

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS WATER SANDS LOCATION INSPECTED SUB REPORT abd

890607 Chg of opn name ft 10/89 ~~10/89~~ 80316 APN Re-entry

DATE FILED 3-25-82

* 1-8-98

LAND: FEE & PATENTED

STATE LEASE NO. ML-21843 X

PUBLIC LEASE NO. ML-45555

INDIAN

DRILLING APPROVED: ~~3-26-82~~ 4-5-82

* 2-26-98

SPUDED IN: 4-25-82

* 7-27-98

** 7-27-98

COMPLETED: 6-14-82 POW

PUT TO PRODUCING: 6-14-82

** 9-11-98

INITIAL PRODUCTION: 85 BOPD, 3 MCF, 24 BWPD

GRAVITY API

GOR:

PRODUCING ZONES: 4085' - 5210' Wasatch

** 4085-5210' O-RRV

TOTAL DEPTH: 6150'

WELL ELEVATION: 5050' ER

DATE ABANDONED: PA 5-18-90

FIELD: WILDCAT Eight Mile Flat North

UNIT:

COUNTY: UINTAH

WELL NO. ~~N.G.C. #33-2HSTATE~~ Castle Draw 10-3A-9-17 API NO. 43-047-31195

LOCATION 1786

FT. FROM ~~XX~~(S) LINE. 2231

FT. FROM (E) ~~XX~~ LINE. NW SE

1/4 - 1/4 SEC 2

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
9S	17E	2	PG-E Resources ENLAND PROD. CO. NATURAL GAS CORP.				

GEOLOGIC TOPS:

QUATERNARY		Star Point	Chinle	Molas
Alluvium		Wahweap	Shinarump	Manning Canyon
Lake beds		Masuk	Moenkopi	Mississippian
Pleistocene		Colorado	Sinbad	Humbug
Lake beds		Sego	PERMIAN	Brazer
TERTIARY		Buck Tongue	Kaibab	Pilot Shale
Pliocene		Castlegate	Coconino	Madison
Salt Lake		Mancos	Cutler	Leadville
Oligocene		Upper	Hoskinnini	Redwall
Norwood		Middle	DeChelly	DEVONIAN
Eocene		Lower	White Rim	Upper
Duchesne River		Emery	Organ Rock	Middle
Uinta		Blue Gate	Cedar Mesa	Lower
Bridger		Ferron	Halgate Tongue	Ouray
Green River	1480	Frontier	Phosphoria	Elbert
<i>Gil Shale Facies</i>	<i>2133</i>	Dakota	Park City	McCracken
<i>Delta Facies</i>	<i>3230</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>GR. Shale FAC.</i>	<i>4274</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>Bik. Shale Fac.</i>	<i>5320</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>GR. RIVER Lime</i>	<i>5869</i>	JURASSIC	CARBON I FEROUS	North Point
Wasatch	6040	Morrison	Pennsylvanian	SILURIAN
Stone Cabin		Salt Wash	Oquirrh	Laketown Dolomite
Colton		San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff		Summerville	Morgan	Eureka Quartzite
North Horn		Bluff Sandstone	Hermosa	Pogonip Limestone
Almy		Curtis		CAMBRIAN
Paleocene		Entrada	Pardox	Lynch
Current Creek		Moab Tongue	Ismay	Bowman
North Horn		Carmel	Desert Creek	Tapeats
CRETACEOUS		Glen Canyon Gr.	Akah	Ophir
Montana		Navajo	Barker Creek	Tintic
Mesaverde		Kayenta		PRE - CAMBRIAN
Price River		Wingate	Cane Creek	
Blackhawk		TRIASSIC		

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

March 25, 1982

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. E. W. Gynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Re: NGC #33-2H State
NW SE Section 2, T.9S., R.17E
Uintah County, Utah
Pleasant Valley area

Gentlemen:

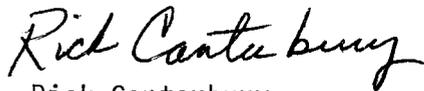
Natural Gas Corporation of California proposes to drill the captioned well in Uintah County, Utah.

Enclosed are the following documents:

- (1) Application for Permit to Drill
- (2) Surveyor's Plat
- (3) BOP and Pressure Containment Data

Should you require additional information, please contact this office.

Sincerely,



Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry

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

5. Lease Designation and Serial No.

ML-21843

6. If Indian, Allottee or Tribe Name

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

Natural Gas Corporation of California

3. Address of Operator

85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

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

2231' FEL and 1786' FSL (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Section 2, T.9S., R.17E.

At proposed prod. zone

7. Unit Agreement Name

8. Farm or Lease Name

State

9. Well No.

NGC 33-2H State

10. Field and Pool, or Wildcat

~~Pleasant Valley~~ Wildcat

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

Section 2, T.9S., R.17E.

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

Approximately 11 miles southeast of Myton, Utah

12. County or Parrish 13. State

Uintah

Utah

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

1786'

16. No. of acres in lease

640

17. No. of acres assigned to this well

40

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

19. Proposed depth

6150'

20. Rotary or cable tools

Rotary

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

5050' Un. Gr.

22. Approx. date work will start*

May 1, 1982

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"	36#, K-55	300'	To surface
7-7/8"	5-1/2"	17#, K-55	T.D.	As required to protect the oil shale

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

DATE: 3/24/82
BY: [Signature]

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 Rick Canterbury
Rick Canterbury

Title Associate Engineer

Date March 25, 1982

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

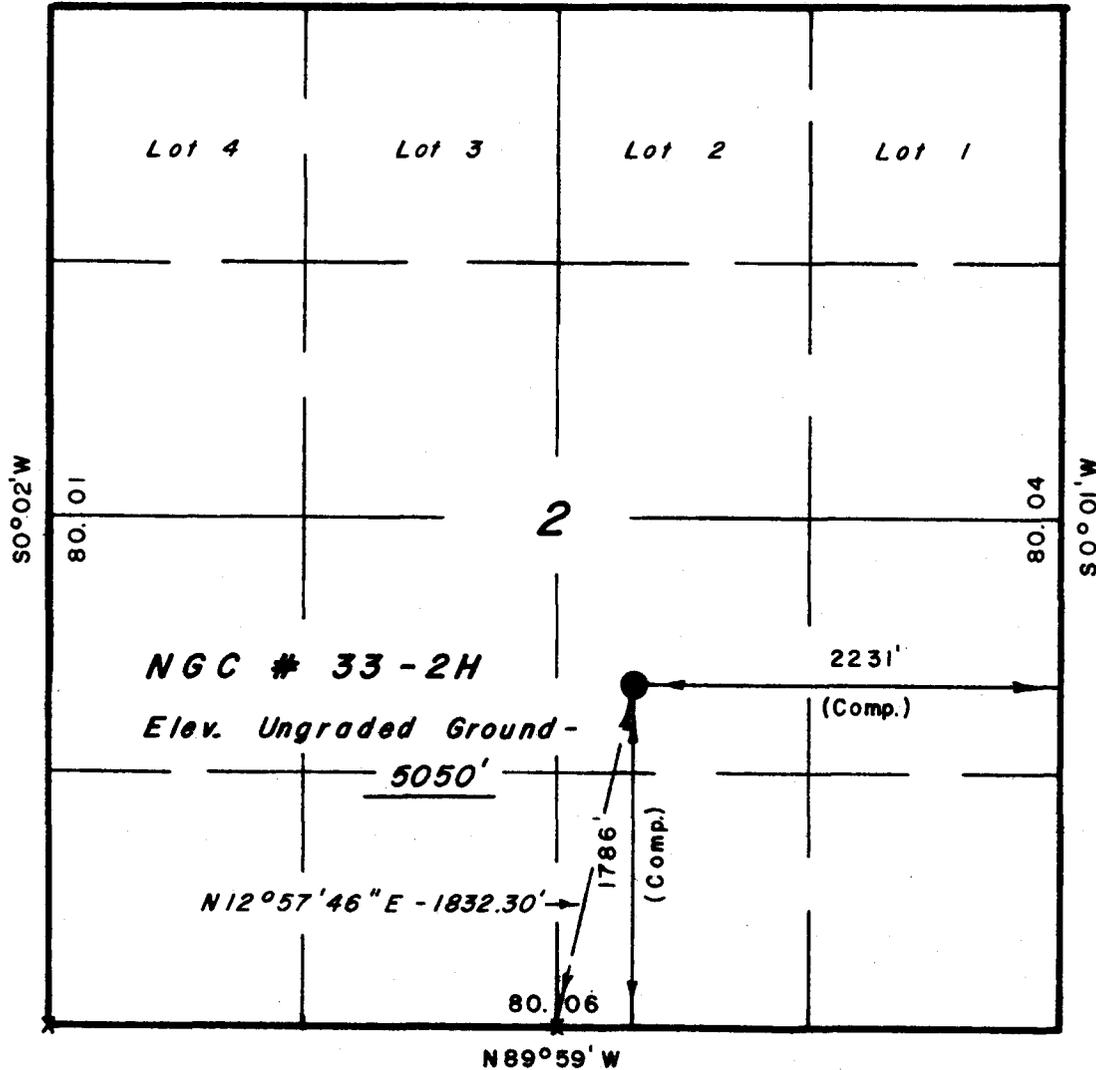
cc: Div. OG&M; Minerals Management Service; Operations; CTClark; ERHenry

T 9 S, R 17 E, S.L.B.&M.

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, *NGC # 33-2H*,
located as shown in the NW 1/4 SEV4
Section 2, T 9 S, R 17 E, S.L.B.&M. Uintah
County, Utah.



X = Section Corners Located



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.

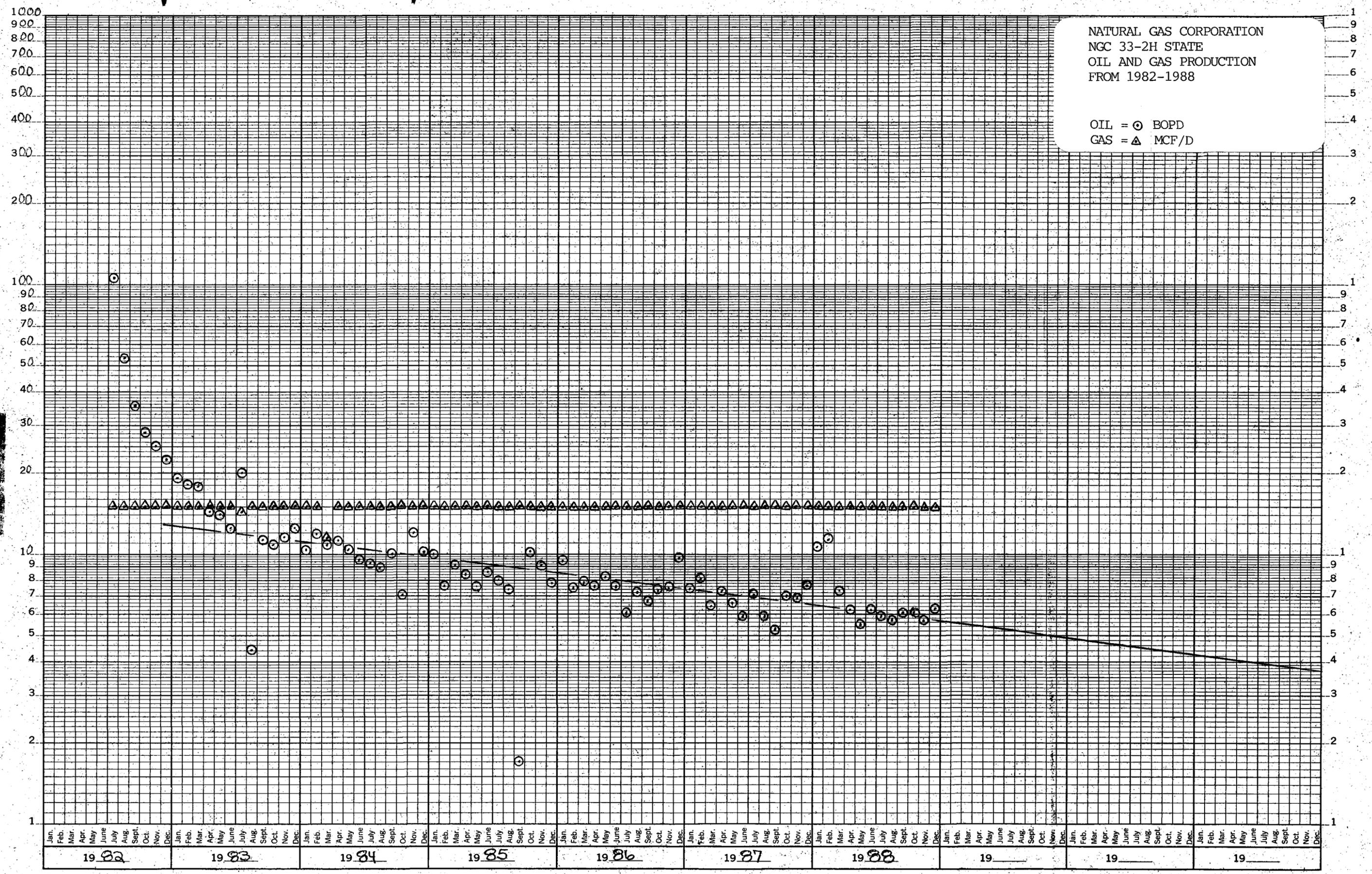
Lawrence A. Taylor
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 3/22/82
PARTY R.K. B.K. S.B.	REFERENCES GLO Plat
WEATHER Fair	FILE NATURAL GAS CORP.

47 6743

K&E 10 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

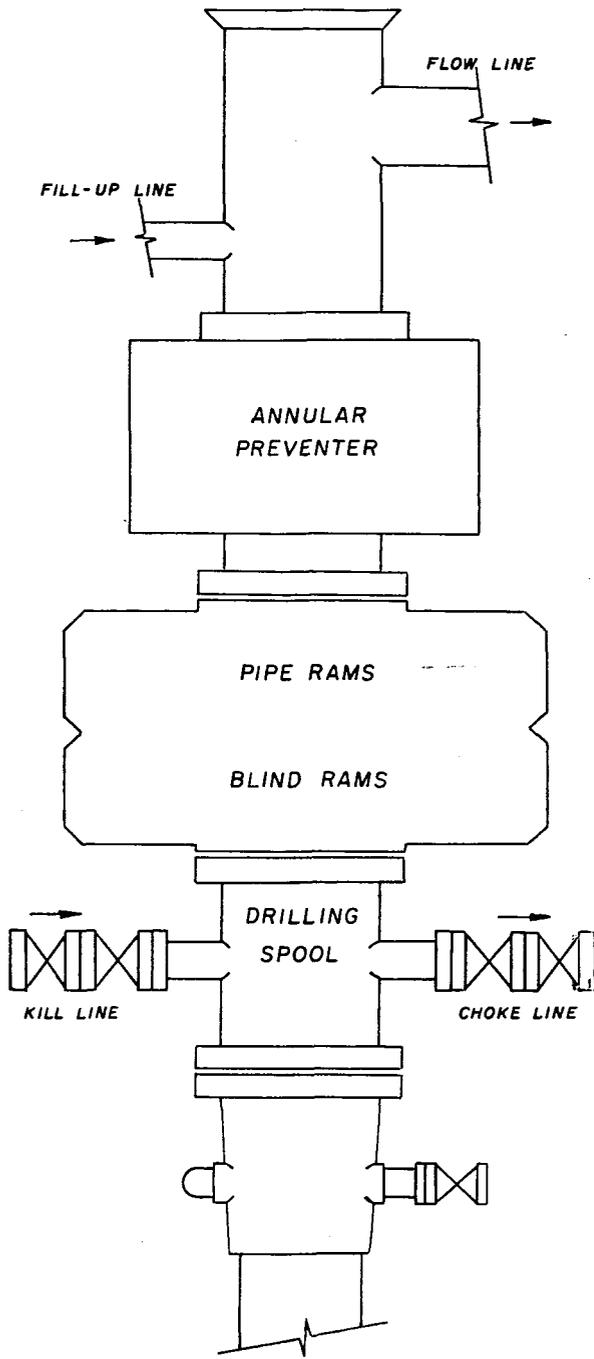


YEARS OF PRODUCTION

SBH, 4-18-89

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #33-2H State
Section 2, T.9S., R.17E., NW SE
Uintah County, Utah

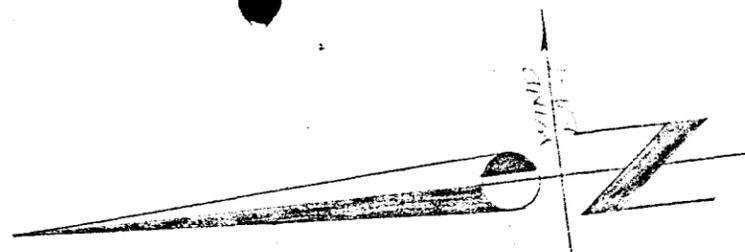


1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

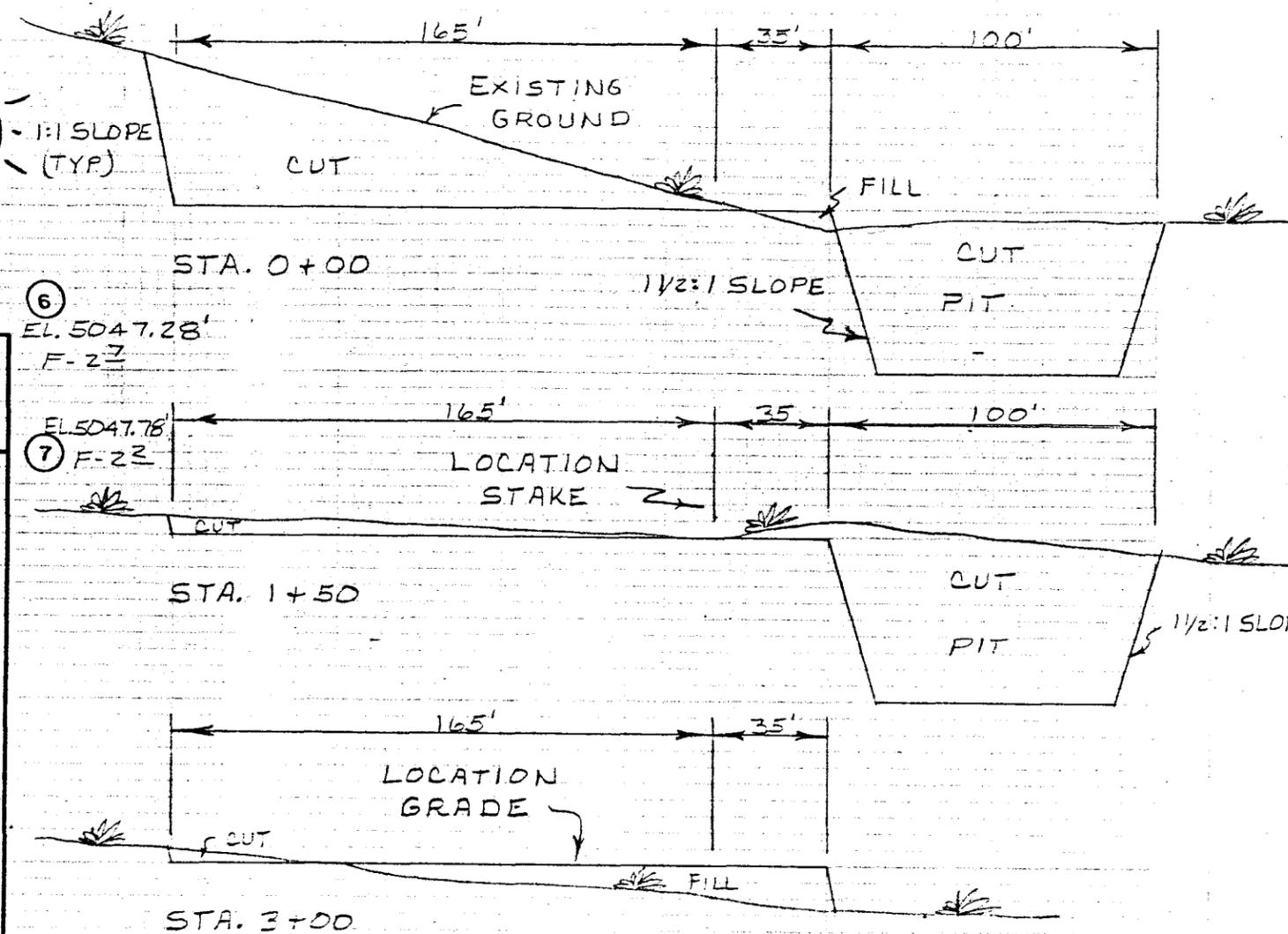
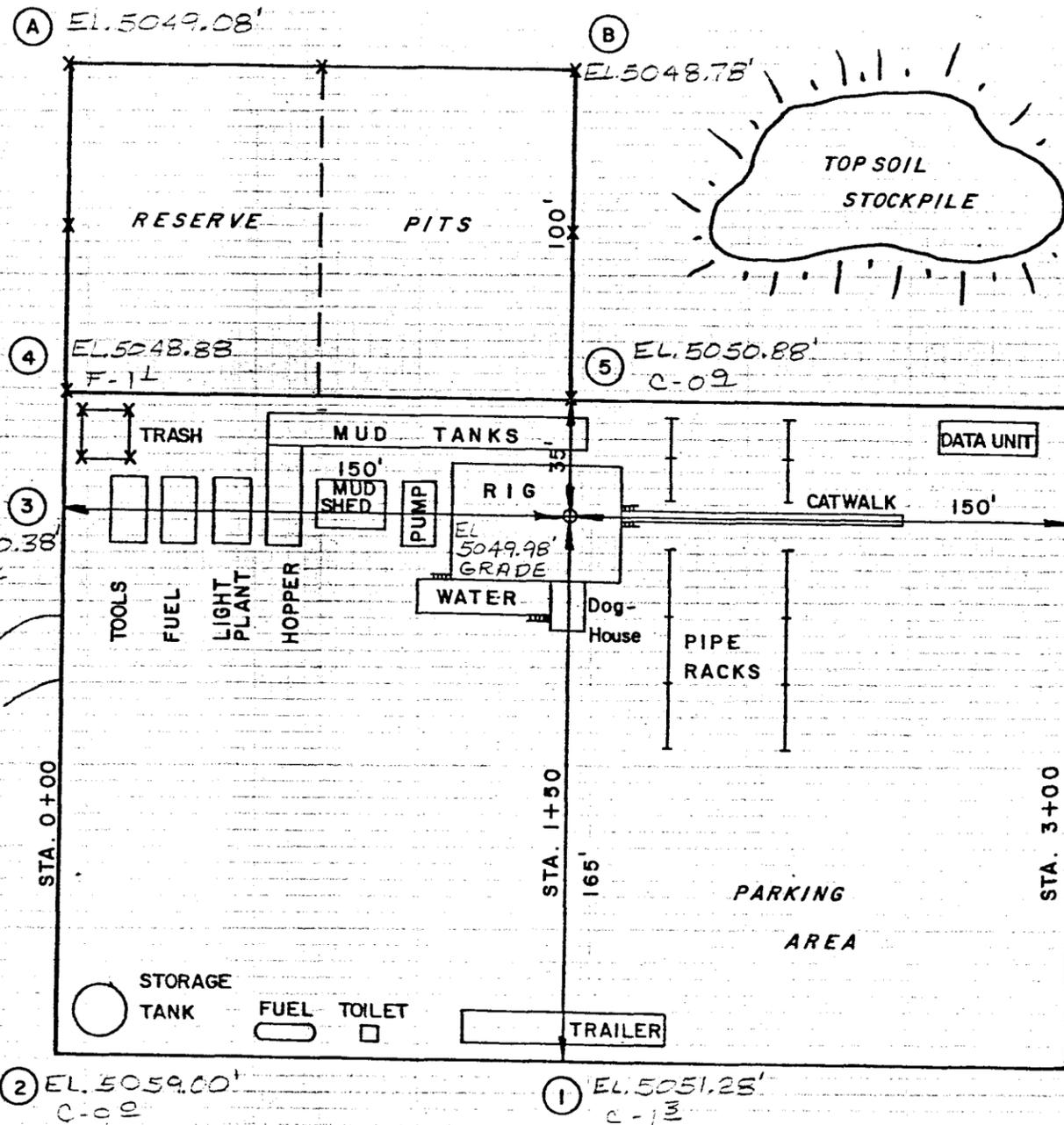
NATURAL GAS CORP. OF CALIF.

NGC # 33-2H

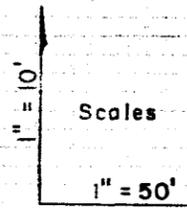
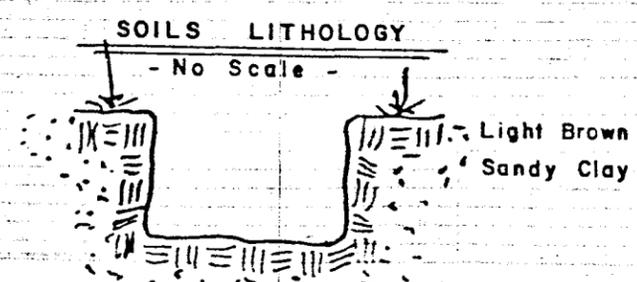
LOCATION LAYOUT & CUT SHEET



SCALE 1" = 50'



PROPOSED ACCESS ROAD



APPROX. YARDAGES

Cubic Yards Cut - 2054
Cubic Yards Fill - 647

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

March 25, 1982

RECEIVED
MAR 26 1982

Director
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

**DIVISION OF
OIL, GAS & MINING**

Attn: Debbie Beauregard

Re: Request for Spacing Exception
Pleasant Valley Well #33-2H
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, T.9S., R.17E.
M.L. 21843
Uintah County, Utah

Gentlemen:

Natural Gas Corporation of California, as operator of Utah State Lease M.L. 21843, plans on locating the subject well approximately 2231 feet from the east line and 1786' from the south line of Section 2. The well was moved southwest from the center of the quarter-quarter due to topography.

We would appreciate being notified if there is a problem with this change.

Sincerely,



Rick Canterbury
Associate Engineer

RC/kh

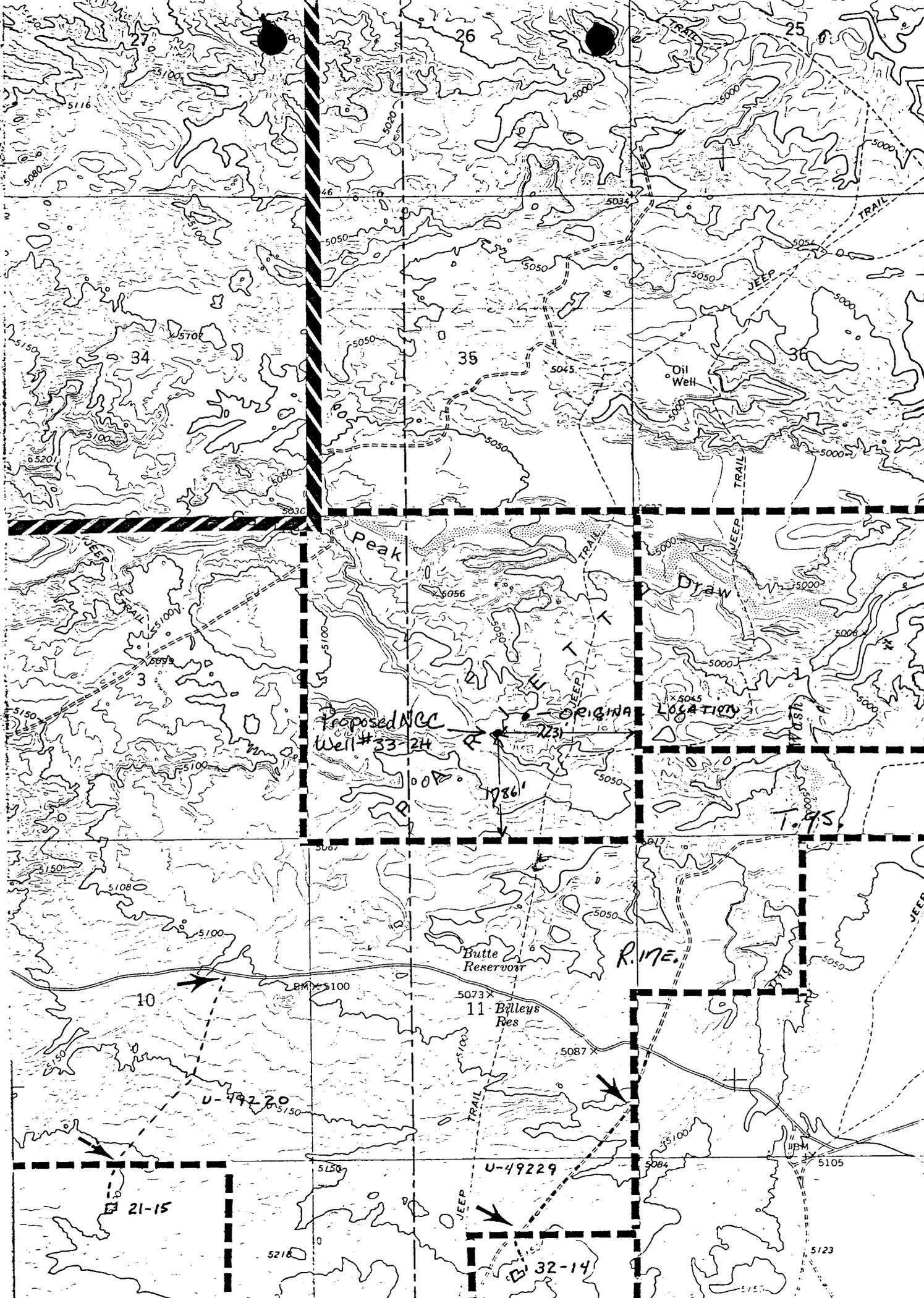
Encls.

cc: Operations
C. T. Clark
E. R. Henry

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

DATE: 3/24/82

BY: ER Henry



** FILE NOTATIONS **

DATE: 4-1-82

OPERATOR: Natural Gas Corp. of Calif.

