in steel mud pits and the blooie pit. These fluids will be disposed of in the blooie pit.
- (3) Any hydrocarbon liquids produced while drill stem testing or production testing will be contained in a test tank set near the pipe baskets or near the wellhead. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.
- (4) Portable chemical toilets will be provided and serviced by a local commercial sanitary service.
- (5) Garbage and trash will be collected in a trash cage and its contents hauled to a sanitary landfill.
- (6) Previous to commencement of drilling, the blooie pit will be fenced on three sides using 36" woven wire with one strand of barbed-wire above. When drilling activities are completed it will be fenced on the fourth side and allowed to dry (if liquids are present). Otherwise, reclamation procedures will commence to rehabilitate and reseed the disturbed areas outside of the area needed for production. See Item 10 for other rehabilitation requirements.

8. Ancillary Facilities

No air strips, camps, or other living facilities will be built off the location. Housing and office trailers will be on the location as seen on Exhibit "H".

9. Well Site Layout

- (1) Exhibit "G" is the Drill Pad Layout as staked by Energy Surveys & Engineering Corp. Cut and fill contours have been drawn on this plat. Topsoil, surplus material, trees and brush to be stockpiled have been shown. The top 6" of topsoil from the disturbed area of the pit and pad will be stockpiled as shown on Exhibit "G".

Exhibit "G," shows the cut/fill cross-sections as taken from Exhibit "G".

- (2) (3) The mud tanks, blooie pit, trash cage, chemical toilet, pipe racks, living facilities, rig orientation, parking areas and access road are all shown on Exhibit "H".
- (4) The blooie pit will have a cleared area around its outside perimeter of a dozer width taken to mineral soil as a fire control measure. The blooie pit will not be lined.

10. Plans for Restoration

- (1) Backfilling, leveling, and recontouring will be accomplished as soon as possible after plugging of the well, or on those unused areas if production is obtained. Rehabilitation work will commence within 90 days of completion of this well. Waste disposal and spoils materials will be buried or hauled away.
- (2) All disturbed areas will be scarified with the contour to a depth of 12 inches. The stockpiled topsoil will be evenly distributed over the disturbed area to be rehabilitated. The attached seed mixture approved by the B.L.M. will be broadcast over the rehabilitated areas. A harrow-type implement will be drug over the seed bed to insure seed cover. The stockpiled trees and brush will be spread over the reseeded area and crushed by walking over them with a dozer.
- (3) Three sides of the reserve pit will be fenced prior to drilling. Upon completion the fourth side will be fenced until rehabilitation necessitates removal.
- (4) Any oil spills will be immediately reported, and cleaned up or flagged.
- (5) Rehabilitation operations will commence as soon as practical and in no event will commence later than 90 days after completion of the well. All recontouring, rehabilitation, reseeding will continue until completed unless so directed by the B.L.M.

EXHIBIT "D"
Page 6
Federal # 22-2

- (6) The Grand Resource Area in Moab, Utah, will be called at least 48 hours before work begins on the rehabilitation program.

11. Other Information

- (1) Topographic and Geologic Features of the area (reference Topographic Map "F"):

The location is on the Southerly edge of a drainage which flows Southeasterly. The area is highly-eroded Mancos formation (with mesas and gulches). A sagebrush and juniper mesa lies to the West and North.

The flora of the area consists of sagebrush, rabbit brush, Indian rice grass, cheatgrass, prickly pear cactus and matt saltbush.

The fauna of the area consists of horses, cattle, deer, coyotes, rabbits, rodents, raptors and songbirds.

- (2) The surface ownership is Federal. The surface use is grazing and petroleum production.
- (3)
 - (a) The nearest live water is Nash Wash, 0.6 air mile Northeasterly of the location, as shown on Exhibit "F".
 - (b) The nearest occupied dwelling is the Cunningham Ranch Headquarters, 0.9 air mile from the location, as shown on Exhibits "E" and "F".
 - (c) An archaeological report by Grand River Consultants is being sent under separate cover.
- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Horse pasture restrictions stipulate that no construction activity will occur from November 1 through March 31.

12. Lessee's or Operator's Representative

Bob Kazarian - President
NP Energy Corporation
11340 W. Olympic Blvd.
Los Angeles, CA 90064

Telephone (213) 477-5504

Dan Green - Operations Supervisor
NP Energy Corporation
2680 Bl/2 Road
Grand Junction, CO 81503

Telephone (303) 241-5456

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by NP Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/29/82

