

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

Powell

9. Well No.

4-13A2

10. Field and Pool, or Wildcat <sup>005</sup>

Altamont *Burbell*

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

Section 13, T1S, R2W

12. County or Parrish 13. State

Duchesne County, 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

734' FNL, 869' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ )

At proposed prod. zone  
Same

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

Two (2) Miles Southwest of Neola, Utah

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

734'

16. No. of acres in lease

117.72

17. No. of acres assigned to this well

Spacing Unit 634.77

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

100' \*

19. Proposed depth

7200' Green River

20. Rotary or cable tools

Rotary

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

5764' GR

22. Approx. date work will start\*

June 15, 1991

23. 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" K-55	36#	250'	Circulate to Surface
8-3/4"	7 " K-55	26# LT&C	7200'	800 sx Lite + Class "G"

\* 100' from the Powell #2-13A2, a Wasatch production

TECHNICAL REVIEW

Engr. *JM* 6/12/91

Geol. \* *SL* 6/14/91

Surface *BA* 6/2/91

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PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

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 *Dale Heitzman* Title Authorized Agent Date June 3, 1991

(This space for Federal or State office use)

Permit No. 43-013-31319 Approval Date

Approved by Title DATE: 6-12-91

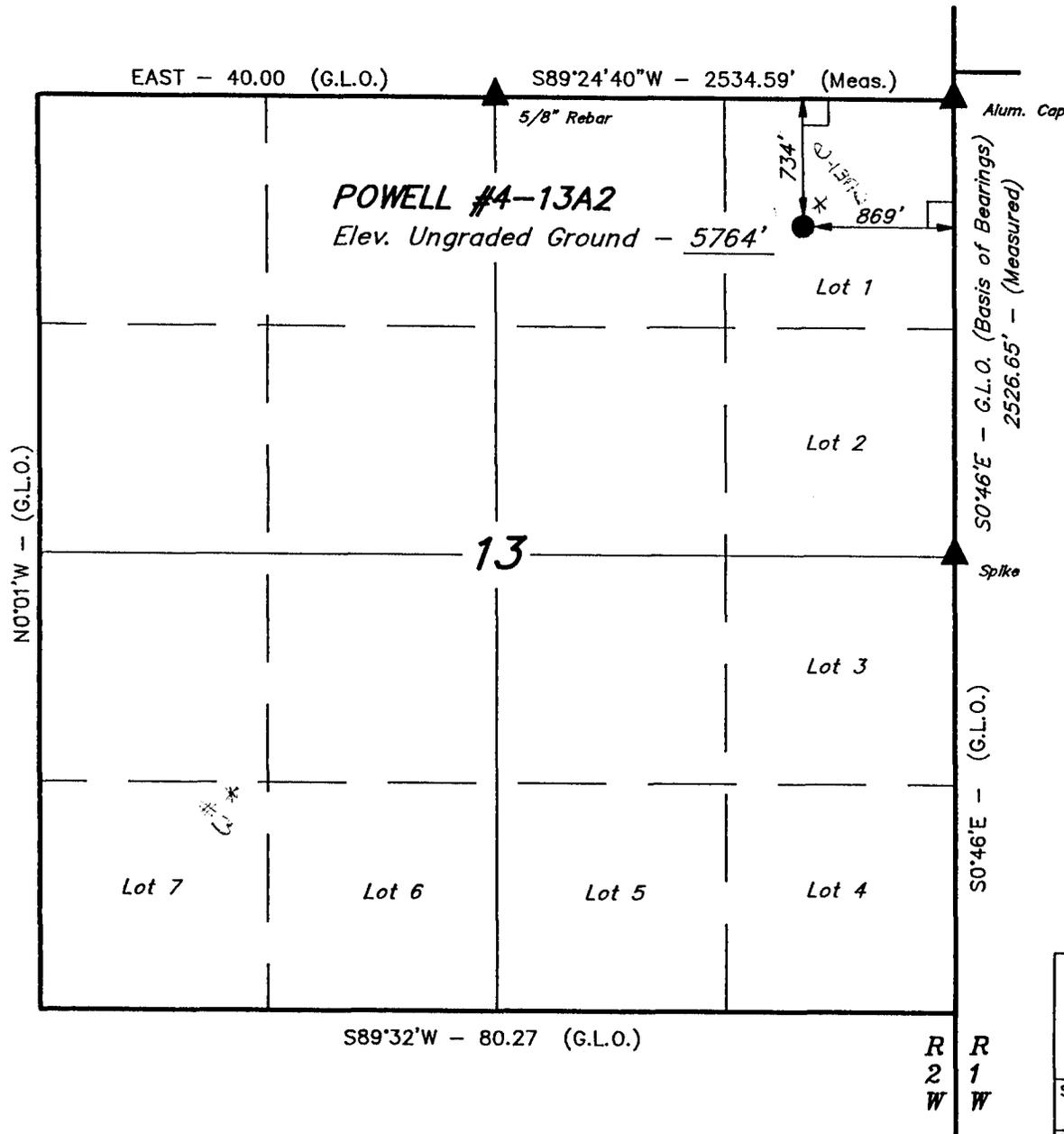
Conditions of approval, if any: BY: *JM* WELL SPACING: 615-3-2

\*SEE ATTACHED RECOMMENDATION

T1S, R2W, U.S.B.&M.

**COASTAL OIL & GAS CORP.**

Well location, POWELL #4-13A2, located as shown in Lot 1 of Section 13, T1S, R2W, U.S.B.&M. Duchesne County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 18, T1S, R2W, U.S.B.&M. TAKEN FROM THE NEOLA QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5817 FEET.

NOTE:

EXISTING WELL, POWELL #2-13K BEARS N28°10'42"E 87.00' FROM THE PROPOSED LOCATION STAKE.