WELL NO: Ngc St. #33-2H

Location: Sec. ~~2~~ 2 T. 9S R. 17E County: Utah

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-30195

CHECKED BY:

Petroleum Engineer: _____

Director: OK Rule C-3(c)

Administrative Aide: OK as per Rule C-3(c), Copy letter enclosed with application.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation St.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

April 5, 1982

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. NGC 33-2H State
Sec. 2, T. 9 S, R. 17 E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), 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:

CLEON B. FEIGHT - DIRECTOR
Office: 533-5771
Home: 466-4455

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 43-047-31195.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/as
Enclosure
cc: State Lands

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

April 5, 1982

Mr. Cleon B. Feight
Director, Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #33-2H State
NW SE Section 2, T.9S., R.17E.
M.L. 21843
Uintah County, Utah

Dear Mr. Feight:

Enclosed are three (3) copies of the Designation of Operator from
Chorney Oil Company for the subject well.

Sincerely,

Rick Canterbury
Rick Canterbury
Associate Engineer

RC/kh

Encls.

cc: Minerals Management Service
Salt Lake City, Utah

Operations
E. R. Henry
C. T. Clark

RECEIVED
APR 06 1982

**DIVISION OF
OIL, GAS & MINING**

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML 21843 :

and hereby designates

NAME: NATURAL GAS CORPORATION OF CALIFORNIA
ADDRESS: 7800 E. Union Ave.-Ste. 800
Denver, Co. 80237

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

Township 9 South, Range 17 East, SLM
Sec. 2: A11

containing 640 acres, m/l
Duchesne-Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

D. P. Gilgall

(Signature of Lessee)

VICE PRESIDENT

CHORNEY OIL COMPANY

401 LINCOLN TOWER BLDG.

1860 LINCOLN STREET

DENVER, COLORADO 80295

MAR 26 1982

(Date)

(Address)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Natural Gas Corporation of California

WELL NAME: 33-2H NGC State

SECTION NWSE 2 TOWNSHIP 9 S RANGE 17 E COUNTY Uintah

DRILLING CONTRACTOR Olsen

RIG # 5

SPUDDED: DATE 4-25-82

TIME 1:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Karla

TELEPHONE # 789-4573

DATE 4-26-82

SIGNED DB

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
April 27, 1982

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. E. W. Guynn
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #33-2H State
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, T.9S., R.17E.
Uintah County, Utah
Pleasant Valley area

Gentlemen:

Attached are copies of Form OGCC-1b, Sundry Notices and Reports on Wells,
Report of Spud Date, for the above captioned well.

Sincerely,



William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED

APR 30 1982

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-21843
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2231' FEL and 1786' FSL (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Section 2, T.9S., R.17E.		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-047-31195		9. WELL NO. NGC 33-2H State
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5050' Un. Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 2, T.9S., R.17E.
		12. COUNTY OR PARISH Uintah
		13. 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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Spud Date <input checked="" 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.)*

Operator reports that subject well was spudded 4/25/82 at 1 a.m. by Olsen Drilling, Rig #5.

Spud date was reported orally to Division of Oil, Gas & Mining, Salt Lake City, Utah, 4/26/82.

RECEIVED

APR 30 1982

DIVISION OF
OIL, GAS & MINING

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

SIGNED Wm Ryan TITLE Petroleum Engineer DATE April 27, 1982
William A. Ryan

(This space for Federal or State office use)

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

cc: Division of Oil, Gas & Mining; Minerals Management Service; DeGolyer; Chorney; Operations; CTCClark; ERHenry; S. Furtado
 *See Instructions on Reverse Side

SEC. 2 T. 95 R. 17E QTR/QTR _____ OIL _____ GAS _____ PRODUCTION FORMATION _____

PLACED ON PRODUCTION 6-14-82 COMPLETION DATE 6-14-82 P&A _____

DRILLING APP: 326-82 Spudded: 4-25-82

MONTH	OIL LOST	DAYS	OIL-BBLS.	GAS-MCF.	WATER-BBLS.	OIL DISPOSITION			GAS DISPOSITION			
						BEG.	END	SOLD	sold	use	flared	
JANUARY												
FEBRUARY												
MARCH												
APRIL												
MAY												
JUNE												
JULY		✓ 15	¹⁰⁰ 1625	0	615							
AUGUST		✓ 30	⁵³ 1599	15450	512							
SEPTEMBER		✓ 30	³⁵ 1053	15450	228							
OCTOBER		✓ 31	²⁰ 872	15465	212							
NOVEMBER		✓ 29	²⁵ 728	15435	132							
DECEMBER		✓ 30	²⁰ 676	15450	102							
TOTAL			6523	2250	1201							

PRODUCTION

WELL/LEASE (SL) N.G.C. #33-2HSTATE ML-21843 OPERATOR NATURAL GAS CORP. APL-43-047-31195 FIELD WIDCAT UIMAN COUNTY

SEC. 2 T. 9S R. 17E QTR/QTR Nw/SE OIL GAS PRODUCTION FORMATION

PLACED ON PRODUCTION 6-14-82 COMPLETION DATE 6-14-82 /Spudded 4-25-82 P&A

MONTH	OIL LOST	DAYS	OIL-BBLS.	GAS-MCF.	WATER-BBLS.	OIL DISPOSITION			GAS DISPOSITION		
						BEG.	END	SOLD	used	use	flared
JANUARY	Ø	31	19 589.19	15 465	76.60	372.20	405.90	555.49	Ø	465	Ø
FEBRUARY	Ø	26	10.3 514.94	15 420	9.6	405.90	348.50	572.34	Ø	420	Ø
MARCH	Ø	31	10.1 562.54	15 465	103.34	348.50	370.90	540.14	Ø	465	Ø
APRIL	Ø	30	14.7 442.45	15 450	54	370.90	440.80	373.75	Ø	450	Ø
MAY	Ø	31	14.2 442.87	15 465	19.2	440.80	238.40	645.37	Ø	465	Ø
JUNE	Ø	30	12.9 387.52	15 450	55	238.40	101.60	224.32	Ø	450	Ø
JULY	Ø	31	20.9 650.79	14.5 450	63.6	101.60	172.40	659.99	Ø	450	Ø
AUGUST	Ø	31	4.4 137.1	15 465	35.9	383.4	242.8	277.7	Ø	465	Ø
SEPTEMBER	Ø	30	11.7 353.34	15 450	47.10	242.8	352.2	243.94	Ø	450	Ø
OCTOBER	Ø	31	11.3 352.32	15 465	35.60	352.20	287.40	417.12	Ø	465	Ø
NOVEMBER	Ø	30	11.9 358.41	15 450	38.20	287.40	399.60	246.21	Ø	450	Ø
DECEMBER	Ø	31	12.5 389.85	15 465	23.2	399.6	377.6	411.85	Ø	465	Ø
TOTAL			5182.57	5460	639.14						

PRODUCTION 1983

WELL/LEASE Pleasant Valley 33-2H

OPERATOR

API#43#047&31195/NATURAL GAS CORP. OF CA

Wildcat/Uintah County

FIELD





A GEOSCIENCE EXTENSION OF XCO

910 Sixteenth Street, #522, Denver, Colorado 80202 (303) 893-8138

NATURAL GAS CORPORATION OF
CALIFORNIA
NGC #33-2H
SECTION 2 - T9S - R17E
DUCHESNE COUNTY, UTAH

RECEIVED
MAY 17 1982

DIVISION OF
OIL, GAS & MINING

GEOLOGIST: Jon Mayo
GX Consultants

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RESUME

OPERATOR: Natural Gas Corporation of California
WELL NAME & NUMBER: NGC #33-2H
LOCATION: NW SE Section 2 - T9S - R17E
COUNTY & STATE: Duchesne Co., Utah
SPUD DATE: April 25, 1982
COMPLETION DATE (TD): May 4, 1982
ELEVATIONS: 5,050' GL 5,064' KB
TOTAL DEPTH: 6,140' LOGS 6,151' DRLR
CONTRACTOR: Olsen
RIG: #5
TYPE RIG: Cardwell L-350
PUMPS: #1: Emsco D-500
#2: Emsco D-175
GEOLOGIST: Jon Mayo, GX Consultants
ENGINEER: Milo Wiseman
TOOL PUSHER: Bill Johnson
TYPE DRILLING MUD: Chemical-Gel
MUD COMPANY: Crown Mud and Chemical, Inc.
MUD ENGINEER: R. Love
HOLE SIZES: 12-1/4" surface to 300'
7-7/8" from bottom casing to 6,151'
CASING: 9-5/8" from surface to 300'
MUD LOGGING BY: Analex; Anne Hartwell, Tom Kabis
CORE INTERVALS: None
DST DEPTHS: None
DST COMPANY: None
ELECTRIC LOGS: Schlumberger
TYPE LOGS RUN: DIL-GR-SP (300' to 6,140')
FDC-CNL w/GR & CAL (300' to 6,140')
BHC Sonic w/GR & CAL & "F" log overlay
LOGGING ENGINEER: J. Keane
BOTTOM FORMATION: Wasatch
WELL STATUS: To be completed

SUMMARY AND CONCLUSIONS

The NGC #33-2H well was drilled to a total depth of 6,151', 111 feet into the Wasatch Formation. No drill stem tests or cores were run, though numerous oil and gas shows were logged. Sample shows with a steady rate of background gas were observed through karogen-rich oil shale sections. Unlike some wells in the nearby area that had increases in the background gas, the 33-2H well had steady and less background gas through the shale sections. All thin sands above the Delta Facies, 3,230' (-1,834'), were too tight and had very low R_w values to indicate favorable water saturations.

The best sand intervals occurred in the Delta (4,160'-4,174') and Green Shale Facies (5,177'-5,230'). Exhibited were good log response and calculations. In general, the sands were white, light gray, gray-brown, fine to medium grained, indurated to friable, subrounded, moderately well sorted, calcic cemented, poor to fair intergranular porosities, live brown oil stains to flowing live oil, and good streaming milky white fluorescent cuts. Both intervals had fair drilling breaks with good gas increases in background gas where C_1 through nC_4 was picked up; the only two times on the well where this occurred. It should be noted that much live oil was seen in the samples in the Green Shale interval.

Other smaller and less significant sample and gas shows occurred in sands in the Green Shale and Black Shale Facies. (See Show Report and Log Analysis).

Based on the strength of the two best intervals and numerous other less significant shows as described above, pipe will be run into the Wasatch Formation.

FORMATION TOPS AND CORRELATION

<u>FORMATION</u>	<u>NGC NGC #33-2H DUCHESNE CO., UT</u>		<u>COTTOM PETROLEUM CORP. DUNCAN FEDERAL 1-10 UINTAH CO., UT</u>	
Green River	1,422	(+3,631)	1,345	(+3,761)
Oil Shale Facies	2,242	(+2,822)	2,080	(+3,026)
Delta Facies	3,230	(+1,834)	3,092	(+2,014)
Green Shale Facies	4,273	(+ 791)	4,075	(+1,031)
Black Shale Facies	5,415	(- 351)	4,978	(+ 128)
Green River Lime	5,868	(- 804)	5,733	(- 627)
Wasatch	6,040	(- 975)	5,910	(- 804)
TOTAL DEPTH	6,151	(-1,087)	6,050	(- 944)

DAILY CHRONOLOGY

1982 DATE	8:00AM DEPTH	24 HOUR FOOTAGE	DAILY RECORD
4/26	1,320	--	Drilling.
4/27	2,385	1,065	Drilling.
4/28	3,210	825	Drilling.
4/29	3,960	750	Drilling, trip for NB #2, drilling.
4/30	4,465	505	Drilling.
5/1	5,010	545	Drilling.
5/2	5,510	500	Drilling, fix pump #2, drilling.
5/3	5,925	415	Drilling, trip to cln Bit #2.
5/4	6,080	155	Drilling, TD.
5/5	6,150	70	Logging.

DATE 04/18/89

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
9.0 S 17.0 E 2 NWSE S 43-047-31195 GRRV POW

OPERATOR: N0700 : NATURAL GAS CORP OF CA

WELL NAME: NGC 33-2H STATE

ENTITY: 6125 : NGC 33-2H STATE

ACCT	ENTY	DAYS		OIL PROD		GAS PROD		WATER PROD	PERIOD
CUM THRU 12/31/87				23494.59		28845.00		4101.64	
N0700	6125	31	9.4	294.00	15	465.00		59.00	86-01
N0700	6125	28	7.5	211.00	15	420.00		58.00	86-02
N0700	6125	31	7.8	244.00	15	465.00		48.00	86-03
N0700	6125	30	7.6	230.00	15	450.00		50.00	86-04
N0700	6125	30	8.2	247.00	15	450.00		49.00	86-05
N0700	6125	30	7.6	228.00	15	450.00		19.00	86-06
N0700	6125	31	6	188.00	15	465.00		51.00	86-07
N0700	6125	31	7.2	225.00	15	465.00		21.00	86-08
N0700	6125	30	6.7	203.00	15	450.00		25.00	86-09
N0700	6125	28	7.3	206.00	15	420.00		22.00	86-10
N0700	6125	28	7.4	209.00	15	420.00		40.00	86-11
N0700	6125	30	9.7	291.00	15	450.00		6.00	86-12
YTD				2,776		5,370		448	

OPTION: 13 PERIOD(YMM): 8600 API: 4304731195 ZONE: GRRV ENTITY: 0

DATE 03/13/89

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
9.0 S 17.0 E 2 NWSE S 43-047-31195 GRRV POW

OPERATOR: N0700 : NATURAL GAS CORP OF CA

WELL NAME: NGC 33-2H STATE

ENTITY: 6125 : NGC 33-2H STATE

ACCT	ENTY	DAYS		OIL PROD		GAS PROD		WATER PROD	PERIOD
CUM THRU 12/31/87				23494.59		28845.00		4101.64	
N0700	6125	31	10	310.00	15	465.00		49.00	85-01
N0700	6125	26	7.6	199.00	15	390.00		23.00	85-02
N0700	6125	31	9.1	284.56	15	465.00		19.90	85-03
N0700	6125	30	8.5	255.00	15	450.00		20.00	85-04
N0700	6125	31	8.5	238.00	15	465.00		33.00	85-05
N0700	6125	29	7.6	250.00	15	435.00		15.00	85-06
N0700	6125	31	8.6	254.00	15	465.00		11.00	85-07
N0700	6125	31	8.4	230.00	15	465.00		25.00	85-08
N0700	6125	18	7.4	31.00	15	270.00		21.00	85-09
N0700	6125	31	10.7	324.00	15	465.00		160.00	85-10
N0700	6125	28	9.4	255.00	15	420.00		95.00	85-11
N0700	6125	31	11.1	244.00	15	465.00		81.00	85-12
YTD			7.8	2,874		5,220		552	

OPTION: 13 PERIOD(Yymm): 8500 API: 4304731195 ZONE: GRRV ENTITY: 0

DATE 03/13/89

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
9.0 S 17.0 E 2 NWSE S 43-047-31195 GRRV POW

OPERATOR: N0700 : NATURAL GAS CORP OF CA

WELL NAME: NGC 33-2H STATE

ENTITY: 6125 : NGC 33-2H STATE

ACCT	ENTY	DAYS		OIL PROD		GAS PROD		WATER PROD	PERIOD
CUM THRU 12/31/87				23494.59		28845.00		4101.64	
N0700	6125	30	10.4	314.00		450.00		46.00	84-01
N0700	6125	29	12.1	352.00		435.00		34.00	84-02
N0700	6125	31	11.1	352.00		360.00		27.00	84-03
N0700	6125	30	11.3	349.80		450.00		18.60	84-04
N0700	6125	31	10.9	325.15		465.00		27.70	84-05
N0700	6125	30	9.0	294.50		450.00		18.24	84-06
N0700	6125	31	9.9	298.42		465.00		26.00	84-07
N0700	6125	31	9.9	289.02		465.00		14.00	84-08
N0700	6125	30	10.1	301.16		450.00		29.90	84-09
N0700	6125	31	10.7	219.46		465.00		45.50	84-10
N0700	6125	28	12.2	343.77		420.00		16.80	84-11
N0700	6125	26	10.5	273.75		390.00		48.00	84-12
YTD				3,709		5,265		348	

OPTION: 13 PERIOD(Yymm): 8400 API: 4304731195 ZONE: GRRV ENTITY: 0

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
August 18, 1982

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84104

Mr. E. W. Guynn
Minerals Management Service
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75102

Re: NGC #33-2-H State
NW SE Section 2, T.9S., R.17E.
Uintah County, Utah

Gentlemen:

Attached are copies of Form OGC-3, Well Completion or Recompletion Report and Log, for the subject well.

Yours truly,

William A. Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
R. Boschee
D. McGinley
J. M. Kunz
M. L. Clarke
I. Chai
S. Furtado

RECEIVED
AUG 20 1982

DIVISION OF
OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
NGC #33-2-H State

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 2, T.9S., R.17E.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2231' FEL, 1786' FSL, (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 2, T.9S., R.17E.
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-31195 DATE ISSUED 4/5/82

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUDDED 4/25/82 16. DATE T.D. REACHED 5/5/82 17. DATE COMPL. (Ready to prod.) 6-14-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5050' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6150' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5210 - 4085 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL w/GR and SP, FDC-CNL w/GR and Cal, BHC Sonic & "F" log overlay 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5-1/2	17# N-80	6149	7-7/8	620 sx	
9-5/8	36# K-55	290	12-1/4	To surface	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	5270	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SHOTS	ANGLE
5178-5210	138"	65	90°
4790-97	"	22	"
4161-71	"	7	"
4085-93	"	7	"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5178-5210	41,100 gal Versagel, 94,000# sand
4790-97	24,660 gal Versagel, 56,000# sand
4085-4171	28,630 gal Versagel, 88,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION 6/14/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, American 228 WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/22/82	24		→	85	3	24	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	25	→	85	3	24	

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

35. LIST OF ATTACHMENTS
Geological report to follow.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 8/18/82

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

INSTRUCTIONS

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

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

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

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

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

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

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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1480	
Oil Shale Facies	2133	
Delta Facies	3230	
Green Shale Fac.	4274	
Black Shale Fac.	5320	
Green River Lime	5869	
Wasatch	6040	



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 7, 1983

Natural Gas Corporation of California
85 South 200 East,
Vernal, Utah 84078

RE: See Attached Sheet

Gentlemen:

According to our records, "Well Completion Reports" filed with this office February 23, 1983, February 28, 1983 and August 18, 1983 from the above referred to wells, indicate the following electric logs were run: NGC #13-35-D DIL-GR-SP, LDT-CNL, GR-CAL, BHC Sonic-CAL-GR, Prox-Micro Log and Cement Bond Log; NGC #33-18-J DIL-GR-SP, FDC/CNL, GR, CAL, Prox-Micro Log, BHC Sonic, Cyberlook, CBL; NGC #44-19 Dual Ind.-Laterolog, Density-Neutron, Cement Bond Log; and NGC #33-2-H State DIL w/GR and SP, FDC-CNL w/GR and Cal, GHC Sonic & "F" log overlay, Casing, Cement Bond. As of todays date, this office has not received these logs: NGC #13-35-D all; NGC-#33-18-J DIL-GR-SP, FDC/CNL, GR, CAL, Prox-micro Log, GHC Sonic, Cyberlook; NGC #44-19 Cement Bond Log; and NGC #33-2-H State DIL w/GR and SP, FDC-CNL w/GR and cal, BHC Sonic & "F" log overlay.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Claudia Jones
Well Records Specialist

CJ/cj

Attachment

Well No. NGC #13-35-D
API # 43-047-31208
Sec. 35, T. 8S, R. 18E.
Uintah County, Utah

Well No. NGC #33-18-J
API # 43-047-31200
Sec. 18, T. 9S, R. 19E.
Uintah County, Utah

Well No. NGC #44-19
API # 43-047-31257
Sec. 19, T. 8S, R. 22E.
Uintah County, Utah

Well No. NGC #33-2-H State
API # 43-047-31195
Sec. 2, T. 9S, R. 17E.
Uintah County, Utah

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

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

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
2231' FEL 1786' FSL NW $\frac{1}{4}$ SE $\frac{1}{4}$

14. PERMIT NO.
43-047-31195

15. ELEVATIONS (Show whether OP, RT, OR, etc.)
5050' Gr.

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
NGC #33-2-H State

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA
Sec. 2, T.9S., R.17E.

12. COUNTY OR PARISH
Uintah

13. 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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Request Temporary Surface Pit <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/20/84
BY: John R. Ryan

DIVISION OF
OIL, GAS & MINING

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

SIGNED William M. Ryan TITLE Petroleum Engineer DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 2, 1985

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

RE: Review of Submitted Production and Disposition Information.

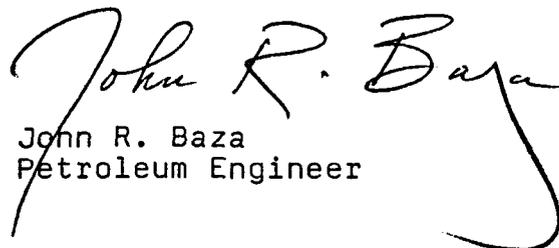
The Division staff has recently reviewed production and disposition reports submitted on several wells within Uintah County under your operatorship. The subject wells are listed on the enclosed tables, a comparison of submitted production and disposition reports on the subject wells indicate that the wells produced exactly the amount of gas used on lease each month through the year 1984. The Division staff has reasonable concern that the submitted production information is inaccurate and that proper measurements of gas production are not currently being performed.

It is requested that Natural Gas Corporation perform production tests of all the wells listed on the attached reports and that information be supplied which validates the production reported for the year 1984. The General Rules and Regulations of the Board of Oil, Gas and Mining require that measurement of all oil and gas produced from a well be performed and that such measurements be submitted in writing to the Division. Any additional information you could provide which would confirm your compliance with these Rules and Regulations would be greatly appreciated.

Your prompt consideration of this matter is appreciated. Please contact this office if you have additional questions.

Well No. N.G.C. 33-2-H-State
Sec. 2, T. 9S R. 17E
Uintah County, Utah

Sincerely,

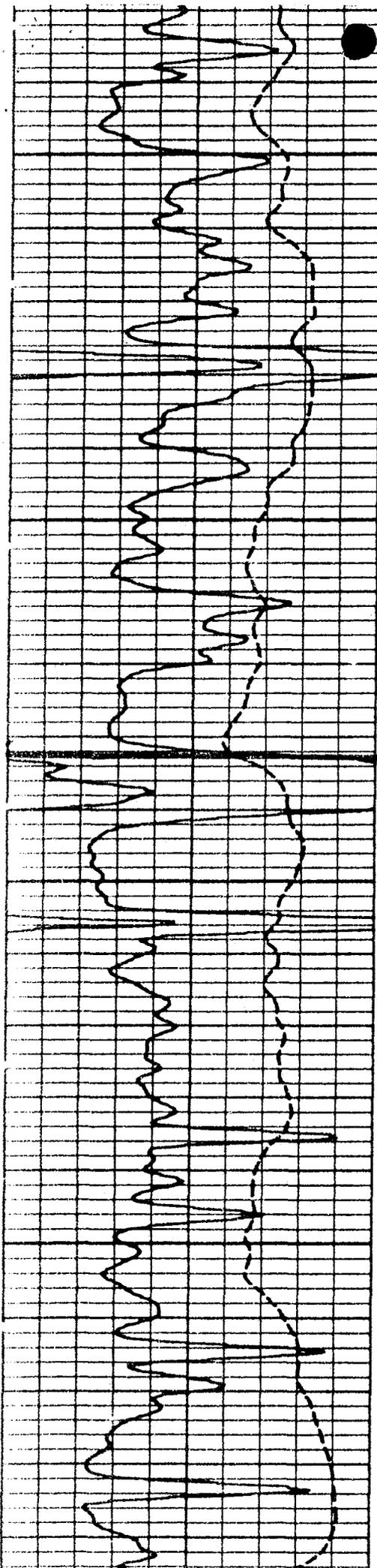

John R. Baza
Petroleum Engineer

Enclosures
cc: R.J. Firth
Well File
0090T-65

SHOW REPORT & LOG ANALYSIS

INTERVAL	FORMATION	Rw	Rt	ØN	ØD	ØAVG	Sw%	TG	C1	C2	C3	iC4	nC4
4,718-4,724	Green SH Facies	.25	20	19	15	17	25	92	.9%	--	--	--	--
4,792-4,798	Green SH Facies	.25	80	17	14	15.5	30	86	.8%	--	--	--	--
5,036-5,038	Green SH Facies	.25	50	14	12.5	13.25	40	100	1%	--	--	--	--
5,108-5,110	Green SH Facies	.25	70	18	12.5	15.25	30	85	.85%	--	--	--	--
5,177-5,204	Green SH Facies	.25	70	21	15	18	32	220	1.5%	.3%	.15%	.06%	.09%
5,204-5,210	Green SH Facies	.25	40	19	14	16.5	25	220	1.5%	.3%	.15%	.06%	.09%
5,210-5,220	Green SH Facies	.25	28	20	12	16	27	165	1.7%	.2%	.1%	.03%	.06%
5,226-5,230	Green SH Facies	.25	60	15	13	14	37	165	1.7%	.2%	.1%	.03%	.06%
5,515-5,518	Black SH Facies	.25	55	17	12	14.5	33	70	.7%	--	--	--	--
5,558-5,560	Black SH Facies	.25	70	14.5	11	12.75	38	80	.8%	--	--	--	--
5,688-5,692	Black SH Facies	.25	40	13	10	11.5	42	58	.5%	--	--	--	--
5,814-5,816	Black SH Facies	.25	60	14	10.5	12.25	41	85	.85%	--	--	--	--
4,160-4,174	Delta Facies	.25	105	22	17	19.5	32	200	1.5%	.2%	.15%	.05%	.1%