DATE

Bob Kazarian
REPRESENTATIVE

EXHIBIT 'E'
VICINITY MAP
NP ENERGY CORP
FEDERAL # 22-2

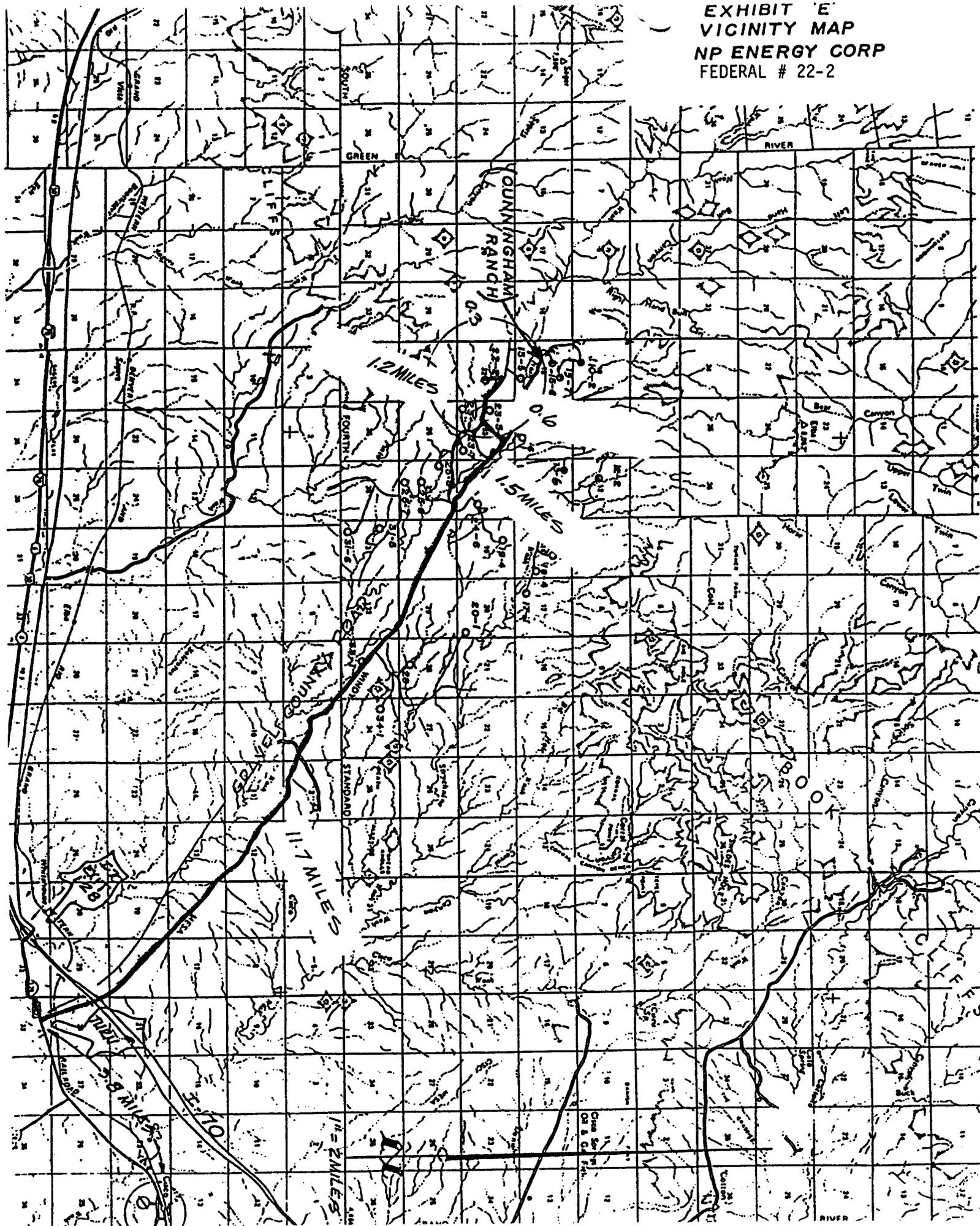
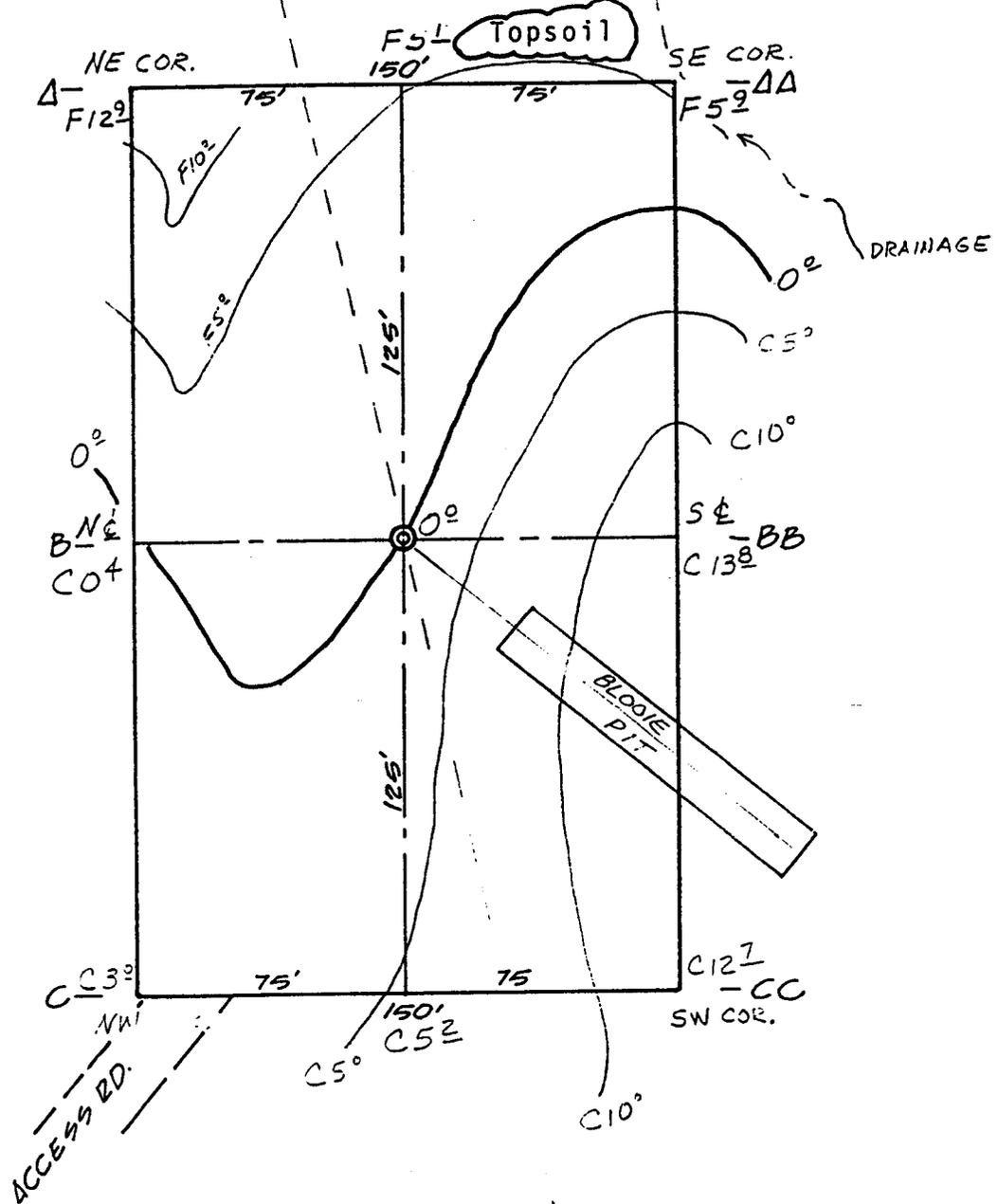
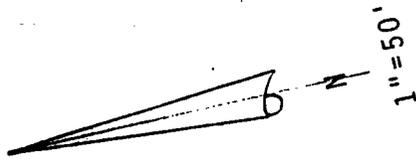


