

UTAH OIL AND GAS CONSERVATION COMMISSION

DEMAND: WEL: ELE: **X** WEL: WEL: SEE TEL: SUB REPORT ID:

DATE FILED **5-6-92**

LAND OIL & PATENT: STATE LEASE NO. **ML-45171** FURTHER: INDENT:

DRIEL NO. AFFR. NO. **5-14-92**

SPOGDED IN:

COMPLETED **2-3-94** A PGT. PRODU. S:

INITIAL PRODUCTION:

GRAVITY API:

G.P.:

PRODUCTION ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

FIELD **EIGHT MILE FLAT**

UNIT:

COUNTY **UINTAH**

WELL NO. **STATE #13-36A** API NO. **43-047-32247**

LOCATION **660' FSL** FT. FROM INT. (S) LINE **660' FSL** FT. FROM EL. (S) LINE **SW SW** 14 - 14 SEC **36**

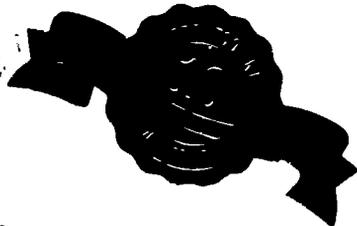
TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				9S	18E	36	PG & E RESOURCES CO,



APR 06 1992

DIVISION OF
OIL GAS & MINING

April 3, 1992



EXPRESS MAIL

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Brad Hill

Re: PG & E Resources Company
#13-36A and #4-32B
T9S - R18-19E
Uintah County, Utah

Dear Brad,

Enclosed please find three copies each of the Notices of Staking which were prepared on the above mentioned wells.

These locations will be staked on approximately April 15th and we are requesting that you schedule an onsite inspection for April 22nd thru April 24th, provided this will work with your schedule.

Please contact me at your earliest convenience so that we can make further plans.

Thank you for your cooperation.

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script, appearing to read "Lisa L. Smith".

Lisa L. Smith
Consultant for:
PG & E Resources Company

Enc.

cc: PG & E - Dallas, TX
PG & E - Vernal, UT
PIC Technologies - Denver, CO

Permitco Incorporated
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

NOTICE OF STAKING (Not to be used in place of Application to Drill Form 9-331-C)		BM02A 5/9/92	5. Lease Number ML-45171-
1. Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator 303/452-8888 PG & E Resources Company c/o PERMITCO INC			7. Unit Agreement Name N/A
3. Address of Operator or Agent 13585 Jackson Drive Denver, CO 80241			8. Farm or Lease Name State
4. Surface Location of Well (Governmental 1/4 or 1/4 1/4) SW SW			9. Well No. #13-36A 43-047-30047
Attach: Topographical or other acceptable map showing location, access road, and lease boundaries.			10. Field or Wildcat Name Riverbend
14. Formation Objective(s) Wasatch	15. Estimated Well Depth 8065'		11. Sec., T., R., M., or Blk and Survey or Area Sec 36, T9S - R18E
		12. County or Parish Uintah	13. State Utah
16. To Be Completed by Operator (To be done Onsite) a. Location must staked To be done by Uinta Engineering b. Access Road Flagged To be done by Uinta Engineering c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills (To be provided at onsite)			
17. To Be Considered By Operators Prior to Onsite a. H ₂ S Potential - None b. Private Surface Ownership State of Utah c. Cultural Resources (Archaeology) To be done by Sagebrush Archeology d. Federal Right of Way As necessary depending on actual access route			
18. Additional Information Lease Description - See attached			

19. Signed *Diana K. Smith* **Title** Consultant for
PG & E Resources Company **Date** 4/2/92

cc 3 - BLM - Vernal, UT
1 - PG & E Resources - Dallas, TX
1 - PG & E Resources - Vernal, UT

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DIVISION OF
OIL, GAS & MINING

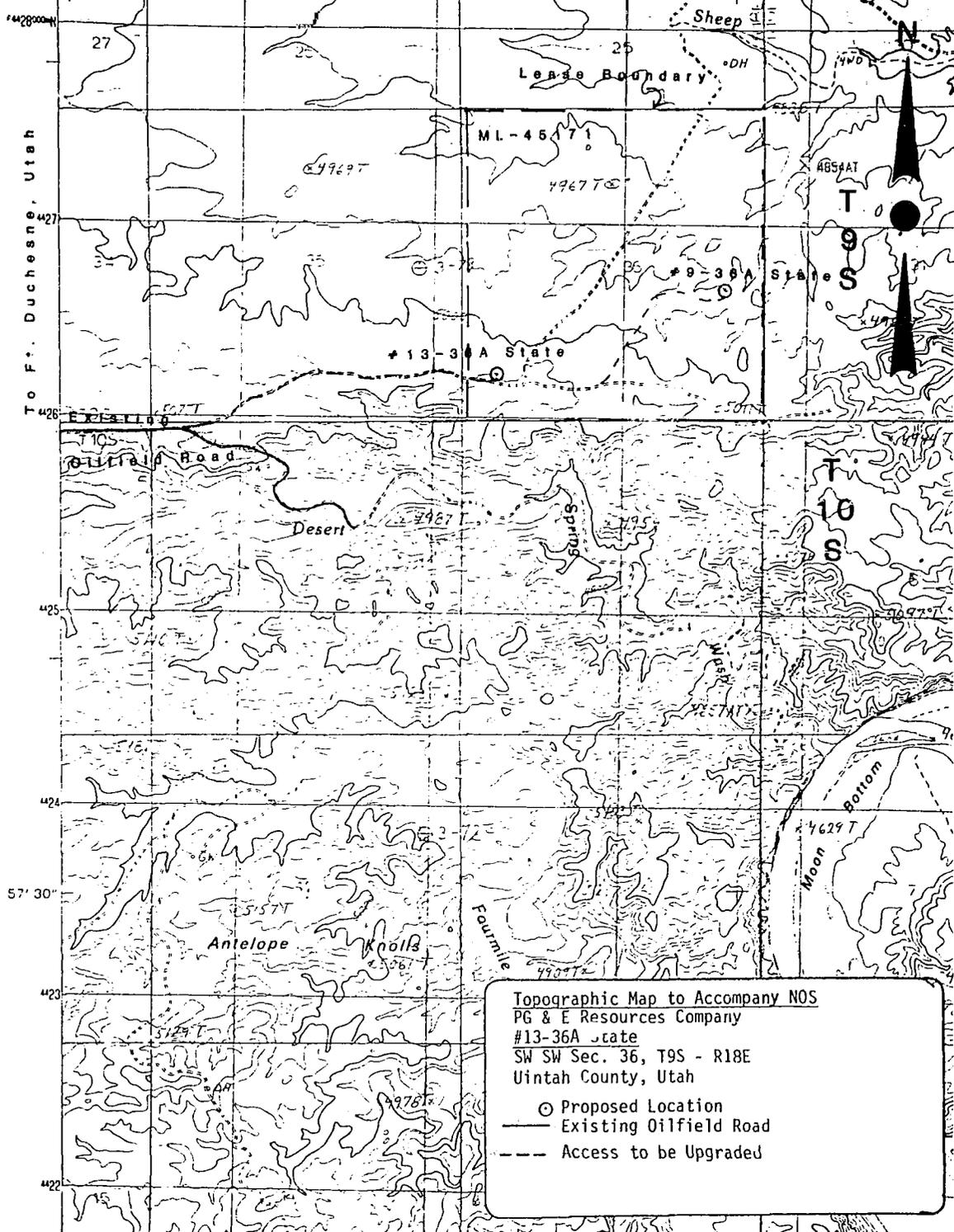
109° 52' 30"
40° 00'