-6-



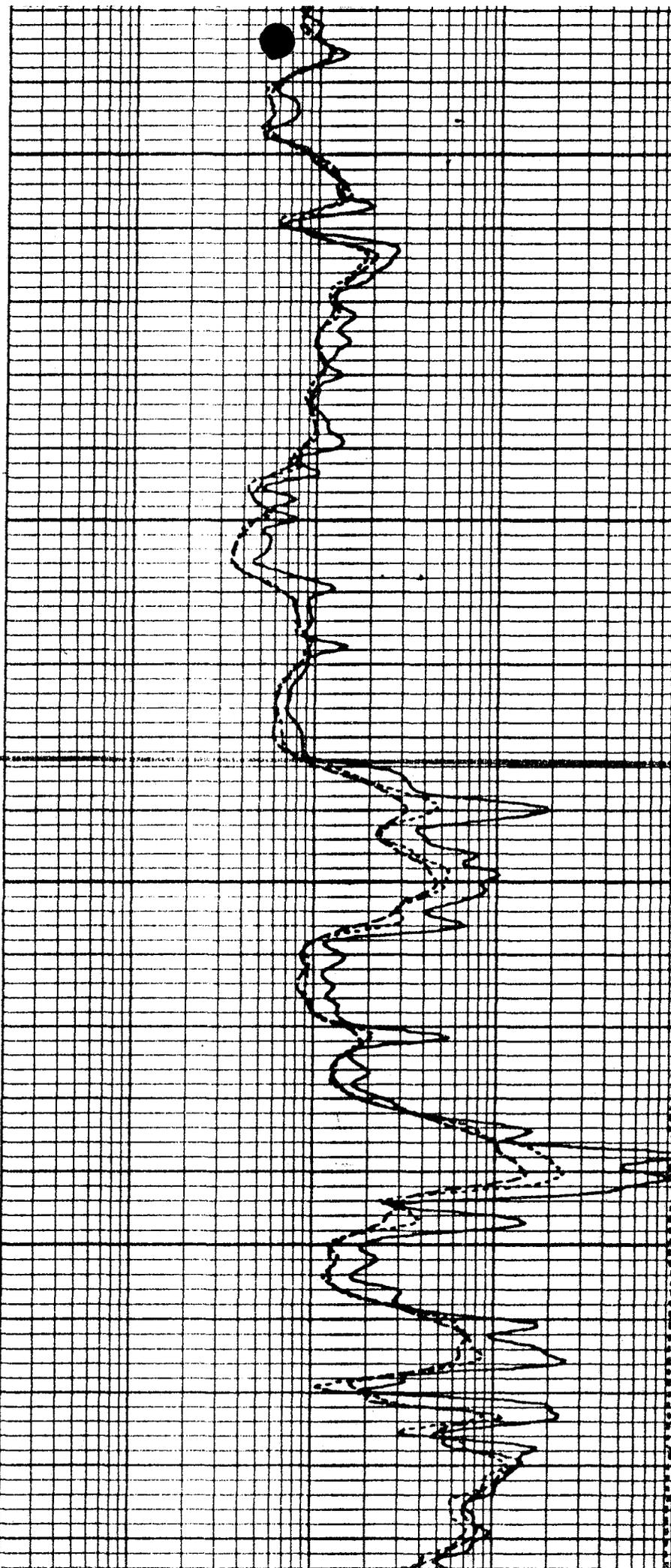
1400

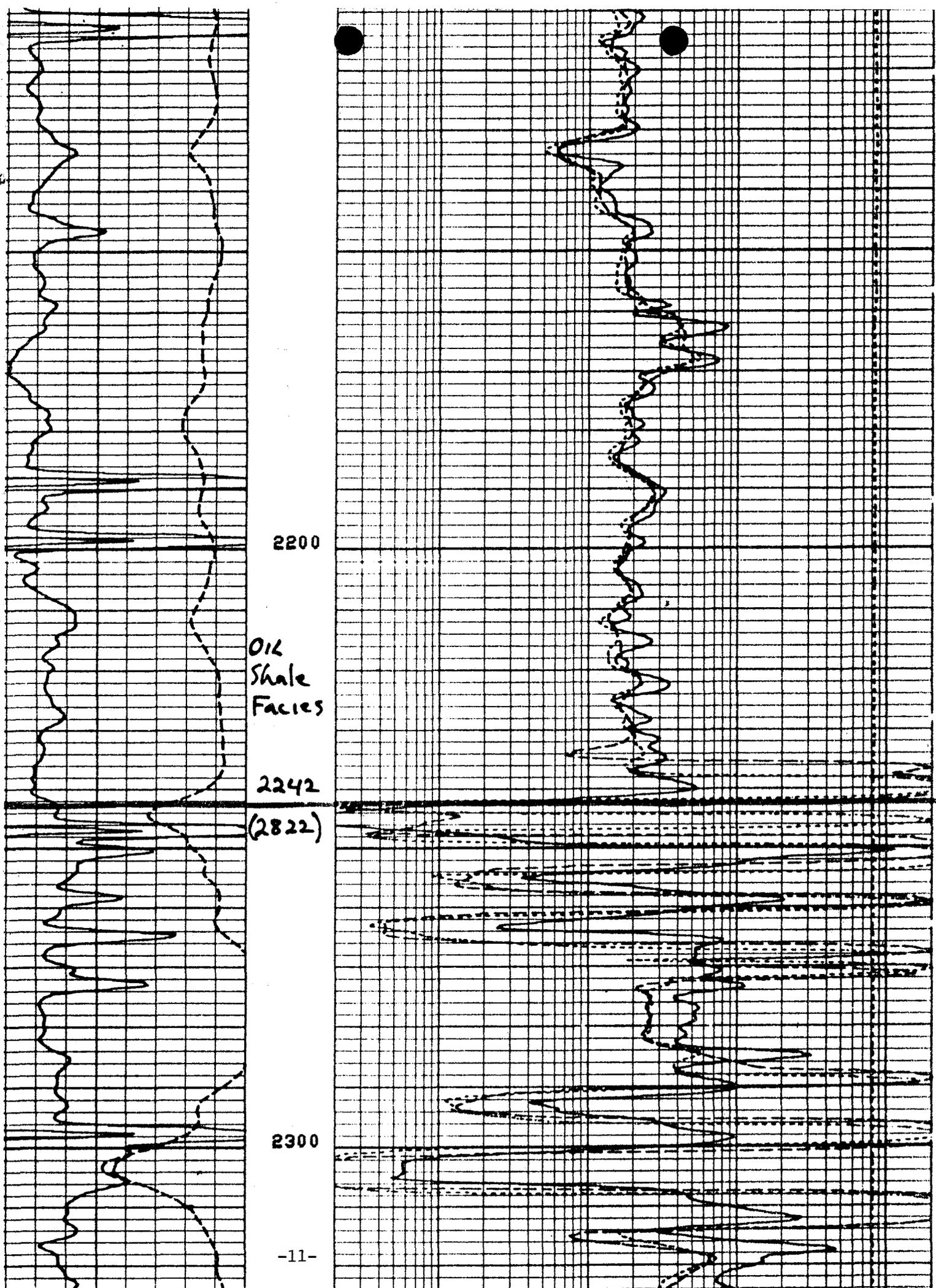
Green
River

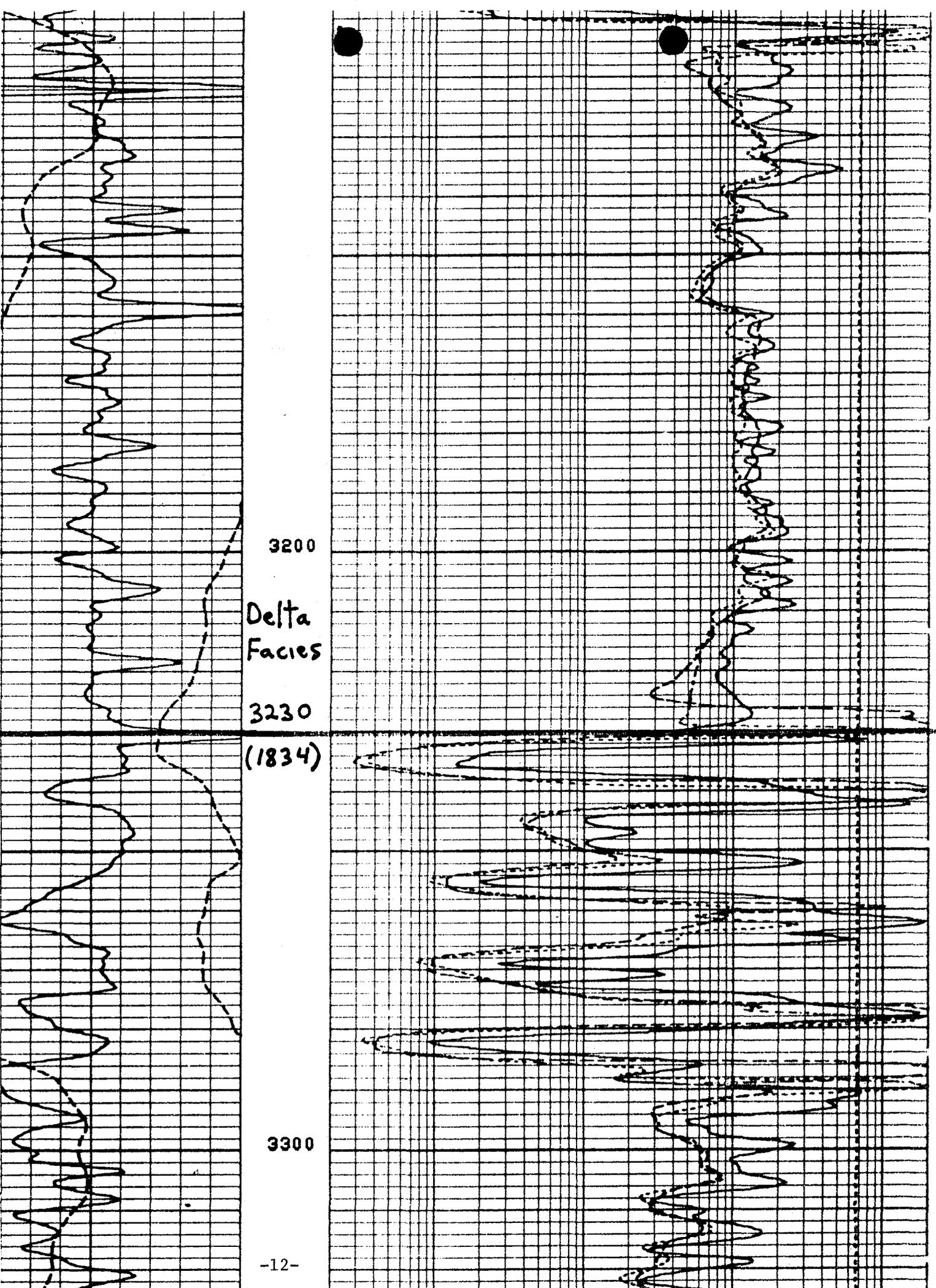
1433

(3631)

1500







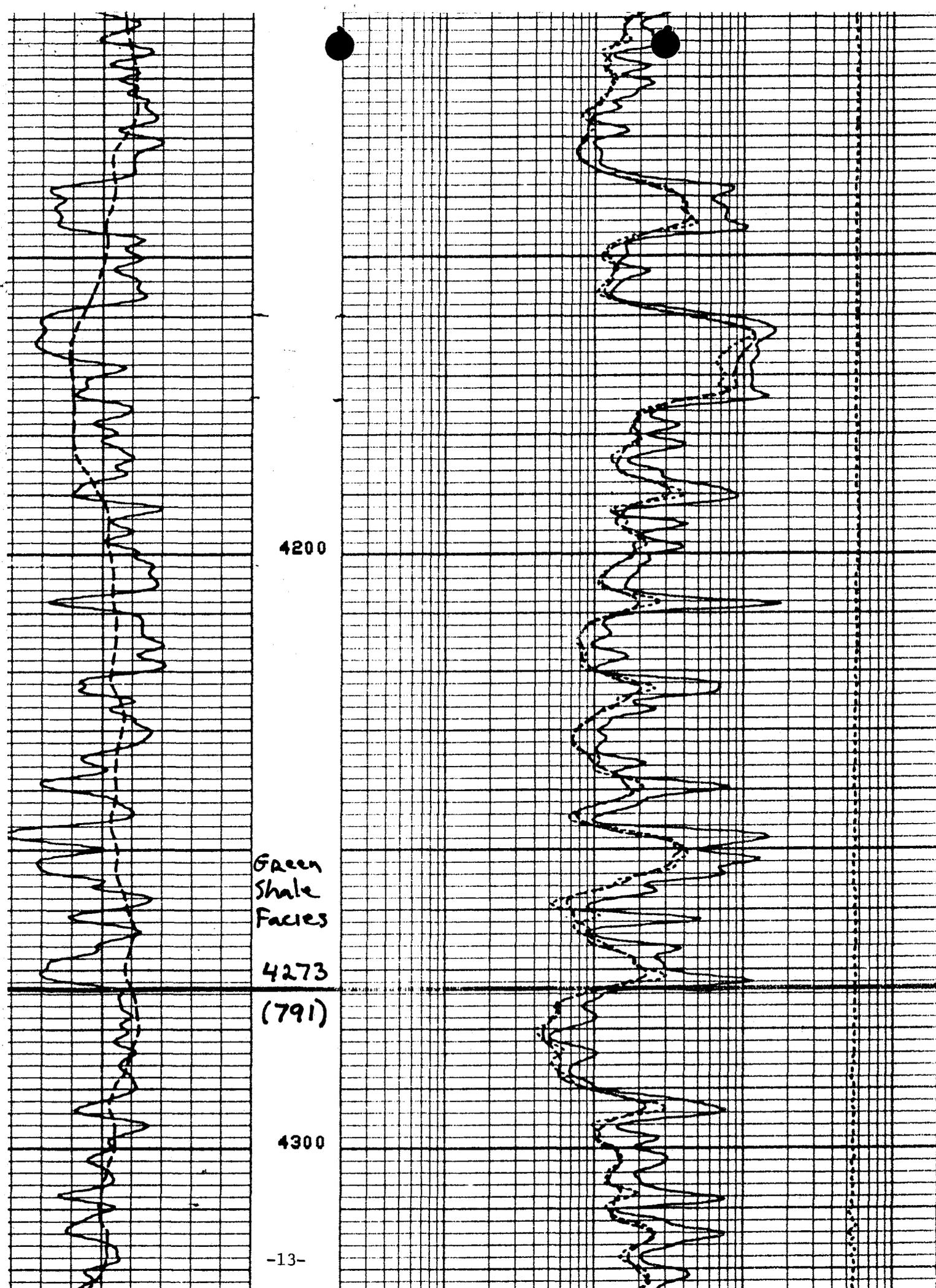
3200

Delta
Facies

3230

(1834)

3300

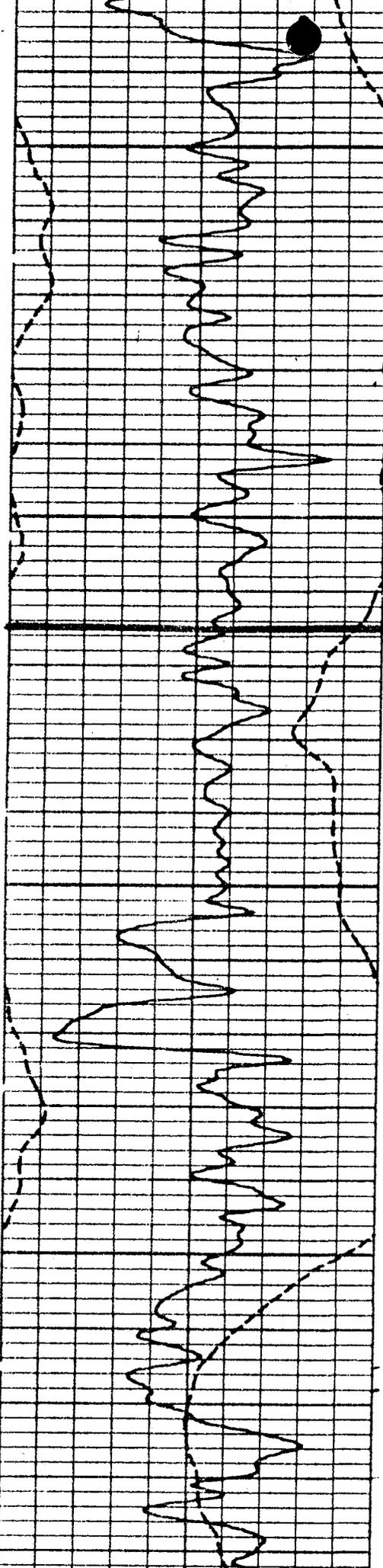


4200

Green
Shale
Facies

4273
(791)

4300



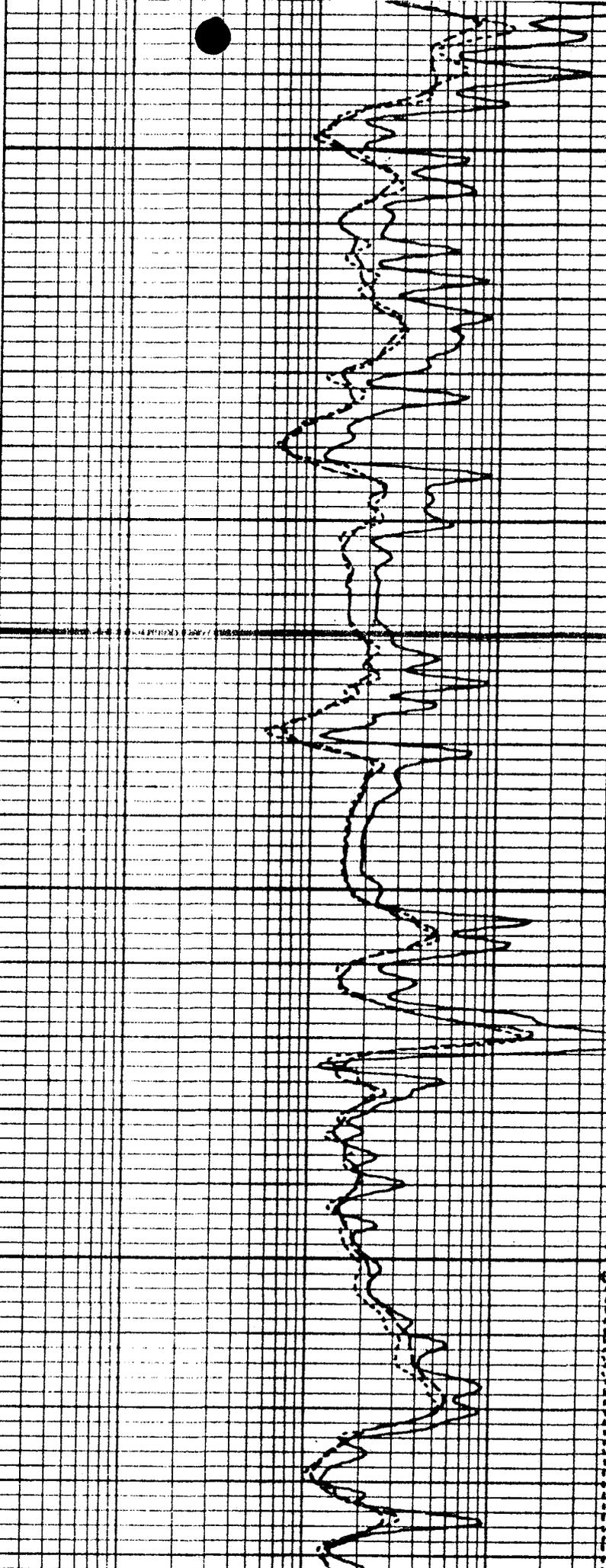
Black
Shale
Facies

5400

5415

(-351)

5500



Green
River
Lime
5868

(-804)

5900

6000

Wasatch
6040

(-975)

LITHOLOGY

- 300-370 SANDSTONE - s&p, clr, fros, lt gy, lt brn, vf-fgr, ind, sbang-sbrd, m srt, glauc, tr magnt, sl arg, calc cmt, p intgr \emptyset , NSFOC.
SILTSTONE - gybrn, fri, sbblky-blky, tr mica, n calc.
- 370-420 SILTSTONE - gy, gybrn, gn, fri-ind, ireg, sbblky, glauc, tr mica, n-sl calc.
- 420-500 SILTSTONE - gybrn, gygn, fri-ind, sbblky-plty, glauc, n-sl calc.
Occ SANDSTONE - clr, fros, lt gn, f-cgr, fri-ind, sbrd, m srt, glauc, tr pyr, calc cmt, n-p intgr \emptyset , NSFOC.
- 500-570 LIMESTONE - crm, wh, frm-hd, crp-vfxln, n-p intxln \emptyset , NSFOC.
SILTSTONE - gn, lt gy, occ wh, mod ind, sbblky-ireg, tr pyr, glauc, n-sl calc.
Tr SANDSTONE.
- 570-650 SHALE - lt-m gy, gybrn, lt-m gn, frm-hd, sbblky-plty, glauc, sl slty ip, calc.
SANDSTONE - clr, fros, s&p, vf-fgr, ind, sbrd, p-m srt, glauc, tr pyr, calc cmt, n-p intgr \emptyset , NSFOC.
Tr SILTSTONE.
- 650-720 SANDSTONE - clr, fros, s&p, lt gn, lt gy, vf-fgr, ind, sbrd, m srt, glauc, calc cmt, p intgr \emptyset , NSFOC.
SILTSTONE - lt gn, gygn, mod ind, ireg-plty, glauc, n-sl calc, grdg to SHALE - lt-dk brn, frm-hd, ireg-plty, slty in pt, sl calc.
- 720-770 SILTSTONE - brn, lt gngy, mod ind, ireg-plty, glauc, biot, sl calc.
SANDSTONE - fros, clr, lt gy, vf-fgr, ind, p-m srt, calc cmt, p intgr \emptyset , NSFOC.
- 770-820 SANDSTONE - lt gn, clr, lt gy, vf-fgr, fri-ind, sbrd-sbang, m srt, glauc, calc cmt, p intgr \emptyset , NSFOC.
- 820-870 SANDSTONE - clr, fros, lt gy, f-mgr, fri-ind, sbang, mod w srt, cln, p intgr \emptyset , calc cmt, NSFOC.
- 870-950 SANDSTONE - clr, fros, lt gn, vf-fgr, fri-ind, sbang, occ slty, p-m srt, calc cmt, p intgr \emptyset , NSFOC, grdg to SILTSTONE - lt-m brn, gy, fri-ind, blky-ireg, calc.
- 950-1,000 SHALE - gn, gygn, frm-hd, plty-sbblky, slty in pt, calc.
SANDSTONE - clr, fros, lt brn, vf-fgr, ind, sbang-sbrd, m srt, calc cmt, p intgr \emptyset , NSFOC.

LITHOLOGY (Cont.)

- 1,000-1,050 SANDSTONE - fros, lt gn, vf-fgr, ind, cons, w srt, sbang-sbrd, calc cmt, p intgr \emptyset , NSFOC.
SHALE - lt brn, gybrn, gn, sft frm, blk-sbblk, plty, slty, calc.
- 1,050-1,100 SANDSTONE - clr, fros, vf-fgr, fri-ind, sbang-sbrd, w srt, calc cmt, p intgr \emptyset , NSFOC.
SHALE - lt-m gy, gygn, frm-hd, blk, calc.
Tr SILTSTONE.
- 1,100-1,150 SILTSTONE - lt gy, wh, fri-ind, blk-sbblk, calc.
SHALE - lt-m gy, gygn, sft frm-hd, blk-plty, ireg, slty, calc, intbd w/SANDSTONE - fros, clr, lt gn, vf-fgr, fri-ind, sbrd, mod w srt, glauc in pt, calc cmt, p intgr \emptyset , NSFOC.
- 1,150-1,220 SANDSTONE - lt gy, fros, s&p, vf-fgr, ind, sbrd-sbang, mod w srt, tr magnt, calc cmt, p intgr \emptyset , NSFOC.
Tr SHALE - grd to SILTSTONE - lt gy, wh, fri, occ ind, calc.
- 1,220-1,270 SHALE - lt gy, frm-hd, blk, ireg, sl slty in pt, calc, grd to SILTSTONE - lt gy, wh, fri, occ ind, blk-ireg, sdy in pt, calc.
- 1,270-1,350 SANDSTONE - lt gy, fros, s&p, vf-fgr, fri-ind, sbang-sbrd, p-w srt, tr magnt, calc cmt, p-intgr \emptyset , NSFOC.
SILTSTONE - lt gy, wh, lt gn, p ind, blk-sbblk, sl sdy in pt, calc, grd to SHALE - lt-m gy, sft frm-hd, blk-plty, ireg, calc.
- 1,350-1,420 SHALE - lt-m-dkgy, frm, occ hd, blk, plty, ireg, slty in pt, sl-mod calc.
SANDSTONE - lt gy, fros, lt gn, vf-fgr, fri-ind, sbang-sbrd, p-w srt, calc cmt, p intgr \emptyset , NSFOC.
- 1,420-1,470 SANDSTONE - s&p, fros, lt gy, f gr, ind, sbrd, m-w srt, calc, p intgr \emptyset , NSFOC.
LIMESTONE - lt-dk brn, tan, frm-hd, micxln, n-p intgr \emptyset , NSFOC.
- 1,470-1,520 LIMESTONE - ltbrn, tan, crm, lt gy, frm-hd, micxln, tr pyr, suc, occ chky, n-p intxln \emptyset , bri yel mnrl fluor, tr brn o stn, fr strmg yel cut.
- 1,520-1,570 LIMESTONE - lt brn, tan, crm, lt gy, frm-hd, micxln, tr pyr, suc, occ chky, n-p intxln \emptyset , bri yel mnrl fluor, tr brn o stn, fr strmg yel cut.
- 1,570-1,620 LIMESTONE - lt brn, tan, crm, wh, frm-hd, micxln, tr pyr, suc, chky, n-p intxln \emptyset , NSFOC, tr SS.

LITHOLOGY (Cont.)

- 1,620-1,700 LIMESTONE - ltbrn, tan, crm, lt gy, frm-hd, micxln-vfxln, suc, tr pyr, occ chky, n-p intxln \emptyset , grdg to SHALE - lt-m brn, crm, tan, sft-frm-hd, blkly plty, slty, calc.
- 1,700-1,770 LIMESTONE - lt-m brn, tan, crm, frm-hd, micxln, suc, v arg, sme chk, p intxln \emptyset , tr bri yel mnrl fluor. SHALE - lt-m-dkbrn, gygn, gybrn, frm-hd, plty splty sbblkly v calc, sl sdy.
- 1,770-1,820 LIMESTONE - lt brn, tan, crm, frm-hd, crp-micxln, suc, v arg, n-p intxln \emptyset , tr mnrl fluor, intbd w/ SHALE - brn, orng, plty, flky, sbblkly, v calc, NSFOC.
- 1,820-1,880 LIMESTONE - lt-m brn, crm, tan, sft-frm-hd, micxln, sl-v arg, p intxln \emptyset , NSFOC, grdg to SHALE - lt-m brn, gy-gybrn, sft-frm-hd, blkly, plty, slty, arg in pt, calc.
- 1,880-1,920 LIMESTONE - lt-m brn, crm, frm-hd, micxln, suc, p intxln \emptyset , tr yel mnrl fluor, NSC. SHALE - lt-m brn, gybrn, frm-hd, blkly, ireg, dol in pt, sl slty in pt, sl-mod calc.
- 1,920-2,000 SILTSTONE - lt brn, crm, fri occ ind, sbblkly ireg, v calc.
LIMESTONE - lt-m brn, crm, crp-micxln, hd, suc, arg, p intxln \emptyset , sme yel mnrl fluor, NSOC, grdg to SHALE - lt-m-dkbrn, frm-hd, blkly plty ireg, mod calc.
- 2,000-2,070 Shale Shaker out.
- 2,070-2,120 LIMESTONE - lt-m brn gy, sft-frm-hd, micxln, arg, sl suc, p intxln \emptyset , sme yel mnrl fluor.
- 2,120-2,200 SANDSTONE - lt gy, gn, vfgr, ind, sbang, mod srt, glauc, slty in pt, calc cmt, p intgr \emptyset , NSFOC.
LIMESTONE - lt-m brn, frm, occ hd, crp-micxln, sl suc, p intxln \emptyset , yel mnrl fluor, tr SH.
- 2,200-2,250 LIMESTONE - lt-m brn, lt gy, frm-hd, micxln, suc, arg, tr pyr, p intxln \emptyset , tr yel mnrl fluor, intbd SHALE - m-dk brn, frm-hd, plty sbblkly, sl dol in pt, calc.
- 2,250-2,300 SHALE - lt-m gy, lt-dk brn, frm-hd, occ sft, blkly, plty, tr lignite, carb, n-sl calc, gd mlky wh strmg cut, tr LS.
- 2,300-2,350 SHALE - lt-m gy, lt-m-dkbrn, tan, sft-frm-hd, blkly plty, carb, sl calc, gd mlky wh strmg cut.
- 2,350-2,400 SHALE - lt-m brn, tan, tr gy, sft-frm, blkly, plty, splty, sbblkly, carb, sme brn o stn, gd mlky wh strmg cut.

LITHOLOGY (Cont.)

- 3,100-3,150 SHALE - lt-m-dk brn, frm occ sft, blkly plty splty, sl slty, carb, fr mlky wh strmg cut, grdg to LIMESTONE - lt-m brn, frm-hd, micxln, suc, sl arg, p intxln \emptyset , NSFOC.
- 3,150-3,190 SHALE - lt-dk brn, sft-frm-hd, blkly plty, v carb, mod calc, sme dd o stn, gd mlky wh strmg cut.
- 3,190-3,250 SILTSTONE - wh, lt gy, fri-ind, sbblky, occ sdy, calc, grdg to SHALE - lt-m brn, tan, frm-hd, blkly, plty, sl carb in pt, calc, fr mlky wh strmg cut.
- 3,250-3,300 LIMESTONE - lt-dk brn, frm-hd, crp-vfxln, dol in pt, n-p intxln \emptyset , NSFOC.
SHALE - lt-dk brn, tan, frm-hd, occ sft, blkly, plty, splty, calc.
- 3,300-3,340 LIMESTONE - lt-m-dk brn, frm-hd, crp-micxln, suc, v dol, n-p intxln \emptyset , tr yel mnrl fluor, NSOC, tr SH.
- 3,340-3,400 SHALE - lt-m-dk brn, frm-hd, plty ireg, tr pyr, dol in pt, n-sl calc, fr yelwh strmg cut.
LIMESTONE - crm, buf, lt-m brn, hd, occ frm, micxln, suc, dol, n-p intxln \emptyset , v wk yel cut, tr SS.
- 3,400-3,470 SHALE - m-dk brn, tan, frm-hd, occ sft, plty, sbblky, tr pyr, sl dol in pt, sme brn o stn, fr yelwh strmg cut, grdg to LIMESTONE - crm, bf, lt gy, sft-frm-hd, micxln, suc, chky, p intxln \emptyset , tr yelwh cut.
- 3,470-3,550 SHALE - lt-m-dk brn, sft-frm-hd, plty sbblky, sl carb, brn o stn, fr yel strmg cut, tr LS.
- 3,550-3,600 LIMESTONE - crm, lt gy, frm-hd, crp-micxln, suc, n-p intxln \emptyset , NSFOC.
SILTSTONE - brn, rdbrn, gy, fri occ ind, plty ireg, v calc, sme brn o stn, fr yel strmg cut, tr SS.
- 3,600-3,650 LIMESTONE - crm, lt gy, frm-hd, micxln, suc, p intxln \emptyset , NSFOC, grdg to SHALE - lt-dk brn, sft-frm-hd, blkly, plty, occ tab, carb, fr wh strmg cut.
- 3,650-3,740 SHALE - m-dk brn, gygn, frm-hd, blkly, plty, carb in pt, tr yel strmg cut, tr LS.
- 3,740-3,820 SANDSTONE - wh, fros, f gr, fri, sbang, mod srt, sme slt, magnt, cln, calc cmt, p-fr intgr \emptyset , NSFOC.
SHALE - m-dk brn, sft-frm-hd, blkly ireg, calc, tr SLTST.
- 3,820-3,870 LIMESTONE - lt-m-dk brn, frm-hd, micxln, suc, p intxln \emptyset , NSFOC, tr SH.