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*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX 1758 - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5-16-91
PARTY G.S. B.M. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE COASTAL OIL & GAS CORP.

▲ = SECTION CORNERS LOCATED.

ANR PRODUCTION COMPANY

#4-13A2 Powell  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 13, T1S, R2W  
Duchesne County, Utah

Drilling Prognosis

1. Estimated Formation Tops:

Surface	Uinta
Green River	6500'
Total Depth	7200'

2. Pressure Control Equipment:

Type : One 10" X 2000 psi annular preventer.  
One 10" X 2000 psi double ram preventer (blind ram above, pipe ram below).  
One wing with two manual valves and one choke.  
One positive choke and one adjustable.

Testing Procedure : The BOP and choke manifold will be pressure tested to the rated working pressure or 70% of the internal yield strength of the surface casing, whichever is less, for a period of 15 minutes upon installation; once every thirty days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

3. Drilling Fluids Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-Total Depth	Aerated Water	--	--	--

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

4. Evaluation Program:

Logs : DIL with Caliper - Surface to Total Depth  
FDC-CNL - Approximately 6500 Feet to Total Depth

Logging Program may change at the discretion of the wellsite geologist.

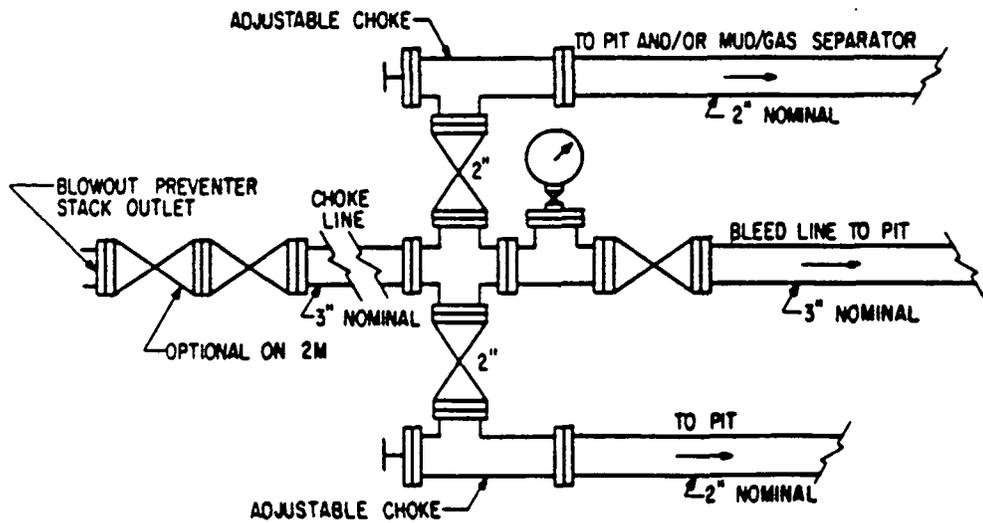
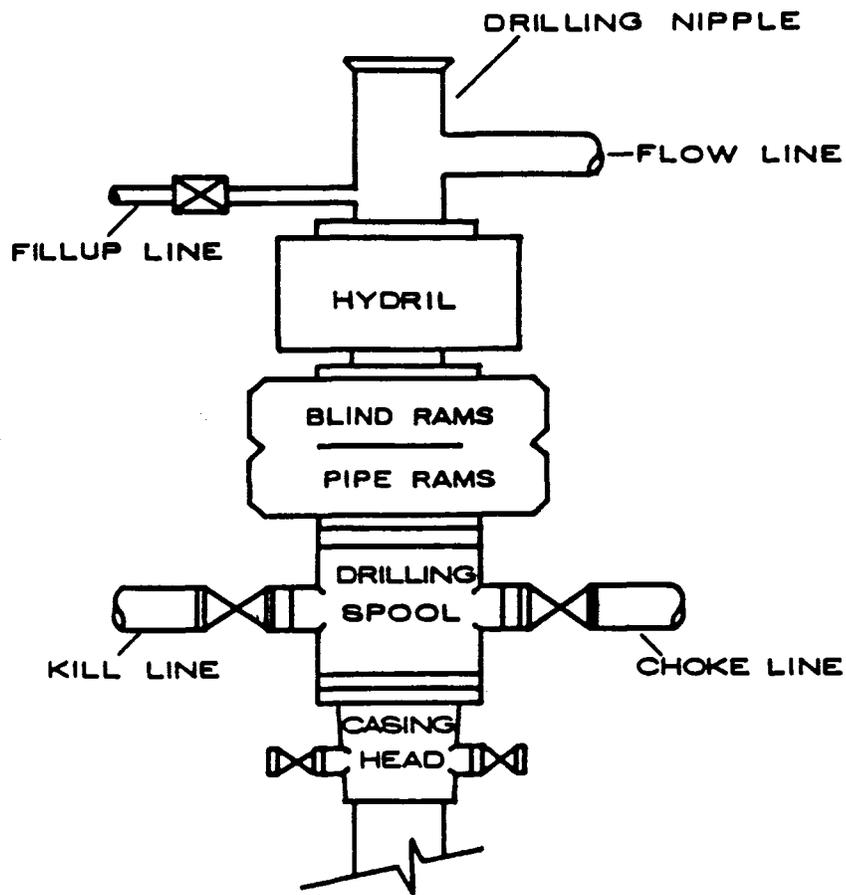
DST's : None Anticipated

Cores : None Anticipated

5. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated surface pressure equals 1800 psi.

# BOP STACK



ANR PRODUCTION COMPANY

#4-13A2 Powell  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 13, T1S, R2W  
Duchesne County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:
  - A. Dalbo Trucking will supply water from the Lake Fork Canal located in the NE $\frac{1}{4}$  Section 34, Township 1 South, Range 4 West; Permit #43-9966; Application #T62344.
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 not be lined unless fractured rock or extremely porous soil/rock formations are encountered.
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 stockpiled 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 Fall of 1992.