970000

98

R18E 50' 100

R19E



Topographic Map to Accompany NOS
 PG & E Resources Company
 #13-36A State
 SW SW Sec. 36, T9S - R18E
 Uintah County, Utah

○ Proposed Location
 — Existing Oilfield Road
 - - - Access to be Upgraded

Lease Descriptions

UTU-65218

T9S - R19E

Sec. 19: N/2, SW/4, N/2 SE/4, SW/4 SE/4

Total lease acres: 600.00

UTU-68631

T9S - R20E

Sec. 30: Lots 2, 3, 4, S/2 NE/4, SW/4 NW/4, E/2 SW/4, SE/4

Sec. 31: All

Total lease acres: 1340.05

UTU-68626

T9S - R19E

Sec. 31: All

Sec. 33: Lots 5, 6, 12, 14

Total lease acres: 736.62

UTU-68625

T9S - R19E

Sec. 23: Lots 9, 10, 11, 12, 13, E/2 SE/4

Sec. 24: Lot 2, W/2 E/2, NE/4 NW/4, S/2 NW/4, SW/4

Sec. 26: Lots 4, 5, 6, 7, NE/4, S/2

Sec. 27: Lots 10, 11, 12, 13, 14, SW/4, S/2 SE/4

Sec. 35: NE/4 NE/4

Total lease acres: 1667.76

UTU-68109

T9S - R19E

Sec. 29: SE/4, E/2 NW/4, SW/4 NE/4

Total lease acres: 280.00

UTU-68627

T10S - R19E

Sec. 5:

Sec. 6: NW/4, N/2 SW/4

Sec. 8:

Sec. 18:



Permitco Incorporated
A Petroleum Permitting Company

ML-45171
TGS - R18E
Sec. 36: All

ML-45172
TGS - R19E
Sec. 31: All

ML-45173
TGS - R19E
Sec. 36: All

Note: Federal Surface/State Minerals



May 4, 1992

MAY 06 1992

**DIVISION OF
OIL, GAS & MINING**

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Tammi Searing

Re: PG & E Resources Company
13-36A State
SW SW Sec. 36, T9S - R18E
Uintah County, Utah

Dear Tammi,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned location along with copies of the drilling program, water permits and associated maps and diagrams.

Please contact me at your earliest convenience if you should require additional information.

Upon approval of the enclosed application, please forward the approved copies to Permitco Inc. - Agent for PG & E Resources Company at the address shown below. I will then forward copies to PG & E for their files. Your assistance in this matter would be greatly appreciated.

Sincerely,

PERMITCO INC.

Lisa L. Smith
Consultant for:
PG & E Resources Company

Enc.

cc: PG & E - Dallas, TX
PG & E - Vernal, UT
PIC Technologies - Denver, CO

Permitco Incorporated
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

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

(Other instructions on reverse side)

5 Lease Designation and Serial No. ML-45171

6 If Indian Allottee or Title Name N/A

7 Unit Agreement Name N/A

8 Firm or Lease Name State

9 Well No. #13-36A

10 Field and Pool or Wildcat Eight Mile flat River bend Wasatch 590

11 Sec. T R M or Blk and Survey or Area Sec. 36, T9S - R18E

12 County or Parish 13 State Utah Utah

14 Distance in miles and direction from nearest town or post office* 26 miles southeast of Myton, Utah

15 Distance from proposed location to nearest property or lease line ft. (Also to nearest strk. line if any) 660'

16 No. of acres in lease 640

17 No. of acres assigned to this well 40

18 Distance from proposed locn on* to nearest well drilling completed or uphilled for on this lease ft. approx. 4400'

19 Proposed depth 8065' WSTC

20 Rotary or cable tools Rotary

21 Conditions (Show whether DE RT GR etc.) 5044 GR

22 Approx. date work will start* Immediately upon approval of this application

At proposed prod zone 660' FSL and 660' FWL SW SW Sec. 36

PROPOSED CASING AND CEMENTING PROGRAM

Casing Size	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	400'	170 sx or suffic to circ to surt
7-7/8"	5-1/2"	17#	8065'	600 sx or suffic to cover zones of interest.

PG & E Resources Company proposes to drill a well to 8065' to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements

Bond coverage for this well is provided under Bond No 8063-38-07 and 8057-26-00

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MAY 06 1992

TECHNICAL REVIEW
Eng. 5-14-92
Geo. 5/13/92
Surface 5/8/92

DIVISION OF
OIL, GAS & MINING

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

24 Consultant for PG & E Resources Company

Signed Gene G. Smaha Title _____ Date 5/4/92

(This space for Federal or State office use)

