

UTAH OIL AND GAS CONSERVATION COMMISSION

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

900009 *PA* on operator's request

DATE FILED 1-10-90

LAND: FEE & PATENTED *FEE* STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: 1-22-90 (CAUSE NO. 139-42)

SPUDED IN: _____

COMPLETED: *2-7-90 PA* PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: *2-7-90 PA*

FIELD: ALTAMONT

UNIT: _____

COUNTY: DUCHESNE

WELL NO. WHIGHT 2-13B5 API NO. 43-013-31258

LOCATION 2251' FSL FT. FROM (N) (S) LINE. 767' FWL FT. FROM (E) (W) LINE. NWSW 1/4 - 1/4 SEC. 13

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
2S	5W	13	ANR PRODUCTION COMPANY				

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

5. Lease Designation and Serial No.

Fee Lease

6. If Indian, Allottee or Tribe Name

Not Applicable

7. Unit Agreement Name

Not Applicable

8. Farm or Lease Name

Whight

9. Well No.

2-13B5

10. Field and Pool, or Wildcat

Bluebell-Altamont (055)

11. Sec., T., R., M., or Blk. and Survey or Area

Section 13, T2S, R5W

12. County or Parrish 13. State

Duchesne 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

ANR Production Company

3. Address of Operator

P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface

2251' FSL, 767' FWL (NW $\frac{1}{4}$ SN $\frac{1}{4}$) 13-2S-5W

At proposed prod. zone

Same As Above

14. Distance in miles and direction from nearest town or post office

Approximately 7 Miles Southwest of Altamont, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

767'

16. No. of acres in lease

640

17. No. of acres assigned to this well

320 Two (2) Wells Per Section

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.

2700'

19. Proposed depth

13,700' *Wesatch*

20. Rotary or cable tools

Rotary

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

6621' GR

22. Approx. date work will start

January 15, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
24 "	20 " Steel	Conductor	0- 40'	30 sx Redimix Circ. to Surf.*
12-1/4"	9-5/8" J-55	36#	0- 3,000'	900 sx Circ. to Surface
8-3/4"	7 " N-80	26#	0-11,000'	1500 sx Class "H" Nitrate Foam
6-1/2"	5 " S-95	18#	10,700-13,700'	500 sx 50/50 Pozmix

* Conductor Optional.

TECHNICAL REVIEW

Engr. [Signature]
Geol. [Signature]
Surface [Signature]

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

RECEIVED
JAN 10 1990

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. Signed [Signature: Dale Heitzman]
Dale Heitzman
(This space for Federal or State office use)

Title Authorized Agent Date 01/02/90

Permit No. 43-013-31258

Approval Date

Approved by
Conditions of approval, if any:

Title

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

DATE 1-22-90
BY [Signature]
WELL SPACING: Case No. 139-42

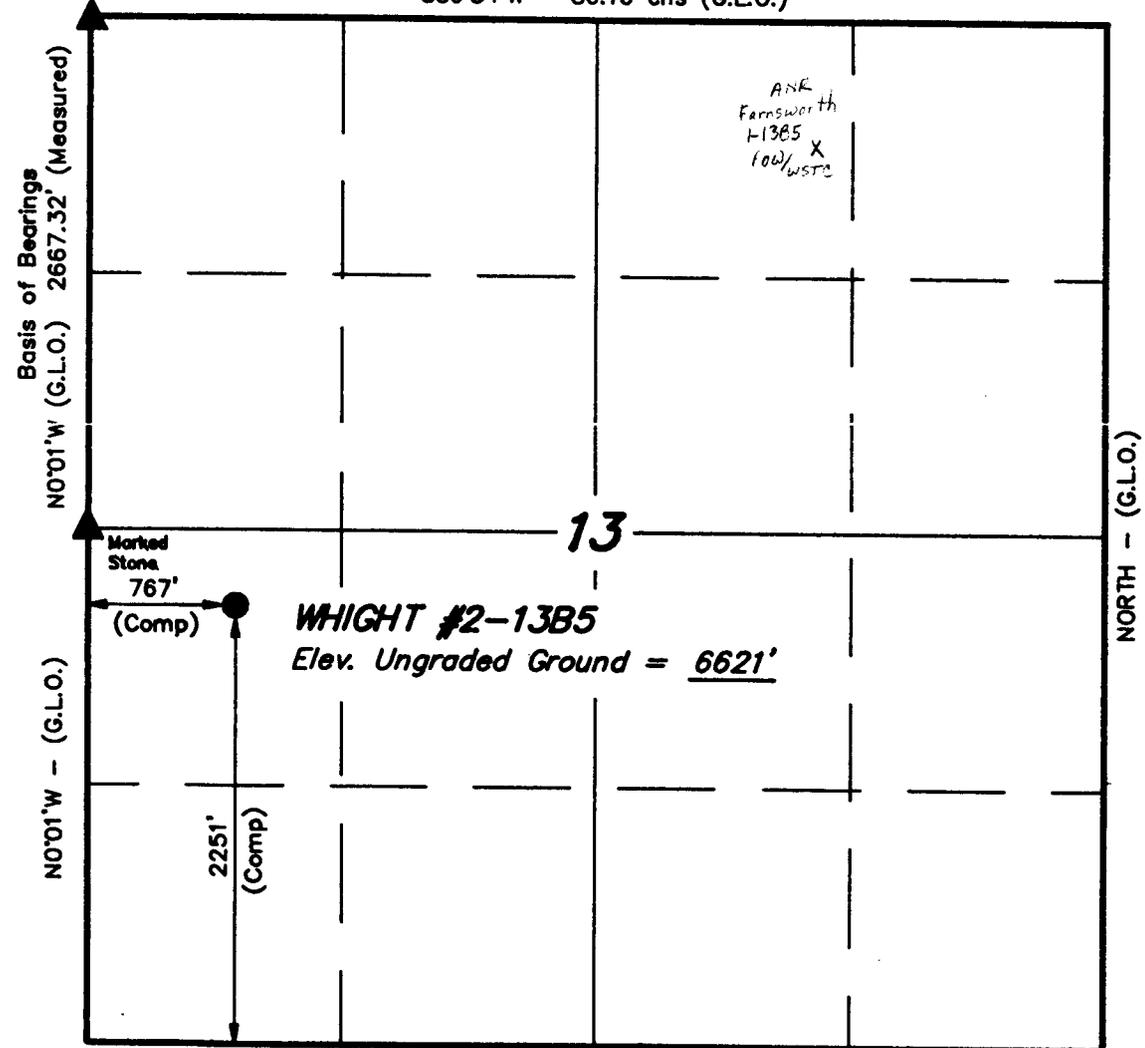
T2S, R5W, U.S.B.&M.