4. Surface Ownership:

Elray and Bonnie Duncan  
Box 1170 Route #1  
Roosevelt, Utah 84066  
Telephone: (801) 353-4455

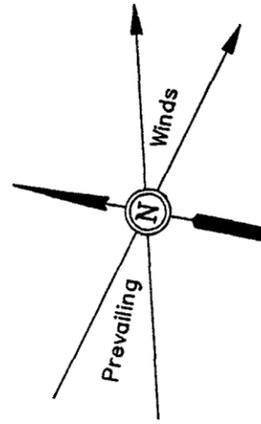
5. Contact for Additional Data if Required:

Heitzman Drill-Site Services  
Dale Heitzman/Bob Anderson  
P. O. Box 3579  
Casper, Wyoming 82602  
Telephone: (307) 266-4840

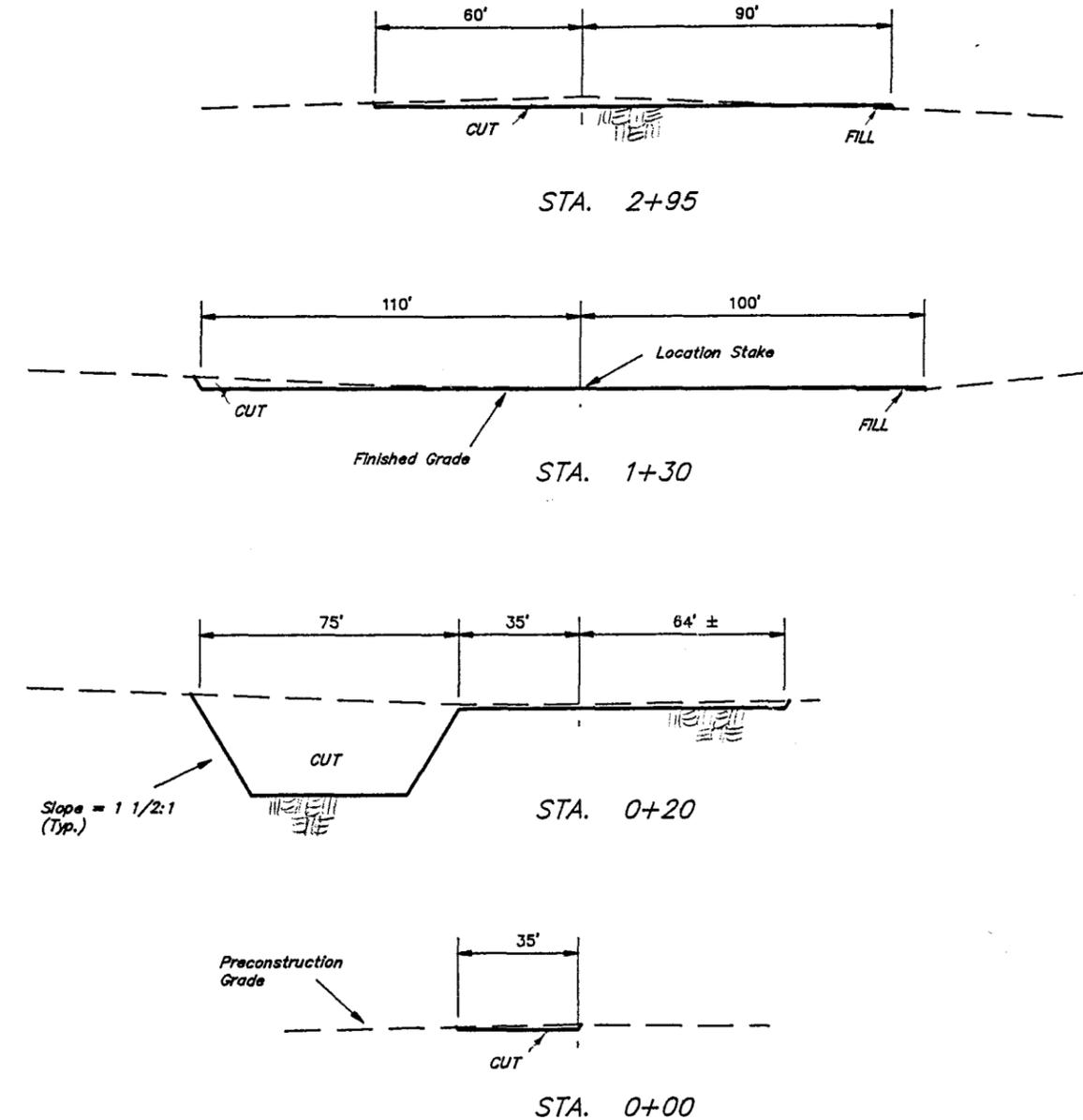
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DIVISION OF  
OIL GAS & MINING



SCALE: 1" = 50'  
DATE: 5-15-91  
Drawn By: T.D.H.



