

JACK GRYNBERG AND ASSOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

1050 17th STREET • SUITE 1950 • DENVER, COLORADO 80265 • PHONE 303 - 572-1455

TELEX: 45-4497 ENERGY DVR
TELECOPIER: 303-623-5224

December 3, 1979

Utah State Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: Filing NTL-6 and APD Form 9-331C
Jack and Celeste Grynberg
#1-28 Federal
SE $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 28, T38S, R25E
San Juan County, Utah

Gentlemen:

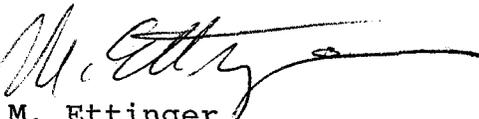
Enclosed is one copy of the NTL-6 program and A.P.D. Form 9-331C for the above-captioned well location.

The archaeological report is not included with the NTL-6 report, but will be submitted at a later date. Mr. M. Metcalf of the Archaeological Division of Powers Elevation in Eagle, Colorado, is coordinating this survey with the BLM.

We shall appreciate your earliest attention to the above matter, since the lease will expire the end of December.

Very truly yours,

JACK GRYNBERG AND ASSOCIATES



M. Ettinger
Exploration Manager

ME:ls

Enc.

**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
 Jack & Celeste Grynberg (Jack Grynberg & Associates)

3. ADDRESS OF OPERATOR
 1050 17th Street, Suite 1950, Denver, CO 80265

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 2000' FWL, 800 FSL (SESW)
 At proposed prod. zone
 SAME

5. LEASE DESIGNATION AND SERIAL NO.
 U-10428A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 #1-28

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 28, T38S, R25E

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 41 miles by road SE of Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 2000'

16. NO. OF ACRES IN LEASE
 1920

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80 acres

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 none

19. PROPOSED DEPTH
 5700' *Desert Creek*

20. ROTARY OR CABLE TOOLS
 Rotary

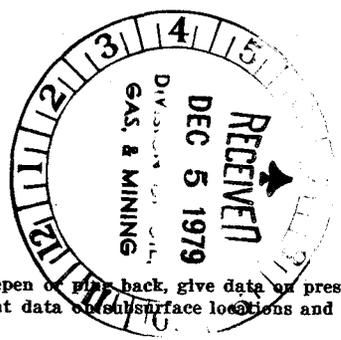
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 4800'

22. APPROX. DATE WORK WILL START*
 Dec. 30, 1979

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	Culvert	40'	cement to surface
12 1/4"	10 3/4"	40.5#	500'	350 SX
7 7/8"	4 1/2"	10.5#	5500'	500' above top of pay.

- Rig up drill 17 1/2" hole, set 13 3/8" conductor pipe
- Drill 12 1/4" hole to 500' set surface casing of 10 3/4"
- Log B.O.P. check in daily reports and drill 7 7/8" hole to 5700'.
- Run tests if warranted and run 4 1/2" casing if productive.
- Run logs, as needed, and perforate and stimulate as needed.



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 [Signature] TITLE Exploration Manager DATE 11/30/79

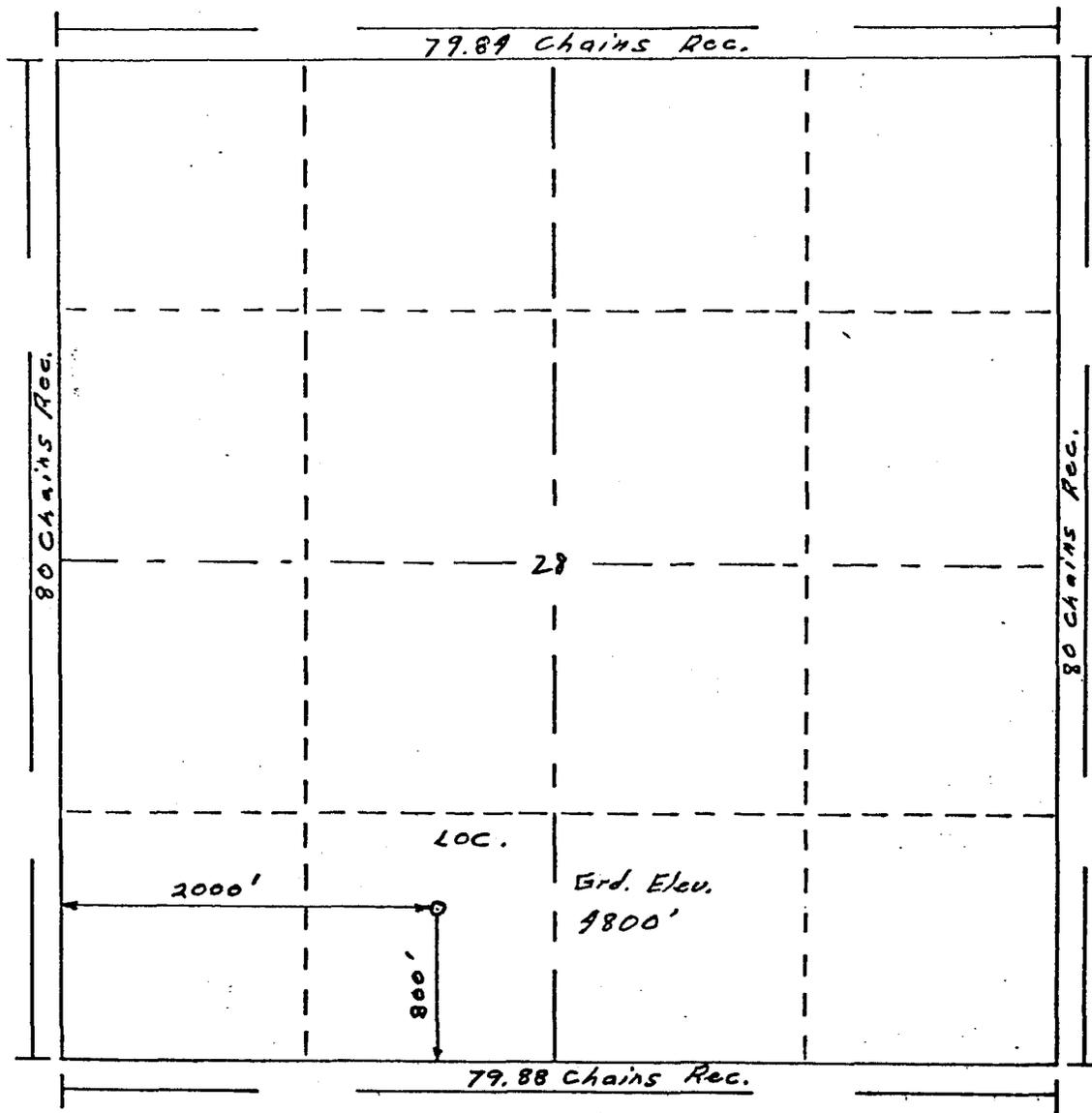
PERMIT NO. 43-037-30519 APPROVAL DATE Dec 6, 1979