A N R PRODUCTION CO.

Well Location, WHIGHT #2-13B5 Located as shown in the NW 1/4 SW 1/4, Section 13, T2S, R5W, U.S.B.&M. Duchesne County, Utah.

Duchesne County
Alum. Cop

S89°54'W - 80.10 chs (G.L.O.)



ANK
Farnsworth
#1385
100' X
WSTC

13

WHIGHT #2-13B5
Elev. Ungraded Ground = 6621'

S89°54'W - 80.20 chs (G.L.O.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER SECTION 13, T2S, R5W, U.S.B.&M. TAKEN FROM THE TALMAGE QUADRANGLE, UTAH DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6710 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.

Robert L. Kay
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

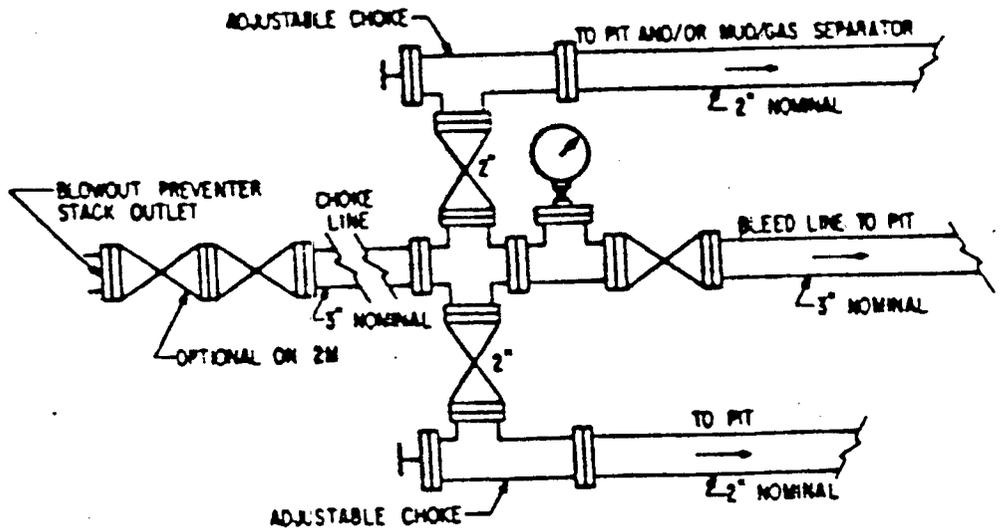
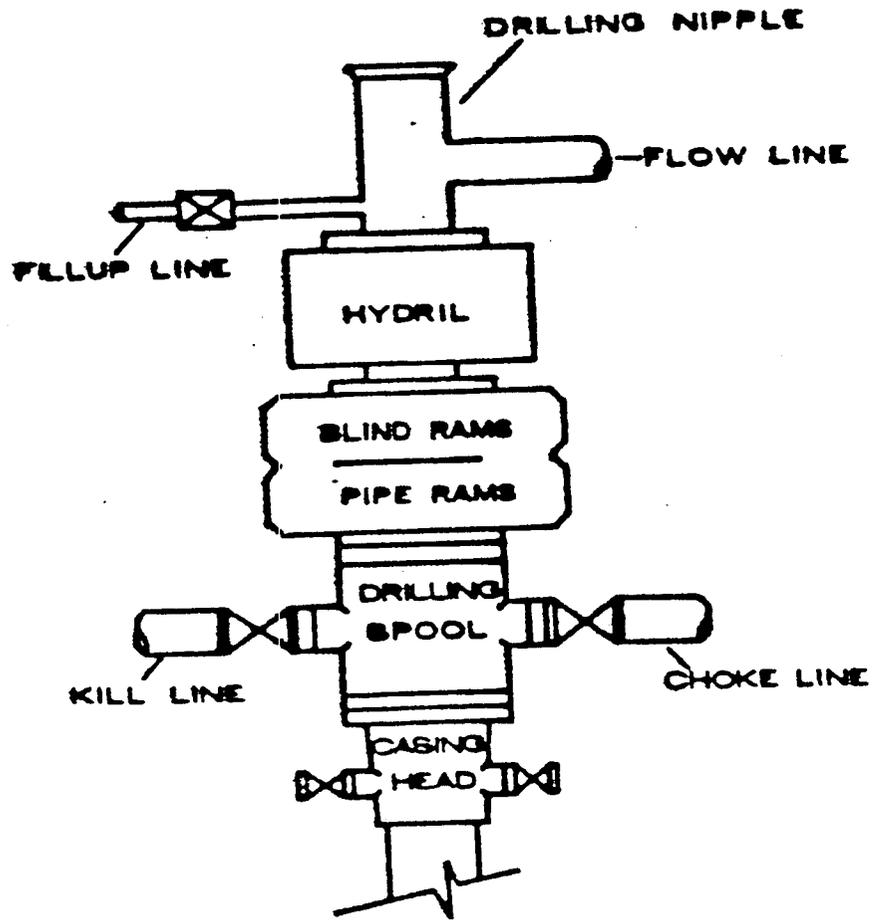
UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 86 SOUTH - 200 EAST
VERNAL, UTAH - 84078

