

FILE NOTATIONSEntered in NID File

Entered On S.R. Sheet _____

Location Map Pinned _____

Card Indexed

IWR for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____

OW _____ WW _____ TA _____

GW _____ OS _____ PA _____

Location Inspected _____

Sand released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ S-I _____ GR _____ GR-N _____ Micro _____

Lat _____ M-I _____ Sonic _____ Others _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No. Fee
6. If Indian, Allottee or Tribe Name _____
7. Unit Agreement Name _____
8. Farm or Lease Name Grant C. Liston
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
11. Sec., T., R., M., or Blk. and Survey or Area NE/4 SE/4 Section 8 T36S R1E S1M
12. County or Parrish 13. State Garfield 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 Wildcat
Single Zone Multiple Zone

2. Name of Operator
AMOCO PRODUCTION COMPANY

3. Address of Operator
501 Airport Drive, Farmington, New Mexico 87401

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 1980' FSL and 660' FEL, Section 8, T36S, R1E, S1M
At proposed prod. zone Same

14. Distance in miles and direction from nearest town or post office*
15 miles Southwest of Escalante, Utah

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

16. No. of acres in lease 83.27

17. No. of acres assigned to this well Wildcat

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. None

19. Proposed depth 5000'

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7068' Ungraded Ground

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22. Approx. date work will start* As soon as permitted

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" (New)	32#	450'	450 sx
7-7/8"	4-1/2" (New)	23#	5000'	To be determined

Amoco Production Company proposes to drill the above wildcat well to a depth of 5000' to test the Tropic Shale formation. Completion will be based on open hole logs. Copies of all logs run will be furnished upon reaching total depth. Amoco's standard blowout prevention will be employed. See attachment for blowout prevention design.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 7-9-80
BY: M. J. Minder

RECEIVED
JUL 07 1980

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 R.A. Downey Title District Engineer Date July 3, 1980

(This space for Federal or State office use)
Permit No. 43-017-30094 Approval Date 7/9/80

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

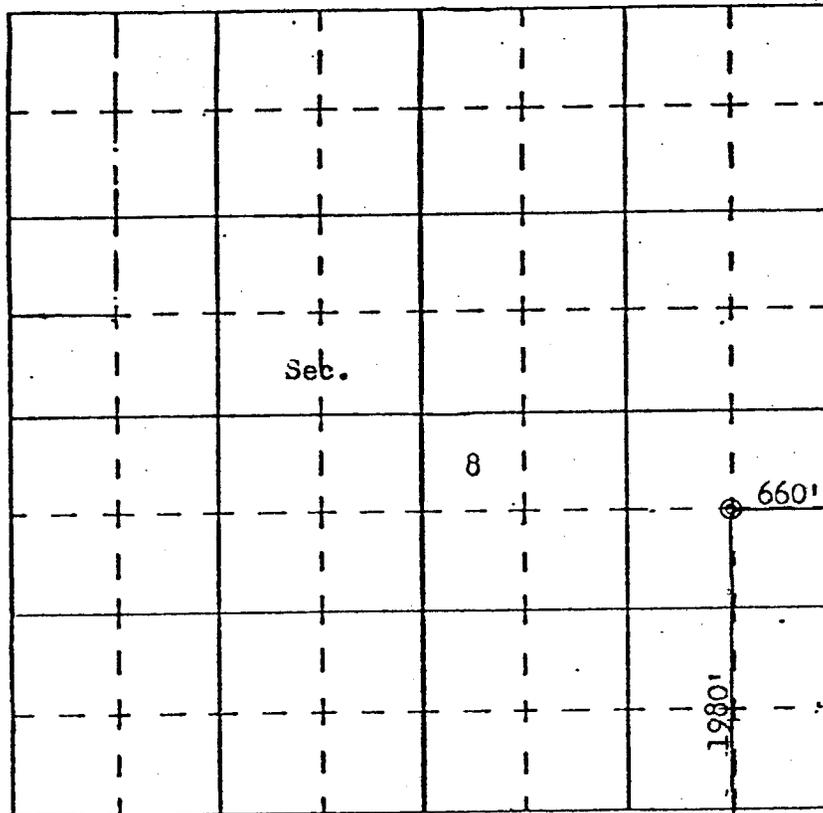
COMPANY AMOCO PRODUCTION COMPANY

LEASE GRANT C. LISTON WELL NO. 1

SEC. 8, T 36S, R 1E SLM
GARFIELD COUNTY, UTAH

LOCATION 1980'FSL 660'FEL

ELEVATION 7068 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

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

Fred B. Kerr Jr.
Fred B. Kerr Jr.