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



R. 25 E.



T. 38 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
 has in accordance with a request from *Morris Ettinger*
 for *JACK Brynberg & Assoc.*
 determined the location of *Federal 1-28*
 to be *2000' FWL & 800' FSL* Section 28 Township 38 S
 Range 25 E Salt Lake Meridian
 San Juan County, Utah

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of

Date: 27 Nov '79

J. Nelson
 Licensed Land Surveyor No. 2711
 State of UTAH

PROPOSED LOCATION: JACK GRYNBERG + ASSOCIATES

#1-28 FEDERAL

EXHIBIT "E,"
ACCESS TO LOCATION

SE SW 28-T30S-R25E
SAN JUAN CO, UTAH

UNITED STATES
ATOMIC ENERGY CO
MONUMENT CANYON

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

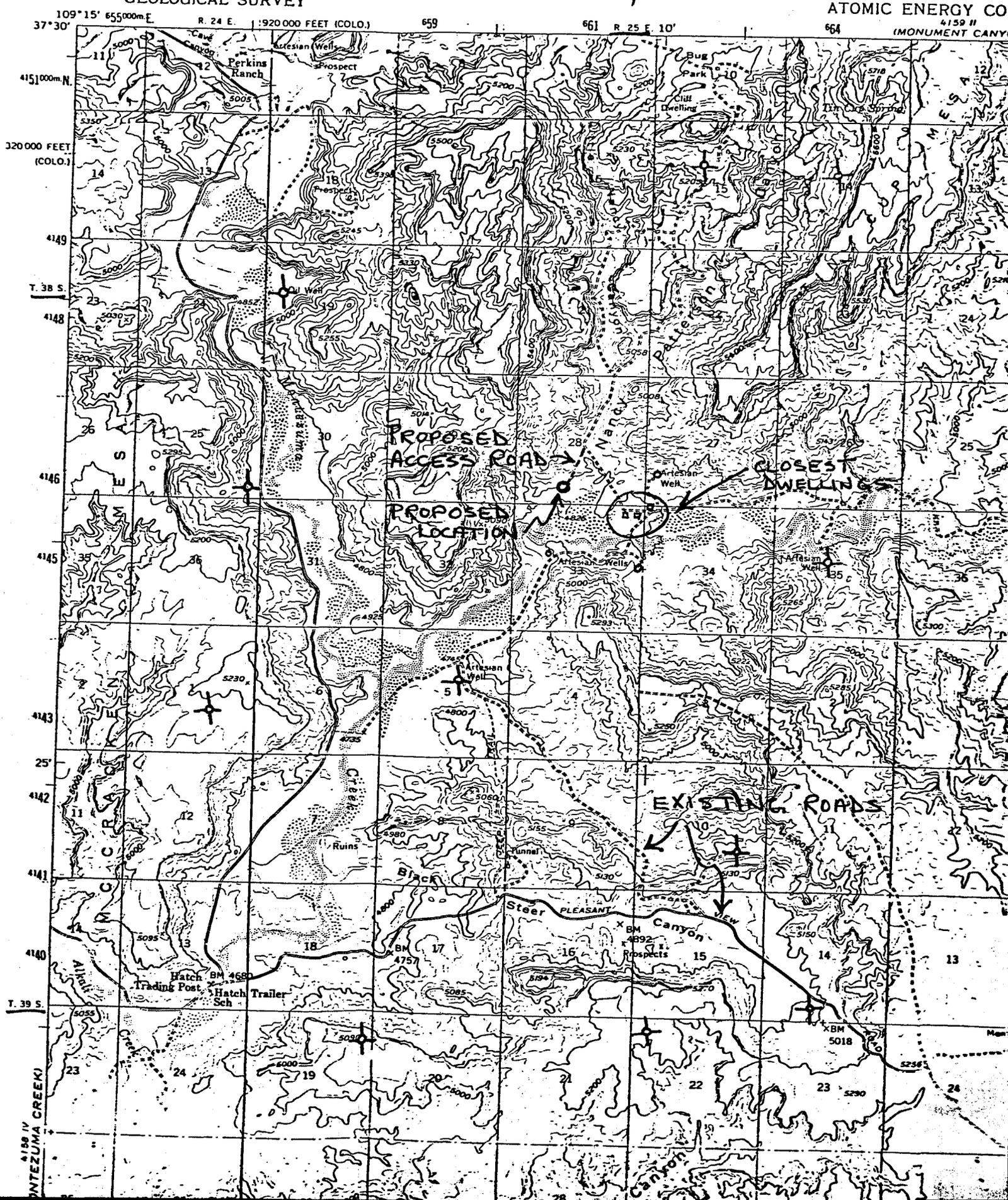


EXHIBIT "E"