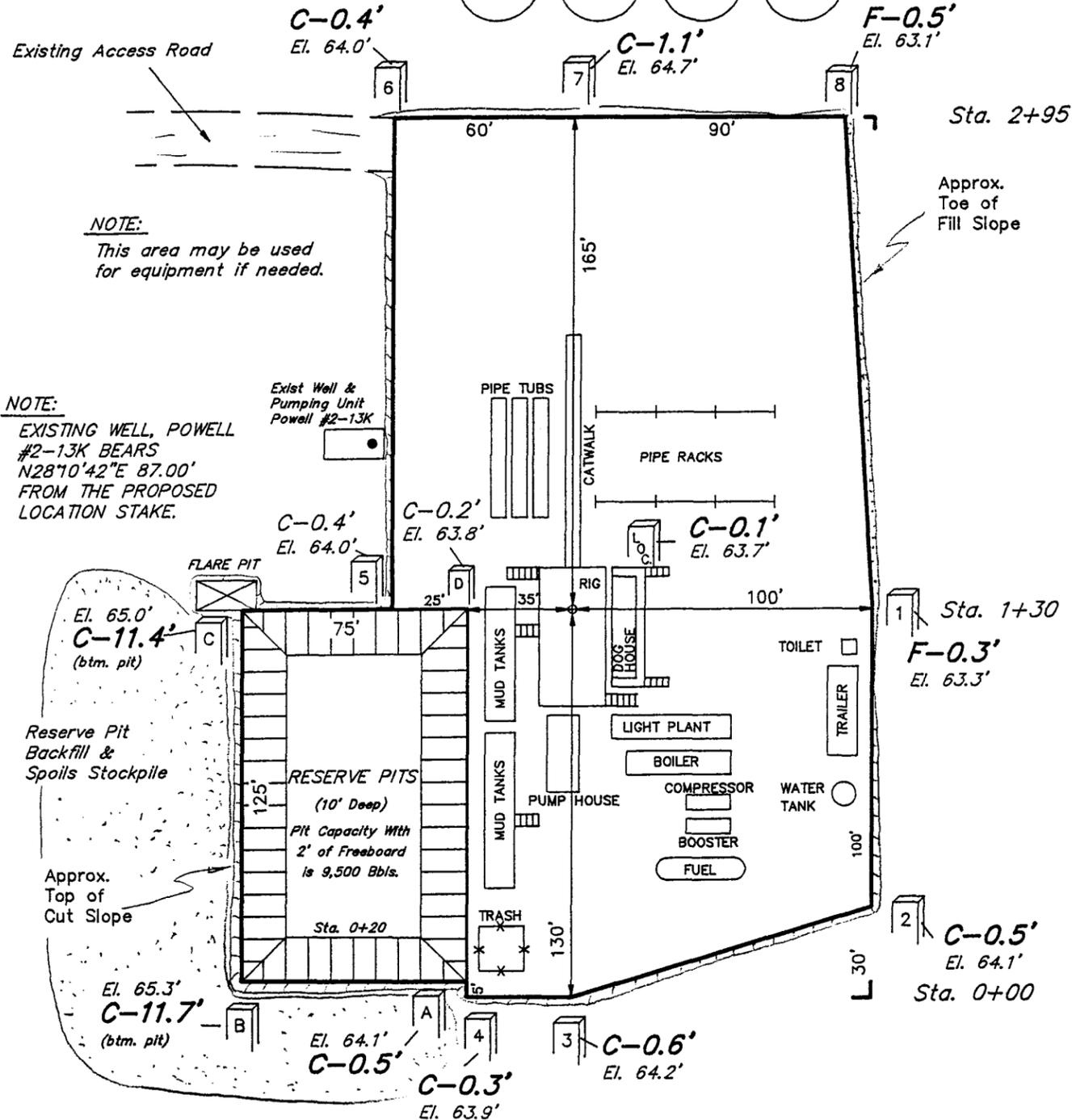
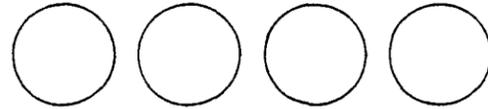
TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5763.7'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5763.6'