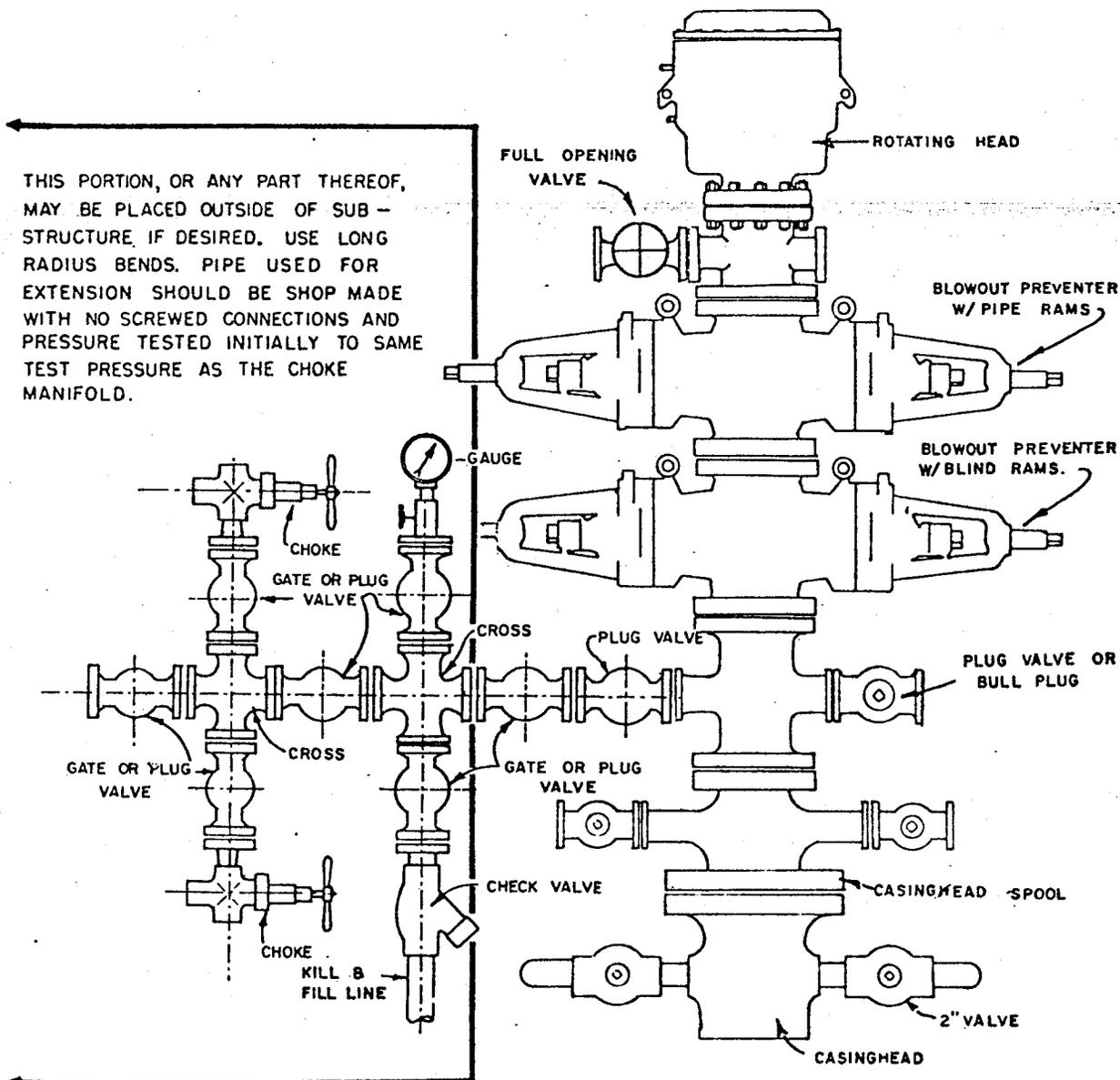
SEAL:

Registered Land Surveyor.

#3950

SURVEYED May 16, 1980

1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
4. All fittings to be flanged.
5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.