ACCESS ROAD ONTO LOCATION

Closest town

JACK GRYNBERG + ASSOCIATES
#1-28 FEDERAL
SESW Sec 28 T38S-R2SE
San Juan County, Utah

LEGEND

-  PAVED ROAD
-  GRAVEL ROAD
-  GRADED ROAD
-  NEW ACCESS ROAD



5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include a kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>INTERVAL</u>	<u>TYPE</u>	<u>WEIGHT #/gal.</u>	<u>VISCOSITY-sec./qt.</u>	<u>FLUID LOSScc</u>
0-500'	Native mud	-----	-----	-----
500-TD	Chemical gel	10.8	42	7

7. The Auxiliary Equipment to be Used

- (a) A kelly cock will be kept in the string.
- (b) A float will be used at the bit.
- (c) A gas detecting device will be monitoring the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- (a) DST's will be as required.
- (b) The logging program will consist of a Dual Induction Focused Log and a porosity log as required from 2,000' to total depth. Other logs will be determined at well site to best evaluate any shows.
- (c) No coring is anticipated.
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is \pm 3500 psi.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

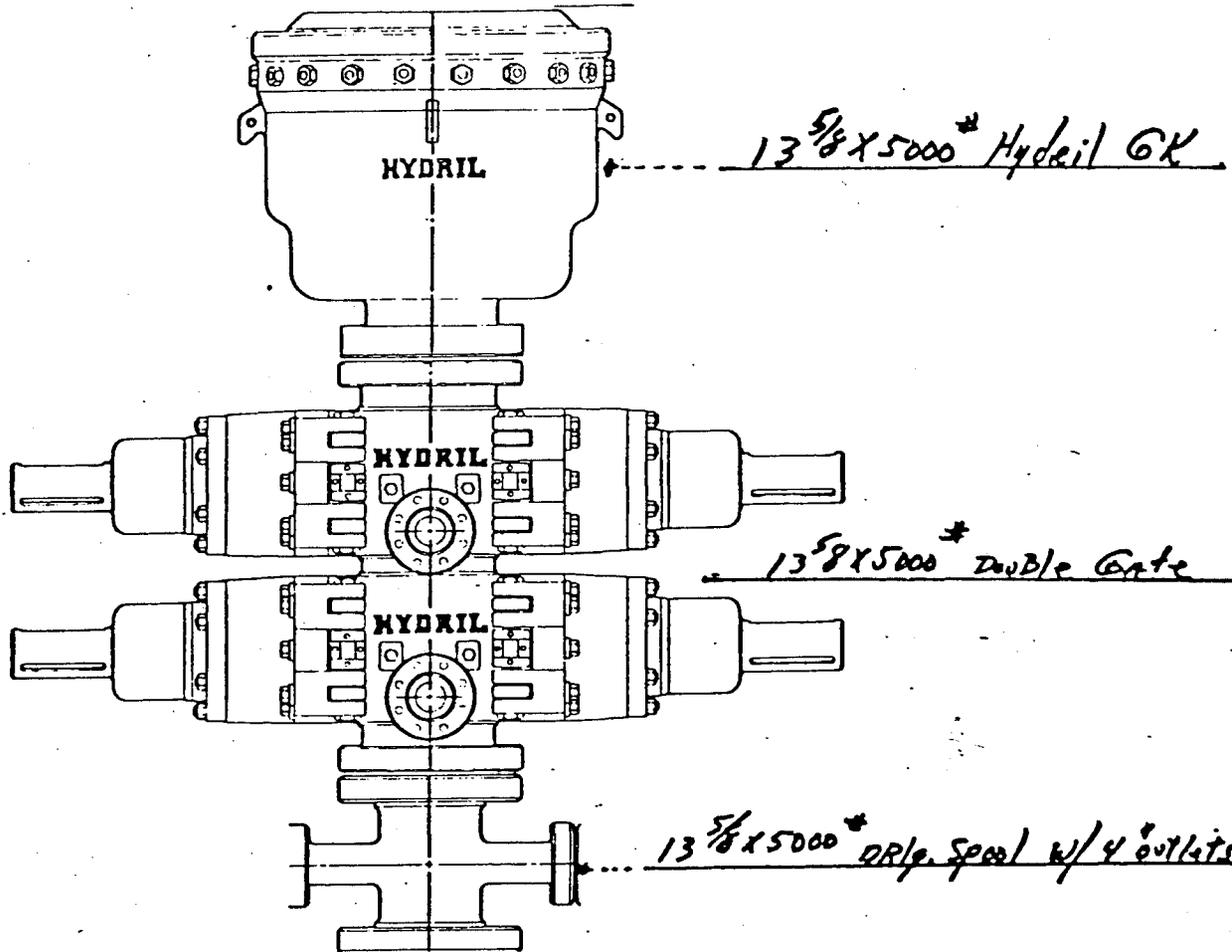
10. Anticipated Starting Date and Duration of the Operations

The well will be spudded on December 30, 1979. A deep rig will be brought to location as soon as practicable thereafter. Operations should be completed within 30 days after spudding the well and drilling to casing point.

UNIVERSAL DRILLING COMPANY

Rig # 7 110 NAT'L

B.O.P. Stack



All Items H₂S Trimmed

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Attached to Form 9-331C
Jack Grynberg & Associates
#1-28 Federal
SE SW Sec. 28, T38S, R25E
800' FSL & 2000' FWL
San Juan County, Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as EXHIBIT "A".
- B. The distance from Blanding, Utah is 41 miles. Proceed South from Blanding on a paved road, highway 47, a distance of 15 miles to its junction with highway 262. Proceed East on highway 262, a paved road, a distance of 9 miles to its junction with Pleasant View Road. Proceed east on Pleasant View Road, a paved road, a distance of 7 miles to Hatch Trading Post. Continue East on a gravel road a distance of 4 miles to a junction. Proceed North on graded road that will require improvement, a distance of 6 miles to the point where the new access road will begin, thence south-west 0.5 mile to location, as shown in EXHIBITS "E" and "E₁".
- C. All roads to location are color-coded on EXHIBITS "E" & "E₁". An access road 0.5 miles from the existing Nancy Canyon Road will be required, as shown on EXHIBITS "E" & "E₁".
- D. This is an exploratory well. All existing roads within a three-mile radius are shown on EXHIBIT "E".
- E. N/A
- F. The 6 miles of existing graded road through Nancy Canyon will require minor upgrading.