Permit No 43-007-30047 Approval Date _____

Approved by _____ Title _____

Conditions of approval if any _____

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

DATE: 5-14-92

BY: JAY Withers

WELL SPACING: 649-3-2

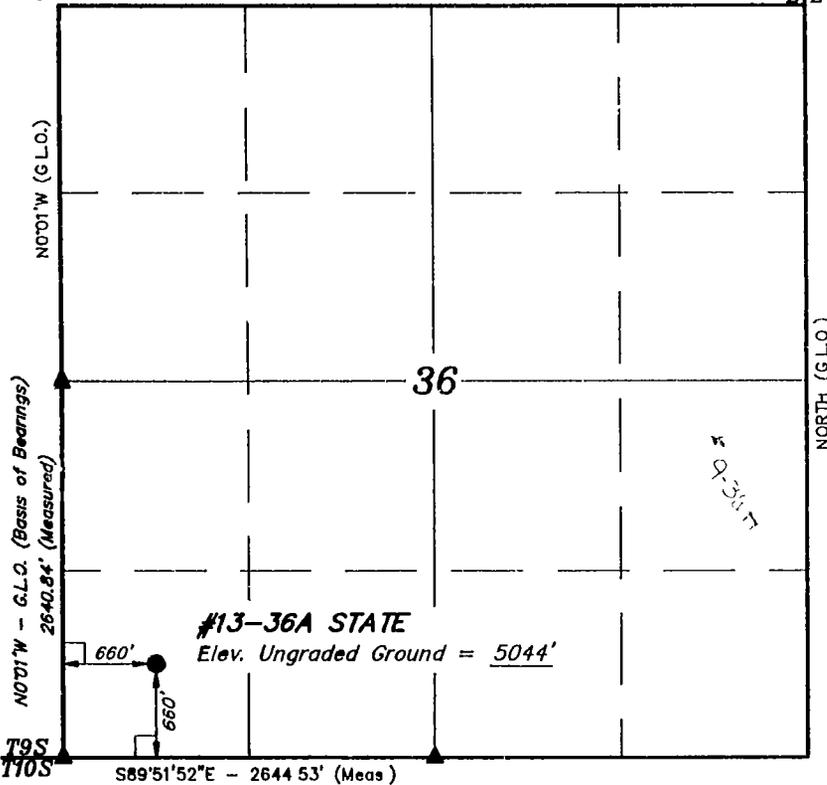
T9S, R18E, S.L.B.&M.

PG&E RESOURCES COMPANY

Well location, #13-36A STATE, located as shown in the SW 1/4 SW 1/4 of Section 36, T9S, R18E, S.L.B.&M Uintah County, Utah.

R18
11
39
E

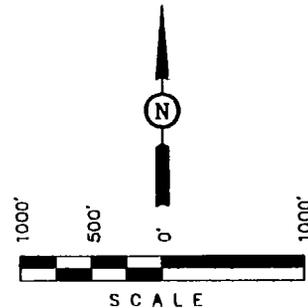
N89°59'W 80.04 (G.L.O.)



NORTH (G.L.O.)

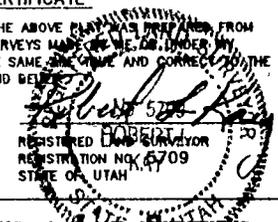
BASIS OF ELEVATION

FLUK TRIANGULATION STATION LOCATED IN THE SE 1/4 OF SECTION 32, T9S, R18E, S.L.B.&M. TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED 4-6-92	DATE DRAWN: 4-20-92
PARTY D A D S JLG		REFERENCES G.L.O. PLAT
WEATHER WARM		FILE PG&E RESOURCES

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD
- ▲ = SECTION CORNERS LOCATED (Brass Caps)

CONFIDENTIAL - TIGHT HOLE

RECEIVED

MAY 06 1992

**DIVISION OF
OIL, GAS & MINING**

#13-36A STATE
660' FSL and 660' FWL
SW SW Sec. 36, T9S - R18E
Uintah County, Utah

Prepared For:

PG & E RESOURCES COMPANY

By:

PERMITCO INC.
13585 Jackson Drive
Denver, Colorado 80241
303/452-8888

Copies Sent To:

- 3 - Division of Oil, Gas & Mining
- 1 - BIM - Vernal, UT (Complimentary Copy)
- 1 - PG & E Resources Co. - Vernal, UT
- 3 - PG & E Resources Co. - Dallas, TX
- 1 - PIC Technologies - Denver, CO



March 2, 1992



Bureau of Land Management

RE: 11-24B NESW Sec 24-T9S-R19E
1980' FSL & 1980' FWL

7-31B SWNE Sec. 31-T9S-R19E
1980' FNL & 1980' FEL

7-19B SWNW Sec. 19-T9S-R19E
1980' FNL & 1980' FEL

5-1D NESW Sec 1-T10S-R18E
1980' FNL & 660 FWL

11-31C SWSE Sec 31-T9S-R20E
1980' FSL & 1980' FWL

7-30C SWNE Sec 30-T9S-R20E
1980' FNL & 1980' FEL'

Gentlemen.

This letter is to inform you that Permitco is authorized to act as Agent and to sign documents on behalf of PG&E Resources Company when necessary for filing county, state and federal permits including Onshore Order No. 1, Right-of-Way applications, etc., for the above mentioned wells.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

PG&E Resources Company agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above mentioned wells.

Yours very truly,


George Taylor
Drilling Manager

GET/cs

DRILLING LOCATION ASSESSMENT

**State of Utah
Division of Oil, Gas and Mining**

OPERATOR: PG & E RESOURCES CO. WELL NAME: STATE 13-36A
SECTION: 36 TWP: 9S RNG: 18E LOC: 660 FSL 660 FWL
QTR/QTR SW/SW COUNTY: UINTAH FIELD: RIVERBEND
SURFACE OWNER: STATE OF UTAH
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL
GEOLOGIST: BRAD HILL DATE AND TIME: 4/23/92 14:30

PARTICIPANTS: Dan Jarvis-DOG M; Lisa Smith-Permitco; Robert Kay-Uintah Engineering; Jake Neves & James Leonard-PG&E Consultants

REGIONAL SETTING/TOPOGRAPHY: The proposed location is in the south central Uinta Basin in a fairly flat spot in an area of low rolling hills. A single deep drainage lies to the south of the location.

LAND USE:

CURRENT SURFACE USE: None

PROPOSED SURFACE DISTURBANCE: A rectangular pad with dimensions of 300'X 130' will be constructed with a 130'X 75' extension for the reserve pit. A 200 foot access road will be constructed to the site with an upgrade required on approximately .7 miles of existing road on BLM land.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Shadscale, Short saltbush, Curly Grass, Greasewood, Rabbitbrush, Funnellily, Textile Onion, Prickly Pear/Lser, Antelope, Rabbits, Coyote

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy-silt with abundant rock fragments.

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at present. The location should be stable.

PALEONTOLOGICAL POTENTIAL: None Observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Wasatch-5128'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: Done by Sagebrush Archeological Consultants.