▲ = SECTION CORNERS LOCATED.

NOTE:
LOCATION BEARS S63°10'15"E
859.26' FROM THE WEST 1/4
CORNER SECTION 13, T2S, R5W,
U.S.B.&M.

SCALE 1" = 1000'	DATE 1-1-90
PARTY L.D.T. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE A N R PRODUCTION CORP.

BOP STACK



ANR PRODUCTION COMPANY

#2-13B5
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 13, T2S, R5W
Duchesne County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Target Trucking will supply water from an existing reservoir located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 7, T1S, R3W; Water Right # T89-43-1S held by Target Trucking Company.

2. Methods of Handling Waste Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will be lined.

3. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stock-piled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the Surface Owner. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
- C. 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 and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

3. Plans for Reclamation of the Surface: Continued

- D. 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.
- E. The reclamation operations will begin 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. Rehabilitation operations should be completed by the Spring of 1991.

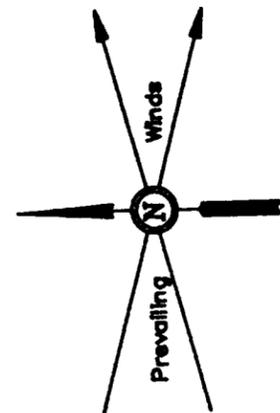
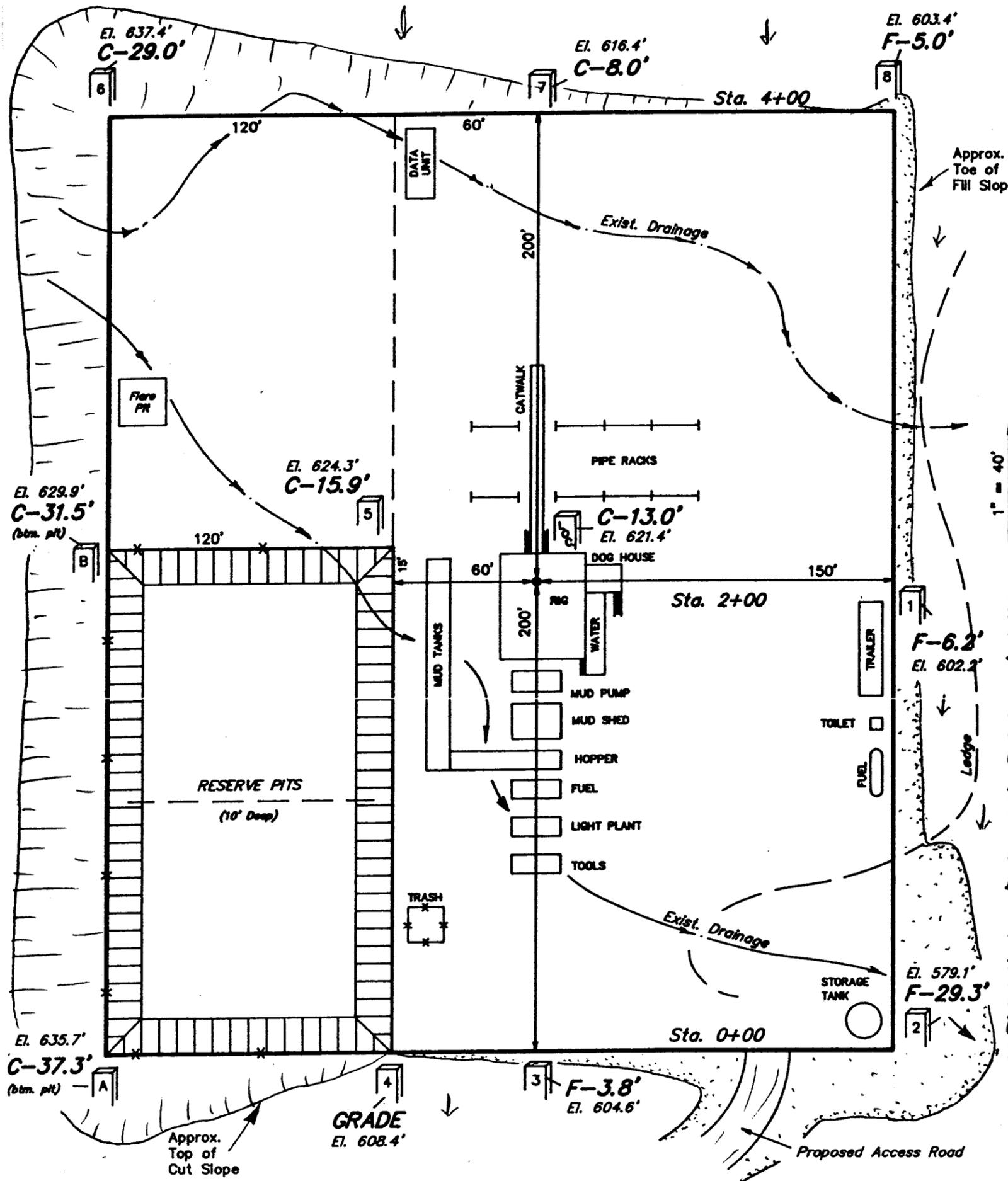
4. Other Information:

- A. The surface is owned by John Whight. Telephone: None. ANR Production Company has agreed to his requirements as to the rehabilitation of the surface. Mr. Whight's address is as follows:

John Whight
HCR-1, Box 369-11C
Forsyth
Missouri 65653

ANR PRODUCTION CO.

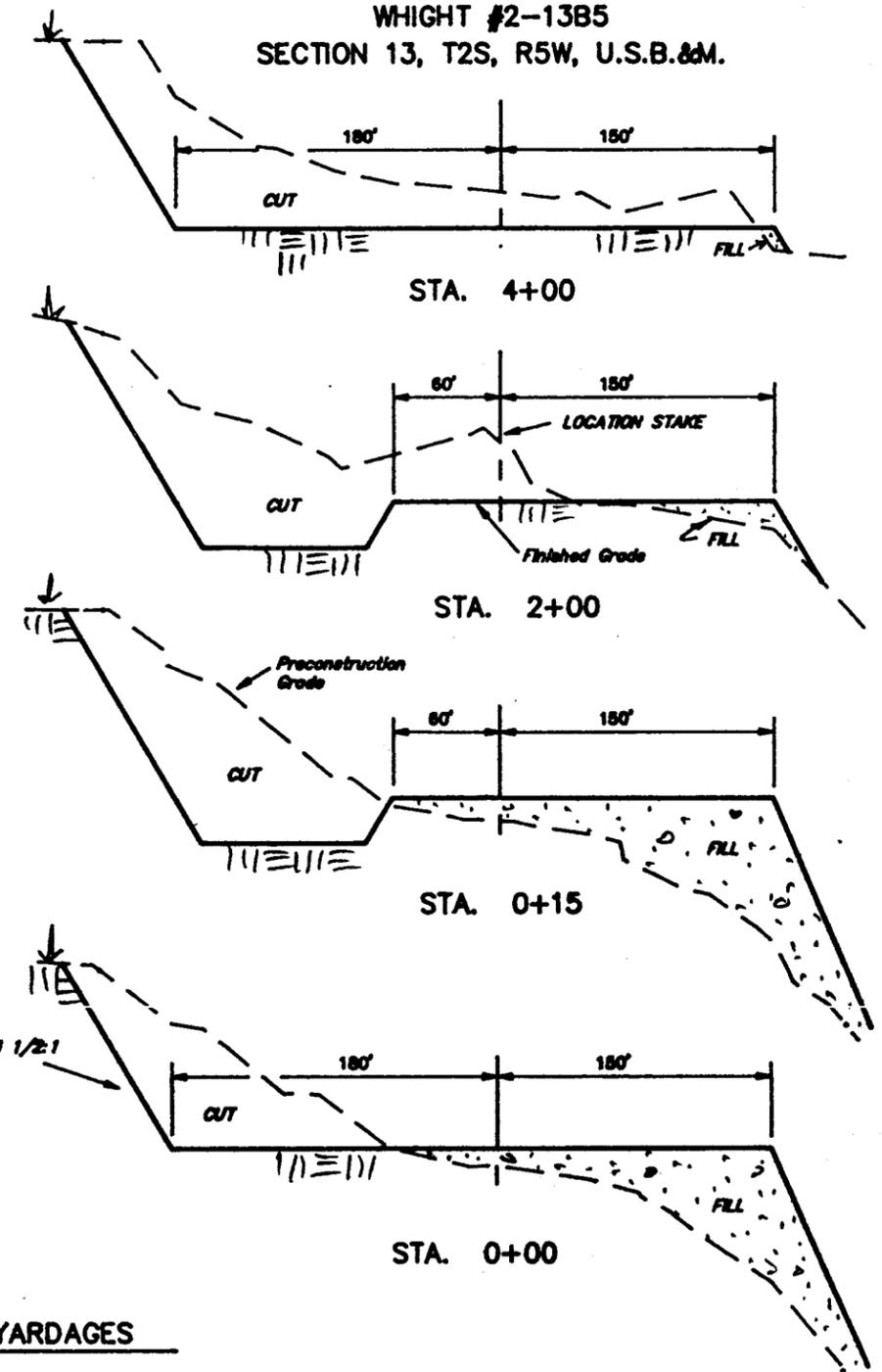
LOCATION LAYOUT FOR
WHIGHT #2-13B5
SECTION 13, T2S, R5W, U.S.B.&M.