2. Planned Access Roads

Map showing all necessary access roads to be constructed or reconstructed is shown as EXHIBIT "E" for the following:

- (1) The maximum width of the running surface of the 0.5 mile of access road, extending beyond the existing Nancy Canyon graded road will be 18'.

- (2) The grade will be 8% (eight percent) or less.
- (3) No turn outs are planned.
- (4) Appropriate water bars will be constructed to assure drainage off location to conform with the natural drainage.
- (5) No culverts are needed. No side hill cuts are needed.
- (6) Surfacing materials will be native soil.
- (7) No gates, cattle guards, or fence cuts are needed.
- (8) The new access road to be constructed was staked and centerline flagged, as shown on EXHIBIT "E".

3. Location of Existing Wells

For all existing wells within a two mile radius of exploratory well, see EXHIBIT "F".

- (1) There are 4 water wells within a two-mile radius of this location, in SWSW Sec. 27, T38S, R25E, SENE Sec. 33, T38S, R25E, SWNW Sec. 33 T38S, R25E, and SWNE Sec. 5 T39S, R25E.
- (2) There is one abandoned well in this two-mile radius, at location of SWNE Sec. 5 T39S, R25E, converted to a water well.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no wells presently being drilled.
- (6) There are no producing wells within this two-mile radius.
- (7) There are no shut-in wells.
- (8) There are no injection wells.
- (9) There are no monitoring or observation wells for other uses.

4. Location of Existing and/or Proposed Facilities

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

- (1) Tank Batteries: None
- (2) Production Facilities: None
- (3) Oil Gathering Lines: None
- (4) Gas Gathering Lines: None

(5) Injection Lines: None

(6) Disposal Lines: None

B. If the Well is productive, new facilities will be as follows:

(1) Production facilities will be located on solid ground of cut area of drill pad, as shown on EXHIBIT "G".

(2) All well flow lines will be buried and will be on the well site and battery site.

(3) Facilities will be 300 feet long and 250 feet wide.

(4) All construction materials for battery site and pad will be obtained from site. No additional material from outside sources is anticipated.

(5) Any necessary pits will be fenced and flagged to protect livestock and wildlife.

C. Rehabilitation, whether well is productive or dry, will be made on all unused areas in accordance with B.L.M. stipulations.

5. Location and Type of Water Supply

A. The source of water will be Artesian wells in the area, as shown on EXHIBIT "E".

B. Water will be transported by truck over existing roadways.

C. No water well is to be drilled on this lease.

6. Construction Materials

A. No construction materials are needed for drilling and access roads into the drilling location unless well is productive. The surface soil materials will be sufficient or will be purchased from Dirt Contractor as needed.

B. No construction materials will be taken off Federal land.

C. All surface soil materials for construction of access roads are sufficient.

D. All major access roads presently exist as shown on EXHIBIT "E".

7. Handling of Waste Materials and Disposal

- (1) Drill cuttings will be buried in the reserve pit and covered.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Any fluids produced during drilling test or while making production test will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed.
- (4) Chemical facilities will be provided for human waste.
- (5) Garbage, waste, salts and other chemicals produced during drilling or testing will be handled in trash/burn pit. Drill fluids, water, drilling mud and tailings will be kept in reserve pit, as shown on EXHIBIT "H". The trash/burn pit will be totally enclosed with small mesh wire to prevent wind scattering trash before being burned or buried. Reserve pit will be fenced on three sides and the fourth side fenced upon removal of the rig.
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced during drilling and kept closed until such time as the pit is leveled.

8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

9. Well Site Layout

- (1) EXHIBIT "G" is the Drill Pad Layout as staked, with elevations, by Powers Elevation of Durango, Colorado. Cuts and fills have been drafted to visualize the planned cut across the location spot and the deepest part of the pad. Topsoil will be stockpiled per BLM specifications determined at time of pre-drill inspection.
- (2) EXHIBIT "H" is a plan diagram of the proposed rig and equipment, reserve pit, trash/burn pit, pipe racks and mud tanks. No permanent living facilities are planned. There will be a trailer on site.
- (3) EXHIBIT "G" is a diagram showing the proposed production facilities layout.
- (4) The reserve pits will not be lined. Steel mud tanks may be used during drilling operations.

10. Plans for Restoration

- (1) Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried or hauled away immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula provided by the BLM. Revegetation is recommended for road area, as well as around drill pad.
- (3) Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from becoming entrapped; and the fencing will be maintained until leveling and cleanup are accomplished.
- (4) If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation is considered best in Spring, 1980, unless requested otherwise.

11. Other Information

- (1) The soil is a sandy-clay loam. The area is covered with sagebrush, native grass and juniper trees. There are livestock, rabbits, antelope, and deer in the area. The location is situated in an area of ravines and bluffs. The area around the location drains to the Southwest.
- (2) The primary surface use is for grazing. The surface is owned by the U.S. Government.
- (3) The closest live water is the artesian well in Sec. 27, T38S, R25E, one mile east of location, as shown on EXHIBIT "E".

The closest occupied dwellings are located 0.7 miles east-southeast of location, as shown on EXHIBIT "E".

There are no known archaeological, historical or cultural heritages that will be disturbed by this drilling.

- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Drilling is planned for on or about December 30, 1979. It is anticipated that the casing point will be reached within 30 days after commencement of drilling.

12. Lessee's or Operator's Representative

Morris Ettinger

Bob Askew

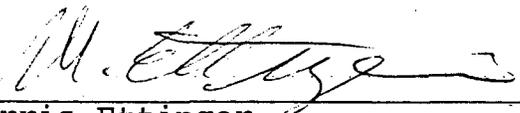
Jack Grynberg & Associates
1050 17th Street
Suite 1950
Denver, Colorado 80265
Phone (303) 572-1455

Jack Grynberg & Associates
1050 17th Street
Suite 1950
Denver, Colorado 80265
Phone (303) 572-1455

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 Jack Grynberg & Associates and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12/1/79
Date

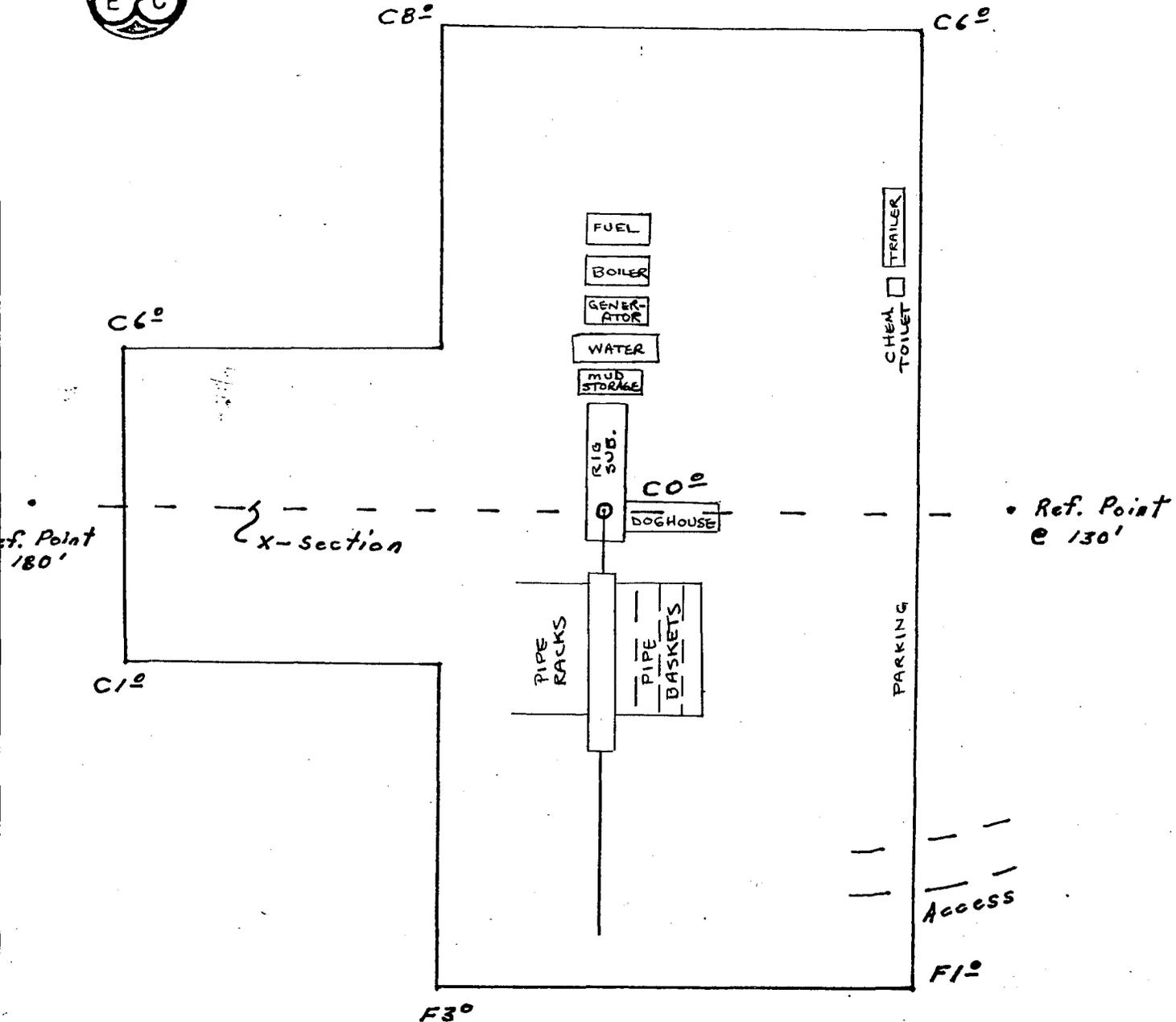


Morris Ettinger

Jack Grynberg & Associates

JACK GRYNBERG + ASSOCIATES
#1-28 FEDERAL
SE SW SEC. 28 T38S R25E
SAN JUAN COUNTY, UTAH
POWERS ELEVATION COMPANY, INC.