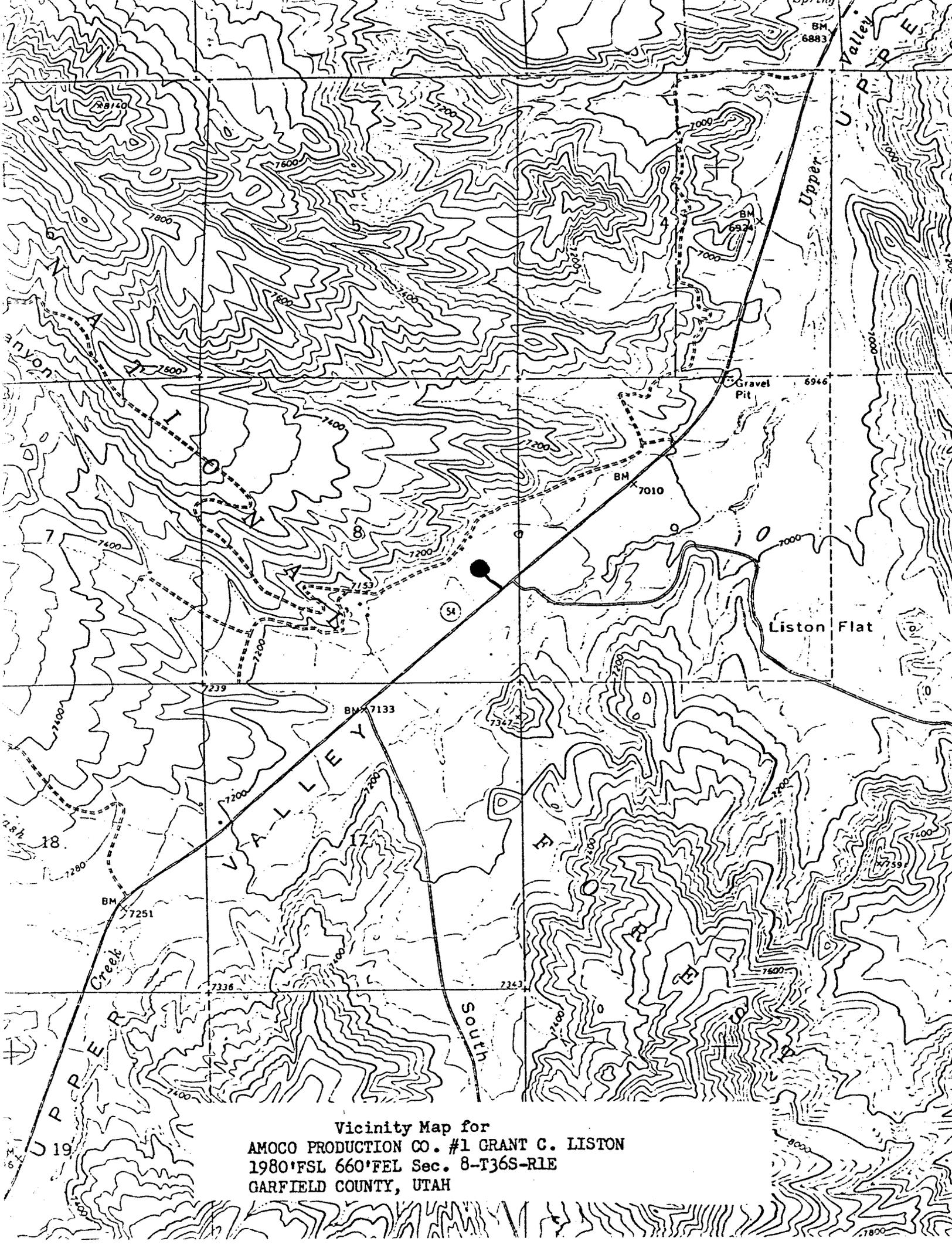


BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4
OCTOBER 16, 1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.



Vicinity Map for
AMOCO PRODUCTION CO. #1 GRANT C. LISTON
1980'FSL 660'FEL Sec. 8-T36S-R1E
GARFIELD COUNTY, UTAH

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** FILE NOTATIONS **

DATE: July 8, 1980
OPERATOR: Amoco Production Company
WELL NO: Grant C. Dixon #1
Location: Sec. 8 T. 36S R. 1E County: Garfield

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API Number 43-017-30094

CHECKED BY:

Petroleum Engineer: M. J. Minder 7-9-80
Oil & Gas Well per call 505-325-8841

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

#1

Lease Designation 3a Plotted on Map

Approval Letter Written wtm

Hot Line P.I.