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: To be reclaimed as per State Lands instructions.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular in shape with a central dike. Dimensions will be 130'X 750'X 8'.

LINING: PG&E has agreed to line the reserve pit without further evaluation.

MUD PROGRAM: 0'-8050'-Water/gel-KOH

DRILLING WATER SUPPLY: Water will be obtained from Babcock Draw.

OTHER OBSERVATIONS

A portion of the access road is on BLM lands.

STIPULATIONS FOR APD APPROVAL

The pit is to be lined with a synthetic liner with a minimum thickness of 12 mils.

ATTACHMENTS

Photographs will be placed on file.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Basal Limestone	4965'
Wasatch	5128'
Chapita Wells 1	5883'
Chapita Wells 2	6050'
Chapita Wells 3	6271'
Chapita Wells 4	6569'
Uteland Buttes	6892'
T.D.	8065'

2. Casing Program

The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>
Surface	0-400'	12-1/4"	9-5/8"	36#	K-55
Produc.	0-8065'	7-7/8"	5-1/2"	17#	N-80

Casing design subject to revision based on geologic conditions encountered.

3. Cement Program

The cement program will be as follows:

<u>Surface</u> 0-400'	<u>Type and Amount</u> 170 sx Class "A" cement or sufficient volume to circulate to surface.
--------------------------	---

<u>Production</u>	<u>Type and Amount</u> 600 sx or sufficient to cover zones of interest.
-------------------	--



4. Drilling Fluids

The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>PH</u>
0-8065'	Water/Gel-KOH	8.4-8.7	20-40	9

5. Testing, Logging and Coring

The anticipated type and amount of testing, logging and coring are as follows:

- a. One drill stem test is possible after log evaluation. A straddle test may be run in the Green River formation.
- b. The logging program will consist of a DIL-SFL-SP-GR and an SDL-DSN-GR-CAL will be run from T.D. to base of surface casing.
- c. No cores are planned, however, after log evaluation, a rotary sidewall core is possible.

6. Spud Date/Drilling Time

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 18-20 days.

7. Road Use/Water Source

- a. A Right of Way Amendment has been issued by the Bureau of Land Management for use of roads crossing federal surface outside Lease No. ML-45171.
- b. The access road will continue through the wellpad for access to additional wells proposed on Federal and State surface. See Topographic Map "B" attached for location of additional wells.

- c. The proposed water source is located in Babcock Draw which is located in the SW/4 of Section 34, T9S - R2W, Uintah County Utah. A permit has been filed with the Utah Division of Water Rights and an approved copy is attached.

8. Archeological Survey

A Class III archeological survey was conducted by Sagebrush Archeological Consultants. No significant cultural resources were found and clearance has been recommended. A copy of this report will be forwarded to the appropriate agencies by Sagebrush Archeological.

9. Wellsite Layout

For information pertaining to the rig layout, direction and cuts and fills, see Location Layout attached.

10. BOP Requirements

PG & E's minimum specifications for pressure control equipment are as follows:

Ram Type: 10" Hydraulic double with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;

- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 10", 3000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.

Application for Permit to Drill
P G & E Resources Company
#13-36A State
660' FSL and 660' FWL
SW SW Sec. 36, T9S - R18E
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