EXHIBIT 'G'
PIT & PAD LAYOUT
FEDERAL # 22-2

REF. PT. 200' EAST
REBAR-CAP & STEEL POST

F51



ESTIMATED YARDAGE

CUT 4280 C.Y.
FILL 2400 C.Y.
TOPSOIL 1430 C.Y.
SURPLUS 400 C.Y.

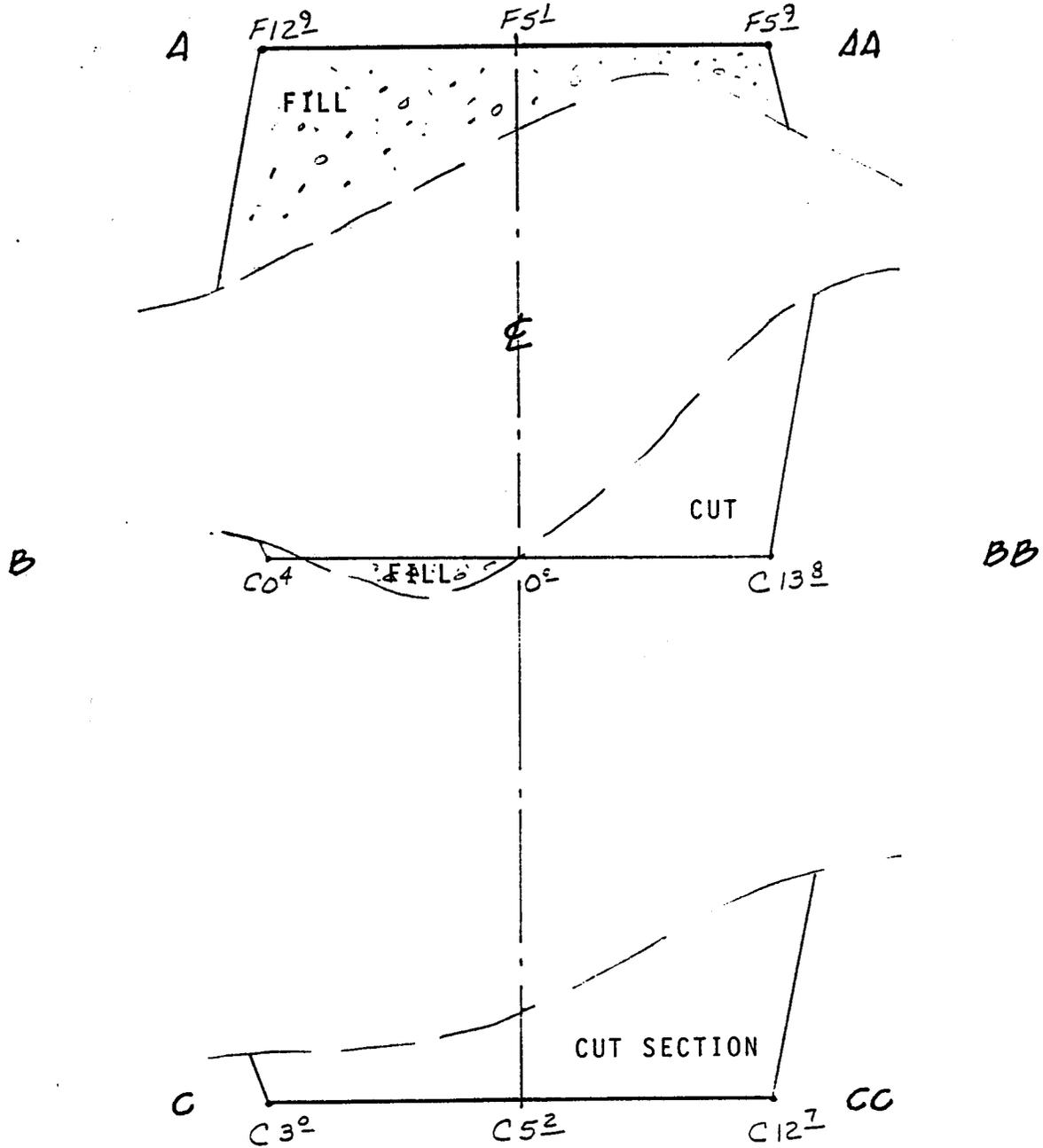
PREPARED BY ENERGY SURVEYS & ENGINEERING CORP.