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July 9, 1980

Amoco Production Company
501 Airport Drive
Farmington, New Mexico 87401

Re: Well No. Grant C. Liston #1
Sec. 8, T. 36S, R. 1E.,
Garfield County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-017-30094.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm

cc

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

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401		8. FARM OR LEASE NAME Grant C. Liston
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1980' FSL and 660' FEL, Section 8 T36S, R1E, SLM		9. WELL NO. 1
14. PERMIT NO. 43-017-30094		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7068 GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4, Se/4, Section 8 T36S, R1E, SLM
		12. COUNTY OR PARISH Garfield 18. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Spudded a 12 1/4" hole on 12-14-80 and drilled to 344 ft. Set 9 5/8" 32.3# surface casing at 344'. on 12-15-80 and cemented with 300 sx class H cement. Good cement was circulated to the surface. Drilled an 8 3/4" hole to a TD of 4449'. Open hole and mud logs indicated that there was not enough gas to commercially produce. Plugging operations commenced on 1-5-81 and was carried out as follows:

- (1) Plugged Tropic Shale formation 3669'-4875' with 640 sx Class "B" neat cement.
- (2) Plugged Straight Cliff formation 3270'-3370' with 55 sx of Class "B" neat cement.
- (3) Plugged Wahweap formation 2190'-2290' with 55 sx of Class "B" neat cement.
- (4) Plugged Cretaceous Kaiparowits formation 800'-1020' with 120 sx of Class "B" neat cement.
- (5) Plugged Casing Shoe 290'-390' with 60 sx of Class "B" neat cement.
- (6) Plugged surface with 30 sx of Class "B" neat cement.

9.0 PPG mud was spotted between the plugs with a viscosity between 40 and 50. The casing was cut off two feet below the surface, and a steel plate was welded on top. A plugging and abandonment notice was ingraved on the plate. The location was cleaned up, and the rig released on 1-5-81.

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

SIGNED Wayne Peterson TITLE District Engineer DATE 1-7-81

(This space for Federal or State office use)

APPROVED BY W. J. Mundy TITLE Petrol. Eng. DATE 1-18-81

CONDITIONS OF APPROVAL, IF ANY:

To: Utah Conservation _____ Mail Code or Rm. No. _____

To: Commission _____ Bldg. _____ Mail Code or Rm. No. _____

To: _____ Bldg. _____ Mail Code or Rm. No. _____

Location: Salt Lake _____

Route Ticket

Please Handle	<input type="checkbox"/>
Please Approve	<input type="checkbox"/>
Please Note and return	<input type="checkbox"/>
For Your Information	<input type="checkbox"/>
Please See Me	<input type="checkbox"/>
Please Advise	<input type="checkbox"/>
Your File	<input type="checkbox"/>

Remarks: _____

From: Farmington _____ Date 1-7-81 _____

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Grant C. Liston

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE/4, SE/4, Section 8
T36S, R1E, S1M

12. COUNTY OR PARISH
Garfield

13. 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 Wildcat

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1980' FSL and 660' FEL, Section 8
T36S, R1E, S1M

14. PERMIT NO.
43-017-30094

15. ELEVATIONS (Show whether DV, RT, OR, etc.)
7068 GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Amoco requests to plug and abandon the above well as follows:

- (1) Set 640 sx plug from 3669'-4875' (Tropic Shale)
- (2) Set 55 sx plug from 3270'-3370' (Straight Cliff)
- (3) Set 55 sx plug from 2190'-2290' (Wah Weap)
- (4) Set 120 sx plug from 800'-1020' (Cretaceous Kaiparowits)
- (5) Set 60 sx plug from 290'-390' (Casing Shoe)
- (6) Set 30 sx plug at surface

All cement used will be class "B" Neat. A 9.0 PPG Mud will be spotted between plugs. The casing will be cut off two feet below the surface. A steel plate will be welded on at the surface with a plugging and abandonment notice ingraved on the plate.