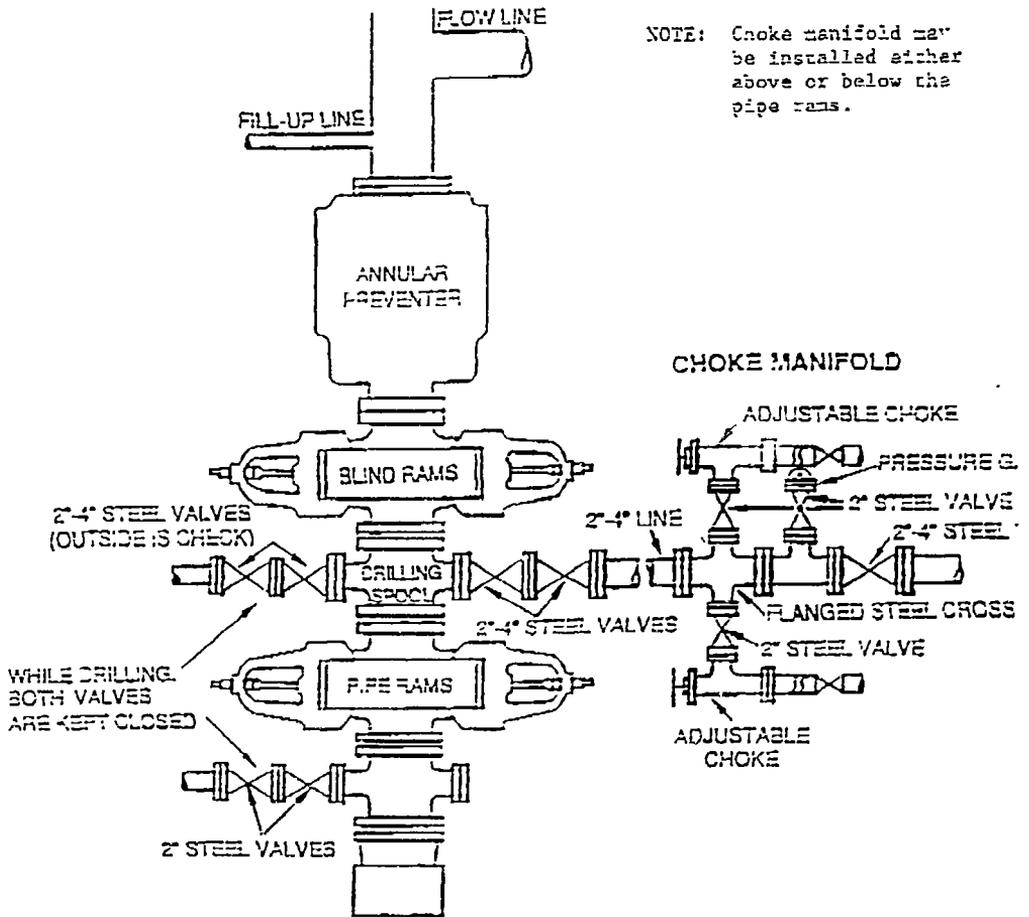
Page 6

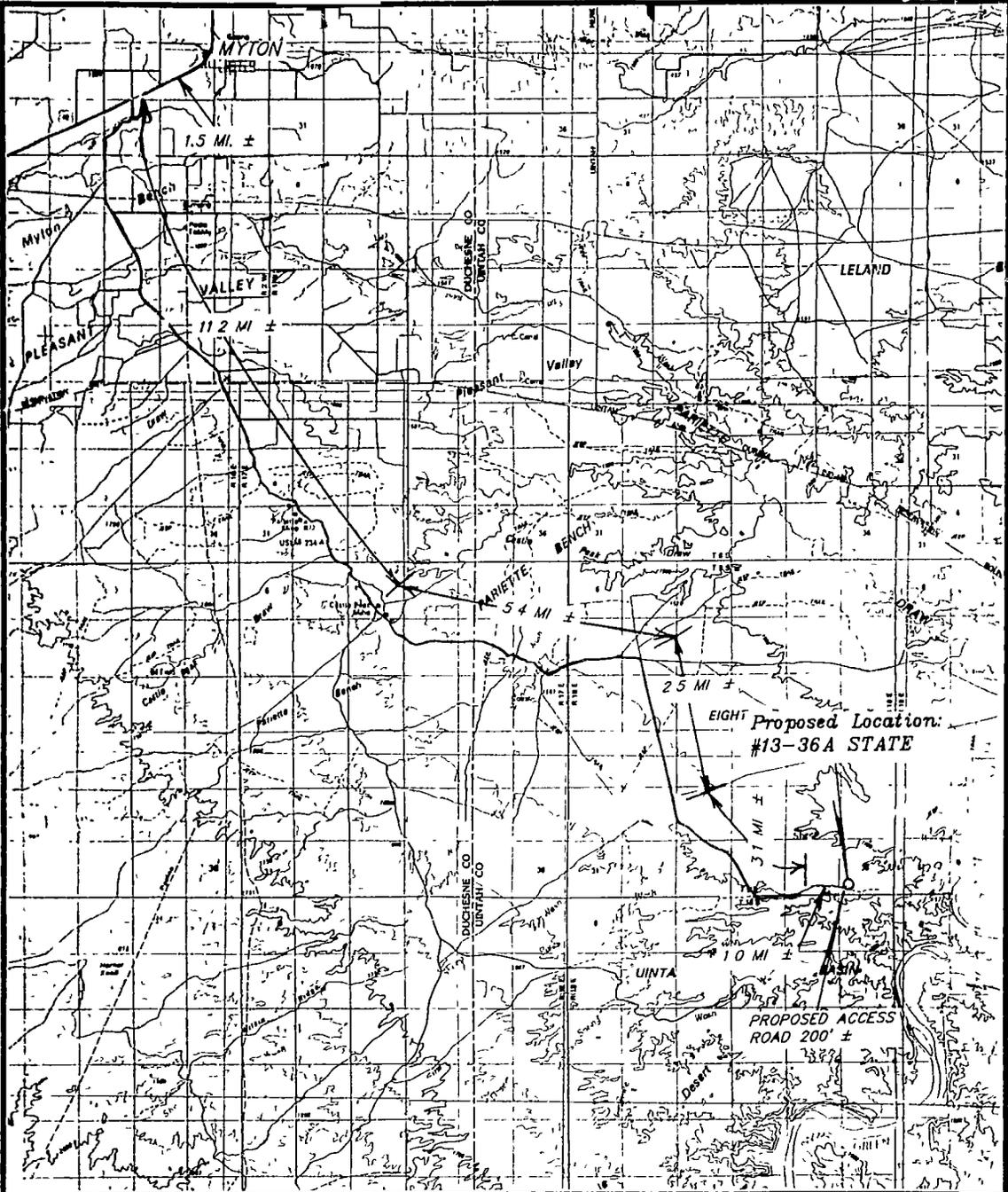
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

11. Anticipated Pressures

- a. The expected bottom hole pressure is 3600 psi.
- b. No hydrogen sulfide gas or abnormal pressures are anticipated.

FIGURE NO. 1
 THREE PREVENTER HOOKUP
 CLASS III
 (MEETS 43 CFR, PART 3160. 3M SPECIFIC)





TOPOGRAPHIC
MAP "A"

DATE 4-20-92 JLC



PG&E RESOURCES COMPANY

#13-36A STATE

SECTION 36, T9S, R18E, S.L.B.&M.