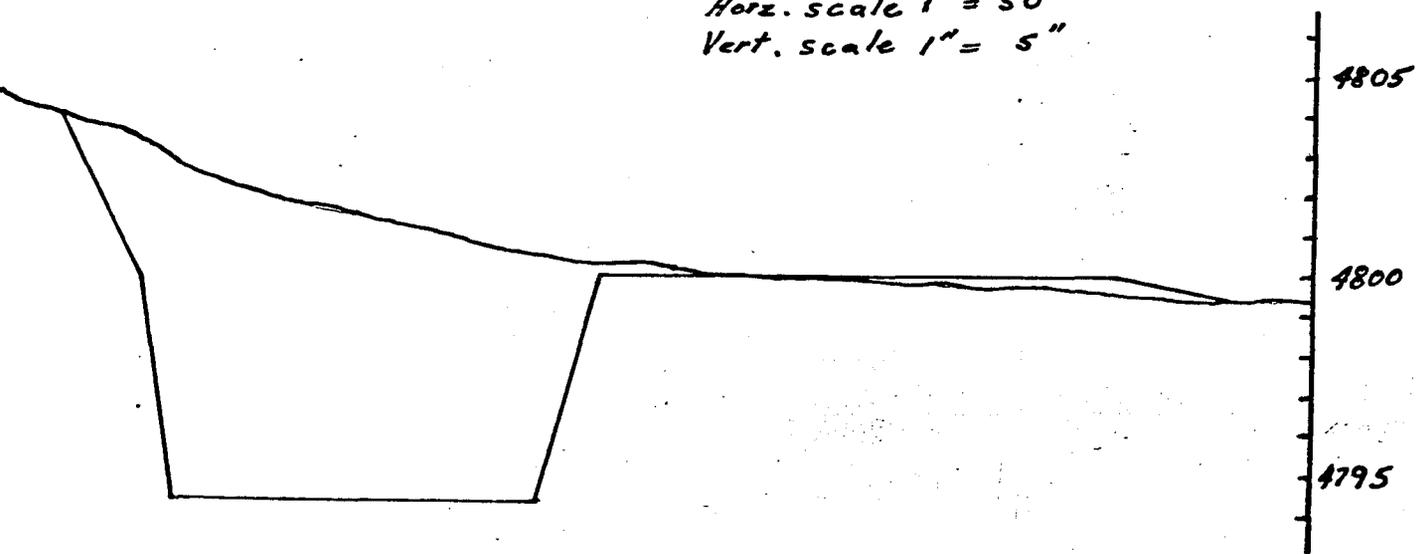
EXHIBIT "H"
DRILL RIG LAYOUT



Ref. Point
180'

Ref. Point
@ 130'

Horz. scale 1" = 50'
Vert. scale 1" = 5'



** FILE NOTATIONS **

DATE: Dec 5, 1979

Operator: Southland Royalty Co.
Jack Hynberg and Associates

Well No: Federal #1-28

Location: Sec. 28 T. 38S R. 25E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30519

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK C-3 J

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 3ed

Plotted on Map

Approval Letter Written

ltm

#1

nl
PI

December 6, 1979

Jack Grynberg and Associates
1050 17th Street, Suite 1950
Denver, Colorado 80265

Re: Well No. Federal #1-28
Sec. 28, T. 38S, R. 25E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, 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
Geological 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 43-037-30519.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u></p> <p>2. NAME OF OPERATOR <u>Southland Royalty Company (formerly Jack Brynberg & Assoc.)</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Drawer 570, Farmington, New Mexico 87401</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>800' FSL & 2000' FWL</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U - 10428A</u></p> <p>6. IF INDIAN, ALLOTTED OR TRIBE NAME <u>N/A</u></p> <p>7. UNIT AGREEMENT NAME <u>Nancy Canyon</u></p> <p>8. FARM OR LEASE NAME <u>Federal</u></p> <p>9. WELL NO. <u>I-28</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Section 28-T38S-R25E</u></p> <p>12. COUNTY OR PARISH <u>San Juan</u></p> <p>13. STATE <u>Utah</u></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4800' GL</u></p>	

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 type="checkbox"/>	(Other) _____	
(Other) <u>Alter Casing Program</u> <input checked="" type="checkbox"/>		(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.)*

Southland Royalty has assumed operation of this well.

PROPOSE TO:

- 1) Run 9-5/8", 32.30#/foot, H-40, ST&C (new) casing inside 12-1/4" hole to 500'. Cement with 335 sacks of Class "B" with 2% CaCl2 or volume sufficient to circulate to surface.
- 2) Drill 7-7/8" hole to 5650' TD. Drill stem test all shows below 4000'. Mud logging unit in use from 3000' to Total Depth.
- 3) Run DLL, BHC Sonic, FDC-CNL at Total Depth. Run 4-1/2", 10.5#, K-55, ST&C production casing if warranted by logs and tests.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 1-28-80

BY: M. J. Minder

RECEIVED

JAN 21 1980

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

SIGNED

TITLE

District Production Manager

DATE

January 18, 1980

DIVISION OF

OIL, GAS & MINING

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM

OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C
Jack Grynberg & Associates
#1-28 Federal
SE SW Sec. 28 T38S, R25E
800' FSL & 2000' FWL
San Juan County, Utah

1. The Geologic Surface Formation

The surface formation is the Morrison.

2. Estimated Tops of Important Geologic Markers

Navajo	850'
Cutler	2550'
Hermosa	4250'
Ismay	5350'
Desert Creek	5600'

Total Depth 5700'

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

Ismay	5400'-5500'	Oil
Desert Creek	5600'-5700'	Oil

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW OR USED</u>
24"	0-40'	40'	20"	Culvert	New
12 1/4"	0-500'	500'	10 3/4"	40.5 K-55 ST&C	New
7 7/8"	0-5700'	5700'	5 1/2"	15.5# K-55 ST&C	New

Cement Program

(a) Surface Casing: Cement with 350 sacks neat with 2% CaCl₂.

(b) Production Casing: Cement 500' above top of pay with necessary number sacks.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Southland Royalty Company

WELL NAME: Federal #1-28

SECTION 28 SE SW TOWNSHIP 38S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Cactus Drilling

RIG # 5

SPUDDED: DATE 2/13/80

TIME 3:45 a.m.

How rotary

DRILLING WILL COMMENCE presently

REPORTED BY _____

TELEPHONE # _____

DATE February 13, 1980

SIGNED Original Signed By M. I. [unclear]

cc: USGS - Durango

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. 43-104

Form 9-329 Rev. Feb 76
OMB 42-RO356

Communitization Agreement No. _____
Field Name Wildcat
Unit Name _____
Participating Area _____
County San Juan State Utah
Operator Southland Royalty Company

MONTHLY REPORT
OF
OPERATIONS

Amended Report WELL NAME Nancy Canyon Federal

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
JANUARY, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	Cu Bbls of Oil	cu ft of Gas	Cu Bbls of Water	Remarks
Federal 1-28	28 SE/SW	38S	25E						Spudded well 12/31/79. Waited On Rotary Tools.