FIGURE #1

EXISTING TANK BATTERY

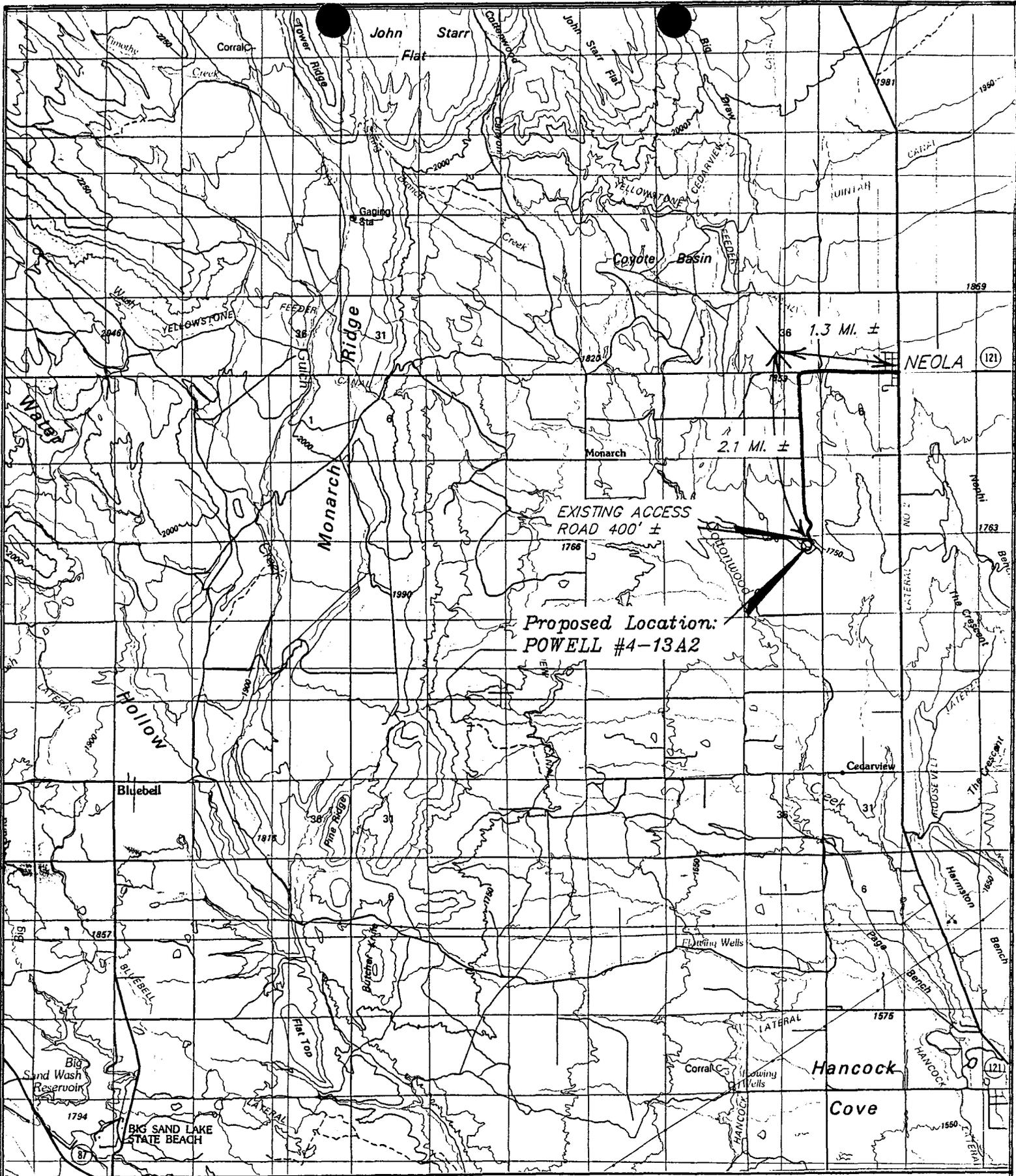


NOTE:  
This area may be used  
for equipment if needed.

NOTE:  
EXISTING WELL, POWELL  
#2-13K BEARS  
N28°10'42"E 87.00'  
FROM THE PROPOSED  
LOCATION STAKE.

APPROXIMATE YARDAGES

TOTAL CUT	=	3,470 CU.YDS.	EXCESS MATERIAL AFTER 5% COMPACTION	=	3,410 Cu. Yds.
FILL	=	60 CU.YDS.	Pit Backfill (1/2 Pit Vol.)	=	1,220 Cu. Yds.
			EXCESS UNBALANCE (After Rehabilitation)	=	2,190 Cu. Yds.



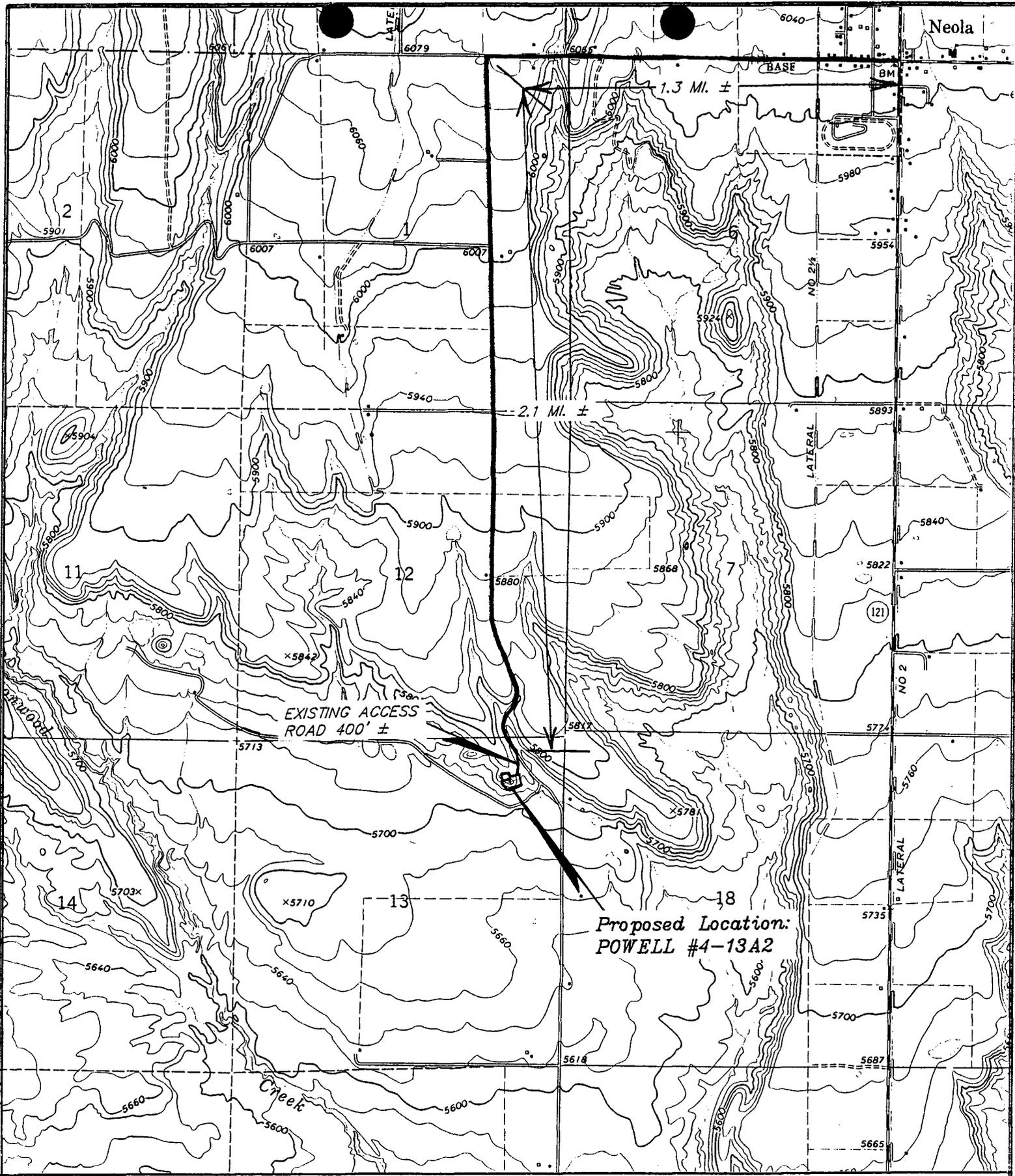
TOPOGRAPHIC  
MAP "A"

DATE 5-16-91 R.E.H.