660' FSL 660 FWL

R 18E

27

27

26

25

27

27

26

25

Sheep

Loze County

ML-4817,1

4969T

4967T

W05

5002

T. Milton, Utah

Mountain

B.M. ROW

19-30A Site

Desert

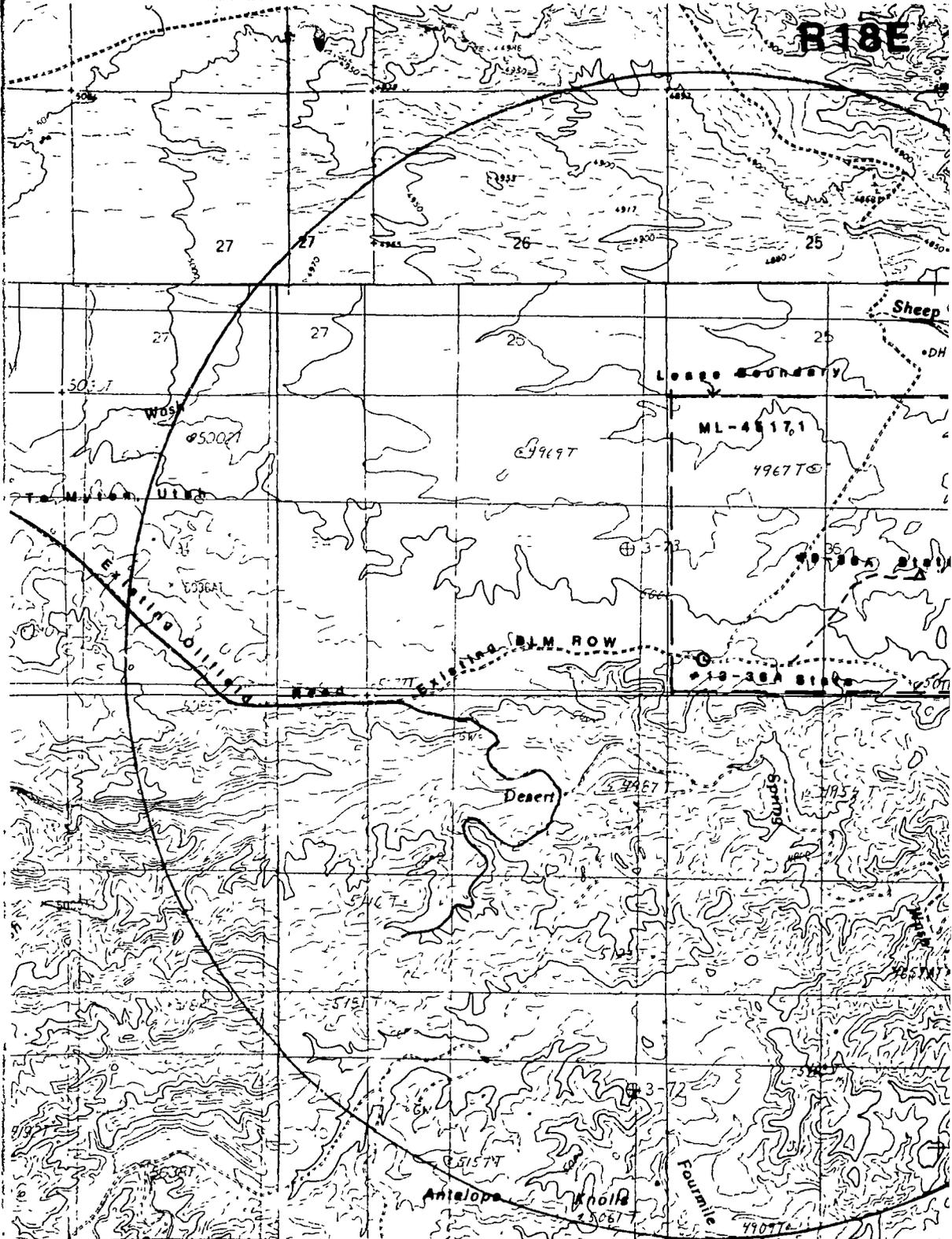
Springs

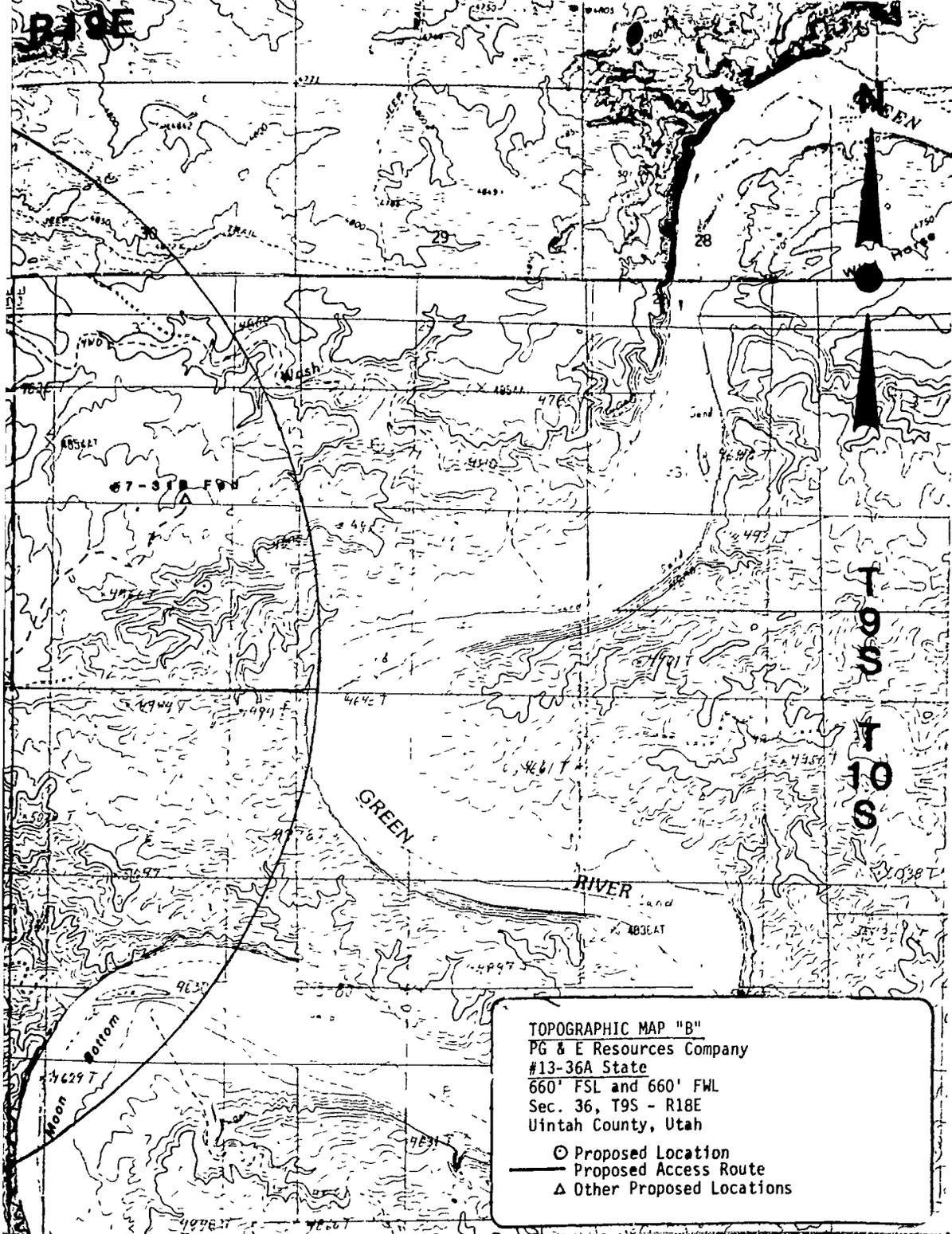
Antelope

Antelope

Fourmile

4907T





R18E

T9S

67-318-FW

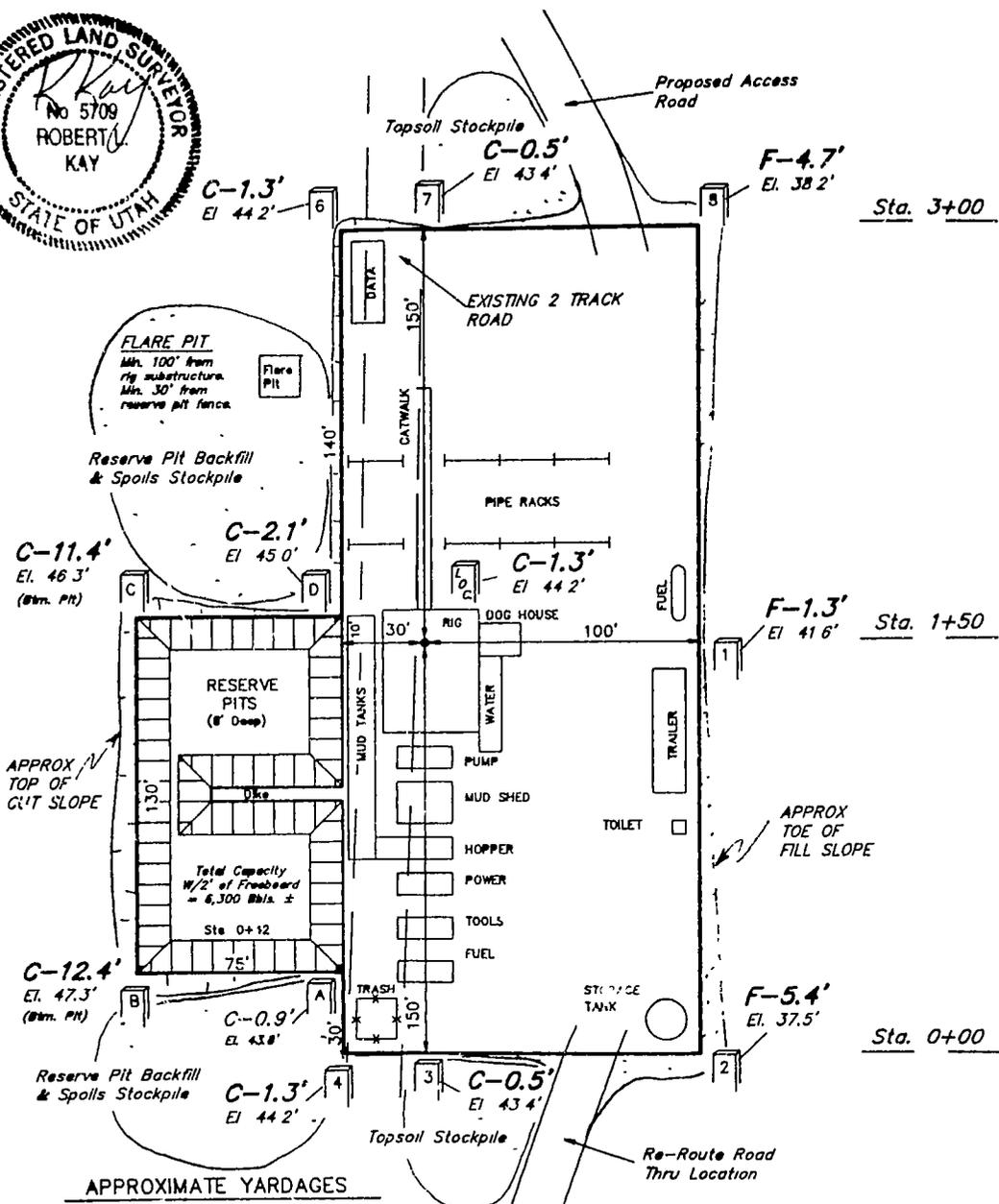
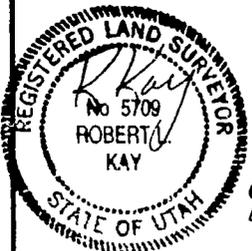
GREEN

RIVER

660' FSL
660' FW

TOPOGRAPHIC MAP "B"
PG & E Resources Company
#13-36A State
660' FSL and 660' FW
Sec. 36, T9S - R18E
Uintah County, Utah

- Proposed Location
- Proposed Access Route