RECEIVED

CONFIDENTIAL

JAN 9 1981

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 1-18-81
BY: M. J. Mander

DIVISION OF OIL, GAS & MINING

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

SIGNED Wayne Peterson TITLE District Engineer DATE 1-7-81

(This space for Federal or State office use)

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

Mail Code or
Rm. No. _____

Mail Code or
Rm. No. _____

Mail Code or
Rm. No. _____

To: Utah Commission

To: Commission Bldg. _____

To: _____ Bldg. _____

Location: Salt Lake

Remarks: _____

From: Farrington Date 1-7-81

Route Ticket

Please Handle	
Please Approve	
Please Note and return	
For Your Information	
Please See Me	
Please Advise	
Your File	

OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

RECEIVED
MAR 20 1981
DIVISION OF OIL, GAS & MINING

PLUGGING METHODS AND PROCEDURE: - The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud-laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County Garfield
 Lease Name Grant C. Liston Well No. 1 Sec. 8 Twp. 36S R. 1E
 Date well was plugged: Jan 28 1981 5th, 19 81.

Was the well plugged according to regulation of the Commission: Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole, (giving size, top and bottom elevations of each section of abandoned casing).

Plugged: 3669-4875 with 640 sx cmt; 3270-3370 with 55 sx; 2190-2290 with 55 sx;
800-1020 with 120 sx; 290-390 with 60 sx; surface with 30 sx, 9.0 PPG,
40 to 50 viscosity mud was spotted between plugs.
9 5/8" 32.3# surface casing set at 344' and cemented with 300 sx cmt
was left in hole.

Operator Amoco Production Company
 Address 501 Airport Drive,
Farmington, NM 87401
J. M. Spalding

AFFIDAVIT

STATE OF UTAH
COUNTY OF Garfield

Before me, the undersigned authority on this day personally appeared J. M. Spalding, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 12th day of March, 19 81.

My Commission Expires:

December 28, 1982

Cleaver P. Brown
NOTARY PUBLIC

INSTRUCTIONS: Complete this form in duplicate.

To: Oil + Gas Comm

Bldg. _____ Mail Code or Rm. No. _____

To: State of Utah

Bldg. _____ Mail Code or Rm. No. _____

To: _____ Bldg. _____ Mail Code or Rm. No. _____

Location: _____

Route Ticket

Please Handle	
Please Approve	
Please Note and return	
For Your Information	
Please See Me	
Please Advise	
Your File	

Remarks: _____

CONF

From: _____ Date _____

April 28, 1981

Amoco Production Company
501 Airport Drive
Farmington New Mexico 87401

Re: Well No. Grant C. Liston #1
Sec. 8, T. 36S. R. 1E.
Garfield County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grant C. Liston

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NE/4 SE/4

Sec. 8, T36S, R1E SLM

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
501 Airport Dr., Farmington, NM 87401

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

At surface 1980' FSL x 660' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. 43-017-30094 DATE ISSUED 7-9-80

15. DATE SPUNDED 12-14-80 16. DATE T.D. REACHED 1-3-81 17. DATE COMPL. (Ready to prod.) P x A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7068' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5000' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY --> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P x A 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN BHC;GR;Dual induction; compensated density and neutron, SFL;Caliper 27. WAS WELL CORDED Yes

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

29. LINER RECORD 30. TUBING RECORD

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 9 5/8", 32.3, 344, 12 1/4", 300 sx, ---

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) Px A 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

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

Table with 8 columns: DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO. Row 2: FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL—BBL., GAS—MCF., WATER—BBL., OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE Dist. Admin. Supvr. DATE 5-8-81

INSTRUCTIONS

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

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

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

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wahweep	2240'		
Straight Cliff	3320'		
Tropic Shale	4840'		

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH

To: State of Utah Bldg. _____ Mail Code or Rm. No. _____

To: Div. of Oil + Gas Mining Bldg. _____ Mail Code or Rm. No. _____

To: 588 W. North Temple Bldg. _____ Mail Code or Rm. No. _____

Location: Salt Lake City, UT 84116

Route Ticket

Please Handle	<input type="checkbox"/>
Please Approve	<input type="checkbox"/>
Please Note and return	<input type="checkbox"/>
For Your Information	<input type="checkbox"/>
Please See Me	<input type="checkbox"/>
Please Advise	<input type="checkbox"/>
Your File	<input type="checkbox"/>

Remarks: _____

From: _____

Date: _____