RECEIVED

FEB 19 1980

DIVISION OF
OIL, GAS & MINING

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BLS)	Gas (MCF)	Water (BLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]
Title: District Production Manager

Address: P. O. Drawer 570, Farmington, New Mexico 87401

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other *Wildcat*

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, New Mexico 8740

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *800' FSL & 2000' FWL*
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. WELL NO. *U-10428A*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Nancy Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-28

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 28, T38S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4800' GR

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

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

2-13-80 Spudded 12-1/4" surface hole at 3:45 A.M. 2-13-80 and drilled to total depth of 40'.

2-14-80 Ran 11 joints (474.54') of 9-5/8", 32.30#, H-40 casing and set at 492'. Cemented with 335 sacks of Class "B" with 1/4# gel flake per sack and 2% CaCl2. Plug down at 4:15 P.M. 2-14-80. Circulated to surface.

RECEIVED

MAR 6 1980

Subsurface Safety Valve: Manu. and Type _____

DIVISION OF
OIL, GAS & MINING _____ Ft.

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

SIGNED *[Signature]* TITLE *Dist. Prod. Mgr.* DATE *February 29, 1980*

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. 43-1042

Communitization Agreement No. _____

Field Name Wildcat

Unit Name _____

Participating Area _____

County San Juan State Utah

Operator Southland Royalty Company

Amended Report WELL NAME Nancy Canyon Federal

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
FEBRUARY, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-28	28 SE/SW	38S	25E	DRG					Drilling.

RECEIVED
MAR 26 1980
DIVISION OF
OIL, GAS & MINING

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]

Address: P. O. Drawer 570, Farmington, New Mexico 87401

Title: District Production Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other *X Wildcat*

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *800' FSL & 2000' FWL*
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. CASE NO. <i>U-10428A</i>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME <i>Nancy Canyon</i>	
8. FARM OR LEASE NAME <i>Federal</i>	
9. WELL NO. <i>1-28</i>	
10. FIELD OR WILDCAT NAME <i>Wildcat</i>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>Section 28, T38S, R25E</i>	
12. COUNTY OR PARISH <i>San Juan</i>	13. STATE <i>Utah</i>
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) <i>4800' GR</i>	

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

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

3-28-80 Ran 131 joints (5691.30') of 4-1/2", 10.5#, K-55 casing set at 5705'. Float Collar at 5661'. Cemented with 370 sacks of Class "B" 50/50 Poz with 2% gel and 10% salt. Plug down at 6:53 A.M. 3-29-80. Top of cement at 3800'. WOCT.

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

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

SIGNED *[Signature]* TITLE *Dist. Prod. Mgr.* DATE *March 31, 1980*

(This space for Federal or State office use)

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

RECEIVED
APR 03 1980

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Wildcat

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 800' FSL & 2000' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. WELL NO. <u>U-10428A</u>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME <u>Nancy Canyon</u>	
8. FARM OR LEASE NAME <u>Federal</u>	
9. WELL NO. <u>1-28</u>	
10. FIELD OR WILDCAT NAME <u>Wildcat</u>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Section 28, T38S, R25E</u>	
12. COUNTY OR PARISH <u>San Juan</u>	13. STATE <u>Utah</u>
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>4800' GR-</u>	

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

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

PROPOSE TO:

Run 4-1/2", 10.5#, K-55, ST&C casing to total depth. Cement with volume sufficient to cover Upper Hermosa with 50% excess. Will not cement 2nd stage as originally planned until production test is completed. If production test is positive will perforate squeeze holes opposite top of Chinle and squeeze cement upper part of string with volume sufficient to cover Navajo. If production test is negative will plug and abandon well, cutting off and retrieving as much 4-1/2" casing as possible.

(VERBAL APPROVAL RECEIVED ON 3-28-80 FROM CARL BARRICK)...

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

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

SIGNED [Signature] TITLE Dist. Prod. Mgr. DATE March 31, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 03 1980

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 4-4-80

BY: [Signature]

*See Instructions on Reverse Side

DIVISION OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 43-1042
Communitization Agreement No. _____
Field Name Wildcat
Unit Name _____
Participating Area _____
County San Juan State Utah
Operator Southland Royalty Company

Amended Report WELL NAME Nancy Canyon Federal

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
MARCH, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-28	28 SE/SW	38S	25E						Waiting On Completion Unit.

RECEIVED
APR 24 1980
DIVISION OF
OIL, GAS & MINING

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]

Address: P. O. Drawer 570, Farmington, New Mexico 87401

Title: District Production Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 43-1042
Communitization Agreement No. _____
Field Name Wildcat
Unit Name _____
Participating Area _____
County San Juan State Utah
Operator Southland Royalty Company

Amended Report WELL NAME Nancy Canyon Federal

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 1980

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-28	28 SE/SW	38S	25E						Waiting On Completion Unit.