- △ Other Proposed Locations



APPROXIMATE YARDAGES

CUT			
(6") Topsoil Stripping	=	900 Cu Yds	
Remaining Location	=	3,180 Cu Yds	
TOTAL CUT	=	4,080 CU.YDS.	
FILL	=	2,090 CU.YDS.	
EXCESS MATERIAL AFTER 5% COMPACTION	=	1,880 Cu Yds.	
Topsoil & Pit Backfill (1/2 Pit Vol)	=	1,880 Cu Yds.	
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.	

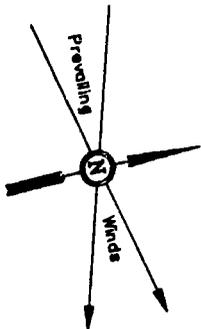
PG&E RESOURCES COMPANY

LOCATION LAYOUT FOR

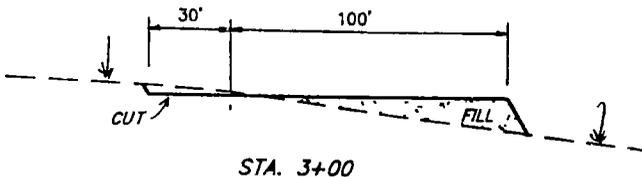
#13-36A STATE

SECTION 36, T9S, R18E, S.L.B.&M.

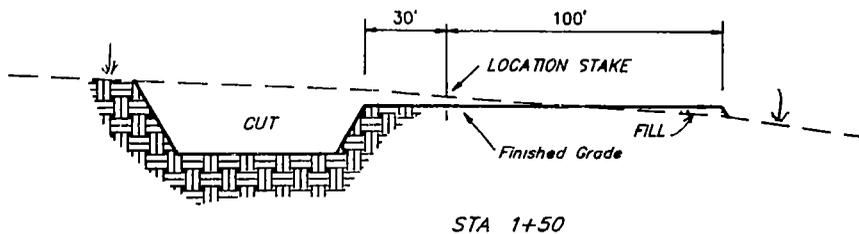
660' FSL 660' FWL



SCALE: 1" = 50'
DATE: 4-21-92
Drawn By: R.E.H.