**COASTAL OIL & GAS CORP.**

POWELL #4-13A2  
SECTION 13, T1S, R2W, U.S.B.&M.



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE 5-16-91 R.E.H.



**COASTAL OIL & GAS CORP.**  
 POWELL #4-13A2  
 SECTION 13, T1S, R2W, U.S.B.&M.

DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: ANR PRODUCTION COMPANY WELL NAME: POWELL 4-13A4  
SECTION: 13 TWP: 1S RNG: 2W LOC: 734 FNL 869 FEL  
QTR/QTR NE/NE COUNTY: DUCHESNE FIELD: ALTAMONT  
SURFACE OWNER: ELRAY AND BONNIE DUNCAN  
SPACING: 660 F SECTION LINE 1320 F ANOTHER WELL  
INSPECTOR: BRAD HILL DATE AND TIME: 5/28/91 11:00

PARTICIPANTS: Dale Heitzman-Permit agent; Robert Kay-Uintah Engineering; Don Nichols-ANR

REGIONAL SETTING/TOPOGRAPHY: The proposed well is located in the northern central Uinta Basin, on the pad of an existing well.

LAND USE:

CURRENT SURFACE USE: Producing location (Powell 2-13k).

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be constructed with approximate dimensions of 295'X 160' with an 125'X 75' extension for the reserve pit. No access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Dirt, rocks and frac balls.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Clayey-silt with abundant cobbles.

SURFACE FORMATION & CHARACTERISTICS: Quaternary Alluvium

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at this time. Location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Green River-6,500'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: As per landowner instructions.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular in shape and approximately 125'X 75'X 10'.

LINING: To be lined with a synthetic liner of 12 mil minimum thickness.

MUD PROGRAM: Aerated water

DRILLING WATER SUPPLY: Duchesne River

STIPULATIONS FOR APD APPROVAL

Reserve pit to be lined with synthetic liner.

\*

APD Geological Review  
ANR Production Company  
4-13A2 Well, Sect. 13, T1S, R2W, Duchesne Co.

**Recommendations:**

The drilling program proposed includes surface pipe set at 250'. Since there is a disposal well in the same section injecting at 2129' to 2386', and base of mod. saline water at about 1100', I recommend additional surface casing be set and cemented, or at least cement the production casing up above the bottom of the surface casing.



6-11-91

OPERATOR ANR Production Co N-0675 DATE 6-11-91

WELL NAME Powell 4-13A0

SEC NENE 13 T 15 R 02W COUNTY Duchesne

43-013-31319  
API NUMBER

Area (4)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

80,000  
06053801

NEAREST  
WELL

LEASE

FIELD

USAM

POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

+100 feet from Powell 0-13A0 -  
water permit 43-9906 (T 02344) Dallas Trucking  
Permit 6-6-91 (Geology index) 6-11-91

APPROVAL LETTER:

SPACING:

R615-2-3

N/A

UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

cc: It lands

1. Reserve pit to be lined with synthetic liner.
2. When the long string is cemented Production casing cement must be brought back to the surface <sup>and</sup> at least ~~into~~ above the surface casing shoe.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
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

June 26, 1991

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

Gentlemen:

Re: Powell 4-13A2 Well, 734 feet from the North line, 869 feet from the East line, NE NE, Section 13, Township 1 South, Range 2 West, Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Admin. R.615-3-2, subject to the following stipulations:

1. In accordance with Utah Admin. R. 615-3-2.2, the locating and siting of the Powell 4-13A2 adjacent to the area included in the order in Cause No. 131-81, dated March 27, 1989, requires that ANR Production Company in the event the well is completed as an Upper Green River gas producer, request the Board of Oil, Gas & Mining to modify the order in Cause No. 131-81 to include Section 13.
2. Consideration should be given to setting more than 250' of 9-5/8" surface casing. In any event the production casing must be cemented sufficiently to provide that cement extends to above the shoe of the surface casing.
3. The reserve pit is to be lined with a synthetic liner.

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

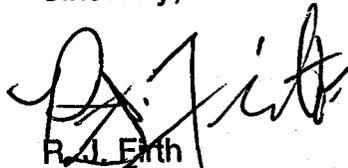
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.

Page 2  
ANR Production Company  
Powell 4-13A2  
June 12, 1991

4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
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 Drinking Water/Sanitation, telephone (801) 538-6159.
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 43-013-31319.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
Division of State Lands  
J. L. Thompson  
we14/1-14

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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>		<p>5. LEASE DESIGNATION &amp; SERIAL NO. <b>FEE LEASE</b></p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b></p>
<p>2. NAME OF OPERATOR <b>ANR Production Company</b></p>		<p>7. UNIT AGREEMENT NAME <b>N/A</b></p>
<p>3. ADDRESS OF OPERATOR <b>P.O. Box 749 Denver, CO 80201-0749</b></p>		<p>8. FARM OR LEASE NAME <b>Powell</b></p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>734' FNL 869' FEL (NE NE)</b> At proposed prod. zone <b>SAME</b></p>		<p>9. WELL NO. <b>4-13A2</b></p>
<p>14. API NO. <b>43-013-31319</b></p>		<p>10. FIELD AND POOL, OR WILDCAT <b>Altamont-Bluebell</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5764' GROUND</b></p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 13, T1S R2W</b></p>
<p>12. COUNTY <b>Duchesne</b></p>		<p>13. STATE <b>Utah</b></p>

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL (Other) <input type="checkbox"/></p> <p>FULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p style="text-align: center;">Change Casing Size <input checked="" type="checkbox"/></p>	<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) _____</p> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p> <p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>
APPROX. DATE WORK WILL START <u>On approval</u>	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.