LITHOLOGY (Cont.)

- 3,870-3,920 SHALE - lt-m gy, lt-m brn, sft-frm-hd, plty flky, slty in pt, sl arg, calc.
- 3,920-4,000 SHALE - lt-m gy, gygn, m gy, sft-frm-hd, plty flky, slty in pt, calc.
SILTSTONE - lt-m gy, calc, fri-ind, tr pyr.
- 4,000-4,050 SHALE - lt-m gy, gygn, lt-m brn, mod ind, plty, sbblky, sl slty, v calc, grd to SLTST - lt gy wh, fri-ind, calc, wk yelwh cut.
- 4,050-4,120 SHALE - lt-m gy, gybrn, tan, mod frm, occ sft, plty sbblky, slty, tr pyr, v calc, sme brn o stn, wk yelgn cut.
SILTSTONE - lt brn, tan, crm, fri-ind, sbblky, plty, tr pyr, calc.
- 4,120-4,150 LIMESTONE - crm-tan, frm-hd, micxln-vfxln, tr pyr, chky, sl arg, tr brn o stn, wk yel strmg cut.
SHALE - lt gy, gybrn, tan, frm-hd, plty flky, calc.
- 4,150-4,240 SANDSTONE - lt gy, lt brn s&p, vfgr, ind, sl fri, sbrd, m srt, tr magnt, calc cmt, p intgr \emptyset , sme brn o stn, fr yelgn strmg cut.
LIMESTONE - lt-m gy, crm, frm-hd, micxln-vfxln, sl suc, p intxln \emptyset , wk yelgn cut, tr SH.
- 4,240-4,300 SILTSTONE - lt-m gy, tan brn, fri-ind, sbblky ireg, tr pyr, tr mica, v calc, intbd LIMESTONE - lt gy, crm, frm-hd, micxln-vfxln, chky, arg in pt, p intxln \emptyset , tr SHALE.
- 4,300-4,370 SHALE - lt-m-dk brn, frm occ hd, sme sft, plty blk, dol in pt, dull orng mnrl fluor, grd to LIMESTONE - lt-m gy, crm, hd, occ frm, vfxln, suc, arg in pt, wk yelwh cut.
- 4,370-4,420 SHALE - m-dk brn, occ gn, sft-frm, occ hd, sbblky, plty, sl slty, carb, tr strmg wh cut.
LIMESTONE - lt gy, crm, frm-hd, micxln-vfxln, sl arg, p intxln \emptyset , NSFOC.
- 4,420-4,300 SILTSTONE - lt-m gy, tan brn, fri-ind, sbblky ireg, tr pyr, tr mica, v calc, intbd LIMESTONE - lt gy, crm, frm-hd, micxln-vfxln, chky, arg in pt, p intxln \emptyset , v wk yelgn cut, tr SH.
- 4,300-4,370 SHALE - lt-m-dk brn, frm-occ hd, sme sft, plty blk, dol in pt, dull orng mnrl fluor grd to LIMESTONE - lt-m gy, crm, hd, occ frm, vfxln, suc, arg in pt, wk yel wh cut.

LITHOLOGY (Cont.)

- 4,370-4,420 SHALE - m-dk brn, occ gn, sft-frm, occ hd, sbblky-plty, sl slty, carb, tr strmg wh cut.
LIMESTONE - lt gy, crm, frm-hd, micxln-vfxln, sl arg, p intxln \emptyset , NSFOC.
- 4,420-4,500 SILTSTONE - wh lt gy, fri-ind, sbblky ireg, calc, sl sdy, calc.
SHALE - lt-m gy, sme brn, crm, sft-frm-hd, plty, flky, sbfis, slty in pt, sl arg, calc, NSFOC.
- 4,500-4,570 SHALE - lt-m gy, gybrn, lt brn, sft-frm, occ hd, sbblky-plty-flky, slty in pt, mod calc, tr pyr.
SILTSTONE - lt-m gy, wh, ind, occ fri, sbblky, calc.
- 4,570-4,650 SHALE - lt-m gy, gygn, lt gn, sft-frm, blk-sbblky, plty, slty in pt, calc.
SILTSTONE - lt-m gy, wh, fri-ind, sbblky, calc.
- 4,650-4,700 SHALE - lt gy, lt-m brn, frm, occ hd, plty, sl slty in pt, calc.
SILTSTONE - m brn, occ lt gy, fri-ind, sbblky ireg, sl sdy, calc.
- 4,700-4,750 LIMESTONE - lt-m gy, crm, tan, frm-hd, vfxln, suc, p intxln \emptyset , NSFOC, grdg to SHALE - lt-m gy, sft-frm-hd, plty splty, tr pyr, tr yelgn cut, tr SLTST.
- 4,750-4,810 LIMESTONE - lt-m gy, crm, sme tan, sft-frm, occ hd, vfxln, suc, sl arg, n-p intxln \emptyset , NSFOC.
SHALE - lt-m gy, lt-m brn, sft-frm, plty, splty, tr pyr, calc, wk yelgn cut.
- 4,810-4,850 SANDSTONE - wh, clr, m gr, fri-ind, sbang, p-mod w srt, calc cmt, tr dd o stn, p-fr intgr \emptyset , gd strmg mlky wh fluor cut.
- 4,850-4,870 LIMESTONE - lt-m gy, sme brn, frm-hd, vfxln, sl suc, p intxln \emptyset , wk yel cut.
- 4,870-4,920 SANDSTONE - wh, lt gy, ind, occ fri, m gr, sbang, m srt, sme calc cmt, p-fr intgr \emptyset , dd o stn, gd strmg mlky wh fluor cmt.
- 4,920-4,970 SHALE - m-dk gy, sme blk, sft-frm-hd, blk plty flky, wxy, arg in pt, mod calc, tr SLTST.
- 4,970-5,020 SHALE - lt-m-dk gy, lt-m-dk brn, sme blk, sft-frm, occ hd, blk plty flky, sl wxy, slty in pt, carb, tr lignite, n-sl calc.
- 5,020-5,070 SHALE - lt-m gy, sme brn, sft-frm-hd, blk sbblky, plty, slty, carb in pt, sl-mod calc, fr mlky wh strmg cut.

LITHOLOGY (Cont.)

- 5,070-5,150 SHALE - lt-m-dk gy, m brn, sft-frm-hd, plty sbblky
plty, slty, tr pyr, v calc, tr brn o stn, wk yel cut,
grdg to SLTST - gybrn, lt-m gy, fri-ind, sbblky, ireg,
tr pyr, v calc, NSFOC.
- 5,150-5,170 SHALE - lt gy, frm-hd, plty, sbblky, abnt pyr, v calc.
SILTSTONE - lt-m gy, lt brn, tan, fri, tr pyr, v calc.
- 5,170-5,220 SANDSTONE - lt gy, gybrn, f-m gr, ind, occ fri, sbrd,
mod w srt, calc cmt, p-fr intgr \emptyset , bri yelornng fluor,
live brn oil, gd strmg mlky wh fluor cut.
SHALE - lt gy, tan, crm, sft-frm, occ hd, blk splty,
flky, tr pyr, n-sl calc.
- 5,220-5,300 SHALE - lt-m gy, lt brn, sme blk, sft-frm, splty-blky,
tr pyr, mod calc, fr yelgn strmg cut.
SILTSTONE - wh, lt gy, fri-ind, blk-sbblky, calc.
- 5,300-5,350 SHALE - m-dk gy, m brn, sft-frm-hd, sbblky, slty, sl
calc, occ carb, NSFOC.
- 5,350-5,400 SHALE - m-dk gy blk, sft-frm-hd, blk, plty-splty, slty
in pt, carb in pt, n-sl calc.
- 5,400-5,450 SHALE - m-dk gy, blk, frm-sft-hd, blk-plty, splty,
slty in pt, carb in pt, n-sl calc.
- 5,450-5,520 SHALE - lt-m gy, gygn, sft-frm, plty-blky-flky, slty in
pt, sl sdy, sl-mod calc.
SILTSTONE - wh, lt gy, fri-ind, blk-sbblky ireg, sdy,
mod calc, brn o stn, gd strmg mlky wh cut.
- 5,520-5,570 SANDSTONE - wh, clr, fros, lt gy, fri-ind, f-m gr, sbrnd,
p-w srt, calc cmt, brn o stn, gd strmg mlky wh cut.
SHALE - lt-m gy, sme brn, sft-frm-hd, blk plty ireg,
sl slty, calc, NSFOC.
- 5,570-5,620 SILTSTONE - wh, lt gy, fri-ind, blk sbblky, ireg, sdy,
mod calc, brn o stn, gd strmg mlky wh cut.
- 5,620-5,670 SHALE - lt-m gy, gygn, brn, sft-frm-hd, blk plty, tr
n-sl calc, NSFOC.
Tr SILTSTONE.
- 5,670-5,720 SHALE - lt-dk gy, frm-hd, splty occ blk, slty, n-sl
calc, NSFOC.
Tr SILTSTONE, Tr SANDSTONE, Tr LIMESTONE.
- 5,720-5,800 SHALE - lt gy, lt-m brn, sft-frm-hd, plty splty, sl calc,
no cuts.
SANDSTONE - clr, fros, f-m gr, fri-ind, sbang, m srt,
occ glauc, calc cmt, n-p intgr \emptyset , fr mlky wh strmg cut.

LITHOLOGY (Cont.)

- 5,800-5,850 SHALE - lt-dk gy, frm-hd, blk, sl carb, sl-mod calc.
- 5,850-5,900 SHALE - lt-m-dk brn, lt-dk gy, sft-frm-hd, sbblk-blk-
plty, sl fis, slty, carb, mod calc, tr fos frag, mlky
wh strmg cut.
- 5,900-6,000 LIMESTONE - lt-dk gy, occ m brn, frm-hd, n-p intxln \emptyset ,
vfxln.
SHALE - dk brn, blk, sft-frm-hd, blk, plty, carb, sme
slty, v calc, wk yel cut.
- 6,000-6,050 LIMESTONE - dk-m gy, dkbrn, blk, frm-hd, micxln, v arg,
NSFOC.
SHALE - dk gy, blk, sft-frm, occ hd, blk, splty, flky,
sl carb, mod calc.
- 6,050-6,100 SHALE - lt-m-dk gy, tr brn, sft-frm, occ hd, blk splty,
sl flky, mod calc, tr SLTST.
- 6,100-6,150 SHALE - lt-m-dk gy, gybrn, sme dk brn, sft-frm, blk, plty
slty in pt, sl carb, n-sl calc.

POL



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY
REFER TO:

3162.5
(U-8010)

RECEIVED
FEB 05 1986

January 31, 1986

**DIVISION OF
OIL, GAS & MINING**

Mr. John Baza
Utah State Department of Natural Resources and Energy
Division of Oil, Gas, and Mining
3 Triad Center, Suite 360
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Natural Gas Corp. of California
NGC No. 33-2-H State Well
Sec. 2, T.9S., R.17E., SLM
API No. 43-047-31195

Dear Mr. Baza:

On August 22, 1985, we were advised by our State Director that we should no longer exercise regulatory authority over wells drilled on state surface and mineral estate with regard to methods of disposal of produced water. Consequently, we are forwarding the referenced application to you for disposition.

If you have any questions concerning this matter, please contact Alvin Burch at (801) 789-1362.

Sincerely,

Alvin L. Burch
Acting Area Manager
Diamond Mountain Resource Area

Encl: 1 Sundry Notice

cc: Natural Gas Corp of California

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

D

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

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
2231' FEL 1786' FSL NW 1/4 SE 1/4

14. PERMIT NO.
43-047-31195

15. ELEVATIONS (Show whether OP, RT, OR, etc.)
5050' Gr.

RECEIVED FEB 05 1986

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
NGC #33-2-H State

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
State surface & minerals
Sec. 2, T.9S., R.17E.

12. COUNTY OR PARISH
Uintah

13. 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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Request Temporary Surface Pit

(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.)

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

VERNAL DIST.
ENG. *Rm*
GEOLOG. *ATB*
E.S. *44 12-5-84*
PET. *Mark W.D.*
A.M. _____



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

SIGNED *William M. Ryan* TITLE Petroleum Engineer DATE Nov. 15, 1984
William M. Ryan

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:
11-85-303
BLM



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 13, 1986

Mr. Alvin L. Burch
United States Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Dear Mr. Burch:

RE: Wells Operated by Natural Gas Corporation of California in
Duchesne and Uintah Counties

In reference to the wells listed on the attached sheet, several letters from your office were recently received by the Division of Oil, Gas and Mining. The letters advise the Division that the Bureau of Land Management could not exercise regulatory authority over these wells as it pertains to approval of temporary disposal pits at each site. The Division appreciates your consideration of this matter.

For your information, the proposed surface pits requested by the operator were approved by this office on December 20, 1984. In fact, two of the wells have subsequently been plugged and abandoned as indicated on the attached sheet.

Please do not hesitate to contact us again in future matters of this type.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Petroleum Engineer

sb
Attachment
cc: D.R. Nielson
R.J. Firth
Well Files
0155T-105-106

Attachment 1

Well No. NGC 11-16
Sec.16, T.9S, R.17E,
Duchesne County

Well No. 44-36 (P&A 7-25-85)
Sec.36, T.8S, R.15E,
Duchesne County

Well No. NGC 33-32 State
Sec.32, T.8S, R.18E,
Uintah County

Well No. NGC 33-2-H State
Sec.2, T.9S, R.17E,
Uintah County

Well No. NGC 13-16 State (P&A 7-26-85)
Sec.16, T.9S, R.19E,
Uintah County

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: NATURAL GAS CORP OF CA LEASE: ML-21843
WELL NAME: NGC 33-2H STATE API: 43-047-31195
SEC/TWP/RNG: 02 09.0 S 17.0 E CONTRACTOR:
COUNTY: UINTAH FIELD NAME: 8 MILE FLAT NORTH

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN _ / TA _:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
Y METERING *	Y POLLUTION CNTL	Y PITS	Y DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	- SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOCATION, WELL HEAD, PUMP JACK, BATTERY, 2 DISPOSAL PITS.

REMARKS:

POW - NO GAUGES. PITS FENCED CONTAINING COUPLE INCHES OIL AND WATER. CLEAN LOCATION.

ACTION:

INSPECTOR: CAROL KUBLY

DATE: 07/31/87

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

pow

OPERATOR: NATURAL GAS CORP OF CA LEASE: ML-21843
WELL NAME: NGC 33-2H STATE API: 43-047-31195
SEC/TWP/RNG: 02 09.0 S 17.0 E CONTRACTOR:
COUNTY: UINTAH FIELD NAME: 8 MILE FLAT NORTH

DRILLING/COMPLETION/WORKOVER:

APD WELL SIGN HOUSEKEEPING BOPE
 SAFETY POLLUTION CNTL SURFACE USE PITS
 OPERATIONS OTHER

SHUT-IN / TA :

WELL SIGN HOUSEKEEPING EQUIPMENT * SAFETY
 OTHER

ABANDONED:

MARKER HOUSEKEEPING REHAB OTHER

PRODUCTION:

WELL SIGN HOUSEKEEPING EQUIPMENT * FACILITIES *
 METERING * POLLUTION CNTL PITS DISPOSAL
 SECURITY SAFETY OTHER

GAS DISPOSITION:

VENTED/FLARED SOLD LEASE USE

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

WH/PJ/TB

REMARKS:

OK-POW
CC:C.K.

ACTION:

INSPECTOR: BRAD HILL

DATE: 04/06/88

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: NATURAL GAS CORP OF CA LEASE: ML-21843
WELL NAME: NGC 33-2H STATE API: 43-047-31195
SEC/TWP/RNG: 02 09.0 S 17.0 E CONTRACTOR:
COUNTY: UINTAH FIELD NAME: 8 MILE FLAT NORTH

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN _ / TA _:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
N METERING *	Y POLLUTION CNTL	Y PITS	N DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	- SOLD	- LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOCATION, WELL HEAD, PUMP JACK, BATTERY, EMERGENCY PIT.

REMARKS:

POW - PIT FENCED. SEALS ON BATTERY.

ACTION:

INSPECTOR: CAROL KUBLY

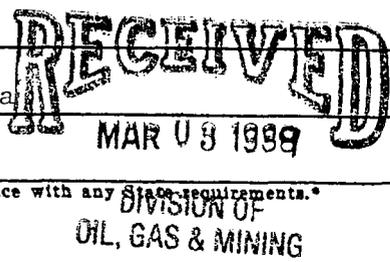
DATE: 05/10/88

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

5. LEASE DESIGNATION AND SERIAL NO.	ML 21843
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	State
9. WELL NO.	#33-2-H
10. FIELD AND POOL, OR WILDCAT SURVEY OR AREA	Eight Mile Flat North
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 2, T9S, R17E
12. COUNTY OR PARISH	Uintah
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR Natural Gas Corporation of California
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2231' FEL 1786' FSL NW/SE
14. PERMIT NO. 43-047-31195
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 5050' 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) Suspend Production <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Operator requests permission to suspend production of the subject well. The well is not economical at current oil prices, but may become economical with a price increase. If a suspension of production is not granted, it may result in premature abandonment of the well and a loss of associated reserves.

5/8/89

per TRB phoned NGC to notify st lands need to approved this action. notified Kaula 3:59 5-8-89 mailed copy to hu also (of ltr.)

Copies: BLM-Vernal; Chorney; WGPaulsell; Bhill; LJorgensen; SFurtado; HCulp

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

SIGNED <u>Mike Mc Mican</u> Michael L. McMican	TITLE <u>Petroleum Engineer</u>	DATE <u>3/2/89</u>
---	---------------------------------	--------------------

(This space for Federal or State office use)

APPROVED BY _____	TITLE _____	DATE _____
-------------------	-------------	------------

CONDITIONS OF APPROVAL, IF ANY:

DATE 03/13/89

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
9.0 S 17.0 E 2 NWSE S 43-047-31195 GRRV POW

OPERATOR: N0700 : NATURAL GAS CORP OF CA

WELL NAME: NGC 33-2H STATE

ENTITY: 6125 : NGC 33-2H STATE

ACCT	ENTY	DAYS		OIL PROD		GAS PROD		WATER PROD	PERIOD
CUM THRU 12/31/87				23494.59		28845.00		4101.64	
N0700	6125	15	10.6	160.00	15	225.00		37.00	88-01
N0700	6125	17	11.4	194.00	15	255.00		17.00	88-02
N0700	6125	28	205.00			420.00		28.00	88-03
N0700	6125	30	188.00			450.00		16.00	88-04
N0700	6125	31	173.00			465.00		25.00	88-05
N0700	6125	30	186.00			450.00		12.00	88-06
N0700	6125	30	177.00			450.00		32.00	88-07
N0700	6125	31	178.00			465.00		11.00	88-08
N0700	6125	30	184.00			450.00		21.00	88-09
N0700	6125	29	178.00			435.00		7.00	88-10
N0700	6125	29	168.00			435.00		36.00	88-11
N0700	6125	30	191.00			450.00		26.00	88-12
YTD				2,182		4,950		268	

OPTION: 13 PERIOD(YMM): 8800 API: 4304731195 ZONE: GRRV ENTITY: 0

DATE 03/13/89

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
9.0 S 17.0 E 2 NWSE S 43-047-31195 GRRV POW

OPERATOR: N0700 : NATURAL GAS CORP OF CA

WELL NAME: NGC 33-2H STATE

ENTITY: 6125 : NGC 33-2H STATE

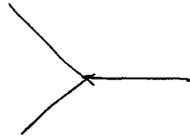
ACCT	ENTY	DAYS		OIL PROD		GAS PROD	WATER PROD	PERIOD
CUM THRU 12/31/87				23494.59		28845.00	4101.64	
N0700	6125	29	7.4	217.00	15	435.00	54.00	87-01
N0700	6125	26	10.9	211.00	15	390.00	3.00	87-02
N0700	6125	28	10.1	180.00	15	420.00	64.00	87-03
N0700	6125	30	10.5	220.00	15	450.00	0.00	87-04
N0700	6125	31	10.9	205.00	15	465.00	21.00	87-05
N0700	6125	30	10.9	179.00	15	450.00	31.00	87-06
N0700	6125	31	10.9	220.00	15	465.00	0.00	87-07
N0700	6125	31	10.9	184.00	15	465.00	29.00	87-08
N0700	6125	30	10.9	161.00	15	450.00	33.00	87-09
N0700	6125	31	10.9	219.00	15	465.00	0.00	87-10
N0700	6125	29	7.9	201.00	15	435.00	26.00	87-11
N0700	6125	26	7.6	198.00	15	390.00	48.00	87-12
YTD				2,395		5,280	309	

OPTION: 13 PERIOD(Yymm): 8700 API: 4304731195 ZONE: GRRV ENTITY: 0

NGC 33-24 State

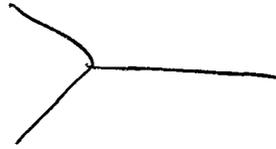
5-5-89
JRB

15.00 / bbl.
5.7 bbl / Day



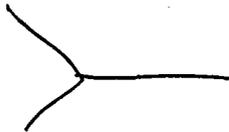
85.50 per day
Oper. costs + taxes + royalties.

At # 20.00 / bbl
5.7 bbl / Day



114.00 per day

At # 25.00 / bbl
5.7 bbl / Day



142.50

At # 30.00 / bbl
5.7 bbl / Day



171.00

If # 85.50 per day is breakeven point, abandonment rate is:

Oil price

Abandonment rate

15 / bbl

5.7 BOPD

20

4.3

25

3.4

30

2.9

Current decline is:

$$\frac{\ln 12.8 - \ln 4.9}{7 \text{ yrs.}} = 0.137$$

Remaining reserves & life:

<u>Oil price</u>	<u>Aban. rate</u>	<u>Life</u>	<u>Rem. Res.</u>
\$ 15 / bbl.	5.7 BOPD	0 yrs.	0 bbls.
\$ 20 / bbl.	4.3	2.1 yrs.	3700 bbls.
\$ 25 / bbl.	3.4	3.8 yrs.	6100
\$ 30 / bbl.	2.9	4.9 yrs.	7500



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

May 5, 1989

TO: Ed Bonner
Utah Division of State Lands and Forestry

FROM: John Baza, Petroleum Engineer *JEB*

RE: Natural Gas Corporation Request to Suspend Production

On March 3, 1989, the Division of Oil, Gas and Mining received a sundry notice from Natural Gas Corporation of California (NGC) to suspend production from the State #33-2-H Well located on state lease ML 21843 in Section 2, Township 9 South, Range 17 East, Uintah County. The request was forwarded to your office for consideration, and subsequently you asked for our opinion regarding the economics of well. This memo presents my approximation of the future life and remaining reserves for the well based on certain assumptions.

The well currently produces an average of 173 barrels of oil per month (5.7 BOPD). The well may be shut-in at this time; however, DOGM production records are only available through December 1988 when the well was still producing. NGC states in their sundry notice that the well is uneconomic at current oil prices; therefore, the base assumption of my evaluation is that at an oil price of \$15.00 per barrel, the well is currently at its economic limit of 5.7 BOPD and expenses for the well are equal to revenue.

At the assumed oil price of \$15.00 per barrel and 5.7 BOPD production, total revenue for the well is equal to \$85.50 per day. A decline curve for the well was graphically constructed and it was determined that the well's production follows a simple exponential decline of 13.7 percent. The economic limit of the well based on oil price was calculated assuming that total operating expenses remain constant at \$85.50 per day for the remaining life of the well. The following table shows the resulting calculated values for remaining life and reserves for the well at different oil prices.

<u>Oil price</u>	<u>Abandonment rate</u>	<u>Remaining life</u>	<u>Remaining reserves</u>
\$15.00/bbl	5.7 BOPD	0 years	0 Barrels of oil
20.00	4.3	2.1	3700
25.00	3.4	3.8	6100
30.00	2.9	4.9	7500

Page 2
Ed Bonner
May 5, 1989

In order to determine the potential revenue for the State of Utah, one should multiply the remaining reserves by the assumed oil price and by the cumulative rate for state taxes and royalties. Because it is difficult to project with certainty what the oil price will be for the next five years, it is not known how much potential revenue the state would be sacrificing to require plugging of the well. In the case of the state mineral lease, you would also want to consider the value of the lease if terminated and re-leased; however, because the well has already produced a substantial amount of petroleum from the lease, there may not be much interest in a lease which has already been somewhat depleted.

I hope this information is helpful to you. I am returning with this letter the sundry notice submitted by NGC since your office will be the one to approve or deny the request to suspend production. Please let me know if you have any further questions concerning this well.

Attachments

cc: D. R. Nielson
R. J. Firth
Well file

O12/184-185



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. N0700

Report Period (Month/Year) 5 / 89

Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FEDERAL 23-5-G 4301331207 06105 09S 16E 5	<i>Copy</i> GRRV				
NGC FED 32-5G 4301330670 06110 09S 16E 5	GRRV				
FEDERAL 42-4 4301330638 06115 09S 16E 4	GRRV				
SE FLANK UINTAH 1-28 4304730126 06121 15S 22E 28	DKTA				
FEDERAL 24-22 4304730610 06124 08S 22E 22	WSTC				
NGC 33-2H STATE 4304731195 06125 09S 17E 2	GRRV				
D 23-17 SAND RIDGE 4304730623 06126 08S 23E 17	WSTC				
STATE NGC 11-16 4301330616 06130 09S 17E 16	GRRV				
NGC 22-20 4304731356 06135 08S 22E 20	GRRV				
NGC 12-8H FEDERAL 4301330680 06140 09S 17E 8	GRRV				
FED NGC 21-15 4301330614 06145 09S 17E 15	GRRV				
NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV				
NGC 33-18J 4304731200 06155 09S 19E 18	GRRV				
TOTAL					

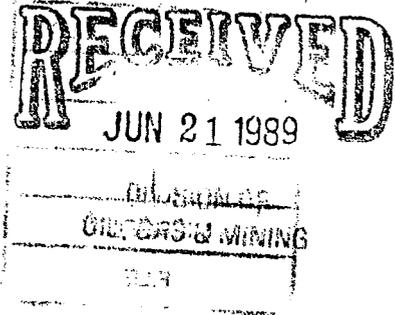
Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396



June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-06-89
NGC Energy Co : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg of ops from
Natural Gas Corp to NGC.
JAS

NGC
Energy
Company

OIL AND GAS	
DRN	RJF
1-JRB ✓	GLH
DTS	SLS
2-TAS	
3- MICROFILM ✓	
4- FILE	

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 19, 1989

Mr. John R. Baza
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
JUL 21 1989

DIVISION OF
OIL, GAS & MINING

Re: Gas Venting in the Glen Bench and Pleasant Valley Areas

Dear Mr. Baza:

Due to the small and declining gas volumes from the following wells, we request approval to discontinue our testing schedule:

<u>Well Number</u>	<u>Date Tested</u>	<u>Volume MCFD</u>
Glen Bench 31-20	07/02/89	6.6 ✓
Glen Bench 13-20	07/03/89	21.6 ✓
Pleasant Valley 21-15-H	06/29/89	16.6 ✓
Pleasant Valley 24-15-H	06/26/89	6.6 ✓
Pleasant Valley 41-30	06/25/89	0 ✓
Pleasant Valley 32-29-I	06/24/89	18.3 ✓
Pleasant Valley 33-18-J	06/23/89	0 ✓
Pleasant Valley 11-16	06/22/89	6.6 ✓
Pleasant Valley 13-9-H	06/29/89	6.6 ✓
Pleasant Valley 24-9-H	06/28/89	0 ✓
Pleasant Valley 33-2-H	06/30/89	0 ✓

Attached are copies of the letter and Sundry Notice filed in July, 1988. Approval was never received from the State of Utah. I went to the BLM July 18, 1989 and talked with Jerry Kenzka, Petroleum Engineer, who approved the request for the BLM. He stated that the BLM does not require testing because of the low volumes of vented gas. He also restated the BLM's approval to vent these wells and that any testing should be regulated by the Utah Oil and Gas Commission. He also said the reason the venting of these wells was not addressed in the "Conditions of Approval", was because of the low volumes vented.

We would appreciate your attention to this matter. If I can be of further assistance, please contact me in the Vernal office at 789-4573.