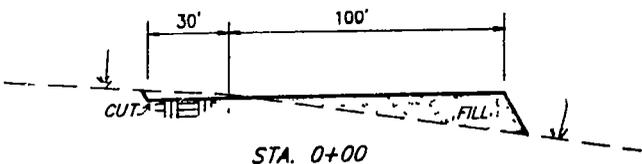
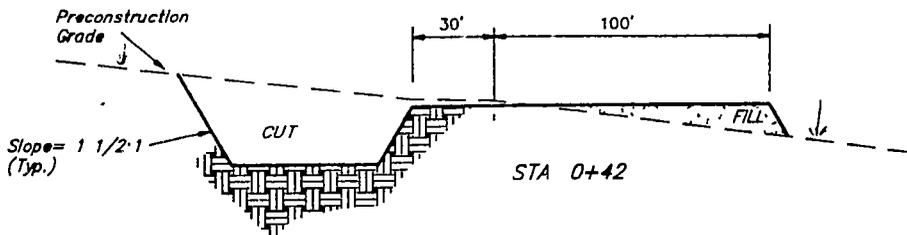


X-Section Scale
1" = 20'
1" = 50'



TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS



Elev Ungraded Ground at Location Stake = 5044.2'

Elev Graded Ground at Location Stake = 5042.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East, Vernal, Utah

APPLICATION FOR TEMPORARY CHANGE OF WATER

STATE OF UTAH

Rec. by _____
Fee Paid \$ _____
Receipt # _____
Microfilmed _____
Roll # _____

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

CHANGE APPLICATION NUMBER: t92-43-08

WATER RIGHT NUMBER: 43 - 8290

This Change Application proposes to change the PLACE OF USE

1. OWNERSHIP INFORMATION.

- A. NAME: West Hazmat Trucking Corporation INTEREST: 100%
ADDRESS: P.O. Box 1667, Vernal, UT 84078
- B. PRIORITY OF CHANGE: April 13, 1992 FILING DATE: April 13, 1992
- C. RIGHT EVIDENCED BY: A51641 (t92-43-06)

* DESCRIPTION OF CURRENT WATER RIGHT: *

2. SOURCE INFORMATION.

- A. QUANTITY OF WATER: 0.04 cfs
- B. DIRECT SOURCE: Underground Water Well COUNTY: Uintah
- C. POINT OF DIVERSION -- UNDERGROUND:
(1) N 960 feet W 130 feet from E1 corner, Section 9, T 8S, R 20E, SLBM
WELL DIAMETER: 18 inches WELL DEPTH: 54 feet

3. WATER USE INFORMATION.

INDUSTRIAL: from Jan 1 to Dec 31. Makin Brine Drilling fluid for drilling
Oil & Gas Wells,

OPERATOR PG E Resources Co DATE 5-14-90

WELL NAME State 13-9LBA

SEC 9W36T 9S R 18E COUNTY Utah

43-047-30047
API NUMBER

State (3)
TYPE OF LEASE

CONFIDENTIAL

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD 9LBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

One additional well within Sec 36
Water Permit 43-8090 (+90-43-08) West Hazmat
Permit 5-7-90 - (Geology well) 5-13-90

APPROVAL LETTER:

SPACING R615-2-3

N/A
UNIT

^{RS}
R644-3-0
R515-5-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

Pat is to be lined with a synthetic liner of
a minimum thickness of 12 mil.
cc: State Lands



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Trade Center, Suite 350
Salt Lake City, Utah 84103-1203
801-538-5340

May 14, 1992

PG & E Resources Company
5950 Berkshire Lane, Suite 600
Dallas, Texas 75225

Gentlemen:

Re: State #13-36A Well, 660 feet from the south line, 600 feet from the west line, SW 1/4 SW 1/4, Section 36, Township 9 South, Range 18 East, Uintah County, Utah

Pursuant to Utah Admin. R. 649-3-2 and Utah Admin. R. 649-3-4, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval.

1. Pit is to be lined with a synthetic liner of a minimum thickness of 12 mil.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6069.

Page 2
PG & E Resources Company
State #13-36A Well
May 14, 1992

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site should be submitted to the local health department. These drilling operations and any subsequent well operations should be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32247.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc. Bureau of Land Management
J.L. Thompson
WO11

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

(Other instructions on reverse side)

3 Lease Designation and Serial No.
ML-45171
4 If Indian, Allottee or Tribe Name
N/A
5 Unit Agreement Name
N/A
6 Farm or Lease Name
State
7 Well No.
#13-36A
8 Field and Pool, or Wellcut
Riverbend/Wasatch
9 Sec., T, R, S, or Bk. and Survey or Area

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 214/750-3800 5950 Berkshire Lane, J
PG & E RESOURCES COMPANY Dallas, TX 75225
3 Address of Operator 303/452-8888 13585 Jackson Drive
Permitco Inc. - Agent Denver, CO 80241

4 Location of Well (Report location clearly and in accordance with any state requirements *)
At proposed prod zone 660' FSL and 660' FWL SW SW Sec. 36 43-047-32247
5 Distance in miles and direction from nearest town or post office* 26 miles southeast of Myton, Utah
6 County of Parish 7 State Uintah Utah

8 Distance from proposed location to nearest property or lease line ft (Also to nearest dirc line if any) 660'
9 No of acres in lease 640
10 No of acres assigned to this well 40
11 Distance from proposed locat on* to nearest well drilling completed or applied for on this lease ft approx 4400'
12 Proposed depth 8065'
13 Rotary or cable tools Rotary

14 Elevations (Show whether DT RT GR etc) 5044' GR
15 Approx date work will start* Immediately upon approval of this application

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	400'	170 sx or suffic to circ to surf
7-7/8"	5-1/2"	17#	8065'	600 sx or suffic to cover zones of interest.

PG & E Resources Company proposes to drill a well to 8065' to test the Wasatch formation. If productive, casing will be run and the well completed. If dry, the well will be plugg and abandoned as per State of Utah requirements

Bond coverage for this well is provided under Bond No. 8063-38-07 and 8057-26-00.

RECEIVED

JUL 18 1992

DIVISION OF
OIL, GAS & MINING

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

24
Signature: *Dea G. Smith* Title: Consultant for PG & E Resources Company Date: 5/4/92

(This space for Federal or State office)
Permit No. **NOTED** Approval Date

Approved by: _____ Title: _____ Date: JUN 10 1992
Conditions of approval if any



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3rd Trad Center Suite 350
Salt Lake City Utah 84100 1203
801 538 5340
801 359 3940 (Fax)
801 538 5319 (TDD)

February 3, 1994

Jim LaFavers
PG & E Resources Company
6688 N Central Expressway, Suite 1000
Dallas, Texas 75206

Re State 13-36A Well, Sec 36, T 9S, R 18E, Uintah County, Utah
API No. 43-047-32247

Dear Mr LaFavers

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately

Sincerely,

A handwritten signature in cursive script that reads "Don Staley".

Don Staley
Administrative Supervisor
Oil and Gas

DME/lde
cc R J. Firth
Well file
WOI219