REF. PT. 200' WEST
REBAR-CAP & STEEL POST

NP ENERGY CORP.
FED. # 22-2

EXHIBIT G₁

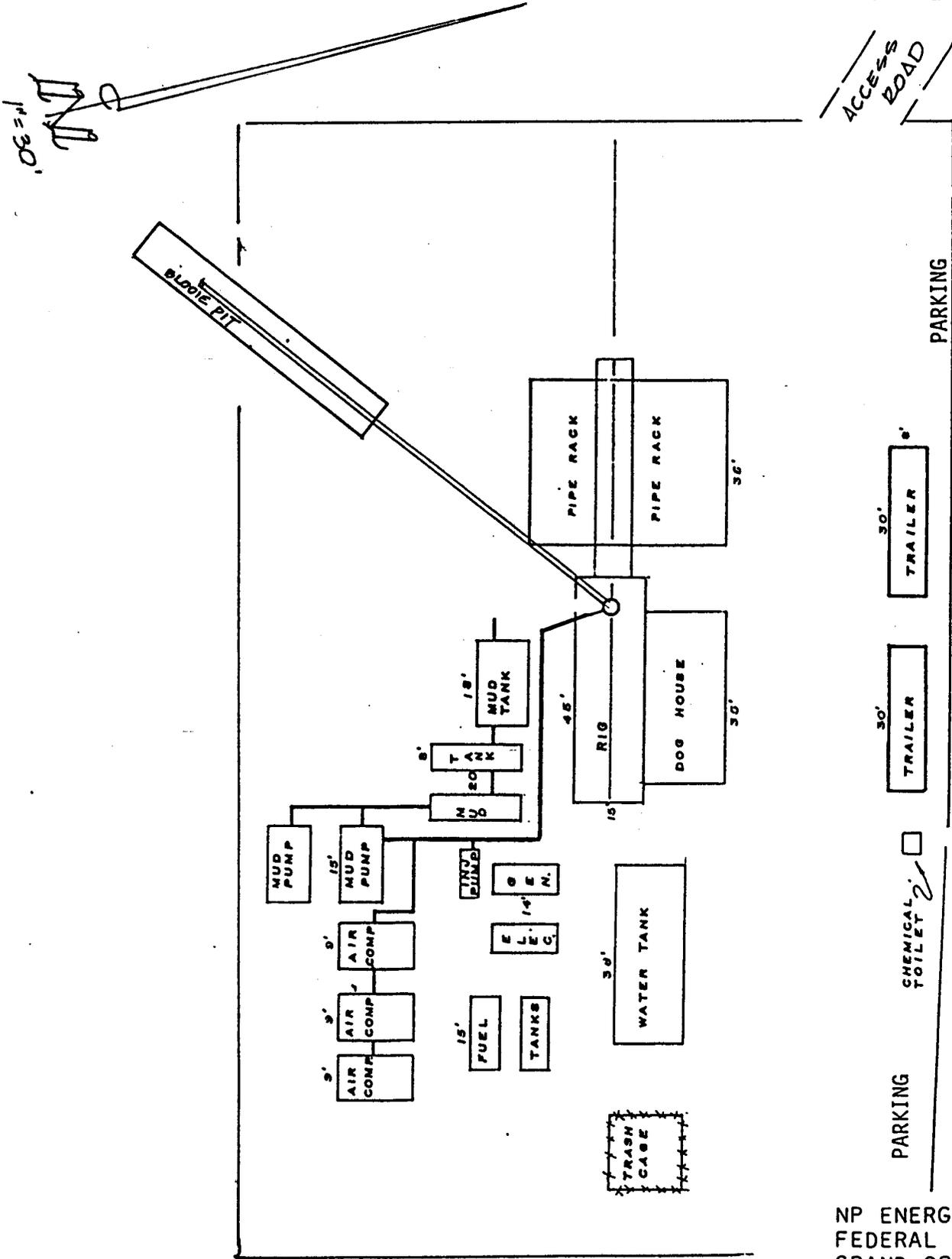
CROSS-SECTIONS
OF DIT & PAD ON THE
FEDERAL # 22-2



PREPARED BY
ENERGY SURVEYS & ENGINEERING CORP.