Surface Casing  
From 9 5/8" to 8 5/8" J-55 24# Circulate cement to surface.

Production  
From 7" to 5 1/2" J-55 17# LT&C 800± SX Lite & Class "G"  
Cement back to surface.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 6-24-91  
BY: [Signature]

**RECEIVED**  
JUN 20 1991  
DIVISION OF  
OIL GAS & MINING

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

SIGNED [Signature] TITLE Agent DATE June 17, 1991

(This space for Federal or State office use)

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

See Instructions On Reverse Side



ENTITY ACTION FORM - FORM 6

OPERATOR ANR PRODUCTION COMPANY  
ADDRESS P. O. Box 749  
Denver, Colorado 80201-0749

OPERATOR ACCT. NO. N 0675

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11263	43-013-31319	Powell #4-13A2	NENE	13	1S	2W	Duchesne	8/13/91	8/13/91
WELL 1 COMMENTS: Fee-Lease Prop. Zone - GRRV Field - Bluebell (New entity 11263 added 9-5-91) JR Unit - N/A											
A	11190	11190	43-013-31140	Ute #2-6B2	NENW	6	2S	2W	Duchesne	8/30/91	8/30/91
WELL 2 COMMENTS: Fee-Lease Prop. Zone - WSTC Field - Bluebell (Entity 11190 was assigned 1-15-91, rat hole spud on 12-26-85) Unit - N/A											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED

AUG 30 1991

DIVISION OF  
OIL GAS & MINING

*Eileen Danni Dey*  
Signature Eileen Danni Dey

Regulatory Analyst 8/27/91  
Title Date

Phone No. (303) 573-4476

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

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse)

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: 734' FNL, 854' FEL  
At proposed prod. zone: Same

14. Distance in miles and direction from nearest town or post office\*  
Two (2) Miles Southwest of Neola, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drilg. line, if any) 734'

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 100' \*

21. Elevations (Show whether DP, RT, GR, etc.)  
5764' GR

5. Well Identification and Canal No.

Fee Lease  
6. If Indian, Allottee or Tribe Name  
Not Applicable

7. Unit Agreement Name  
Not Applicable

8. Farm or Lease Name  
Powell

9. Well No.  
4-13A2

10. Field and Pool, or Wildcat  
Altamont

11. Sec., T., R., M., or Blk. and Survey or Area  
Section 13, T1S, R2W

12. County or Parrish 13. State  
Duchesne County, Utah

16. No. of acres in lease 117.72  
17. No. of acres assigned to this well Spacing Unit 634.77

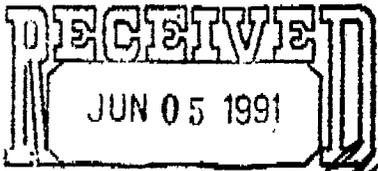
19. Proposed depth 7200' Green River  
20. Rotary or cable tools Rotary

22. Approx. date work will start\*  
June 15, 1991

23. 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" K-55	36#	3000'	Circulate to Surface
7 1/8"	5 1/2" K-55	17# LT&C	7200'	1100 ex 50:50 P&Z = Hi-Fill Cmt

DRLG & PROD DEPARTMENT  
DENVER, COLORADO



PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

*NEW CHANGES*

REC'D \_\_\_\_\_ VEG \_\_\_\_\_ FRM \_\_\_\_\_ CEM \_\_\_\_\_  
DND \_\_\_\_\_ TLJ \_\_\_\_\_ SCP \_\_\_\_\_  
MDE \_\_\_\_\_ MOR \_\_\_\_\_ LPS \_\_\_\_\_ RLB \_\_\_\_\_

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: *Dale Heitzman* Title: Authorized Agent Date: June 3, 1991  
(This space for Federal or State office use)

Permit No. 43-013-31319 Approval Date APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ DATE: 9/9/91 BY: *[Signature]*  
Conditions of approval, if any: 35A-39A0  
\*See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
CEMENTING OPERATIONS

COMPANY NAME: ANR PRODUCTION COMPANY API NO: 43-013-31319

WELL NAME: POWELL 4-13A2

QTR/QTR NE NE SECTION 13 TOWNSHIP 1S RANGE 2W

CEMENTING COMPANY: HALLIBURTON WELL SIGN: N

INSPECTOR: BERRIER DATE: AUG.15 1991

CEMENTING OPERATIONS: PLUGBACK:        SQUEEZE:        P&A ZONE:       

SURFACE CASING: Y INTERMEDIATE:        PROD CASING:       

PERFORATIONS:        SQUEEZE PRESSURE:       

CASING INFORMATION:

SIZE: 8 5/8 GRADE: K-55 HOLE SIZE: 12 1/4 DEPTH: 275

SLURRY INFORMATION:

1. CLASS: G 150 SKS 2% CACL  
LEAD: 1/4 # FLO SEAL/SK TAIL:       

2. SLURRY WEIGHT:  
LEAD: 15.6 TAIL:       

3. WATER (GAL/SX)  
LEAD: 5.2 GAL/SX TAIL:       

4. COMPRESSIVE STRENGTH:  
PSI @ UNKNOWN HRS. UNKNOWN HRS

PIPE CENTRALIZED: Y CEMENTING STAGES: 1

LOST RETURNS: N REGAIN RETURNS:        BARRELS LOST:       

TOP OF CEMENT: SURFACE PERFORATED INTERVAL:       

PRIMARY CEMENT TO SURFACE: Y

1 INCH INFORMATION: WEIGHT:        CEMENT TO SURFACE:       

FEET:        SX:        CLASS:        %SALTS:        RETURNS:       

ADDITIONAL COMMENTS: RAN 6 JOINTS 8 5/8 K-55 ST&C R3 NEW CASING

267.08 FEET NET AND CIRCULATED CEMENT TO SURFACE

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

6. Lease Designation and Serial Number

FEE

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Powell #4-13A2

10. API Well Number

43-013-31319

11. Field and Pool, or Wildcat

Altamont/Bluebell

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well

- Oil Well     Gas Well     Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 734' FNL & 869' FEL

QQ. Sec. T., R., M. : NENE Section 13, T1S-R2W

County : Duchesne

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Report of spud
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Leon Ross Drilling. Spud surface hole on 8/13/91. Drilled 12-1/4" hole to 270'.