SCALE: 1" = 50'
DATE: 1-1-90

X-Section Scale
1" = 40'
1" = 100'

TYP. LOCATION LAYOUT



APPROXIMATE YARDAGES

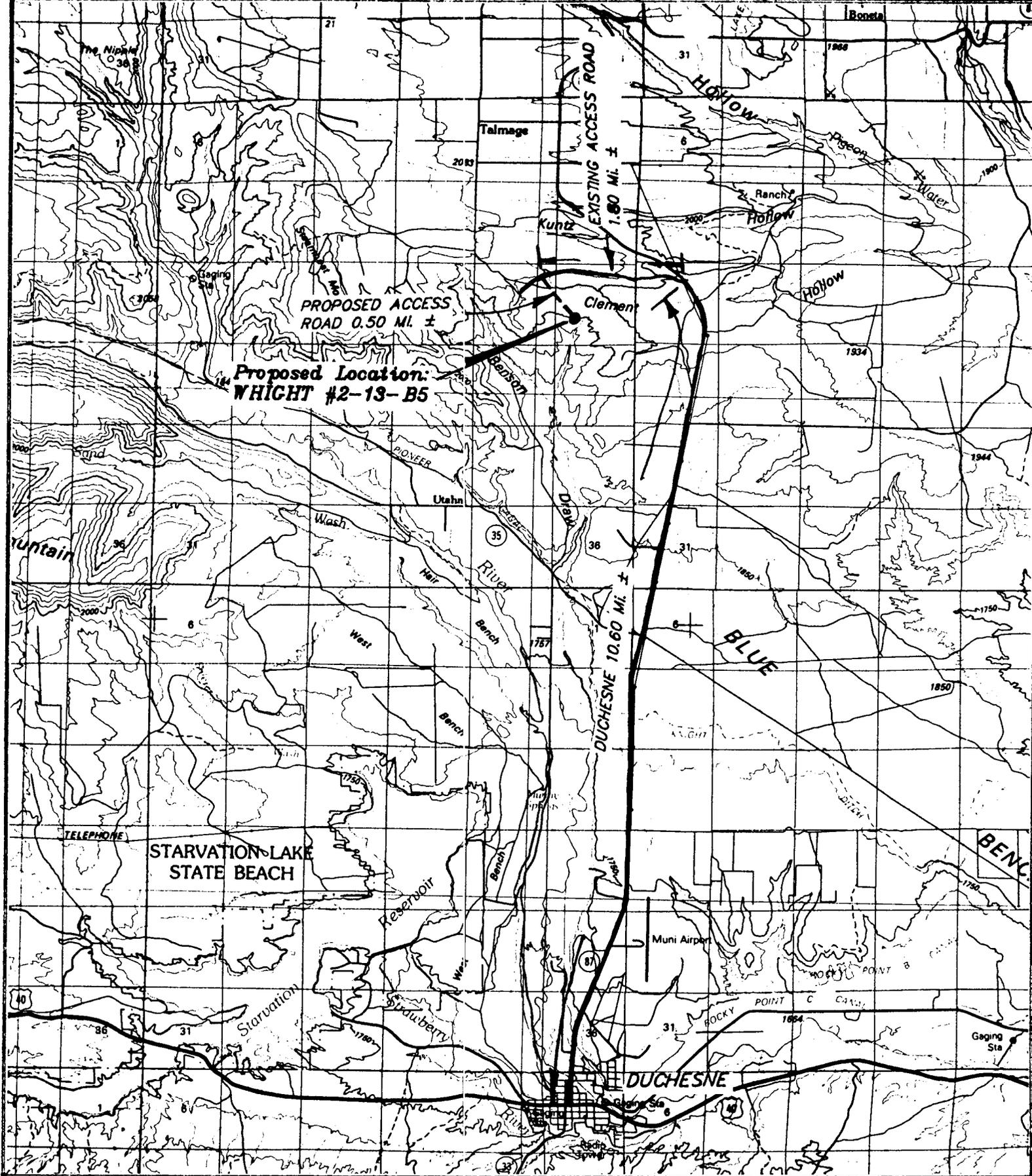
CUT		
(6") Topsoil Stripping	=	2,450 Cu. Yds.
Pit Volume (Below Grade)	=	7,778 Cu. Yds.
Remaining Location	=	48,491 Cu. Yds.
TOTAL CUT	=	58,719 CU.YDS.
FILL	=	19,178 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	38,532 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	6,339 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	32,193 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = **6621.4'**
FINISHED GRADE ELEV. AT LOC. STAKE = **6608.4'**

FIGURE #1



TOPOGRAPHIC
MAP "A"

1-1-90



A N R PRODUCTION CO.

WHIGHT #2-13-B5
SECTION 13, T2S, R5W, U.S.B.&M.

DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: ANR PRODUCTION CO. WELL NAME: WHIGHT 2-13B5
SECTION: 13 TWP: 2S RNG: 5W LOC: 2251 FSL 767 FWL
QTR/QTR NW/SW COUNTY: DUCHESNE FIELD: ALTAMONT-BLUEBELL
SURFACE OWNER: John Whight
SPACING: 660 F SECTION LINE 1320 F ANOTHER WELL
INSPECTOR: Brad Hill DATE AND TIME: 1/2/90 12:00 PM

PARTICIPANTS: John Baza-DOGM, Dale Heitzman-Heitzman Permitting,
Harley Jackson-Jackson Const., Robert Kay-Uintah Engineering

REGIONAL SETTING/TOPOGRAPHY: This location is located in the western Uinta Basin approximately 11 miles north of Duchesne. It is on the edge of Blue Bench overlooking Benson Draw. The pad will be built on the edge of the bench where a "stair step" type of topography is caused by interbedded sandstones and shales.