Sincerely,

Clemott M. Heddleson

Clemott M. Heddleson
Production Supt.
Attachments

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

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 21843
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2231' FEL 1786' FSL NW/SE		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-047-31195		9. WELL NO. 33-2-H
15. ELEVATIONS (Show whether OF, TO, OR FROM) 5050' GR		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat North
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T9S, R17E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

RECEIVED
JUL 21 1989
DIVISION OF OIL, GAS, AND MINING

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

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

Due to the small and declining gas volume of 0 MCFD from this well, we request approval to discontinue our testing schedule. If this is not acceptable, we request changing the testing schedule from monthly to yearly.

cc: BLM-Vernal District Office; Stan Goodrich; Central Files-Dallas

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

SIGNED Clemott M. Heddleson
Clemott M. Heddleson
(This space for Federal or State office use)

TITLE Production Supervisor BY THE STATE DATE 7/18/89

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____
BY: John R. Bay

See attachment

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR GAS VENTING OR FLARING

Natural Gas Corporation of California
Various wells listed below
Duchesne and Uintah Counties, Utah
July 28, 1989

Reference document: Letter and sundry notices dated July 19, 1989,

<u>Well Name and Number</u>	<u>Well Location</u>
Glen Bench 13-20	Sec. 20, T. 8S, R. 22E
Glen Bench 31-20	Sec. 20, T. 8S, R. 22E
State 33-2-H	Sec. 2, T. 9S, R. 17E
Federal 13-9-H	Sec. 9, T. 9S, R. 17E
Federal 24-9-H	Sec. 9, T. 9S, R. 17E
Federal 21-15-H	Sec. 15, T. 9S, R. 17E
Federal 24-15-H	Sec. 15, T. 9S, R. 17E
State 11-16	Sec. 16, T. 9S, R. 17E
Federal 41-30	Sec. 30, T. 9S, R. 17E
Federal 32-29-I	Sec. 29, T. 9S, R. 18E
Federal 33-18-J	Sec. 18, T. 9S, R. 19E

1. The operator shall accurately report all production and disposition for the listed wells including gas used on lease and gas vented or flared.
2. For the listed wells, annual stabilized production tests which reflect the normal producing conditions of each of the wells shall be considered as complying with Rule R615-2-8, Measurement of Production.

OI58/93

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

3. LEASE DESIGNATION & SERIAL NO.
ML 21843

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.)

6. IF INDIAN ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
PG&E Resources Company

8. FARM OR LEASE NAME
State

3. ADDRESS OF OPERATOR
5950 Berkshire Ln., Suite 600, Dallas, TX 75225 (214)750-3800

9. WELL NO.
33-2H

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also spaces 17 below.)
At surface 2231' FEL, 1786' FSL NW/SE
At proposed prod. zone

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC. T., E., N. OR S.W. AND SURVEY OR AREA

Sec. 2-T9S-R17E

12. API NO.
43-047-31195

13. ELEVATIONS (Show whether DF, RT, OR, etc.)
5050' GR

14. COUNTY
Uintah

15. 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 FULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON
REPAIR WELL CHANGE PLANS
(Other)

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT
(Other)
(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START April, 1990

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.

Operator proposes to P&A the subject well as follows:

Set CIBP @ 3990' w/50' cmt on top. Set 100' cmt in 5 1/2" csg across 9 5/8" csg shoe f/275'-375'. Set 50' cmt in 5 1/2" csg @ surface & 50' cmt in 5 1/2" by 9 5/8" csg annulus @ surface. Erect regulation dryhole marker w/10 sx sackrete w/fill around marker base to about 18". Cut deadmen 24" below surface. All intervals between plugs filled w/fluid of hydrostatic exceeding greatest formation pressure encountered while drilling. Location to be restored to specs to be provided by the BLM.

copies: BLM-Vernal
Central Files
PG&E Vernal office

OIL AND GAS	
DRN	RJF
JRB ✓	GLH
DTS	SLS
2-TAS	

Utah Div. of State Lands & Forestry.

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

SIGNED Michael L. McMican
(This space for Federal or State office use)

TITLE Petroleum Engineer

3 - MICROFILM
DATE 4-2-90
FILE

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

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

See attachment

See Instructions On Reverse Side

DATE: 4-18-90
BY: John R. Dage

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR WELL PLUGGING AND ABANDONMENT

P.G. & E. Resources Co.
State #33-2H
Section 2, T. 9S, R. 17E
Uintah County, Utah
April 18, 1990

Reference document: Sundry notice dated April 2, 1990.

1. The operator shall notify the Division at least 24 hours prior to commencing plugging operations to allow witnessing by a Division representative.

OI58/143

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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 & SERIAL NO. ML 21843
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR PG&E Resources Company	8. FARM OR LEASE NAME State	
3. ADDRESS OF OPERATOR 35 South 200 East, Vernal, UT 84078	9. WELL NO. 33-2-H	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2231' FEL, 1786' FSL NW/SE At proposed prod. zone	10. FIELD AND POOL, OR WILDCAT Pleasant Valley	
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T9S, R17E	
14. API NO. 43-047-31195	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5050' GR	12. COUNTY Uintah
		13. 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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>
FULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input checked="" type="checkbox"/>
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.

Operator reports the subject well was abandoned as follows:

- 5/17/90: MIRU. Flush tbg & rods w/hot water, lay down rod string, unseat tbg anchor and NU BOP's. POH 2-7/8" tbg.
- 5/18/90: RIH 2-7/8" tbg to 2000', circ hot water, POH tbg, set CIBP @ 3990' and perf circ holes @ 375'. RIH tbg to CIBP. Spot 10 sx cmt plug on CIBP. Displace hole w/8.6 ppg poz mud, lay down tbg, circulate 140 sx cmt thru holes @ 375' and fill 5 1/2 & 5 1/2 * 9-5/8 csg annulus w/cmt from 375' to surface.
- 5/19/90: Cut off csg hd and installed dry hole marker.

NOTE: Location to be restored this fall - need specifications from the Utah Division of State Lands and Forestry.

Copies: BLM-Vernal; Chorney; SGoodrich; Central Files

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

SIGNED *Mike McMan* TITLE Prod. Supt. DATE 5/23/90

OIL AND GAS	
DPN	RUF
JRB	GLH
DTS	SLS

1-TAS	DATE
2- MICROFILM	<input checked="" type="checkbox"/>
3- FILE	<input checked="" type="checkbox"/>

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR
PG&E Resources Company

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

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

At surface 2231' FEL, 1786' FSL NW/SE

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.
ML 21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
33-2-H

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T9S, R17E

14. API NO. 43-047-31195 | DATE ISSUED 4/5/82 | 12. COUNTY Uintah | 13. STATE Utah

15. DATE SPUDDED 4/25/82 | 16. DATE T.D. REACHED 5/5/82 | 17. DATE COMPL. (Ready to prod.) 6/14/82 (Plug & Abd.) | 18. ELEVATIONS (OF, BSR, RT, CR, ETC.) 5050' GR | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6150' | 21. PLUG BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL. HOW MANY | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
Plugged and Abandoned 5/18/90

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN | 27. WAS WELL CORED YES NO (Submit analysis) | DRILL STEM TEST YES NO (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5-1/2"	17	6149	7-7/8	620 sx	
9-5/8	36	324	12-1/4	To surface	

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
OIL/GAS							

31. PERFORATION RECORD (Interval, size and number)

JRO	GLH
DTC	SLS
1-TAS ✓	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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) | WELL STATUS (Producing or shut-in)

0 MICROFILM ✓

SIZE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3 FILE							

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 Mike McManis TITLE Production Supt. DATE 5/23/90

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on 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) 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.		38. GEOLOGIC MARKERS	
Formation	Top	Bottom	Description, contents, etc.
			Name
			Meas. Depth True Vert. Depth

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: PGE Resources COMPANY MAN: Randy Miller
 WELL NAME: State 33-2H API #: 43-047-31195
 QTR/QTR: NW/SE SECTION: 2 TWP: 9S RANGE: 17E
 CONTRACTOR: Western Oil Well Serv. PUSHER/DRLR: Bob Houston
 INSPECTOR: Jim Thompson DATE: 5-17-90 OPERATIONS: Plugging
 SPUD DATE: _____ TOTAL DEPTH: _____

DRILLING AND COMPLETIONS

____ APD ____ WELL SIGN ____ BOPE ____ RESERVE PIT
 ____ FLARE PIT ____ BURN PIT ____ H2S ____ BLOOIE LINE
 ____ SANITATION ____ HOUSEKEEPING ____ VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): _____

PLUGS:	TYPE/SIZE	INTERVAL
	<u>Set CIBP @ 3990'</u>	<u>Pressure test to 2000' PSI.</u>
	<u>Set 10 sec plug on CIBP.</u>	_____
	<u>RIH Perf zone shot</u>	<u>4 holes per foot.</u>
	<u>pumped cement to</u>	<u>surface.</u>
	_____	_____

PERFORATIONS: _____

CASING SIZE: _____ PULLED: YES / NO CUT AT: _____

PLUGS TESTED: _____ HOW: _____ WOC: _____

MARKER: _____ SURFACE: _____ PLATE: _____

RECLAMATION:

CONTOURED: _____ RIPPED: _____ REHAB'D: _____

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Still need to cut off well head and set marker.
Remove equipment and re contour location. PGE will
Contact State Lands for seed mix.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: PG&E RESOURCES COMPANY LEASE: ML-21843
WELL NAME: NGC 33-2H STATE API: 43-047-31195
SEC/TWP/RNG: 02 09.0 S 17.0 E CONTRACTOR:
COUNTY: UINTAH FIELD NAME: 8 MILE FLAT NORTH

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN _ / TA _:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

Y MARKER	N HOUSEKEEPING	N REHAB	- OTHER
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PRODUCTION:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- FACILITIES *
- METERING *	- POLLUTION CNTL	- PITS	- DISPOSAL
- SECURITY	- SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	- SOLD	- LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOCATION, P&A MARKER, PUMP JACK W/O HORSEHEAD, PROPANE TANK, PRODUCTION BATTERY
, EMERGENCY PIT X2

REMARKS:

PA - PITS FENCED, BERMED AND OILY, TANKS SEALED

ACTION:

WILL DO REHAB CHECK IN 1991

INSPECTOR: CAROL KUBLY

DATE: 06/25/90

December 4, 1990

RECEIVED
 DEC 06 1990



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

DIVISION OF
 OIL, GAS & MINING

Re: Annual Stabilized Production Tests

Gentlemen:

Listed below are the results of the annual stabilized production tests for all wells venting gas.

<u>Well</u>	<u>Location</u>	<u>Date</u>	<u>MCFD</u>	<u>Remarks</u>
43-047-31355-Glen Bench 13-20	20-8S-22E	11/90	20	Sold 12/1/90
43-047-31433-Glen Bench 31-20	20-8S-22E	11/90	14	Sold 12/1/90
43-047-31195-State 33-2-H	2-9S-17E	not tested		P&A 5/18/90
43-013-30616-State 11-16	16-9S-17E	not tested		P&A 5/22/90
43-013-30656-Federal 13-9-H	9-9S-17E	9/90	6	
43-013-30682-Federal 24-9-H	9-9S-17E	10/90	0	
43-013-30614-Federal 21-15-H	15-9S-17E	9/90	13	
43-013-30681-Federal 24-15-H	15-9S-17E	9/90	0	
43-013-30680-Federal 12-8-H	8-9S-17E	10/90	7	
43-013-30601-Federal 41-30	30-9S-17E	9/90	0	
43-047-31175-Federal 32-29-I	29-9S-18E	9/90	15	
43-047-31200-Federal 33-18-J	18-9S-19E	9/90	0	

If additional information is needed, please contact the Vernal office at 801-789-4573.

Sincerely,

Mike McMican

Michael L. McMican
 Production Superintendent

MLM/kh

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: PG&E RESOURCES COMPANY LEASE: ML-21843
WELL NAME: NGC 33-2H STATE API: 43-047-31195
SEC/TWP/RNG: 02 09.0 S 17.0 E CONTRACTOR:
COUNTY: Uintah FIELD NAME: 8 MILE FLAT NORTH

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLLUTION CNTL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN _ / TA _:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT *	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> Y MARKER	<input type="checkbox"/> Y HOUSEKEEPING	<input type="checkbox"/> Y REHAB	<input type="checkbox"/> OTHER
-----------------------------------	---	----------------------------------	--------------------------------

PRODUCTION:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT *	<input type="checkbox"/> FACILITIES *
<input type="checkbox"/> METERING *	<input type="checkbox"/> POLLUTION CNTL	<input type="checkbox"/> PITS	<input type="checkbox"/> DISPOSAL
<input type="checkbox"/> SECURITY	<input type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> SOLD	<input type="checkbox"/> LEASE USE
--	-------------------------------	------------------------------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:
LOCATION, P&A MARKER

REMARKS:

PA - LOCATION AND ACCESS ROAD HAS BEEN CONTOURED AND RIPPED - OK. NO FURTHER INSPECTION NECESSARY. SOME BLACK CRUDE AROUND COVERED PITS.

ACTION:

INSPECTOR: CAROL KUBLY

DATE: 03/06/91

INSPECTOR: JB DATE ASSIGNED: 900517
 DATE COMPLETE: 910306

DEADLINE: 901017

PA

OPERATOR : N0595 : PG&E RESOURCES COMPANY
WELL NAME: NGC 33-2H STATE
S: 02 T: 9.0 S R: 17.0 E
COUNTY: UINTAH

LEASE: ML-21843
API : 43-047-31195

FIELD: 590 : 8 MILE FLAT NORTH

ACTION TYPE: FOLLOW*UP***

ACTION REQUIRED:

RECHECK*LOCATION*FOR*COMPLETION*OF*RECLAMATION.*****

ACTION TAKEN:

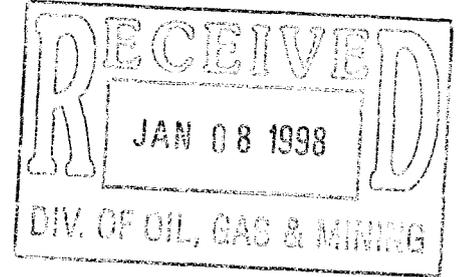
PER*INSPECTION*BY*JLB-3/6/91-RECLAMATION*HAS*BEEN*COMPLETED.*****

PF KEYS: (1) NO UPDT (9) WELL DATA (12) DELETE (16) EXIT



January 5, 1998

State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801



ATTENTION: Mike Hebertson

**RE: Castle Draw #10-2R-9-17
NW/SE Sec. 2, T9S, R17E
Uintah County, Utah
API No. 43-047-31195**

Dear Mr. Hebertson,

Enclosed is the original and two copies of the Application For Permit To Drill (Re-Entry), for the above referenced location.

Please contact me in the Vernal Branch office at (801) 789-1866, to schedule an onsite for this location.

If additional information is needed, please do not hesitate to contact me.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
#10-2R-9-17

10. FIELD AND POOL OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Sec. 2, T9S, R17E

12. County
Uintah

13. STATE
UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** **DEEPEN** **RE-ENTRY**

1b. TYPE OF WELL

OIL GAS OTHER **SINGLE ZONE** **MULTIPLE ZONE**

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS AND TELEPHONE NUMBER:
P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866

4. LOCATION OF WELL (FOOTAGE)
 At Surface **NW/SE**
 At proposed Producing Zone **2231' FEL & 1786' FSL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11 Miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1786'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
6500'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5050' GR

22. APPROX. DATE WORK WILL START*
1st Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36#	324'	To Surface
7 7/8	5 1/2	17#	6149'	620 sx in place

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data o subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

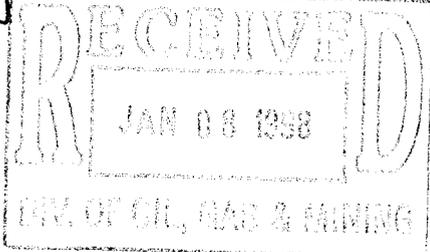
**Inland Production Company is proposing to enter the existing wellbore of the NGC 33-2H State well as follows:
 Drill out existing plugs and remaining CIBP @ 3990'; existing plugs 50' plug from 50' to surface, 100' cement plug
 across csg shoe from 275'-375', 50' cement plug CIBP @ 3990'**

Inland is requesting that the State #33-2-H well, API # 43-047-31195, be renamed the Castle Draw #10-2R-9-17.

24. Name & Signature: *Cheryl Cameron* Title: **Regulatory Compliance Specialist** Date: **12/23/97**

(This space for State use only)

API Number Assigned: 43-047-31195 APPROVAL: *John R. Boya* **2/26/98**



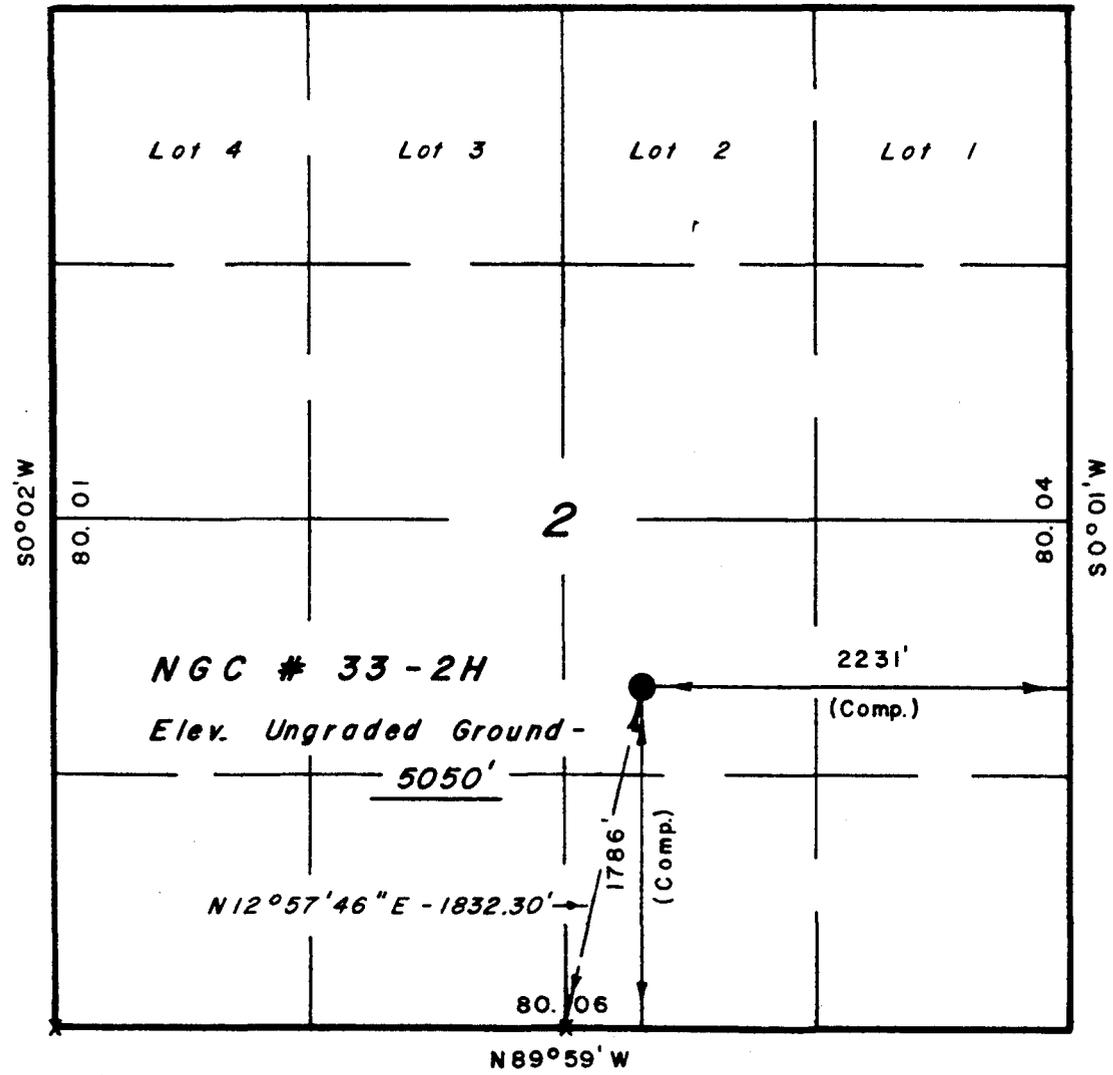
*See Instructions On Reverse Side

T 9 S, R 17 E, S.L.B.&M.

PROJECT
NATURAL GAS CORP. OF CALIF.

Well location, *NGC # 33-2H*,
 located as shown in the NW1/4 SEV4
 Section 2, T 9 S, R 17 E, S.L.B.&M. Uintah
 County, Utah.

CASTLE DRAW #10-2R-9-17



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.

Lawrence J. Taylor

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 3/22/82
PARTY R.K. B.K. S.B.	REFERENCES GLO Plat
WEATHER Fair	FILE NATURAL GAS CORP.

X = Section Corners Located

**INLAND PRODUCTION COMPANY
CASTLE DRAW #10-2R-9-17
NW/SE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - Oil

4. EXISTING CASING

9 5/8" K-55 36# existing csg @ 324'
5 1/2" K-55 17# existing csg @ 6149'

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 6" 3000# BOP will be utilized. See Exhibit "E".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The existing plugs will be drilled out with 2% KCL water.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

A TIW valve with 8rd threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

Existing logs will be used. It is anticipated at this time that no new logs are to be run.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the workover operations will commence the first quarter of 1998, and take approximately four days to re-complete.

**INLAND PRODUCTION COMPANY
CASTLE DRAW #10-2R-9-17
NW/SE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Castle Draw #10-2R-9-17 located in the NW 1/4 SE 1/4 Section 2, T9S, R17E, S.L.B. & M. Uintah County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and the Sand Wash Road; proceed southerly along this road – 9.9 miles to its junction with an existing dirt road to the east; proceed easterly 2.5 miles to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the workover and production phase will be maintained at the standards required by the State of Utah or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 0.9 miles of new access road is proposed.
See Topographic Map "B".

The proposed access road will be upgraded with an 18" crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of the workover/completion of the Castle Draw #10-2R-9-17, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S,R16E), or the Castle Draw injection station. See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

A small temporary reserve pit size will be determined at the time of onsite.

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small pit will be constructed from native soil to hold cuttings from cement plugs. The pit will be promptly reclaimed after operations are completed.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The temporary pit will be located on the east between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the east corner between stakes 5 & 6.

Access to the well pad will be from the north between stakes 2 & 3.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on four (4) sides during re-completion operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the workover phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per State of Utah specifications. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP – State of Utah

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Workover rigs and/or equipment used during workover operations on this well site will not be stacked or stored on State Lands after the conclusion of workover operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the workover operations of the Castle Draw #10-2R-9-17 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the workover operations of the Castle Draw #10-2R-9-17, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and workover activities.

Inland Production Company or a contractor employed by Inland Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the workover rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

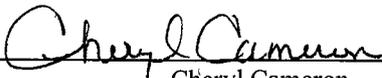
Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (801) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #10-2R-9-17 NW/SE Section 2, Township 9S, Range 17E: Lease #ML-21843 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that I, or persons under my direct supervision have inspected the proposed workover site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

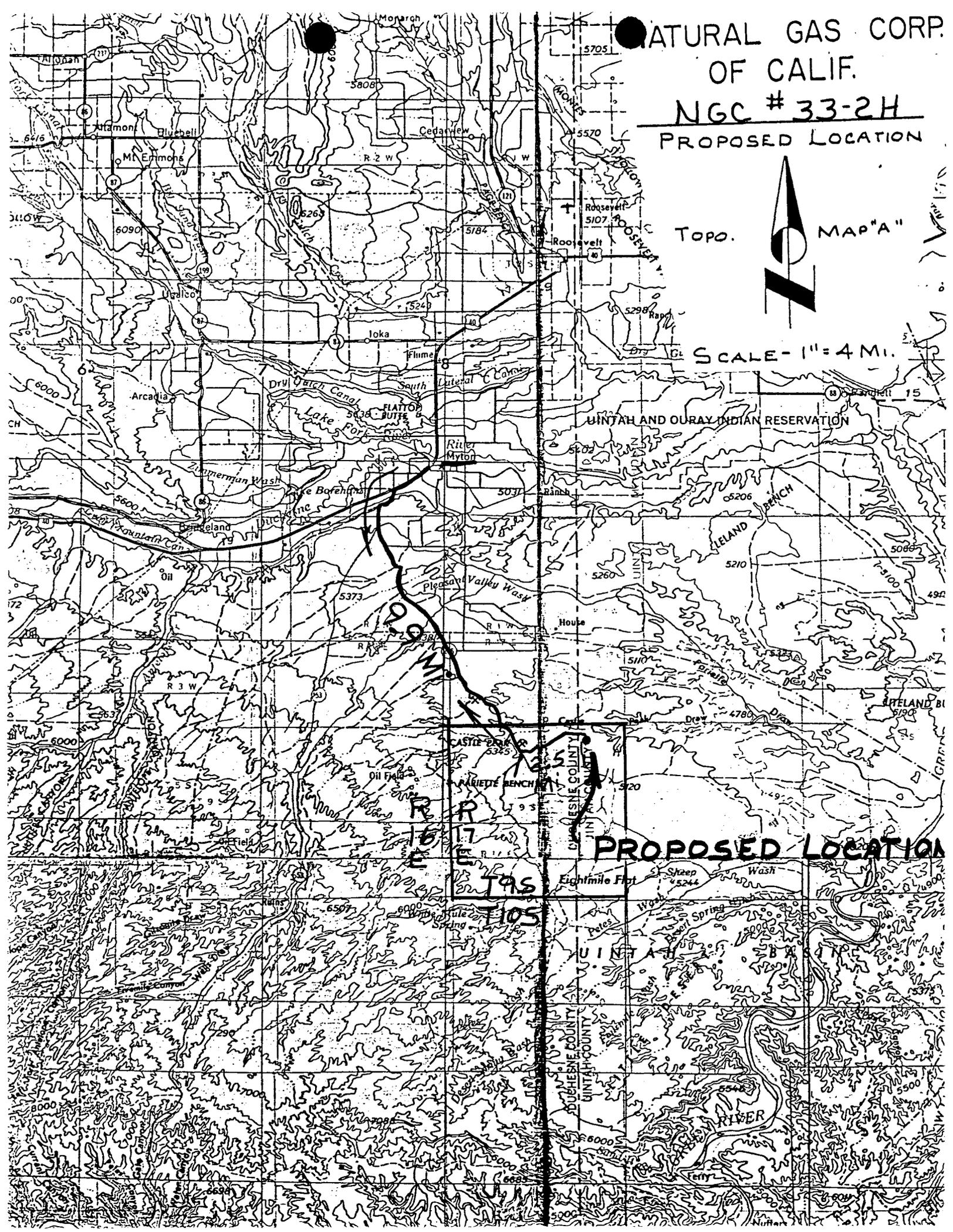
12/23/97
Date


Cheryl Cameron
Regulatory Compliance Specialist

NATURAL GAS CORP.
OF CALIF.
NGC # 33-2H
PROPOSED LOCATION



SCALE - 1" = 4 MI.