ND ENERGY CORP.
FED. # 22-2
GRAND COUNTY, UTAH

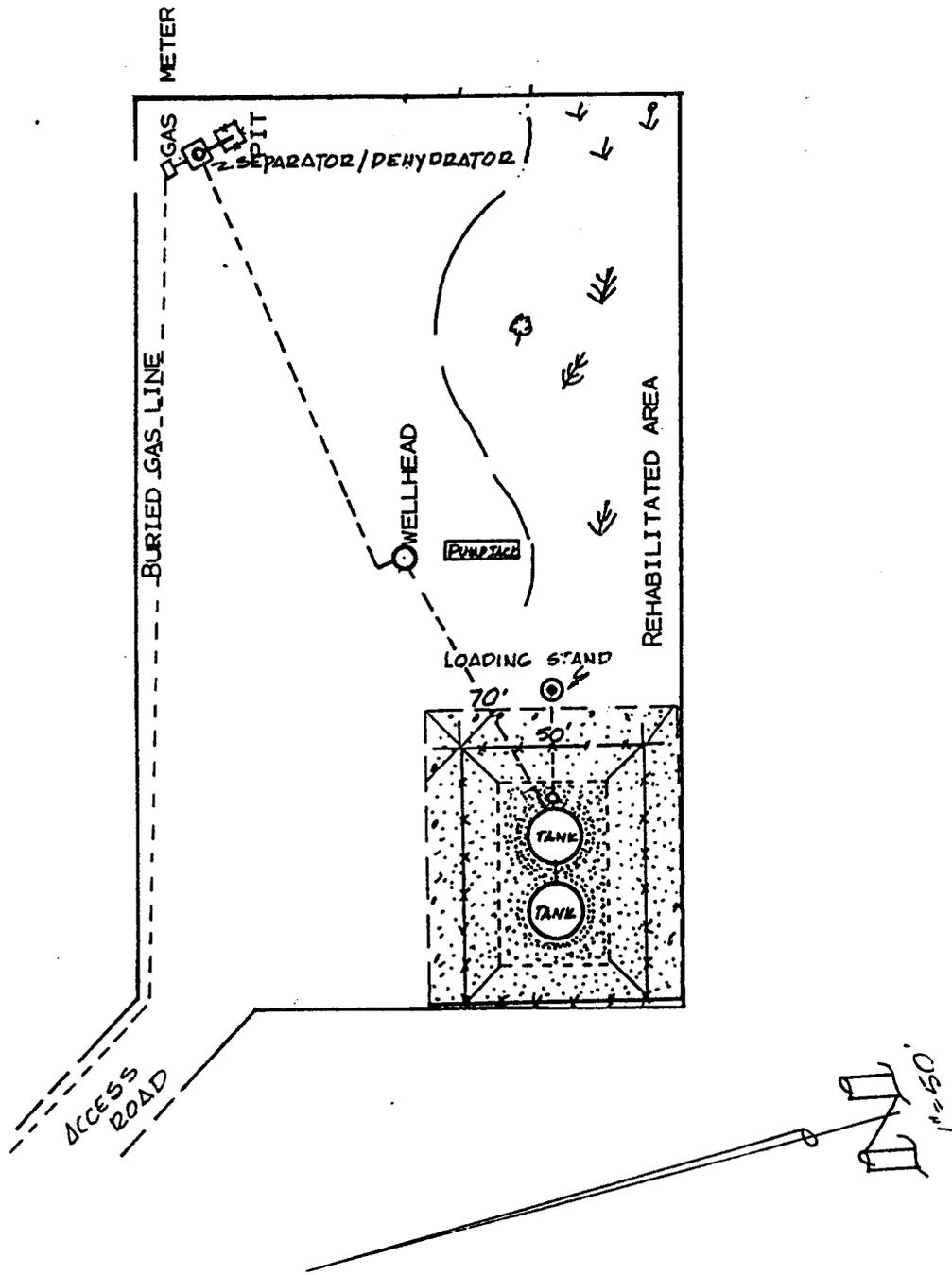
EXHIBIT H
 DRILL RIG LAYOUT
 FEDERAL # 22-2



prepared by
 Energy Surveys & Engineering Corp.

NP ENERGY CORP.
 FEDERAL # 22-2
 GRAND COUNTY, UTAH

EXHIBIT 'I'
FEDERAL # 22-2
PRODUCTION FACILITIES



REHABILITATION AGREEMENT

Lease No. U-02140 Well Name and No. FEDERAL # 22-2
Location: SW 1/4 NE 1/4, Sec. 22, T20S., R.22E., S.L.M.

NP Energy Corporation intends to drill a well on surface owned by FEDERAL. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

Yes No Maintain access road and provide adequate drainage to road.

Yes No Reshape and reseed any area in excess of the pump and support facilities.

Other requirements: _____

The following work will be completed when the well is abandoned:

Yes No Site will require reshaping to conform to existing topography.

Yes No Pit will be fenced until dry, then filled to conform to topography.

Yes No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:

As stipulated by B.L.M.

Yes No Access road will be rehabilitated and reseeded using the same seed mixture as above.

Yes No Access road will remain for landowner's use.

Other requirements: _____

Landowner

Name: Bureau of Land Management
Address: Moab District-P.O. Box M
City: Moab
State: Utah
Telephone: 801/259-6111
Date: 6-10-82