LAND USE:

CURRENT SURFACE USE: None

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be constructed approximately 400'X 330' including the reserve pit. The topography is steep and there will be a great deal of cut and fill involved. An access road will be constructed from the north of the location for a length of about 1.8 miles. most of the access road will be built on a relatively flat lying surface covered with eolian sand and sagebrush.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Juniper, Mountain Mahogany, Pinion, Mormon Tea, scattered grass, Prickly Pear/None seen, probable deer, birds and rabbits.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Surface soil is very thin and made up of weathered bedrock. What soil there is, is weathered shale with sandstone blocks and pieces.

SURFACE FORMATION & CHARACTERISTICS: Duchesne River Formation, consisting of interbedded sandstones and shales.

EROSION/SEDIMENTATION/STABILITY: This site is subject to extremely slow mass wastage but not to measurable erosion. The location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Green River-Wasatch 10,100'-13,700'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: As outlined in attachment to APD.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be 215'X 120'X 10' and placed on the uphill side of the drilling pad.

LINING: The pit is to be lined with a synthetic liner of 12 mil minimum thickness.

MUD PROGRAM: 0-3000'/native mud; 3000-13700'/gel/polymer

DRILLING WATER SUPPLY: To be purchased from Target Trucking.

STIPULATIONS FOR APD APPROVAL

Reserve pit is to be lined.

A berm should be placed around the pad to prevent fluids from running off of location.

A drainage diversion should be placed upslope to prevent drainage onto location.

ATTACHMENTS

Photographs will be placed on file.

4301331258

ONSITE PREDRILL INSPECTION FORM

COMPANY Utex Oil Co. WELL NO. Wright 2-13B5

Sw/Nw
LOCATION: SECTION 13 TOWNSHIP 2S RANGE 5W COUNTY Duchesne

LEASE NO. _____ ONSITE INSPECTION DATE 9/27/85

(A) PERSONS IN ATTENDANCE Jimmie Thompson-DOGM, Glenn Goodwin-DOGM
John Fauset-Dirt Contractor

(B) SURFACE FORMATION AND CHARACTERISTICS Uinta, sand and clay

(C) BRIEF DESCRIPTION OF VEGETATION Sage brush, and range grass

(D) ARCHAEOLOGICAL CLEARANCE: YES OR NO _____

(E) DESCRIPTION OF TOPOGRAPHY (drainages, slope, roads, etc.) Existing road
on the north side of location runs east to west.

(F) CONDITIONS FOR APPROVAL:

PIT LINING (YES OR NO) Yes

TYPE OF LINING IF NEEDED Bentonite mixed with natural soil 2#s per foot

ADDITIONAL REQUIREMENTS 24 to 36" colvert will be installed under the
access road at corner location #8, and other colverts as needed.

NOTE: THIS LOCATION MAY NEED TO BE ROTATED 90 degrees counter clock wise to
to accomdate the reserve pit. Dirt Contractor will check with the surveyor
and get back to me.

SIGNATURE: Jimmie Thompson TITLE Oil Gas Field Inspector

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE AMENDED	:	
PETITION OF ANR LIMITED INC.,	:	
ET AL. FOR AN ORDER MODIFYING	:	FINDINGS OF FACT,
PREVIOUS ORDERS WHICH	:	CONCLUSIONS OF LAW
ESTABLISHED DRILLING AND	:	AND ORDER
SPACING UNITS AND ANY OTHER	:	
ORDERS RELATING TO TEST WELLS	:	Docket No. 85-007
FOR THE ALTAMONT, BLUEBELL	:	Cause No. 139-42
AND CEDAR RIM-SINK DRAW	:	
FIELDS, DUCHESNE AND UINTAH	:	
COUNTIES, UTAH	:	

Pursuant to the Amended Notice of Hearing dated March 4, 1985 of the Board of Oil, Gas and Mining ("Board"), Department of Natural Resources of the State of Utah, said cause came on for hearing on Thursday, April 11, 1985 at 10:00 a.m. in the Board Room of the Division of Oil, Gas and Mining ("Division"), 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah.

The following members of the Board were present:

Gregory P. Williams, Chairman
James W. Carter
Charles R. Henderson
Richard B. Larson
E. Steele McIntyre
John M. Garr, having recused himself,
did not participate

Mark C. Moench, Assistant Attorney General, was present on behalf of the Board.

Members of the Staff of the Division present and participating in the hearing included:

Dr. Dianne R. Nielson, Director
Ronald J. Firth, Associate Director
John R. Baza, Petroleum Engineer

Barbara W. Roberts, Assistant Attorney General, was present on behalf of the Division.