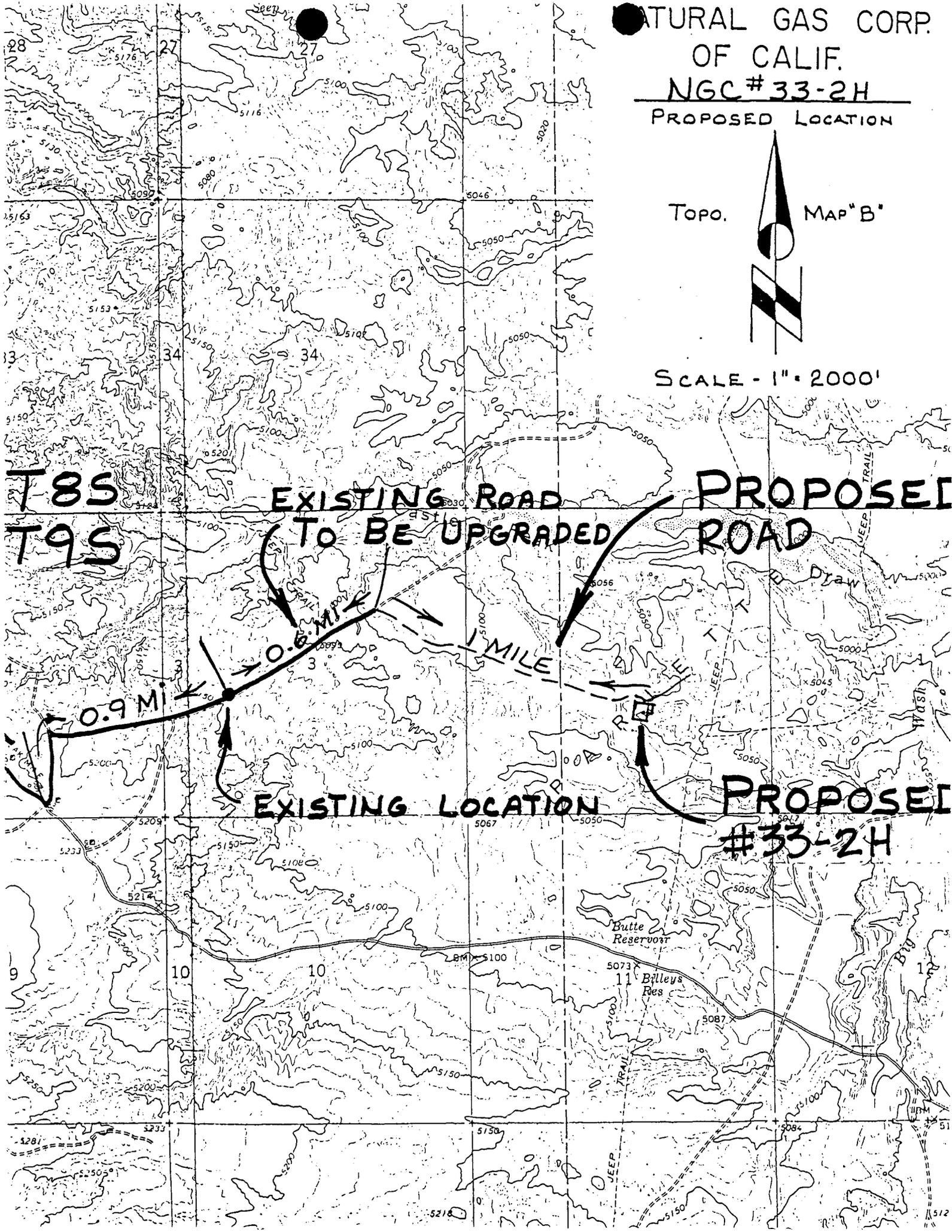
PROPOSED LOCATION

NATURAL GAS CORP.
OF CALIF.
NGC # 33-2H
PROPOSED LOCATION



TOPO. MAP "B"

SCALE - 1" = 2000'



T8S
T9S

**EXISTING ROAD
TO BE UPGRADED**

**PROPOSED
ROAD**

0.9 MI

0.6 MI

1 MILE

EXISTING LOCATION

**PROPOSED
#33-2H**

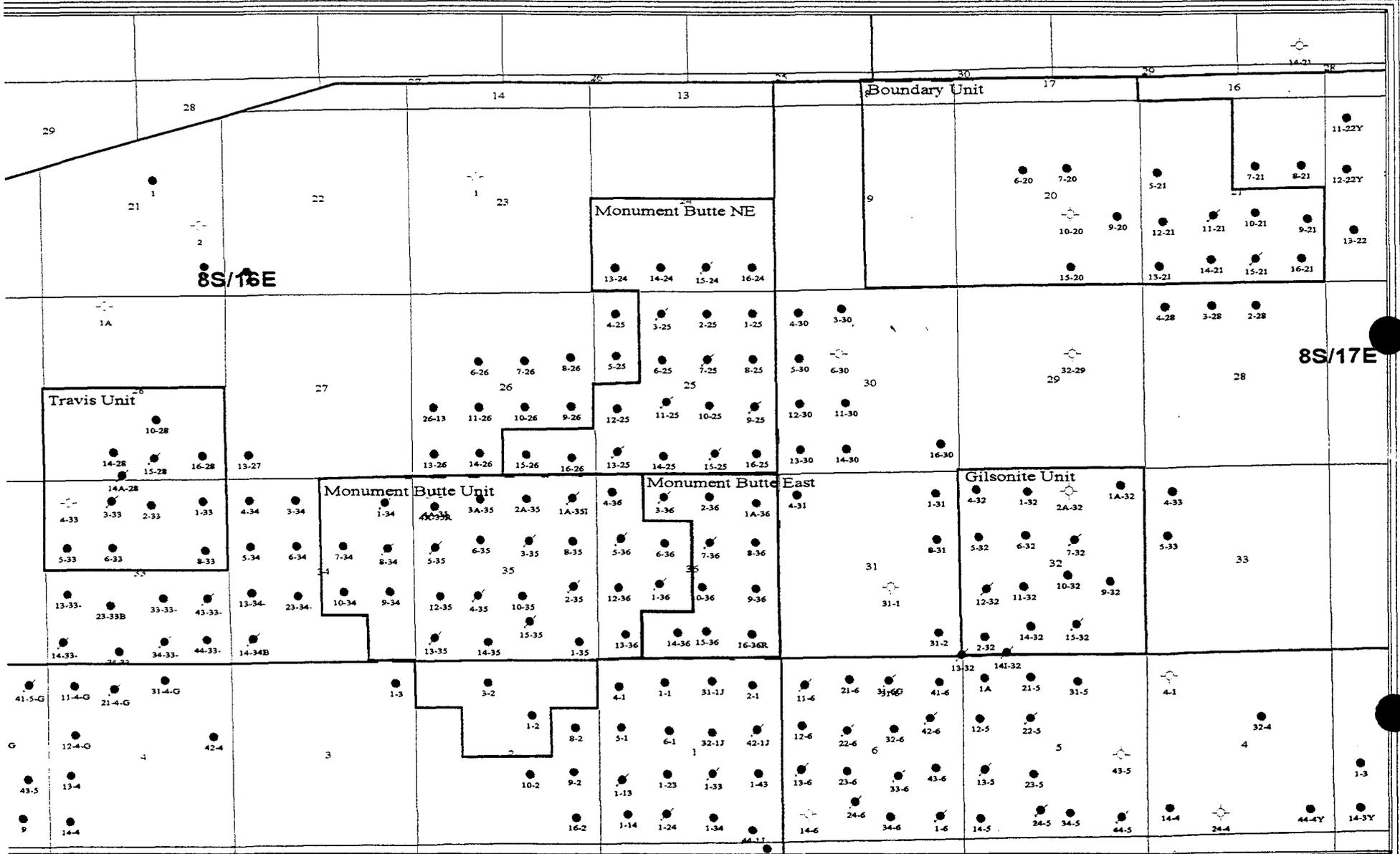
Butte Reservoir

11 Balleys Res

12

512

EXHIBIT "C"





17E

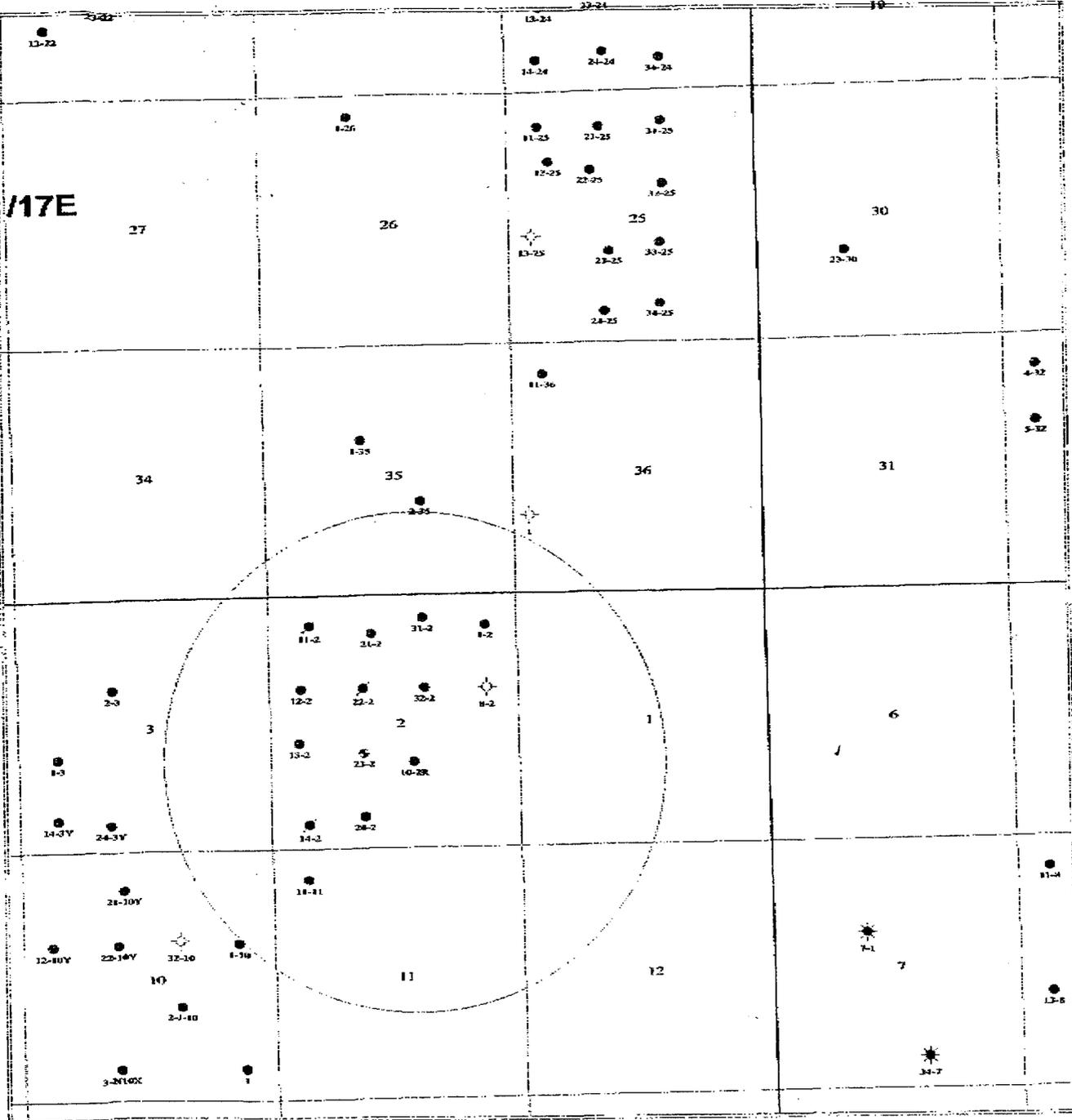
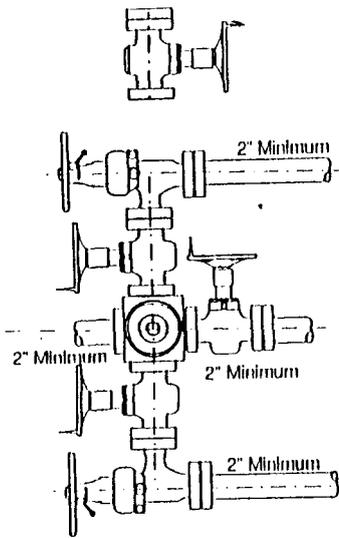
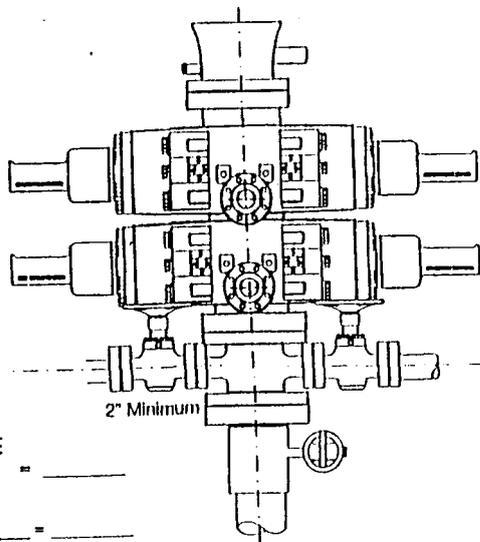


EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Castle Draw 10-2R		
Page No. 10	Scale: 1/2" = 100' 1/2"	12/25/87

RAM TYPE O.O.P.
 Make:
 Size:
 Model:

2-M SYSTEM



GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____ Gal.
 _____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/08/98

API NO. ASSIGNED: 43-047-31195

WELL NAME: CASTLE DRAW 10-2R (REENTRY)
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
NWSE 02 - T09S - R17E
SURFACE: 2231-FEL-1786-FSL
BOTTOM: 2231-FEL-1786-FSL
UINTAH COUNTY
EIGHT MILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: 02/01/98

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: STA
LEASE NUMBER: ML - 21843

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
(Number 4111291)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number UT 51118)
- RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

- R649-2-3. Unit: _____
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: *Re-entry of PA well - casing ~~is~~ already set, no geology/ground water review is necessary.*

STIPULATIONS: *1. Statement of Basis*



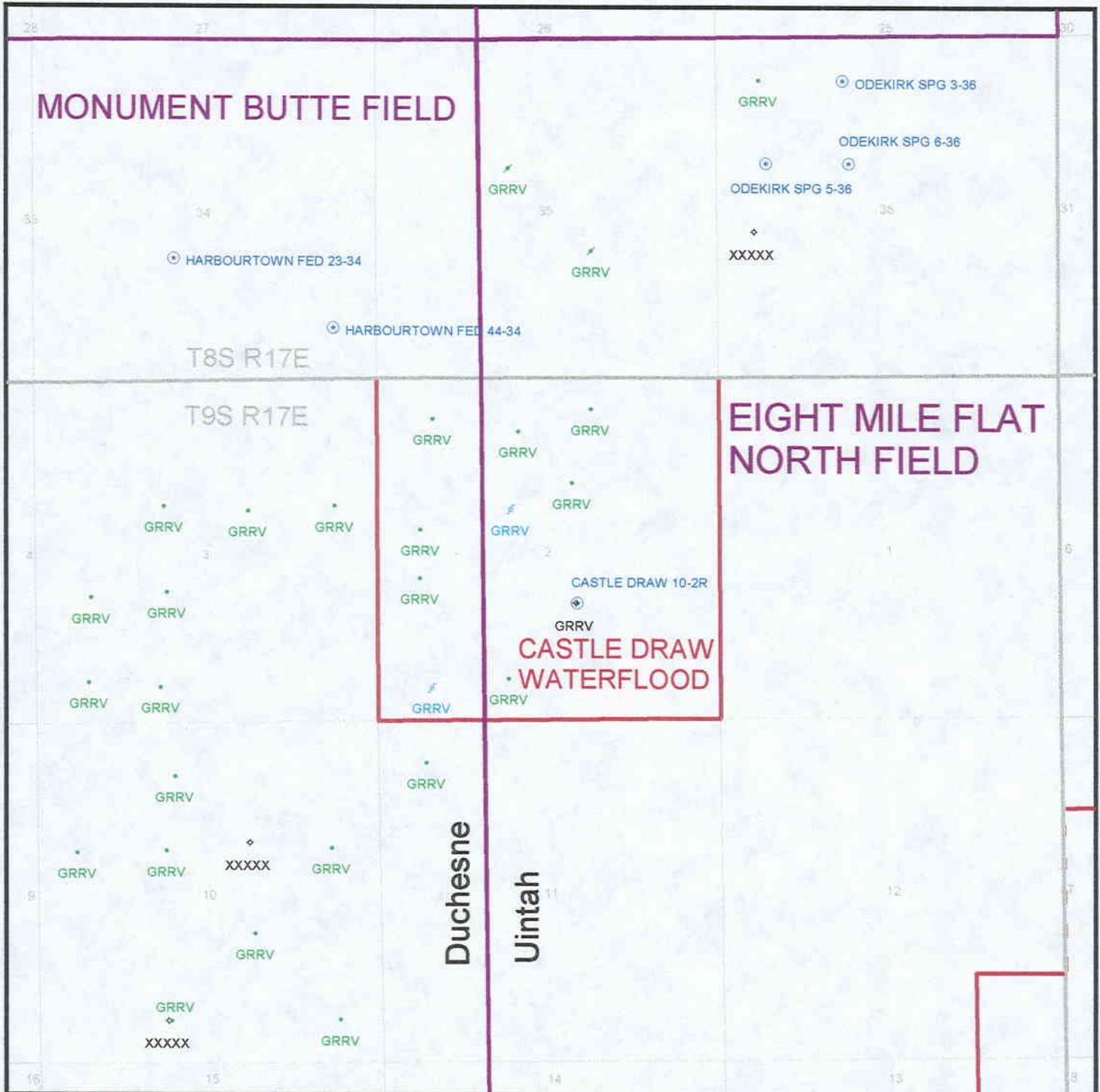
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

FIELD: EIGHT MILE FLAT NORTH (590)

SEC. TWP. RNG.: SEC 2, T9S, R17E

COUNTY: UINTAH UAC: R649-3-3



DATE PREPARED:
12-JAN-1998

DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator: INLAND PRODUCTION COMPANY

Well Name & Number: CASTLE DRAW 10-2R

API Number: 43-047-31195

Location: 1/4,1/4 NE/SE Sec. 2 T. 9S R. 17E

Surface:

THIS SITE IS CURRENTLY A PLUGGED WELL ON A RECLAIMED LOCATION. MONUMENT HAS INSCRIBED "P.V. 33-2 H. 2231 FEL. 1786 FSL. NW/SW. P.G.&E. RESOURCES." THIS SITE IS IN A SHALLOW BASIN SURROUNDED BY LOW HILLS WITH THE DRAINAGE TO THE EAST. THIS REENTRY WILL REQUIRE ONLY A PARTIAL REGRADING OF THE ORIGINAL LOCATION AND THE CONSTRUCTION OF A NEW RESERVE PIT. NO PIT LINER WILL BE REQUIRED. RECLAIMED LOCATION IS LARGER THAN INLAND LOCATION WILL BE, SO RE-SURVEYING SITE WON'T BE NECESSARY. PICTURES OF SITE WILL BE PLACED ON FILE. A FORMAL PRE-SITE WAS NOT CONDUCTED. ACCESS ROAD WILL BE APPROX. 0.2 MILES AND WILL ORIGINATE AT THE MONUMENT STATE 23-2 WHICH IS IN NE/SW OF SEC. 2. T9S. R17E.

Reviewer: DAVID W. HACKFORD

Date 1/27/98

Conditions of Approval/Application for Permit to Drill:

1. LOCATION SHALL NOT BE LARGER THAN LOCATIONS CURRENTLY BEING PERMITTED BY D.O.G.M. OF THE STATE OF UTAH FOR INLAND PRODUCTION COMPANY IN THIS FIELD.

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200		
75 to 100	5	
25 to 75	10	5
<25 or recharge area	15	
	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	0
< 100	20	
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	0
<500	20	
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	0
<300	20	
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	0
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	0
Salt or detrimental	10	
Annual Precipitation (inches)		
<10	0	
10 to 20	5	0
>20	10	
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	0
>50	10	
Presence of Nearby Utility Conduits		
Not Present		
Unknown	0	
Present	10	0
	15	

Final Score 10



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 26, 1998

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

Re: Castle Draw 10-2R-9-17 Well, 1786' FSL, 2231' FEL, NW SE,
Sec. 2, T. 9 S., R. 17 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-31195.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number: Castle Draw 10-2R-9-17
API Number: 43-047-31195
Lease: ML-21843
Location: NW SE Sec. 2 T. 9 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

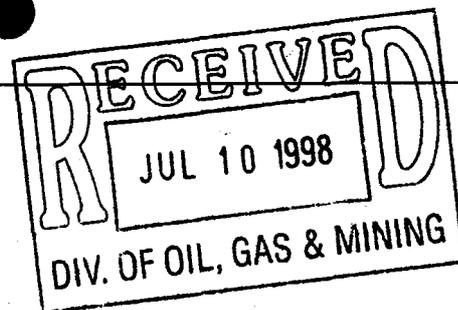
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated January 27, 1998 (copy attached).



July 2, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Castle Draw #10-2R-9-17
Monument Butte Field, Castle Draw Unit, Lease #ML-21843
Section 2-Township 9S-Range 17E
Uintah County, Utah

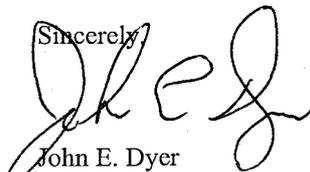
Dear Mr. Jarvis:

Inland Production Company herein requests approval to re-enter and complete the Castle Draw #10-2R-9-17 as a water injection well in the Monument Butte (Green River) Field, Castle Draw Unit.

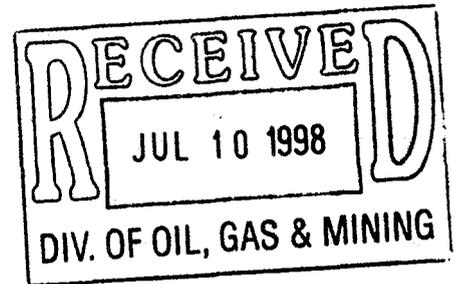
Please be advised that the water analysis provided in this application is from a nearby well within the unit, the Castle Draw #31-2.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4434.

Sincerely,



John E. Dyer
Chief Operating Officer



INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
CASTLE DRAW UNIT
CASTLE DRAW #10-2R-9-17
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #ML-21843
JULY 2, 1998

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

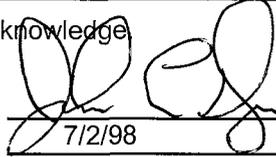
Well Name and number: Castle Draw #10-2R-9-17
Field or Unit name: Monument Butte (Green River) Castle Draw Unit Lease No. ML-21843
Well Location: QQ NWSE section 2 township 9S range 17E county Uintah

Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [X] No []
Date of test: 9/9/85
API number: 43-047-31195

Proposed injection interval: from 4085' to 5210'
Proposed maximum injectic n: rate 500 bpd pressure 1993 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Exhibits "A" through "G"

I certify that this report is true and complete to the best of my knowledge
Name: John E. Dyer Signature 
Title Chief Operating Officer Date 7/2/98
Phone No. (303) 292-0900

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



CASTLE DRAW #10-2R-9-17
 NW SE Section 2-T9S-R17E
 Lease #ML-21843
 Monument Butte Field
 Castle Draw Unit
 Uintah County, Utah

Elev. - 5050' GR
 KB - 5057' KB (10')

PROPOSED INJECTION COMPLETION
 WELLBORE DIAGRAM

SURFACE CASING

SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 261.25' (6 jts)
 DEPTH LANDED: 290' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: N-80
 WEIGHT: 17#
 LENGTH: 5779.79' (138 jts)
 DEPTH LANDED: 6149'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 620 sx
 CEMENT TOP AT: 3570' *CBL*

TUBING RECORD

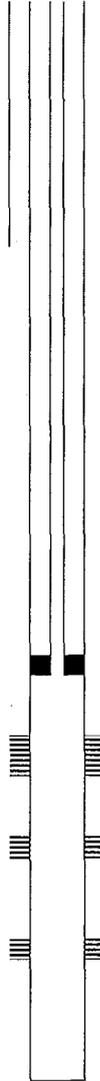
KB: 10'
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 153 jnts @ 4035"
 SEAT NIPPLE : 2-7/8" X 1.10'
 CROSS OVER: 2-7/8" X 2-3/8" @ 0.42'
 SN @ 4813.55' KB
 RET CSG PACKER 2-3/8" X 6.20'
 MODEL : Arrow Set-1
 PACKER LANDED @ 4035'

FRAC JOB

Date Unknown	5178'-5210'	41,100 gal Versagel, 94,000# sand
Date Unknown	4790'-4797'	24,660 gal Versagel, 56,000# sand
Date Unknown	4085'-4171'	28,630 gal Versagel, 88,000# sand

Will re-frac perms upon re-entry

290' KB



TD @ 6150' KB

Perforation Record

5178'-5210'	65 shots
4790'-4797'	22 shots
4161'-4171'	7 shots
4085'-4093'	7 shots

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down, move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 **The name and address of the operator of the project.**

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

- 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A

- 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to re-enter and complete the Castle Draw #10-2R-9-17 as a water injection well in the Monument Butte (Green River) Field, Castle Draw Unit.

A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

- 2.4 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Castle Draw #10-2R-9-17 well, the proposed injection zone is from 4085'-5210'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4085'.

- 2.5 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Castle Draw #10-2R-9-17 is on file with the Utah Division of Oil, Gas and Mining.

- 2.6 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.7 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.8 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.9 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #ML-21843), in the Monument Butte (Green River) Field, Castle Draw Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 9-5/8", 36#, K-55 surface casing run to 290' GL, and the 5-1/2" casing run from surface to 6149' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1993 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The fracture gradient for the Castle Draw #10-2R-9-17 for proposed zones (4085'-5210') calculates at .82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1993 psig. See Attachment G through G-3.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Castle Draw #10-2R-9-17, the injection zone (4085'-5210') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-6.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

Attachment A

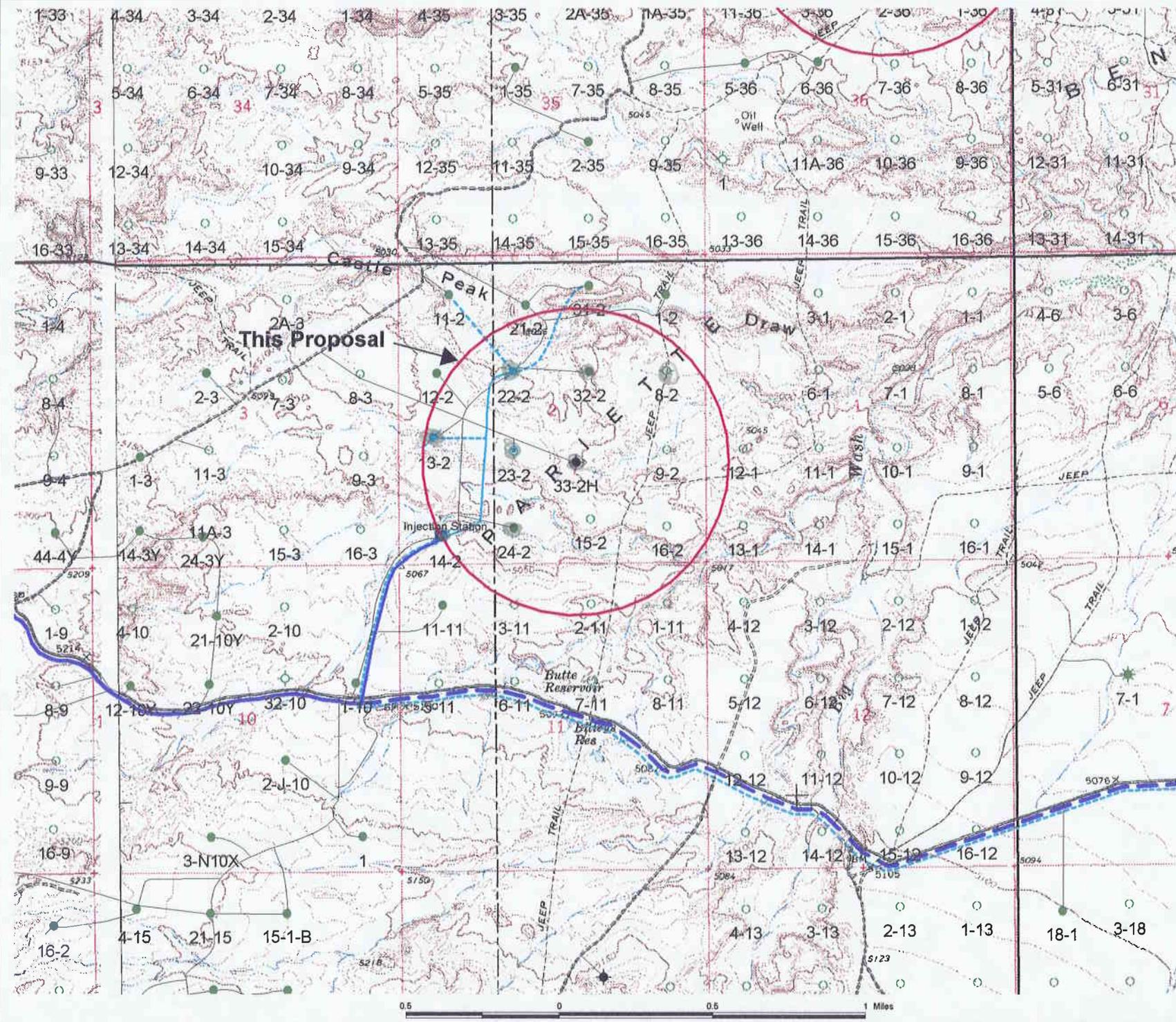


Exhibit "A"



- Legend**
- INJ
 - OIL
 - ⊙ GAS
 - ⊛ O&G
 - ◇ DRY
 - ⊙ SHUTIN
 - ⊙ LOC
 - Proposed Water 6"
 - Water 6"
 - Water 4"
 - Water 2-3"
 - Proposed Water

Inland
 An LP Gas Sales and
 Service Company
 1922
 Front Street, Durango, CO 81301

UENTA BASIN
 Durango & Uenta Counties, Utah

Scale: 1:10000 MAP

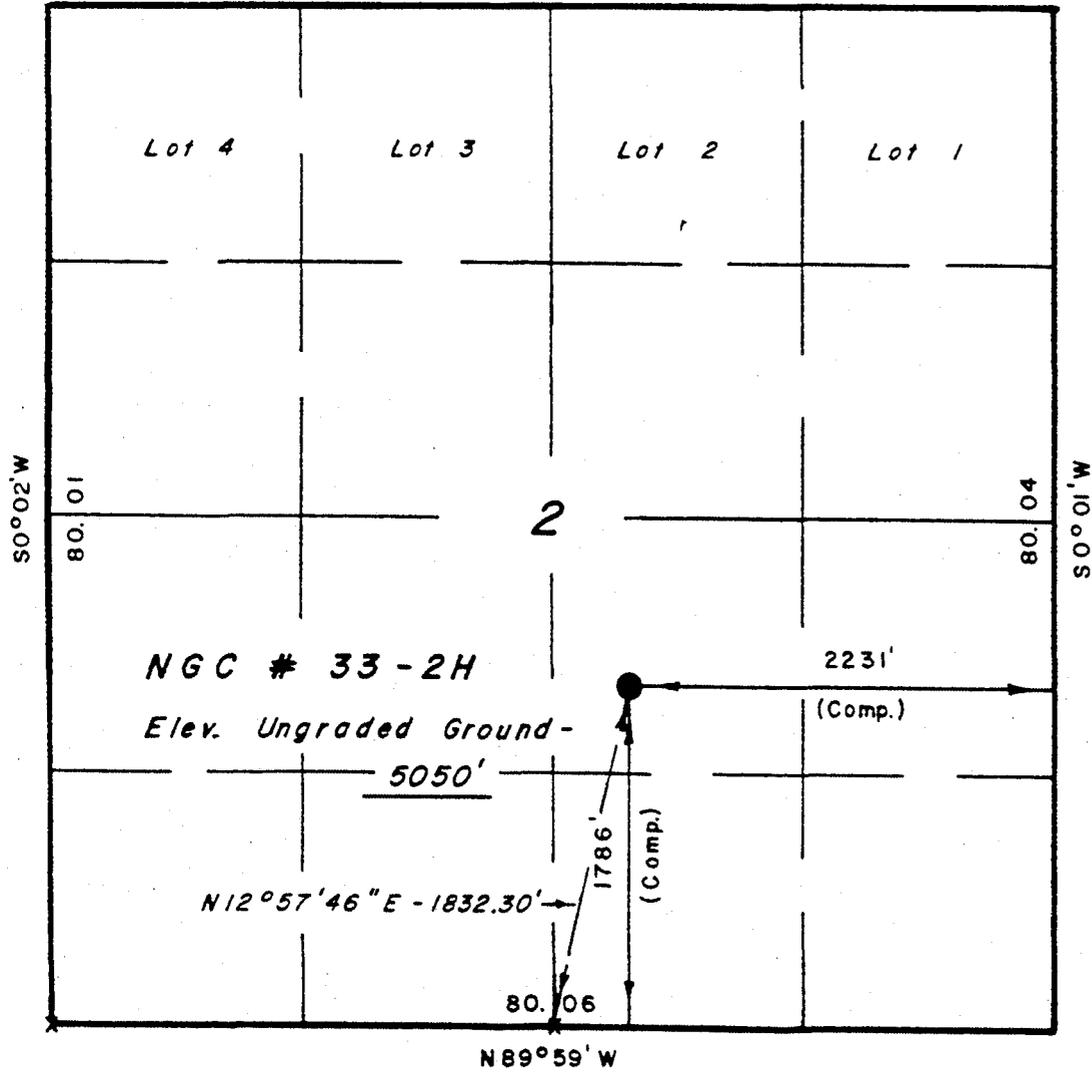
0.5 0 0.5 1 Miles

T 9 S, R 17 E, S.L.B.&M.