RECEIVED

AUG 30 1991

DIVISION OF  
OIL GAS & MINING

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

Name & Signature

*Robert Donzi*

Title Regulatory Analyst

Date 8/27/91

(State Use Only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
CEMENTING OPERATIONS

09-2190  
10/1/91

COMPANY NAME: ANR Production Co.

WELL NAME: Powell 4-13A2

QTR/QTR NE/NE SECTION 13 TOWNSHIP 15 RANGE 2W

CEMENTING COMPANY: Halliburton WELL SIGN yes

INSPECTOR: Jim Thompson DATE: 9-17-91

CEMENTING OPERATIONS:

PLUGBACK: \_\_\_\_\_ SQUEEZE: \_\_\_\_\_ CASING: \_\_\_\_\_ P-A ZONE: \_\_\_\_\_

SURFACE CASING: yes INTERMEDIATE \_\_\_\_\_ PROD CASING: \_\_\_\_\_

PERFORATIONS \_\_\_\_\_ SQUEEZE PRESSURE \_\_\_\_\_

CASING INFORMATION:

SIZE 9 5/8" GRADE: K-55-36" HOLE SIZE: 12 1/4" DEPTH: 3000'

SLURRY INFORMATION:

1. CLASS: G  
LEAD: 1160 13.4 PGY TAIL: 160 SAX 15.6 PGY

2. SLURRY WEIGHT:  
LEAD: 8.5 PER GAL TAIL: 5.2 PER GAL

3. WATER (GAL/SK)  
LEAD: \_\_\_\_\_ TAIL: \_\_\_\_\_

4. COMPRESSIVE STRENGTH  
PSI @ \_\_\_\_\_ HR \_\_\_\_\_

PIPE CENTRALIZED yes (6) CEMENTING STAGES \_\_\_\_\_

LOST RETURNS \_\_\_\_\_ REGAIN RETURNS \_\_\_\_\_ BARRELS LOST \_\_\_\_\_

TOP OF CEMENT \_\_\_\_\_ PERF INTERVAL \_\_\_\_\_

CEMENT TO SURFACE? yes

ADDITIONAL COMMENTS: Set pipe @ 2999' while cementing  
Casing raised up 3 ft. to 2996'. did not tie casing  
down before cementing.

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

6. Lease Designation and Serial Number

Fee

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Powell #4-13A2

10. API Well Number

43-013-31319

11. Field and Pool, or Wildcat

Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well

- Oil Well     Gas Well     Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 734' FNL & 869' FEL  
Q.Q. Sec. T., R., M. : NENE Section 13, T1S-R2W

County : Duchesne

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

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- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological history for the P&A procedure performed on the above-referenced location.

RECEIVED

SEP 19 1991

APPROVED BY THE STATE DIVISION OF  
OF UTAH DIVISION OF OIL GAS & MINING

DATE: 9/23/91  
BY: Matthew

I hereby certify that the foregoing is true and correct

Name & Signature

*Kileen Dawn Boy*

Title Regulatory Analyst Date 9/16/91

(State Use Only)

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

POWELL #4-13A2  
BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
COASTALDRIL #1  
WI: 35.618% COGC AFE: 13112  
ATD: 7200' (UGR) SD:  
CSG: 13-3/8" @ 166'  
DHC(M\$): 218.7

734' FNL & 869' FEL  
NE/NE SECTION 13, T1S, R2W

- 8/15/91 270' RU to run 8-5/8" csg. Spud w/Leon Ross Drilling on 8/13/91. Drilled 12-1/4" hole to 270'. CC: \$371.
- 8/16/91 270' Installing cellar ring. Ran 6 jts (267.08') 8-5/8" 24# K-55 ST&C csg, 3 centralizers, OA 268.08'. RU Howco. Cmt w/20 bbls gel; 150 sx Type V cmt, 2% CaCl<sub>2</sub>, 1/4#/sx Flocele, 15.6 PPG, 1.18 cu ft/sk. Displace w/15 bbls FW, 5 bbls good cmt to surface. Complete @ 11:00 a.m., 8/15/91. Witnessed by John Berrier, Utah State. CC: \$16,083.
- 9/9/91 164' GL WORT. Leon Ross Drilling drilled 17-1/2" hole to 164'. Spudded 9/6/91. Ran 4 jts (166.20') 13-3/8", 54#, J-55 ST&C, Howco guide shoe, 2 centralizers. RU Howco. Pump 2 bbls gel water, 10 bbls FW, 180 sx Prem AG cmt w/2% CaCl<sub>2</sub>, 15.6 ppg, 1.10 cu ft/sk. Drop plug. Displace w/22 bbls FR wtr. 8 bbls cmt to surf. CC: \$37,857.
- 9/10/91 Plug and abandon 8-5/8" csg. RU Howco, ran 210' of 1" pipe inside 8-5/8" csg to btm. Pump 85 sx "Prem" 15.6 ppg. 6 sx to surface. Pull 1" tbg & lay down. CC: \$40,157.
- 9/13/91 166' MIRT. Will spud Saturday, 9/14/91. CC: \$40,765.