RECEIVED
MAY 22 1980

DIVISION OF
OIL, GAS & MINING

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: 

Address: P. O. Drawer 570, Farmington, New Mexico 87401

Title: District Production Manager

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Southland Royalty Company (Bob Fielder 505-325-1841)

WELL NAME: Federal #28-1 (Nancy Canyon Unit)

SECTION 28 SE SW TOWNSHIP 38S RANGE 25E COUNTY San Juan

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 5708'

CASING PROGRAM:

9 5/8" @ 492' circ to surface

4 1/2" @ 5705' TOC 3756'

FORMATION TOPS:

Navajo 580'

Chinle 1375'

Cutler 2450'

Hermosa 4305'

Ismay 5365'

Desert Ck 5546'

Salt 5684'

PLUGS SET AS FOLLOWS:

- 1) set cement retainer @ 5600' - squeezed perf w/25 sx
- 2) 5600' - 5335' (top of retainer) 20 sx
- 3) 4435' - 4170' (4 1/2" casing)
- 4) cut & pulled 4 1/2" casing w/100' plug - 50' in & 50' out
- 5) 3400' - 3300' 35 sx
- 6) 2500' - 2400' 35 sx
- 7) 1425' - 1325' 35 sx

12# mud in annulus behing 4 1/2"; 10# mud between plugs; 9 5/8" will be left in hole for water well above 1325'

DATE June 25, 1980

SIGNED *M. J. Minder*

cc: USGS

P/A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Wildcat

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *800' FSL & 2000' FWL*
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. LEASE <i>U-10428A</i>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME <i>Nancy Canyon</i>
8. FARM OR LEASE NAME <i>Federal</i>
9. WELL NO. <i>1-28</i>
10. FIELD OR WILDCAT NAME <i>Wildcat</i>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>Section 28, T38S, R25E</i>
12. COUNTY OR PARISH <i>San Juan</i>
13. STATE <i>Utah</i>
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) <i>4800' GR</i>

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
(Multiple completion or zone change on Form 9-330.)

DATE: 7-30-80

BY: M. J. Minder

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.)*

PROPOSE PLUGGING:

- 1) Set cement retainer at 5600' (+). Squeeze thru retainer with 25 sacks. Pull out of retainer. Spot 20 sacks plug on retainer 5600'-5336'.
- 2) Spot 20 sacks plug from 4435'-4171' inside 4-1/2".
- 3) POOH with tubing after displacing hole with mud.
- 4) Freepoint 4-1/2" casing. Cut off above freepoint (approximately 3700'). Pull and lay down casing. Spot 100' plug on stub (50' inside & 50' outside) (20 sacks).
- 5) Spot 100' plug from 3400' (35 sacks).
- 6) Spot 100' plug from 2500' (35 sacks). Tag this plug.
- 7) Spot 100' plug from 1425' (35 sacks). Strip off casing head, install swage & valve.

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

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

SIGNED *Van Ryan* TITLE Dist. Prod. Mgr. DATE July 8, 1980

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other *Wildcat*

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *800' FSL & 2000' FWL*
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-10428A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Nancy Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-28

10. FIELD OR WILDCAT NAME
Unnamed Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 28, T38S, R25E

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4800' GR

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

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

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

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

SUBSEQUENT REPORT OF ABANDONMENT:

*Set cement retainer at 5599'.
Squeezed perforations with 25 sacks of Class "B".
Pulled out of retainer. Spotted 20 sacks of Class "B" on retainer.
Spotted 20 sacks of Class "B" at 4441'.
Cut off 4-1/2" casing at 3510'.
Spotted 35 sacks of Class "B" at 3533'.
Spotted 35 sacks of Class "B" at 2503'.
Spotted 35 sacks of Class "B" at 1425'. Re-spotted 35 sacks of Class "B" @ 1425'.
Tagged cement at 1302'.
Nipple down wellhead. Hooked up 9-5/8" X 2" swage and 2" ball valve.
Well to be left as water well at Bureau of Land Management's request.*

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

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

SIGNED *[Signature]* TITLE *Dist. Prod. Mgr.* DATE *July 15, 1980*

(This space for Federal or State office use)

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

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R35.5.

14

5. LEASE DESIGNATION AND SERIAL NO.

U-10428A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Nancy Canyon Federal

9. WELL NO.

#1-28

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 28, T38S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Plug & Abandon

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
800' FSL & 2000' FWL SE SW
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-037-30519 DATE ISSUED 12-6-79

15. DATE SPUNDED 2-13-80 16. DATE T.D. REACHED 3-28-80 17. DATE COMPL. (Ready to prod.) P & A 6-30-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4800' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5708' 21. PLUG, BACK T.D., MD & TVD 5661' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 0'-5708' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Desert Creek: 5622'-5632' 25. WAS DIRECTIONAL SURVEY MADE
Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL (MSFL) w/Gamma Ray & SP, Integrated Sonic, FDC-CNL w/Cal 27. WAS WELL CORED
Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	492'	12 1/4"	335 SX	
4 1/2"	10.5#	5705'	7 7/8"	370 SX	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Desert Creek: 5622', 5623', 5624', 5625', 5626', 5627', 5628', 5629', 5630', 5631', 5632'.		5622'-5632'	1,000 gals 15% MSR, 1,000 gals 28% HCl & 5,000 gals 28% MSR.

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE District Production Manager DATE 7-17-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

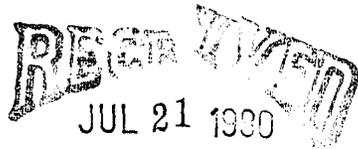
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
Entrada	255'		<div style="text-align: center;">  <p>JUL 21 1930</p> <p>DIVISION OF OIL, GAS & MINING</p> </div>		
Navajo	580'				
Wingate	1085'				
Chinle	1385'				
Shinarump	2270'				
Moenkopi	2315'				
DeChelly	2420'				
Cutler	2450'				
U. Hermosa	4305'				
U. Ismay	5345'				
L. Isay	5435'				
Desert Creek	5510'				

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well X other Wildcat

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 800' FSL & 2000' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-10428A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Nancy Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-28

10. FIELD OR WILDCAT NAME
Unnamed Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 28, T38S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4800' GR

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

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

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

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

This well location was cleaned up and reseeded on 10-20-81.

DEC 10 1981

DIVISION OF
OIL, GAS & MINING

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

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

SIGNED R. E. Fiddle TITLE District Engineer DATE December 9, 1981

(This space for Federal or State office use)

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