PROJECT
NATURAL GAS CORP. OF CALIF.

Well location, *NGC # 33-2H*, located as shown in the NW1/4 SEV4 Section 2, T9S, R17E, S.L.B.&M. Uintah County, Utah.

CASTLE DRAW #10-2R-9-17



X = Section Corners Located



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.

Lawrence A. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	3/22/82
PARTY	R.K. B.K. S.B.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	NATURAL GAS CORP.

Attachment A-1

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South Range 17 East Section 2: All	ML-45555 4/02	Inland Production Company	(Surface Rights) St. of Utah
2	Township 9 South, Range 17 East Section 1: Lots 1-3, S/2NE, SE/4NW/4 N/2S/2 Section 4: SE/4SE/4 Section 25: NE/4SW/4	UTU-65967 HBP	Inland Production Company Yates Petroleum Company ABO petroleum Corporation Yates Drilling Company MYCO Industries	(Surface Rights) USA
3	Township 9 South, Range 17 East Section 1: Lot 4, SW/4NW/4	U-74871 11/05	Wildrose Resources Corporation	(Surface Rights) USA

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	Township 9 South, Range 17 East Section 1: S/2S/2 Section 14: S/2NE/4, S/2 Section 23: E/2	U-64806 HBP	Inland Production Company Yates Petroleum Corporation ABO Petroleum Corporation Yates Drilling Company MYCO Industries	(Surface Rights) USA
5	Township 9 South, Range 17 East Section 10: W/2NE/4 Section 11: N/2 Section 24: All Section 31: SE/4SE/4	U-65210 HBP	Inland Production Company Yates Petroleum Corporation ABO Petroleum Corporation Yates Drilling Company MYCO Industries	(Surface Rights) USA

Attachment B
(Pg 2 of 2)

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Castle Draw #10-2R-9-17

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 

Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 2nd day of July, 1998.

Notary Public in and for the State of Colorado: Patsy A. Barreau



My Commission Expires 11/14/2000



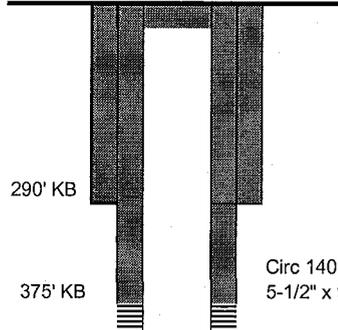
NGC #33-2-H
Pleasant Valley
State ML-21843
NW NW Section 2, T9S, R17E
2231 FEL and 1786 FSL
Uintah County, Utah
API #43-047-31195

Elev.GR - 5044' GL
Elev.KB - 5054' KB (10' KB)

WELLBORE DIAGRAM

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 290'
DEPTH LANDED: 290'
HOLE SIZE: 12-1/4"
CEMENT DATA:



Circ 140 sx cement thru holes @ 375' and fill 5-1/2" & 5-1/2" x 9-5/8" csg annulus w/cmt from 375' to surface

PRODUCTION CASING

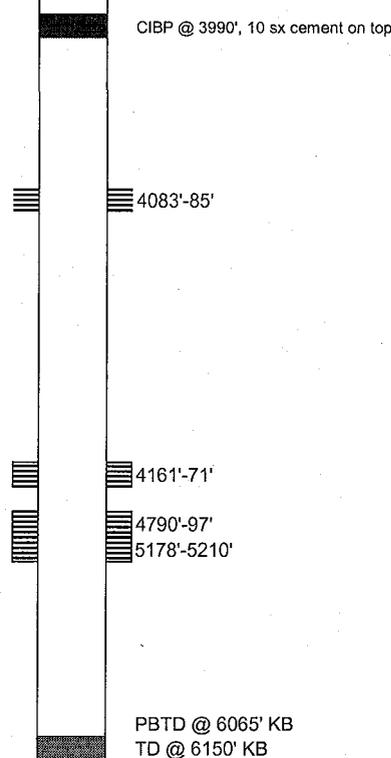
CSG SIZE: 5-1/2"
GRADE: N-80
WEIGHT: 17#
LENGTH: 5429'
DEPTH LANDED: 6149'
HOLE SIZE: 7-7/8"
CEMENT DATA: 620 sxs

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
SEATING NIPPLE:
ARROW SET 1 PACKER:
PACKER LANDED AT:

PACKER FLUID:



CIBP @ 3990', 10 sx cement on top

4083'-85'

4161'-71'

4790'-97'

5178'-5210'

PBTD @ 6065' KB
TD @ 6150' KB



Elev. - 5077' GL
 KB - 5087' KB (10')

PROPOSED INJECTION DIAGRAM

DATE : 1/31/97 DZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 259.85' (6 jts)
 DEPTH LANDED: 269.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4 #/sk celloseal

PRODUCTION CASING

270' KB

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5790.4' (129 jts)
 DEPTH LANDED: 5799.4' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 283 sxs super class "G" + (47 # "G" +
 17#CSE+1/4# celloseal+2# HiSeal +
 20# Poz)/sk + 3% salt + 2% gel
 Tail w/ 340 sxs 50-50 POZ + 2% gel +
 (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1238' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 134 jts (4127.87')
 TUBING ANCHOR: trico 2.35' @ 4139.22'KB
 NO. OF JOINTS: 25 jts (768.25')
 SEATING NIPPLE: 1.1' @ 4907.47'KB
 PERF. SUB: 4.2
 MUD ANCHOR: 1 jt - 30.82' w/ NC
 STRING LENGTH: 4933.59'
 SN at: 4907.47' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 6' Pony
 195 - 3/4" x 25' D-61 Plain

TOTAL STRING LENGTH: 4903'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RHAC
 w/ SM plunger TRICO #1185

ACID JOB / BREAKDOWN JOB

3/6/95 Western 4856'-4873' : 2814 gal 2% KCl wtr
 w/ 100 balls. no ball off but ball action
 ATR-5.3 bpm, ATP-2400, ISIP-1450

3/9/95 Western 4166'-4197' : 3087 gal 2% KCl wtr,
 w/ 160 balls. No ball off, but action seen.
 ATR-6.0 bpm, ATP-2600, ISIP-1700

FRAC JOB

3/7/95 Western 4856'-4873' : 3000gal 2% KCl pad, 18,438 gal
 2% KCl w/ 64,000# 16/30 sand. Flush w/
 4998 gal 2% KCl wtr. ISIP-2300
 ATP-2400, ATR-30.4 bpm, 5min-1880, 10min-
 1600, 15min-1560, 30min-1370.

3/10/95 Western 4166'-4197' : 4400gal 2% KCl pad, 94,760#
 16/30 sand w/ 26,418 gal 2% KCl wtr. Flush w/
 4074gal 2% KCl. ATR-31.5bpm, ATP-2350,
 ISIP-2300, 5min-2100, 10min-1980, 15min-1800,
 30min-1380

PERFORATION RECORD

3/6/95 Schlumberger 4856' - 4860' 4 SPF 4 ft 16 holes
 4864' - 4873' 4 SPF 9 ft 36 holes

3/9/95 Schlumberger 4166'-4174' 4 SPF 8 ft 32 holes
 4176'-4186' 4 SPF 10 ft 40 holes
 4195'-4197' 4 SPF 2 ft 8 holes

Packer set at 4116'

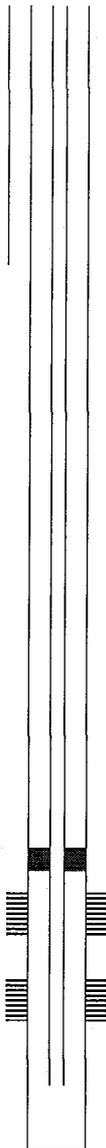
4166'-74' & 4176'-86'
 4195'-97'

4856'-60'
 4864'-73'

S.N. @ 4910' KB

EOT - 4935' KB

PBTD @ 5754' KB
 TD @ 5850' KB





INJECTION WELL COMPLETION DIAGRAM

Elev. - 5066' GL
 KB - 5076' KB (10')

DATE : 8/16/96 JZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 266.30' (6 jts)
 DEPTH LANDED: 276.3' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

276.3' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5762.35' (135 jts)
 DEPTH LANDED: 5771.35' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 370 sxs super class "G" + (47#G + 20#Ron A +
 17# CSE)/sk +3%salt + 2%gel +1/4 #/sk celloseal,
 tail w/ 242 sk 50-50 POZ + 2%gel + 1/4 #/sk
 celloseal + 2 #/sk HiSeal 2
 CEMENT TOP AT: 860' KB

TUBING RECORD

KB: 10'
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 128 jnts @ 4025.09'
 SEAT NIPPLE : 2-7/8" X 1.10'
 CROSS OVER: 2-7/8" X 2-3/8" @ 0.37'
 SEAT NIPPLE LANDED @ 4036.15' KB
 RETRIEVABLE CSG PACKER 2-3/8" X 6.20'
 MODEL : Arrow Set-1
 PACKER LANDED @ 4042.76' KB

Set packer w/ 18" tension
 Pumped 55 gals Champion Cortron-2383 packer fluid mixed w/ 90 STB KCl wtr.

Ran MIT on 7/30/96, pressure csg annulus to 1225 psig.
 Test witnessed & passed by Dan Jarvis (Utah OG&M).

PERFORATION RECORD

8/29/94	Schlumberger	5073' - 5080'	4 SPF (.38")	7 ft	28 holes
9/6/94	Schlumberger	4756' - 4758'	4 SPF	2 ft	8 holes
		4760' - 4762'	4 SPF	2 ft	8 holes
		4771' - 4781'	4 SPF	10 ft	40 holes
7/16/96	Cutters Wierline	4094' - 4100'	4 SPF	6 ft	24 holes

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

- DOUGLAS CREEK MEMBER 4650' - 5500'

RETRIEVABLE CASING PACKER @ 4043' KB

4094' - 4100'

4756' - 4781'

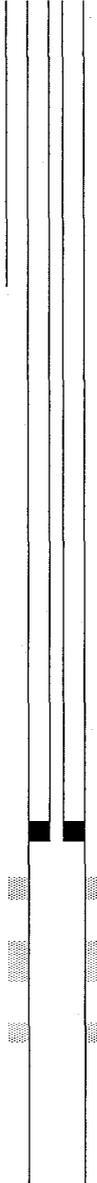
5073' - 5080'

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5734' KB

TD @ 5800' KB

- WASATCH FORMATION 6000 ft





Elev. - 5047' GL
 KB - 5057' KB (10')

WELLBORE DIAGRAM

DATE : 1/21/97 DZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 261.25' (6 jts)
 DEPTH LANDED: 271.25' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

276.3' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5779.79' (138 jts)
 DEPTH LANDED: 5788.79' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 285 sxs super class "G" + (47#G + 20#Poz A +
 17# CSE+1/4 # celloseal+2# HiSeal)/sk +3%salt
 +2%gel, tail w/ 315 sk 50-50 POZ + 2%gel +
 1/4 #/sk celloseal + 2 #/sk HiSeal 2
 CEMENT TOP AT: 1310' KB

TUBING RECORD

KB: 10'
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 153 jnts @ 4802.45'
 SEAT NIPPLE : 2-7/8" X 1.10'
 CROSS OVER: 2-7/8" X 2-3/8" @ 0.42'
 SEAT NIPPLE LANDED @ 4813.55' KB
 RETRIEVABLE CSG PACKER 2-3/8" X 6.20'
 MODEL : Arrow Set-1
 PACKER LANDED @ 4820.17' KB

ACID JOB / BREAKDOWN JOB

3/21/95 Western 5222'-5227' & 5234'-5242' : 2520 gal
 2% KCl wtr w/ 100 balls. balled off,
 ATR-4.2BPM, ATP-2500, ISIP-1550
 3/23/95 Western 4881'-84' & 4896'-405' : 2142gal 2% KCl w/100
 balls, balled off. ATP-3200, ATR-6.0bpm, ISIP-1200

FRAC JOB

3/21/95 Western 5222'-27' & 5234'-42' : 2500gal 2% KCl pad,
 18,942 gal 2% KCl w/ 25,820# 20/40 & 37,000#
 16/30 sand, flush w/ 5166 gal 2% KCl wtr. ISIP-3000
 ATP-2700, ATR-30.9bpm, 5min-1610, 10min-1470,
 15min-1350, 30min-1320.
 3/23/95 Western 4881'-84' & 4896'-4905' : 2310 gal 2% KCl pad, 18,732
 gal 2% KCl w/ 56,840# 16/30 sand. ATP-2400,
 ATR-31.6bpm, ISIP-2450, 5min-1940, 10min-1590,
 15min-1520, 30min-1390

PERFORATION RECORD

3/20/95 Schlumberger 5222' - 5227' 4 SPF 5 ft 20 holes
 5234' - 5242' 4 SPF 8 ft 32 holes
 3/23/95 Schlumberger 4881' - 4884' 4 SPF 3 ft 12 holes
 4896' - 4905' 4 SPF 9 ft 36 holes



4881' - 4905"

5222' - 5242"

PBTD @ 5745' KB
 TD @ 5798' KB



Elev. - 5042' GL
KB - 5052' KB (10')

WELLBORE DIAGRAM

DATE : 7/20/95 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 257.05' (6 jts)
DEPTH LANDED: 267' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 170 sxs class "G" + 2% CCI +
1/4#/sk celloflake

267' KB

PRODUCTION CASING

SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 3452.3' (83 jts)
DEPTH LANDED: 3461.63' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 208 sxs super class "G"+ (41# class "G" +
20#Poz+17#CSE+1/4#celloseal+2#HiSeal)/sk
+3%salt + 2%gel. Tail w/ 260 sxs 50-50 POZ +
2%gel + (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 608' KB

TUBING RECORD

SIZE/GRADE/WT.: none
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERF. SUB:
MUD ANCHOR:
STRING LENGTH:
SN at:

SUCKER ROD RECORD

POLISHED ROD: none
SUCKER RODS:

TOTAL STRING LENGTH:

PUMP SIZE:

ACID JOB / BREAKDOWN JOB

none

FRAC JOB

none

CEMENT PLUGS

PLUG BACK FOR WATER WELL :

#1	5600'-5500'	52 sxs	100% excess on cement & all
#2	5101'-5001'	52 sxs	cement class "G" w/ 1/4 #/sk
#3	3888'-3788'	60 sxs	Cello-seal + 1#/sk Hi-seal 2

PERFORATION RECORD

3/20/95 Schlumberger	2981' - 2988'	4 SPF	7 ft	28 holes
	2995' - 3030'	4 SPF	35 ft	140 holes
				WATER BEARING ZONES

2981'-2988'

2995'-3030'

PBTD @ 3422' KB
CASING LANDED @ 3462' KB

PLUG #3 3888'-3788'

PLUG #2 5101'-5001'

PLUG #1 5600'-5500'

TD @ 5700' KB



Attachment E-5

BALCRON MONUMENT STATE #24-2
 SE SW Sec.2 T9S R17E
 Lease #ML-45555
 Monument Butte Field
 Duchesne County, Utah

Elev. - 5042' GL
 KB - 5052' KB (10')

WELLBORE DIAGRAM

DATE : 7/20/95 vk

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 253.9' (6 jts)
 DEPTH LANDED: 263.9' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

264' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5669.77' (135 jts)
 DEPTH LANDED: 5678.77' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 230 sxs super class "G" + (47# class "G" +
 20#Poz+17#CSE+1/4#celloseal+2#HiSeal)/sk
 +3%salt + 2%gel. Tail w/ 223 sxs 50-50 POZ +
 2%gel + (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1852' KB

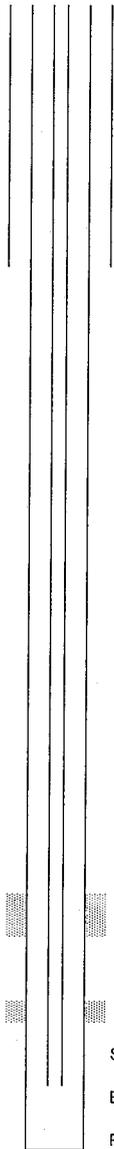
TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 130 jts (4020.21')
 TUBING ANCHOR: trico 2.75' @ 4032.96'KB
 NO. OF JOINTS: 36 jts (112.08')
 SEATING NIPPLE: 1.1' @ 5162.14'KB
 PERF. SUB: 4.15'
 MUD ANCHOR: 1 jt - 31.5' w/ NC
 STRING LENGTH: 5187.79'
 SN at: 5162.14' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 2' Pony
 one - 3/4" x 4' Pony
 one - 3/4" x 6' Pony
 one - 3/4" x 8' Pony
 206 - 3/4" x 25' D-16 Plain
 TOTAL STRING LENGTH: 5186'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ SM plunger TRICO #1048



ACID JOB / BREAKDOWN JOB

2/27/95 Western 5116'-5124' : 2814 gal 2% KCl wtr
 w/ 64 balls. balled off,
 ATR-5bpm, ATP-2600, ISIP-1900

3/2/95 Western 4078'-4114' : 2856 gal 2% KCl wtr,
 w/ 174 balls. Balled off.
 ATR-6bpm,ATP-3500, ISIP-1400

FRAC JOB

3/27/95 Western 5116'-24' : 2000gal 2% KCl pad, 15,876 gal
 2% KCl w/ 17,740# 20/40 & 24,120# 16/30
 sand, flush w/ 5040 gal 2% KCl wtr. ISIP-2800
 ATP-3270, ATR-30.0bpm, 5min-2230, 10min-
 2020, 15min-1860, 30min-1540.

3/2/95 Western 4078'-4114' : 5000gal 2% KCl pad, 101,820#
 16/30 sand w/ 27,594gal 2% KCl wtr. Flush w/
 3990gal 2% KCl. ATR-29.8bpm, ATP-2250,
 ISIP-2500, 5min-2350, 10min-2180, 15min-1880,
 30min-1570

PERFORATION RECORD

2/24/95 Schlumberger 5116' - 5124' 4 SPF 8 ft 32 holes

3/2/95 Schlumberger 4078' - 4090' 4 SPF 12 ft 48 holes
 4104' - 4114' 4 SPF 10 ft 40 holes

4078' - 4090'
 4104' - 4114'

5116' - 5124'

S.N. @ 5162' KB

EOT - 5198' KB

PBTD @ 5745' KB
 TD @ 5700' KB



Monument State #32-2-9-17CD
 Monument Butte
 State ML-45555
 SW NE Section 2, T9S, R17E
 1648' FNL, 2282' FEL
 Uintah County, Utah

Elev.GR - 5076' GL
 Elev.KB - 5086' KB (10' KB)

WELLBORE DIAGRAM

DATE : 11/8/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 248'
 DEPTH LANDED: 258' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sks class "G" w/ 2% CaCl₂, 1/4#/sk Flocele.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5687.84'
 DEPTH LANDED: 5697.84' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 150 sks super "G" w/ 3% salt, 3% gel, 2#/sk Kolseal, 1/4#/sk Cello-flake. Tail w/ 360 sks of 50/50 POZ w/ 2% gel, 2#/sk Kol-seal, 1/4#/sk Cello-flake.

CEMENT TOP AT: 1555' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/ J-55 / 6.5#
 NO. OF JOINTS: 154 Jts (4770.32')
 TUBING ANCHOR: 2-7/8"x5-1/2"x2.75'
 NO. OF JOINTS: 18 Jts (561.98')
 SEATING NIPPLE: 2-7/8"x1.10'
 PERFORATED SUB: 2-7/8"x4.20'
 MUD ANCHOR: 2-7/8"x30.03'
 STRING LENGTH: 5380.78'
 SN LANDED AT: 5345.05' KB

SUCKER RODS

WELL LAST PULLED: Completion

POLISHED ROD: 1-1/4"x22' SM
 SUCKER RODS: 1-3/4"x6' Pony
 1-3/4"x8' Pony
 211-3/4"x25' D Plain
 1-7/8"x2' Pony w/ 2.5 guide
 1-1-1/2"x25' K-bar
 1-7/8"x2' Pony w/ 2.5 guide

TOTAL STRING LENGTH: 5340'

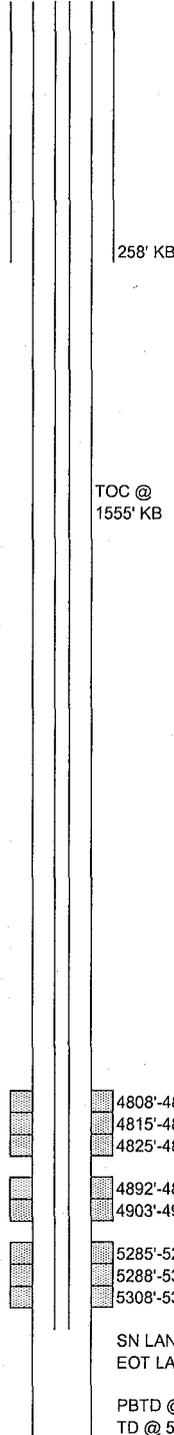
PUMP NUMBER: Trico # 1197
 PUMP SIZE: 2-1/2"x1-1/2"x16' RHAC w/sm plunger

STROKE LENGTH: 88 inches
 PUMP SPEED, SPM: 4.75 spm
 PUMPING UNIT SIZE: Bethlehem 320-2112-86
 SN: 30617E-313665

PRIME MOVER: Ajax E-42
 SN: 68203

TANK SIZES & NUMBERS: 2- 400 bbl, Natco 12'x20'
 TANK #1 SN: 760002089-01
 TANK #2 SN: 760002089-02

LOGS: Dual Laterolog w/ Linear Correlation; Litho Density Compensated Neutron GR; CBL/GR.



ACID JOB /BREAKDOWN

Date	Start Depth	End Depth	Details
10/2/96	5285'-5286'	5288'-5305'	BJ Services: 5460 gal 2% KCL water w/ 164 ball sealers.
	5308'-5311'		Ball action but no ball off. ATP= 2000 psi, ATR= 5.2 bpm, ISIP= 1400 psi.
10/7/96	4808'-4813'	4815'-4819'	BJ Services: 3570 gal 2% KCL water w/ 22 ball sealers. Balled off. ATP= 1220 psi, ATR= 3.1 bpm, ISIP= 1000 psi.
	4825'-4830'		
10/7/96	4892'-4896'	4903'-4906'	BJ Services: 1512 gal 2% KCL water w/ 10 ball sealers. ATP= 1875 psi, ATR= 3.2 bpm, ISIP= 1100 psi.

FRAC JOB

Date	Start Depth	End Depth	Details
10/3/96	5285'-5286'	5288'-5305'	BJ Services: 19,572 gal 2% KCL water w/ 166,800# 20/40 & 42,900# 16/30 sand. ATP= 1700 psi, ATR= 31.0 bpm, ISIP= 2200 psi, 5 min= 1770 psi, 10 min= 1630 psi, 15 min= 1570 psi, 30 min= 1530 psi.
	5308'-5311'		
10/8/96	4808'-4813'	4815'-4819'	BJ Services: 13,524 gal 2% KCL water w/ 36,000# 16/30 sand. ATP= 2700 psi, ATR= 34.9 bpm, ISIP= ??, 5 min= 1610 psi, 10 min= 1560 psi, 15 min= 1510 psi.
	4825'-4830'		
	4892'-4896'		
	4903'-4906'		

PERFORMANCE RECORD

Date	Tool	Start Depth	End Depth	Details
10/2/96	Cutter	5285'-5286'	5288'-5305'	4 SPF
		5288'-5305'	5308'-5311'	4 SPF
		5308'-5311'		4 SPF
10/6/96	Cutter	4808'-4813'	4815'-4819'	4 Holes
		4815'-4819'	4825'-4830'	3 Holes
		4825'-4830'	4892'-4896'	4 Holes
		4892'-4896'	4903'-4906'	3 Holes
		4903'-4906'		2 Holes

SN LANDED @ 5345' KB
 EOT LANDED @ 5381' KB

PBTD @ 5644' KB
 TD @ 5717' KB

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

Attachment F

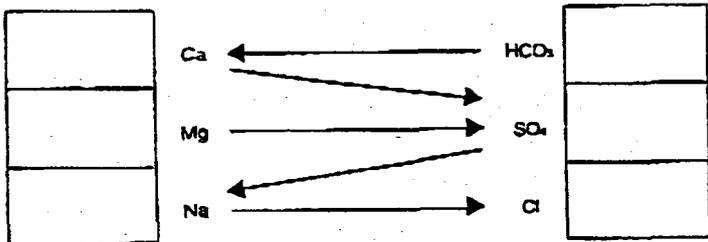
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water
FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>300</u>	+ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>35</u>	+ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>110</u>	+ 48 <u>2</u> SO ₄
10. Calcium (Ca)		Ca <u>44</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		Mg <u>22</u>	+ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Mill equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equlv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<u>1</u>			<u>59</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

RECEIVED
JAN 02 1998
INLAND RESOURCES

WATER ANALYSIS REPORT

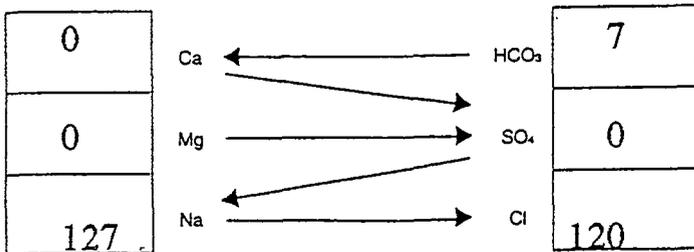
Company INLAND Address _____ Date 12-23-97

Source CASTLE DRAW STATE 31-2 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.1</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.005</u>		
4. Dissolved Solids		<u>7,603</u>	
5. Alkalinity (CaCO ₃)		<u>180</u>	÷ 30 <u>6</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>60</u>	÷ 61 <u>1</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>4,300</u>	÷ 35.5 <u>120</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>6</u>	÷ 20 <u>0</u> Ca
11. Magnesium (Mg)		<u>0</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>20</u>	
13. Total Iron (Fe)		<u>12</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equlv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>7</u>		<u>588</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>120</u>		<u>7,015</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Attachment F-2

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

01-22-98

WATER DESCRIPTION:	JOHNSON WATER	CDS 31-2
P-ALK AS PPM CaCO3	0	180
M-ALK AS PPM CaCO3	300	60
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	4300
HARDNESS AS PPM CaCO3	200	20
CALCIUM AS PPM CaCO3	44	6
MAGNESIUM AS PPM CaCO3	22	0
SODIUM AS PPM Na	92	2921
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	7603
TEMP (DEG-F)	100	100
SYSTEM pH	7	9.1

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND CDS 31-2
 CONDITIONS: TEMP.=100AND pH=8.1
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.26	6	0	0	0
90	.15	3	0	0	0
80	.02	0	0	0	0
70	-.10	0	0	0	0
60	-.24	0	0	0	0
50	-.40	0	0	0	0
40	-.57	0	0	0	0
30	-.76	0	0	0	0
20	-1	0	0	0	0
10	-1.28	0	0	0	0
0	-1.68	0	0	0	0

Attachment G

**Castle Draw #10-2R-9-17
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5178	5210	5194	2000	0.82	1993 ←
4790	4797	4794	No data available		
4085	4171	4128	2250	0.98	2226
Minimum					<u>1993</u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.