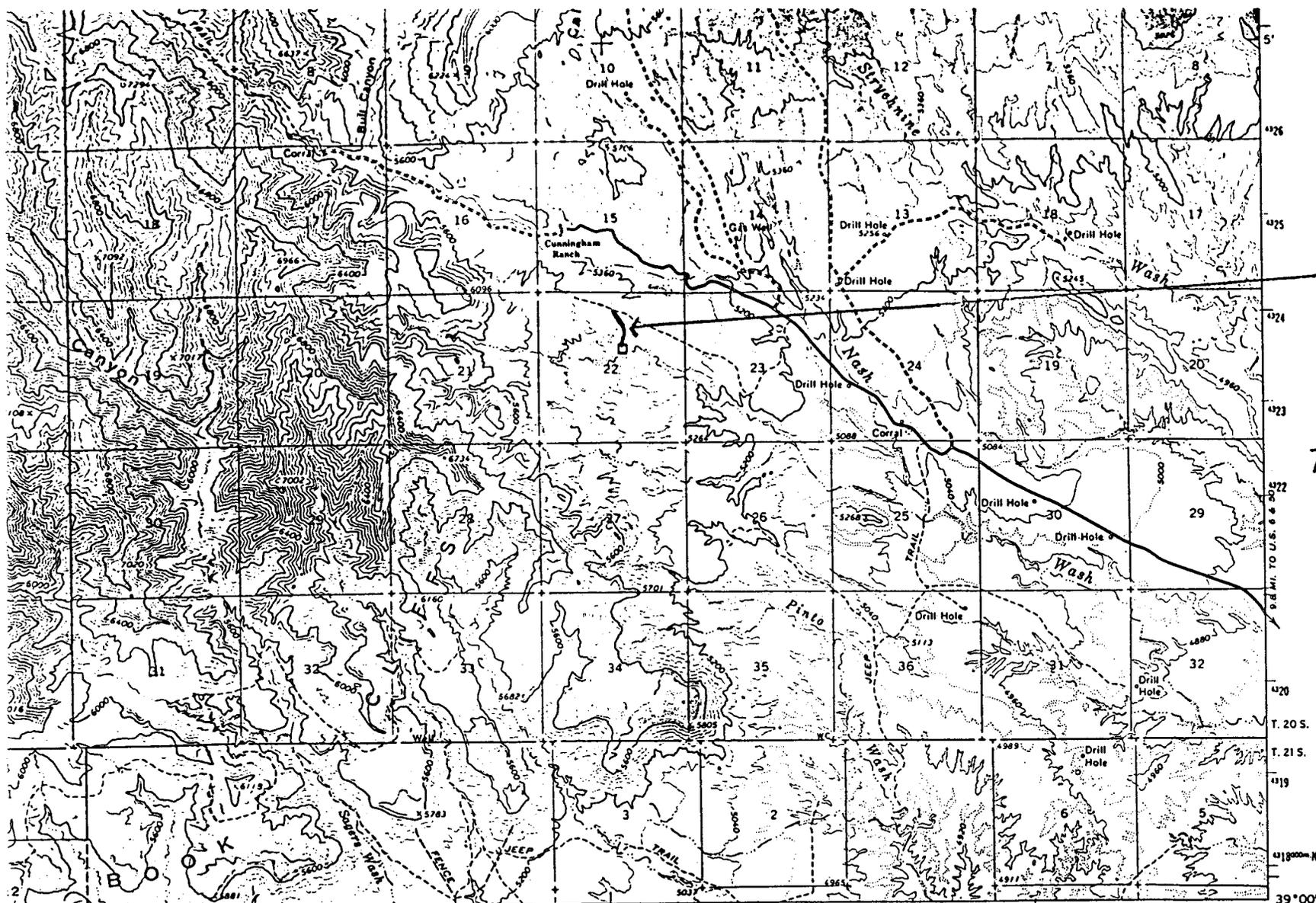
Operator/Lessee

Name: NP Energy Corp.
Address: 4669 SW Freeway, Suite 740
City: Houston
State: Texas
Telephone: 713/871-9235
Date: 6-10-82

Yes No I certify that rehabilitation has been discussed with the surface owner.

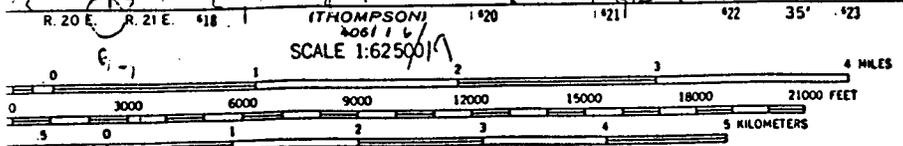


This agreement covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.



NP Energy
Well 22-2
Access Rd
Re-route

T20S
R21E



CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
MADE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Light-duty ——— Unimproved dirt - - - - -

○ State Route

SEGO CANYON, UTAH
N3900—W10930/15

1963

AMS 4062 II—SERIES V797

December 27, 1982

NP Energy Corporation
11340 W. Olympic Blvd. Suite 175
Los Angeles, California 90064

RE: Application for Federal 22-2
Sec. 22, T.20S, R.21E
Grand County, Utah

Gentlemen:

Our records indicate you have filed federal application for permit to drill Well No. Federal 22-2b but have not yet filed application with the State of Utah. Applications must receive State approval in addition to federal approval in order to commence drilling.

Please provide the necessary application for permit to drill, or otherwise advise on the status of the permit. A copy of the federal application with attachments and cover letter is acceptable.

Respectfully,

Norm Stout
Administrative Assistant

NS/as

OPERATOR NIP ENERGY CORP

DATE 1-7-83

WELL NAME FED 22-2

SEC SWNE 22 T 20S R 21E COUNTY GRAND

43-019-31040
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

DJK

APPROVAL LETTER:

102-48 (AMENDED)
2-24-83

SPACING:

A-3

_____ UNIT

c-3-a

~~102-16B~~ 11-15-79
CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER

102-1613

UNIT

No

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER



*asked jack to
publish show
cause 1-31-83
spc*

January 25, 1983

State of Utah
Natural Resources & Energy
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Mr. Norm Stout
Holding File

Dear Mr. Stout,

NP Energy Corporation has applied for an Application to Drill the Federal 22-2 located 1929' FNL and 2132' FEL, SW/NE Section 22 T20S R21E, S.L.M., Grand County, Utah on the Federal Lease U-02140.

The nearest well location is the Federal 22-1, located 1526' FNL and 884' FEL, SE/NE Section 22, T20S R21E, S.L.M., Grand County, Utah on the Federal Lease U-02140.

It has been brought to our attention that the Federal 22-2 location is 1312' from the Federal 22-1, a currently producing gas well. Special Spacing Order 102-16B, Field Rule 2-2 reads as follows.

"....., or less than 1320 feet from any gas well, unless otherwise specifically authorized by the Board after notice of hearing."

Due to the fact that the spacing is only 8 feet short of the State Spacing regulation, NP Energy Corporation hereby requests an exception to Special Spacing Order 102-16B, and permission to drill the Federal 22-2 at the above described location.

Please contact our office of the final determination.

Sincerely,

Bob Kazarian
Bob Kazarian
President



January 25, 1983

State of Utah
Natural Resources & Energy
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Mr. Norm Stout
Holding File

Dear Mr. Stout,

As per our telephone conversation, please find enclosed a copy of the Exhibit "F" showing the lease U-02140 outlined in Red for the application of the Federal 22-2.