Appearances were made as follows: Petitioners ANR Limited, et al., by Frank Douglass, Esq. and Ray H. Langenberg, Austin, Texas; Robert G. Pruitt, Jr., Esq., Salt Lake City, Utah; Frank J. Gustin, Esq., Salt Lake City, Utah; Louis A. Posekany, Jr., General Counsel, and George W. Hellstrom, Esq., ANR Production Company; Phillip K. Chattin, General Counsel, Utex Oil Company; Hugh C. Garner, Esq., for Coastal Oil & Gas Corporation; Phillip William Lear, Esq., for Phillips Petroleum Company; Jeffrey R. Young, Esq., for Bow Valley Petroleum, Inc.; B. J. Lewis, Esq., Vice President, and Robert W. Adkins, Esq., Linmar Energy Corporation; Robert Buettner, Esq., Koch Exploration Company; Lane Jamison, Esq., Sonat Exploration Company; Victor Brown and Robert Brown, Utah Royalty Association; John Harja, Esq., Gulf Oil Corporation; Martin Seneca, General Counsel, Ute Indian Tribe; Assad M. Raffoul, Petroleum Engineer, Bureau of Land Management; John Chasel, on his own behalf; George Morris, Esq., Ute Distribution Corporation; Dr. Gilbert Miller, Conservation Superintendent, Amarada Hess Corporation; and L. A. Pike, Roosevelt, Utah, landowner.

Now therefore, the Board having considered the testimony of the witnesses, John C. Osmond, Petroleum Geologist; Clarke Gillespie, Petroleum Reservoir Engineer; and R. Thayne Robson, Economist, for Petitioners and B. J. Lewis, Vice President, and John W. Clark, Petroleum Engineer, for Linmar Energy Corporation, and the exhibits received at said hearing and being fully advised in the premises, now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board has heretofore entered 640 acre drilling and spacing orders for the Lower Green River/Wasatch Formation in Causes No. 139-3, 139-4, 139-5, 139-8, and 139-17 (Altamont Field), Causes No. 131-11, 131-14, 131-24, 131-27, 131-32, 131-33, 131-34, 131-45 and 131-55, (Bluebell Field), and Causes No. 140-6 and 140-7 (Cedar Rim-Sink Draw Field) as to the following described lands:

UINTAH SPECIAL MERIDIAN

Township 1 North, Range 1 West
Sections: 19-36

Township 1 North, Range 2 West
Sections: 19-36

Township 1 North, Range 3 West
Sections 23-26, 35 and 36

Township 1 South, Range 1 East
Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 East
Sections: 4-8, 18-19, 30-31

Township 1 South, Range 1 West
Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 through 4 West
Sections: All

Township 1 South, Range 5 West
Sections: 10-17, 20-36

Township 1 South, Range 6 West
Sections: 25-26, 35-36

Township 2 South, Range 1 through 2 East
Sections: All

Township 2 South, Range 1 through 6 West
Sections: All

Township 2 South, Range 7 West
Sections: 19, 30-36

Township 2 South, Range 8 West
Sections: 23-26, 31-36

Township 3 South, Range 3 West
Sections: 5-8, 17-20, 29-32

Township 3 South, Range 4 through 8 West
Sections: All

Township 4 South, Range 3 West
Sections: 5 and 6

Township 4 South, Range 4 West
Sections: 1-6

Township 4 South, Range 5 West
Sections: 1-6

Township 4 South, Range 6 West
Sections: 1-18

SALT LAKE MERIDIAN

Township 5 South, Range 19 East
Sections: 20-23, 26-29, 32-35

Township 6 South, Range 19 East
Sections: 3-5, 9, 10, 15, 16, 22, 27
and 34

4. In Cause No. 140-12, the Board authorized the drilling of test or second wells that may only be produced alternatively with the initial well on the same drilling unit.

5. The Lower Green River/Wasatch Formation underlying the subject fields constitutes a pool as that term is defined in Utah Code Ann. §40-6-2(9) (1953, as amended), and is a highly complex series of isolated and discontinuous beds of productive rock that are randomly distributed vertically over a several thousand feet thick interval. Normally, the productive beds are separate and distinct and not in communication with each other.

6. Many of the productive beds are not correlatable from well to well and will not afford communication between wells as close as 1000 feet. Of the productive beds that correlate, various geological factors prevent a significant number from communicating between wells within the same section.

7. Geologic and engineering information from initial unit wells and test wells show that a single well will not effectively drain the recoverable oil and gas underlying any given 640 acre spacing unit because the productive beds are too

small or have other limiting characteristics precluding effective and efficient drainage of the recoverable reserves underlying the unit.

8. Data from production logs and field performance show that test wells drilled under the Order in Cause No. 140-12 after 1978 have caused the recovery of substantial amounts of oil from separate and distinct productive beds and from previously undepleted productive beds, and that the drilling of additional wells on existing units will increase the ultimate recovery of oil from the subject fields.

9. The prohibition of simultaneous production from the initial well and test well on the same unit has caused the shutting in of wells with the potential to produce substantial amounts of additional reserves.

10. Each additional well drilled under this order will tap producing formations that are separate and distinct from and not in communication with any other producing formation and is not an unnecessary well.

11. In some areas of the subject fields, geologic, engineering, and economic factors justify drilling additional wells on existing units. In other areas, geologic, engineering and economic factors may not justify drilling additional wells on existing units.

CONCLUSIONS OF LAW

1. Due and regular notice of the time, place and

purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board is authorized to modify its previous orders to permit additional wells to be drilled within established units under Utah Code Ann. §40-6-6(4) (1953, as amended).

4. An order permitting (a) the drilling of additional wells on existing units as provided herein and (b) the simultaneous production of initial wells and additional wells will prevent the waste of hydrocarbons, prevent the drilling of unnecessary wells, and protect correlative rights.