Also enclosed is a letter requesting a exception for Special Spacing Order 102-16B for the Federal 22-2 executed by Bob Kazarian, President of NP Energy Corporation.

Please let us know if you need further information to complete the application for drilling.

Sincerely,

A handwritten signature in cursive script that reads 'Robyn Marshall'.

Robyn Marshall
Assistant Treasurer

rdm/

RECEIVED
JAN 28 1983

**DIVISION OF
OIL GAS & MINING**

February 23, 1983

2nd NOTICE

NP Energy Corporation
11340 W. Olympic Blvd. Suite 175
Los Angeles, California 90064

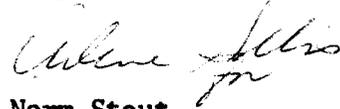
RE: Application for Permit to Drill
Well No. Federal 22-2
Sec. 22, T.20S, R.21E
Grand County, Utah

Gentlemen:

Our records indicate you have filed federal application for permit to drill Well No. Federal 22-2, but have not yet filed application with the State of Utah. Applications must receive State approval in addition to federal approval in order to commence drilling.

Please provide the necessary application for permit to drill, or otherwise advise on the status of the permit. A copy of the federal application with attachments and cover letter is acceptable.

Respectfully,



Norm Stout
Administrative Assistant

NS/as

February 28, 1983

NP Energy Corporation
11340 W. Olympic Blvd., Suite 175
Los Angeles, California 90064

RE: Well No. Federal 22-2
SWNE Sec. 22, T.20S, R.21E
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-48 (Amended) dated February 24, 1983.

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

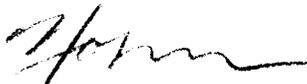
RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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 43-019-31040.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure



Handlyn m
Please check
state status of
APD's

November 16, 1983

State of Utah
Natural Resources & Energy
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen,

Enclosed please find a copy of a letter to the BLM to request the approval of Drilling Permits that are expired or are soon to be expired.

Also enclosed are copies of the APD for the following wells:

Federal 13-6
Federal 15-6
Federal 22-2
Federal 23-7
Federal 25-5

Please contact our office for any information that your office requires for the State files.

Sincerely,

Robyn Marshall
Assistant Secretary

rdm/



November 16, 1983

Bureau of Land Management
Moab District Office
P.O. Box 970
Moab, Utah 84532

Gentlemen;

It has come to our attention that the following APPLICATION TO DRILL are expired or are soon to be expired.

In contacting your office, the procedure to renew the applications (assuming there are no changes) requires the resubmittal of form 9-331-C for each of the wells.

NP Energy Corporation hereby resubmits the following APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK for the following wells:

Federal 15-6
Federal 13-6
Federal 22-2
Federal 23-7
Federal 25-5

Should you require further information, please contact our office.

Sincerely,

A handwritten signature in cursive script that reads 'Robyn Marshall'.

Robyn Marshall
Assistant Secretary

rdm/

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

SUBMIT IN "PLICATE"
(Other instructions on reverse side)

7

3. Lease Designation and Serial No.
II-2140 02140
6. If Indian, Allottee or Tribe Name
N/A
7. Unit Agreement Name
N/A
8. Farm or Lease Name
FEDERAL
9. Well No.
FEDERAL-22-2
10. Field and Pool or Wildcat
Cisco Dome
11. Sec., T., R., M. or Bk. and Survey or Area
SW1/4 NE1/4, Sec. 22
T20S, R21E, S.L.M.
12. County or Parrish
Grand
13. State
Utah

APPLICATION-FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [] PLUG BACK []

b. Type of Well
Oil Well [] Gas Well [X] Other []
Single Zone [] Multiple Zone []

2. Name of Operator
NP Energy Corporation
3. Address of Operator

4. Location of Well (Report location clearly and in accordance with any State requirements.)
11340 W. Olympic Blvd. Ste. 175 LA CA 90064
SW/NW Section 22 T20S, R21E, S.L.M.

At proposed prod. zone 1929' fr. N-Line and 2132' fr. E-Line

14. Distance in miles and direction from nearest town or post office?
Approximately 14 1/2 miles from Cisco, Utah Grand Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any)
1929'
16. No. of acres in lease
2400 Acres
17. No. of acres assigned to this well
160 Acres

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.
1850'
19. Proposed depth
3265'
20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
5309 Grd; 5319 K.B.
22. Approx. date work will start?
1/10/84

Table with 5 columns: Size of Hole, Size of Casing, Weight per Foot, Setting Depth, Quantity of Cement. Rows include 12 1/4" hole with 8 5/8" casing and 7 7/8" hole with 4 1/2" casing.

It is planned to drill a well at the above location to test the gas and/or oil production possibilities of the sands in the Dakota, Cedar Mt., Morrison, and Entrada formations. The well will be drilled to approximately 50 to 100' below the top of the Entrada formation, if conditions permit. The face casing (8 5/8") will be set at about 200' K.B. and cemented with returns to the surface. A blowout preventer and rotating head will be installed on top of the surface casing. Fill and kill lines will be connected to the well head below the blind rams on the blowout preventer. Any gas encountered will be flared at the end of the Blewie Line and roughly checked for volume thru a 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis of the well is attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed: Bob Karsen Title: President Date: 11/7/83

(This space for Federal or State office use)
Permit No. /s/ Kenneth V. Rhea Approval Date: DEC 05 1983
Approved by: Associate DISTRICT MANAGER Title: Date:
Conditions of approval, if any:

THIS REAPPROVAL IS SUBJECT TO ALL OF THE CONDITIONS OF APPROVAL
ORIGINALLY APPROVED ON November 15, 1982

See Instructions On Reverse Side

REC'D. MOONOV 30 1983

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

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

OK

5. Lease Designation and Serial No. II-2140
6. If Indian, Allottee or Tribe Name N/A
7. Unit Agreement Name N/A
8. Farm or Lease Name FEDERAL
9. Well No. FEDERAL 22-2
10. Field and Pool, or Wildcat Cisco Dome
11. Sec., T., R., M., or Bk. and Survey or Area SW1/4 NE1/4, Sec. 22 T20S, R21E, S.L.M.
12. County or Parrish Grand 13. State Utah

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 NP Energy Corporation
3. Address of Operator 11340 W Olympic Blvd, Ste. 175 LA CA 90064

4. Location of Well (Report location clearly and in accordance with any State requirements.)
As surface SW/NW Section 22 T20S, R21E, S.L.M.
At proposed prod. zone 1929' fr. N-Line and 2132' fr. E-Line

14. Distance in miles and direction from nearest town or post office*
Approximately 14 1/2 miles from Cisco, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 1929'
16. No. of acres in lease 2400 Acres
17. No. of acres assigned to this well 160 Acres
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 1850'
19. Proposed depth 3265'
20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 5309 Grd; 5319 K.B.
22. Approx. date work will start* 1/10/84

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24.00#</u>	<u>200'</u>	<u>100 sks</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>10.50#</u>	<u>Thru pay zone-cemented to 200' above KB</u>	

It is planned to drill a well at the above location to test the gas and/or oil production possibilities of the sands in the Dakota, Cedar Mt., Morrison, and Entrada formations. The well will be drilled to approximately 50 to 100' below the top of the Entrada formation, if conditions permit. The face casing (8 5/8") will be set at about 200' K.B. and cemented with returns to the surface. A blowout preventer and rotating head will be installed on top of the surface casing. Fill and kill lines will be connected to the well head below the blind rams on the blowout preventer. Any gas encountered will be flared at the end of the Blewie Line and roughly checked for volume thru a 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis of the well is attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Bob Karrison Title President Date 11/7/83

(This space for Federal or State office use)
Permit No. Approval Date
Approved by Title Date
Conditions of approval, if any:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

file
Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

November 25, 1983

NP Energy Corporation
11340 West Olympic Blvd.
Suite 175
Los Angeles, CA 90064

Gentlemen:

This is in reference to your letter of November 16, 1983 concerning your request for approval of drilling permits for Federal wells 13-6, 15-6, 22-2, 23-7 and 25-5 in Grand County, Utah.

At this time Federal 22-2 is the only well that is currently permitted through this office.

Our records indicate Federal wells 13-6, 15-6, 23-7 and 25-5 were changed to read Location Abandoned and have not been drilled as of October 28, 1982.

In order to permit these four wells, we need you to submit new applications for Permit to Drill with the same attachments you send to the BLM.

If we can be of further assistance, please do not hesitate to call on us.

Sincerely,

Arlene Sollis
Administrative Assistant

AS:sw



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

December 23, 1983

N P Energy Corp.
11340 W Olympic Blvd. Suite #175
Los Angeles CA 90064

Re: Well No. Federal #22-2
API #43-019-31040
1929' FNL, 2132' FEL SW NE
Sec. 22, T. 20S, R. 21E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CJ/cj



December 30, 1983

State of Utah
Natural Resources
4241 Sate Office Bldg.
Salt Lake City, Utah 84114

Attention: Claudia Jones

Re: Well No. Federal #22-2
API #43-019-31040
Sec. 22, T20S, R21E
Grand County, Utah

Dear Ms. Jones:

In reference to your letter dated December 23, 1983, regarding the Permit to Drill on the above location, this well has not been spudded as of this date. Approximate date work will begin January, 1984.

When we spud this well I will be happy to file the necessary forms.

If I can be of any further assistance please don't hesitate to call.

Sincerely,

NP ENERGY CORPORATION

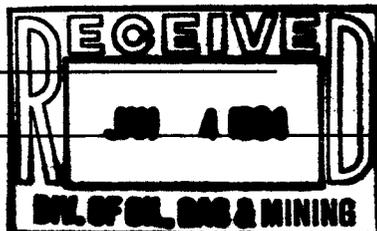
Annette R. Whatley

Annette R. Whatley

ARW:s

Received

BY: _____



RECEIVED
JAN 0 4 1984

DIVISION OF
OIL, GAS & MINING

Moab District
P. O. Box 970
Moab, Utah 84532

21 JAN 1985

NP Energy Corporation
11340 West Olympic Blvd
Los Angeles, CA 90064

Re: Rescinding Application for
Permit to Drill
Well No. Federal 22-2
Sec. 22, T. 20 S., R. 21 E.
Grand County, Utah
Lease U-02140

Gentlemen:

The Application for Permit to Drill the referenced well was approved on December 5, 1983. Since that date, no known activity has transpired at the approved location.

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.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely,

/S/ GENE NODINE

District Manager

cc:
State of Utah, Division of Oil, Gas and Mining ✓
Grand Resource Area

bcc:
U-942, Utah State Office

CFreudiger/cf 1/17/85



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

February 1, 1985

NP Energy Corporation
11340 West Olympic Boulevard, Suite 175
Los Angeles, California 90064

Gentlemen:

Re: Well No. Federal 22-2 - Sec. 22, T. 20S., R. 21E.
Grand County, Utah - API #43-019-31040 - Lease #U-02140

In concert with action taken by the Bureau of Land Management, January 21, 1985, approval to drill the above referred to well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Petroleum Engineer

clj

cc: Dianne R. Nielson
Ronald J. Firth
File

0087S/7