ORDER

IT IS THEREFORE ORDERED:

To prevent waste of oil, gas and associated liquid hydrocarbons, to avoid the drilling of unnecessary wells, to protect correlative rights and to maintain, to the maximum extent practicable, drilling units of uniform size and shape for the promotion of more orderly development of the lands described in Finding of Fact No. 3 above, the following order is hereby promulgated to govern operations in said area effective as of April 12, 1985:

A. Upon the effective date any and all orders of the Board heretofore promulgated which are inconsistent with the orders herein set forth shall be and are hereby vacated to the extent inconsistent herewith.

B. Additional wells may be drilled, completed, and produced on established drilling units comprising government surveyed sections of approximately 640 acres (or other designated drilling units so long as such unit is at least 400 acres in size) to a density of no greater than two producing wells on each unit comprising a section (or other designated unit).

C. Additional wells may be drilled at the option of the operator of the unit, based upon geologic and engineering data for that unit which will justify the drilling of an additional well in order to recover additional oil, provided the additional well appears to be economically feasible.

D. Economically feasible means that a prudent operator would have a reasonable opportunity to recover the costs of drilling, completing, producing and operating the well, plus a reasonable profit.

E. It is not the intent of this order, in permitting additional wells to be drilled on established drilling units, to change or amend the existing contractual rights or relationships, express or implied, of any parties who share in production or the proceeds therefrom in the spaced area.

F. Any additional well must be located at least 1,320 feet from the existing well on the unit and not closer than 660

feet from the exterior boundary of the unit. No two wells may be drilled in any drilling unit within the same governmental quarter section or equivalent lot.

G. If an operator elects to initially complete a well solely within producing formations that are separate and distinct from and not in communication with any other producing formation, the operator will use reasonable precautions in order that such well is not completed in any producing formation that may be effectively drained by any other well.

H. Second or test wells drilled under previous orders as well as additional wells to be drilled under this order may be produced simultaneously with initial wells.

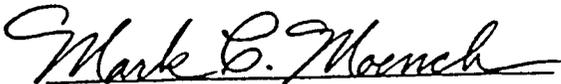
I. The Board retains exclusive and continuing jurisdiction of all matters covered by this order and of all parties affected thereby and particularly that the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED this 17th day of April, 1985.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING


GREGORY P. WILLIAMS, Chairman

APPROVED AS TO FORM:


MARK C. MOENCH
Assistant Attorney General

OPERATOR ANR Production Company (N0675) DATE 1-11-90
 WELL NAME Whight 2-13B5
 SEC NWSW 13 T 2S R 5W COUNTY Duchesne

43-013-31258
 API NUMBER

Fee
 TYPE OF LEASE

CHECK OFF:

PLAT

Statewide (Coastal)
 BOND

NEAREST WELL

LEASE

FIELD (usm)

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under Cause No. 139-42
Water Permit T89-43-15 not valid for this well. Need Water Permit.
Presite received / 1-18-90

APPROVAL LETTER:

SPACING: R615-2-3 N/A R615-3-2
 UNIT

139-42 4-12-85 R615-3-3
 CAUSE NO. & DATE

STIPULATIONS:

1. Water Permit
2. Fee Land Stipulation
3. The reserve pit shall be lined with a synthetic liner of at least 12 mil thickness.
4. A berm shall be installed around the pad to prevent fluid runoff from location.
5. A drainage diversion shall be placed up slope to prevent drainage onto location.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 22, 1990

ANR Production Company
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: Whight 2-13B5 - NW SW Sec. 13, T. 2S, R. 5W - Duchesne County, Utah
2251' FSL, 767' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 12, 1985, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. ANR Production Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
3. The reserve pit shall be lined with a synthetic liner of at least 12 mil thickness.
4. A berm shall be installed around the pad to prevent fluid runoff from location.
5. A drainage diversion shall be placed up slope to prevent drainage onto location.

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

1. Spudding notification within 24 hours after drilling operations commence.

2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must 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 Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31258.

Sincerely,



R. J. Birth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED

FEB 01 1990

DESIGNATION & SERIAL NO. Applicable
 INDIAN ALLOTTEE OR TRIBE NAME Not Applicable
 UNIT AGREEMENT NAME Not Applicable
 FARM OR LEASE NAME Whight
 WELL NO. 2-13B5
 FIELD AND POOL, OR WILDCAT Bluebell-Altamont
 SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 13, T2S, R5W
 COUNTY Duchesne STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS
 (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Permitted

2. NAME OF OPERATOR ANR Production Company

3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
 At surface 2251' FSL, 767' FWL (NW $\frac{1}{4}$ SW $\frac{1}{4}$)
 At proposed prod. zone

14. API NO. 43-013-31258

15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6621' GR

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"/>	FULL 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>Abandon Location</u> <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

This location will not be drilled due to surface topography. A new permit will be filed to replace this one at a later date.

Oil and Gas

DATE _____

JRS _____

DTB _____

KCR Lee

2-TAS

MICROFILM

3 FILE

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

SIGNED Dale Heitzman TITLE Authorized Agent DATE January 29, 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



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

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

February 7, 1990

ANR Production Company
P.O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: Whight #2-13B5, Sec. 13, T. 2S, R. 5W, Duchesne County, Utah,
API No. 43-013-31258

Per your request, approval to drill the above referenced well is hereby rescinded. 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,

Don Staley
Administrative Supervisor
Oil and Gas

TAS/lde
cc: D.R. Nielson
R.J. Firth
Well file
HOI1/18