NGC OPERATED - COMPLETION

Pleasant Valley Prospect NWSE Sec.2-9S-17E, Uintah Co., UT.
#33-2H State GL-5050'. Prop TD-6150'. Objective: Green
DEVELOPMENT River, Green Shale Facies, Black Shale Facies.
Contractor: Olsen #5. Spud: 4/25/82.

- 05/08/82 W.O. Completion. Drop from report.
- 06/02/82 Day 1. M.I.R.U. Gamache Well Service. Daily:\$1,550. Cum:\$1,550.
- 06/03/82 PBTB 6064'. Day 2. Drill out DV and clean out to btm. Check psi - 0. Unloaded 2 7/8" 6.5# J-55 EUE tbg. (201 jts.). Talleyed and PU BHA consisting of 4 3/8" bit, 5 1/2" csg. scraper, X-over, four 3 1/8" DC's, X-over. RIH and tagged DV at 2994'. RU and drilled out DV. PU tbg. and RIH to 6064', circ. btms. up and POH. LD DC's and BHA - ready to log. SION. Daily:\$4,082. Cum:\$5,632.
- 06/04/82 PBTB 6064'. Day 3. Log and perf. Check psi - 0. RU Schlumberger, run bond log and perf. at 5178'-5210', 2 spf Hyperjet II. 65 total holes, 2 holes/ft. Logged well w/1000# psi. Max. temp. 230°. RD Schlumberger and SION. Daily:\$12,754. Cum:\$18,386.
- 06/07/82 PBTB 6064'. Day 4. Swab fluid OOH for frac. Psi 0#. RIH w/2 7/8" tbg, notched collar, and SN set at 5165', top perf at 5178'. RU swab equipment, started swabbing fluid at surface, made 16 runs, rec 108 bbls 3% KCL wtr. SI to check for fluid entry for 1 hr. Made 3 more runs; no fluid or gas entry. SI. Daily:\$2911. Cum:\$21,297.
- 06/08/82 PBTB 6064'. Day 5. Versagel frac. Check psi 0#. POOH w/tbg. and frac. 41,500 gal. Versagel 1500 w/126,000#, 20/40 sand. Lost suction at 35,170 gal; resumed pumping and put away. ISIP 2000#; 15 min 1610#. SION. Daily:\$42,805. Cum:\$64,102.
- 06/09/82 PBTB 6064'. Day 6. Flow back frac. RU choke and line to pit. Fluid 41,500 gal., 20/40 sand, 126,000#. Daily:\$5,432. Cum:\$69,534.
- 06/10/82 PBTB 6064'. Day 7. Swab test perfs. at 5178'-5210' (65 holes). CP-200# psi. Opened well and flowed to 400 bbls. frac tank for 3 1/2 hrs. Made approx. 11 bbls. Well stopped flowing. RU to RIH w/tbg., tagged sand at 5616.15'. Pulled tbg. back up to 5167' and RU to swab. Made 14 swab runs and recovered 128 bbls. Last runs were 50% wtr. and 50% oil. SN at 5135'. Fluid level left at 3600', 448' of sand fill. Total fluid recovered 435 BW, 64 BO. Left to recover 494 BW. Daily:\$3,307. Cum:\$72,841.
- 06/11/82 PBTB 6064'. Day 8. Swab test and set RBP. Check psi - 150 csg. and 0 tbg. FL at 800', left at 3600' yesterday, 2800' of entry overnight. Made 13 swab runs and rec. 105 bbls. RD swab equipment, POH w/163 jts. 2 7/8" tbg., SN, and notched collar. RIH w/Halliburton 5 1/2" RBP and 161 jts. of tbg., set BP at 5107'. Pressured csg. to 2500#, held good for 15 min. POH w/2 7/8" tbg. Ready to perf. Daily:\$4,440. Cum:\$77,281.
- 06/14/82 PBTB 6064'. Day 9. Perf. at 4790'-97' and swab test. CP-0 psi. RU Schlumberger and perf. 4790'-97', 3 spf Hyperjet II (22 holes). RD Schlumberger and RIH w/notched collar, SN and 151 jts. of tbg. set at 4676'. RU swab equipment; pumped into formation at 1 1/2 bpm at 1200#; pumped a total of 5 bbls. Started swabbing, made 10 runs and rec. 70 bbls. of 3% KCL. Left fluid level at 3900'. Daily:\$5,141. Cum:\$82,422.
- 06/15/82 PBTB 6064'. Day 10. Swab test and frac at 4790'-97'. TP-50# psi, CP-50# psi. Fluid level at 3900' - no fluid entry overnight. Started swabbing, made 10 runs and recovered 12 bbls.; last 3 bbls. 100% oil and gas. RD swab equipment and POH w/tbg. RU Halliburton to frac. ISIP-1680. SION. Daily:\$27,199. Cum:\$109,621.
- 06/16/82 PBTB 6064'. Day 11. Flow back and swab perfs. at 4790'-4797'. CP-1000#. Opened well on 8/64" choke and opened well up slowly. Leaving well flowing at 30 BPH. Well bled off at 12:00 P.M. RIH w/154 jts. of 2 7/8" tbg., notched collar and SN. Tagged sand at 4884', had 223' of sand on plug at 5107'. POH to 4786' and RU to swab. Made 13 runs and recovered 133 bbls.; left fluid at 2700'. SI. Recovered total of 284 BW (frac fluid). Daily:\$5,956. Cum:\$115,577.

NGC OPERATED - COMPLETION

Pleasant Valley Prospect NWSE Sec.2-9S-17E, Uintah Co., UT.
 #33-2H State GL-5050'. Prop TD-6150'. Objective: Green
 DEVELOPMENT River, Green Shale Facies, Black Shale Facies.
 Contractor: Olsen #5. Spud: 4/25/82.

06/16/82 PBTB 6064'. Day 11. Flow back and swab perfs. at 4790'-4797'. CP-1000#. Opened well on 8/64" choke and opened well up slowly. Leaving well flowing at 30 BPH. Well held off at 12:00 P.M. RIH w/2 7/8" tbg., 154 jts., notched collar and SN. Tagged sand at 4884', had 223' of sand on plug at 5107'. POH to 4786' and RU to swab. Made 13 runs and recovered 133 bbls.; left fluid at 2700'. SI. Recovered total w/flow back 284 BW (frac fluid). Daily:\$5,956. Cum:\$115,577.

06/17/82 PBTB 6064'. Day 12. Swab test perfs. at 4790'-97'. TP-50# psi, CP-0 psi. FL at 800', left at 2700', 1900' of fluid entry overnight. Start swabbing, made 29 runs. Recovered 195 bbls. 50% oil and gas, 50% frac fluid. FL from 800' to 4500'. SION. Frac fluid recovered 382 bbls. Daily:\$2,769. Cum:\$118,346.

06/18/82 PBTB 6064'. Day 13. Move Howco BP and perf. TP-50# psi, CP-50# psi. Check FL at 2200', 2300' of fluid entry overnight. POH w/2 7/8" tbg. PU retrieving tool, RIH to 4863', had 244' of sand on BP. Clean sand off and move plug up to 4708'. Set and press. to 2500# - held good. POH and RU Schlumberger to perf. at 4161'-4171' (7 holes) and 4085'-4093' (7 holes). RD Schlumberger and SION. Daily:\$7,235. Cum:\$125,581.

06/21/82 PBTB 6064'. Day 14. Break down perfs. w/acid and swab. CP-0 psi. RIH w/2 7/8" tbg. to 4056.56'. RU Halliburton and broke down perfs w/1000 gals. of mud acid. Pumped and spotted acid and ball sealers in tbg. Shut csg. and pumped acid into formation at 2000# - good ball action but didn't ball off. Surged balls off and pumped remainder of acid. Total acid pumped 24 bbls. Max psi - 2800, max. rate 8.5 BPM. ISIP-1300#, 15 min. 1000#. Bled psi off and RU swab and made 18 runs. Recovered 102 bbls. 3% KCL wtr, acid and oil. Last run was 50% wtr. and 50% oil. Daily:\$6,635. Cum:\$132,216.

06/22/82 PBTB 6064'. Day 15. Frac. TP-75# psi, CP-75# psi. Made 1 swab run, FL at 2600', made 1456' of fluid entry overnight. Recovered 8 bbls. 100% oil. POH w/2 7/8" tbg. RU Halliburton to frac. Ran short of sand 1190 gals. 8#. ISIP-2250#, 5 min. 1770#, 10 min. 1640#, 15 min. 1620#. Daily:\$34,721. Cum:\$166,937.

06/23/82 PBTB 6064'. Day 16. Flow back frac. CP-750# psi. Opened well up and flowed back slowly until 1:30 P.M. Made 106 bbls. of frac fluid. RIH w/2 7/8" tbg. and tagged sand at 4508', 200' of fill. POH to 4059', SN at 4021'. RU swab equipment, made 5 runs, and recovered 60 bbls. Fluid level from surface to 900'. All fluid recovered was frac fluid. Total fluid rec 166 bbls; left to rec 515 bbls. Daily:\$2,847. Cum:\$169,789.

06/24/82 PBTB 6064'. Day 17. Swab back frac. TP-200#, CP-50#. Check fluid level at surface. Opened well to 400 bbl. tank. Flowed back 10 bbls of oil. RU swab equipment, made 30 runs and recovered 250 bbls. (162 oil and 88 wtr.). FL stayed at 2800'. SI. Daily:\$2,876. Cum:\$172,660.

06/25/82 PBTB 6064'. Day 18. Swab test. TP-200 psi; CP-250 psi. Check FL at 500', made 2300' of fluid overnight. Start swabbing, made 10 runs. Recovered 90 bbls. of 100% oil. Left fluid at 3000'. RD swab equipment. RIH w/2 7/8" tbg. and tag sand at 4462.45' (246' of fill). Circ. sand off of RBP, latch on and POH. LD plug and RIH w/notched collar and tag sand at 5576', 466' of sand fill. PU one stand and S.I. Daily:\$10,310. Cum:\$182,970.

06/26/82 PBTB 6064'. Day 19. Clean out sand and run prod. tbg. TP-0 psi; CP-0 psi. RU to circ. sand, cleaned down to 6064' (488' of sand), circ. btms. up. POH. RIH w/notched collar, 1 jt., one 3' perf. sub, SN, 37 jts., Baker anchor catcher (45A Model B-3), 128 jts. tbg. Anchor at 4065.44', SN at 5235.44', end of tbg. at 5270.43'. Set anchor w/12,000# tension. SI. Daily:\$3,034. Cum:\$186,004.

06/28/82 PBTB 6064'. Day 20. Swab test complete hole. CP & TP 0 psi. RU swab equipment, FL at 2000'. Start swabbing, made 22 runs and recovered 125 bbls. of 3% KCL and 82 BO. Last run was 85% oil and 15% wtr. SN at 5235'. Fluid level stayed at 2000'. S.I. Daily:\$18,690. Cum:\$204,694.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 182' plug from 5078'-5260' with 30 sxs Class "G" cement.
2. Plug #2 Set 157' plug from 4690'-4847' with 30 sxs Class "G" cement.
3. Plug #3 Set 236' plug from 3985'-4221' with 60 sxs Class "G" cement.
2. Plug #2 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
3. Plug #3 Set 100' plug from 240'-340' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
4. Plug #4 Set 50' plug from surface with 10 sxs Class "G" cement.
5. Pump 10 sxs Class "G" cement down the 9-5/8" x 5-1/2" annulus to cement 290' to surface.

The approximate cost to plug and abandon this well is \$18,000.



Attachment H-1
 CASTLE DRAW #10-2R-9-17
 NW SE Section 2-T9S-R17E
 Lease #ML-21843
 Monument Butte Field
 Castle Draw Unit
 Uintah County, Utah

Elev. - 5050' GR
 KB - 5057' KB (10')

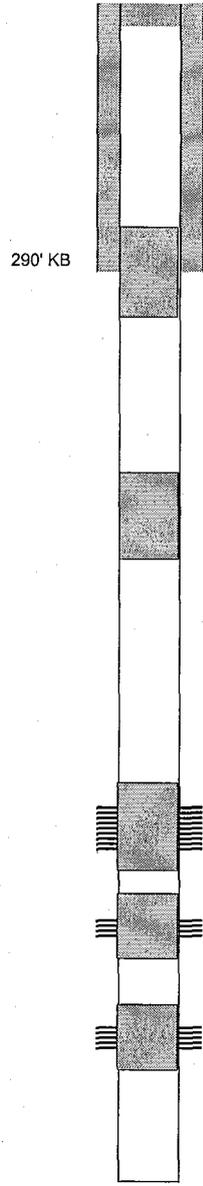
**PROPOSED P&A
 WELLBORE DIAGRAM**

SURFACE CASING

SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 261.25' (6 jts)
 DEPTH LANDED: 290' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: N-80
 WEIGHT: 17#
 LENGTH: 5779.79' (138 jts)
 DEPTH LANDED: 6149'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 620 sx
 CEMENT TOP AT:



10 sx Class "G" cmt, 50' to surface
 10 sx Class "G" cement down the 9-5/8"x5-1/2"
 annulus to cement 290' to surface
 15 sx Class "G" cmt, 240'-340'
 30 sx Class "G" cmt, 2000'-2200'
 60 sx Class "G" cmt, 3985'-4221'
 30 sx Class "G" cmt, 4690'-4847'
 30 sx Class "G" cmt, 5078'-5260'

TD @ 6150' KB

Castle Draw #8-2

Initial Production: NONE

Spud Date: 12/3/97
Plugged: 12/10/97
GL: 5017' KB: 5030'

Plugging Diagram

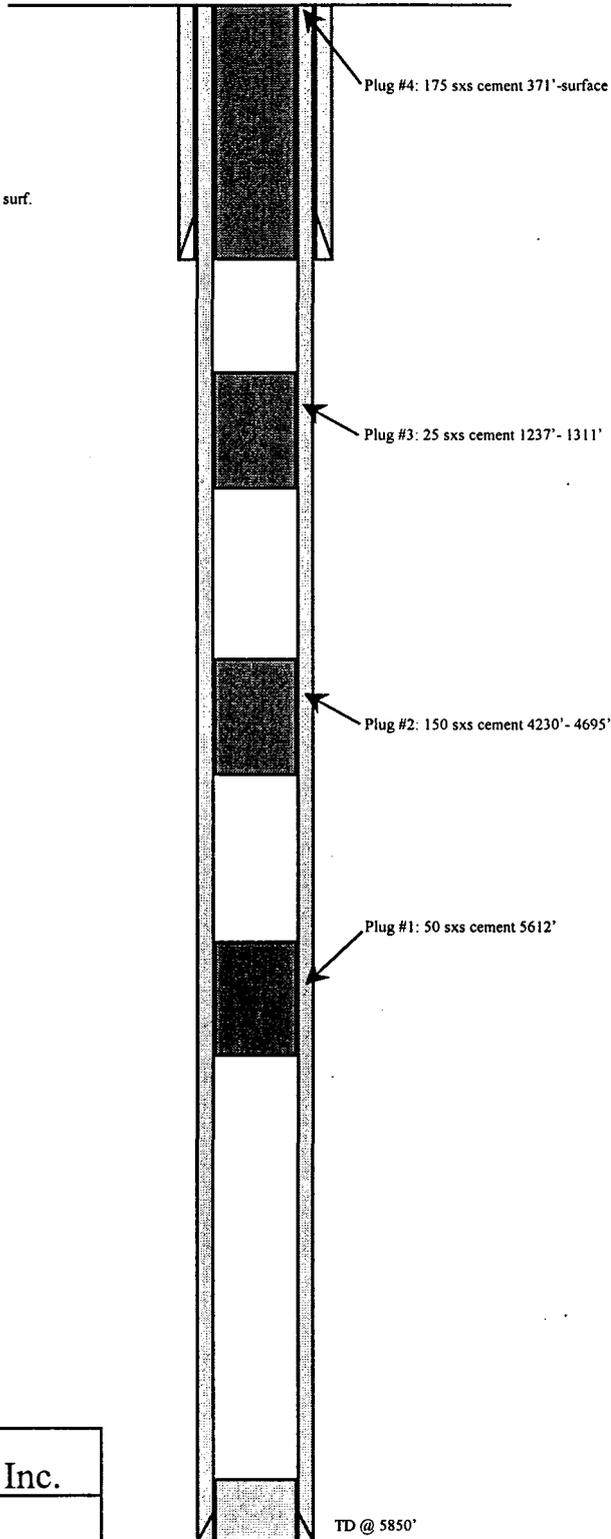
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 287' (7 jts)
DEPTH LANDED: 297'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 4.5 bbls to surf.

PRODUCTION CASING

TUBING

SUCKER RODS



	Inland Resources Inc.
Castle Draw #8-2	
1985 FNL 660 FEL	
SENE Section 2-T9S-R17E	
Uintah Co, Utah	
API #43-047-32842; Lease #ML-45555	



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-226

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

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Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

**Inland Production Company
Castle Draw 10-2R-9-17 Well
Cause No. UIC-226**

Publication Notices were sent to the following:

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

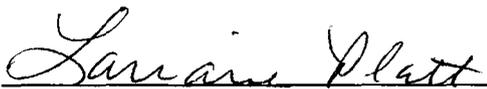
Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Vernal District Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

School & Institutional Trust Lands Administration
Attn: Jim Cooper
675 East 500 South
Salt Lake City, Utah 84102



Lorraine Platt
Secretary
July 10, 1998

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-226
THE CASTLE DRAW 10-2R-9-17	:	
WELL LOCATED IN SECTION 2,	:	
TOWNSHIP 9 SOUTH, RANGE 17	:	
EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS A CLASS II INJECTION	:	
WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

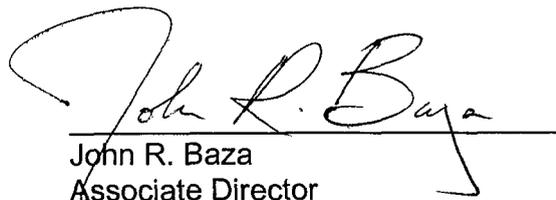
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Castle Draw 10-2R-9-17 well, located in Section 2, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of July, 1998.

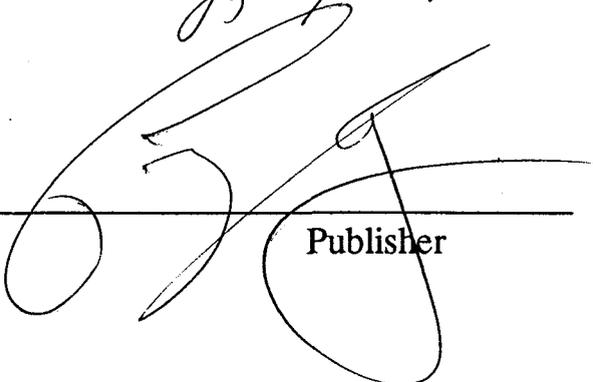
STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

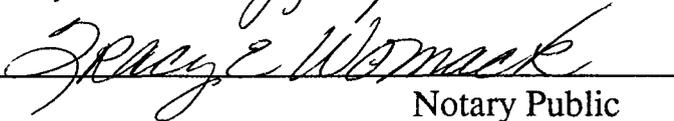
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 21 day of July, 1998, and that the last publication of such notice was in the issue of such newspaper dated the 21 day of July, 1998.



Publisher

Subscribed and sworn to before me this

28 day of July, 1998



Notary Public


TRACY E. WOMACK
NOTARY PUBLIC - STATE of UTAH
RT. 1 BOX 1635 A
1250 NORTH 2000 WEST
ROOSEVELT, UTAH 84066
COMM. EXP. 3-15-00

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-226
IN THE MATTER OF
THE APPLICATION OF
INLAND PRODUCTION
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE
CASTLE DRAW 10-2R-
9-17 WELL LOCATED IN
SECTION 2, TOWNSHIP
9 SOUTH, RANGE 17
EAST, S.L.M.,
DUCHESNE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE ENTITLED
MATTER.

Notice is hereby given that the Division for Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Castle Draw 10-2R-9-17 well, located in Section 2, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Divi-

...tion within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.
Dated this 10th day of July, 1998.
STATE OF UTAH DIVISION OF OIL, GAS & MINING
John R. Baza, Associate Director
Published in the Uintah Basin Standard July 21, 1998.

143 SOUTH MAIN ST.
P.O. BOX 5838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D.# 87-017663

Newspaper Agency Corporation

Salt Lake Tribune DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL GAS & MAINING 1594 WEST NORTH TEMPLE, SUITE 1210, BX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	07/16/98

ACCOUNT NAME	
DIV OF OIL GAS & MAINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL7D8201881
SCHEDULE	
START 07/16/98 END 07/16/98	
CUST. REF. NO.	
UIC-226	
CAPTION	
NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
71 LINES 1.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	116.44
TOTAL COST	
116.44	

NOTICE OF AGENCY ACTION CAUSE NO. UIC-226 BEFORE THE DIVISION OF OIL GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE CASTLE DRAW 10-2R-9-17 WELL LOCATED IN SECTION 2, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESENE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Castle Draw 10-2R-9-17 well, located in Section 2, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate that the hearing now this matter affects their interests.

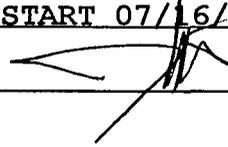
Dated this 10th day of July, 1998.

STATE OF UTAH
DIV. OF OIL GAS AND MINING
/s/ John R. Baza
Associate Director
7D8201881

AFFIDAVIT OF PUBLICATION

I, PAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED STATEMENT OF NOTICE OF AGENCY ACTION CAUSE N FOR OIL GAS & MAINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

STARTED ON START 07/16/98 END 07/16/98

SIGNATURE 

DATE 07/16/98

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

2871 REC 6131 NUAD801G GED8

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

ML-21843

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

CASTLE DRAW 10-2R-9-17

9. API Well No.

43-047-31195

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

10. Field and Pool, or Exploratory Area

WILDCAT

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1786 FSL 2231 FEL NW/SE Section 2, T09S R17E

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Shut In/Weekly Status

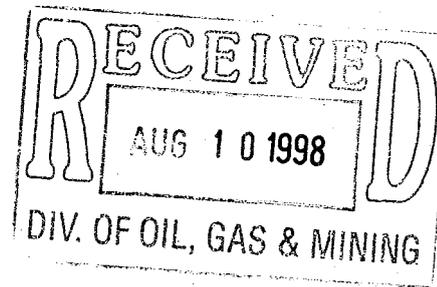
Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. 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.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 7/30/98 - 8/5/98

Relevel location. Dig earth pit. Dig out cellar. Cut off dry hole marker. Weld on 5-1/2" 15.5# csg stub. Back fill & pack cellar. MIRU Leon Ross sfc rig. Run 4-3/4" drag bit & 2-3/8" drill pipe. Drlg sfc cmt plug. Drilled to 15'. **SPUD WELL @ 1:00 PM, 7/27/98.** Con't drlg sfc plug f/15' to 18'. Fell through. Drilled hard f/120' to 365'. Fell Thru to 369'. Drilled hard f/369' - 395'. Fell though to 420'. TOH & LD 2-3/8 DP & BHA. RDMOL. Install well head, flange & valve. Shut well in.



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

Signed Shannon Smith Title Engineering Secretary Date 8/6/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Castle Draw 10-2R-9-17
Location: 2/9S/17E **API:** 43-047-31195

Ownership Issues: The proposed well is located on State land. The well is located in the Castle Draw Unit. Lands in the one-half mile radius of the well are administered by the State of Utah (SITLA) and the BLM. The State of Utah (SITLA) and the Federal Government are the mineral owners within the area of review. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Castle Draw Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 290 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6065 feet and has a cement top at 3500 feet. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4035 feet. A mechanical integrity test will be run on the well prior to injection. There are 2 producing wells, 1 P&A well and 3 injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 100 feet. Injection shall be limited to the interval between 4085 feet and 5210 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 10-2R-9-17 well is .82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1993 psig. The requested maximum pressure is 1993 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Castle Draw 10-2R-9-17
page 2

Oil/Gas& Other Mineral Resources Protection: The Castle Draw Unit was approved on October 25, 1995. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with SITLA

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date: 12/16/98

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
ML-21843

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
CASTLE DRAW 10-2R-9-17

9. API Well No.
43-047-31195

10. Field and Pool, or Exploratory Area
WILDCAT

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1786 FSL 2231 FEL NW/SE Section 2, T09S R17E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

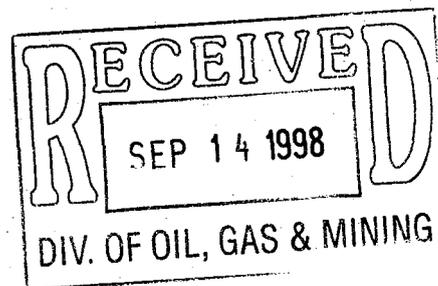
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Surface Spud/Weekly Status</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

(Re-entry of Castle Draw 33-2H)

MIRU Leon Ross sfc rig. **SPUD WELL @ 1:00 PM, 7/27/98.** Drilled hard f/369' - 395'. RDMOL. MIRU Fint #4354. Injection tests on individual sets of perms. Squeeze perms @ 275'. Drl out & test squeezed perms @ 375'. Break & dope collars. TIH w/prod pkr. Well ready for injection. RDMOL.



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

Signed Shannon Smith Title Engineering Secretary Date 9/10/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	99999	12490	43-013-32015	NIKE MELE 14-31	SE/SW	31	08S	16E	Duchesne	9/8/98	
WELL 1 COMMENTS: Spud well w/ Union, Rig # 14 @ 10:00 pm 9/8/98 981027 entity added. KDR											
	99999	12491	43-013-32082	CASTLE DRAW 12-4	W/SW	4	09S	17E	Duchesne	9/16/98	
WELL 2 COMMENTS: Spud well w/ Union, Rig # 7 @ 11:15 a.m., 9/16/98 981027 entity added. KDR											
	99999	12419	43-013-3426	ASHLEY FEDERAL 11-1	NE/SW	1	09S	15E	Duchesne	9/16/98	
WELL 3 COMMENTS: Spud well w/ Union, Rig # 14 @ 2:00 pm, 9/16/98. Ashley Unit 981027 entity added; (Ashley unit). KDR											
	99999	12275	43-047-31195	CASTLE DRAW 10-28-9-17	NE/SE	2	09S	17E	Uintah	7/27/98	
WELL 4 COMMENTS: Spud well w/ Leon Ross @ 1:00 pm, 7/27/98. Castle Draw Unit 981027 entity added; (Castle Draw unit/sec rd). KDR											
	99999	12419	43-013-32005	Ashley Unit 1-12	NE/NE	12	09S	15E	Duchesne	9/29/98	
WELL 5 COMMENTS: Spud well w/ Union, Rig # 14 @ 3:00 pm, 9/29/98. Ashley Unit 981027 entity added; (Ashley unit). KDR											

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)

Shannon Smith
 Signature

Engineering Secretary 04/02/98
 Title Date

Phone No. (303) 382-4441

Oct. 26, 1998 5:13PM INLAND RESOURCES

NO. 1439 P. 2



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 16, 1998

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Castle Draw Unit Well: Castle Draw 10-2R-9-17, Section 2, Township 9 South, Range 17 East, Uintah County, Utah

43 047 31195

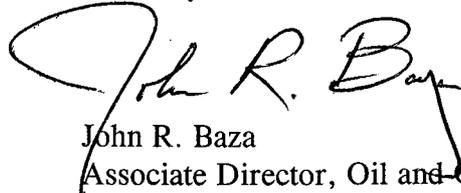
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,



John R. Baza
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt



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

Michael O. Leavitt
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1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 16, 1998

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Castle Draw Unit Well: Castle Draw 10-2R-9-17, Section 2, Township 9 South, Range 17 East, Uintah County, Utah

Gentlemen:

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Sincerely,

John R. Baza
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>Castle Down 10-2R</u>	API Number: <u>097-31195</u>
Qtr/Qtr: <u>NW/SE</u> Section: <u>2</u>	Township: <u>9S</u> Range: <u>17E</u>
Company Name: <u>Inland</u>	
Lease: State <u>X</u> Fee _____	Federal _____ Indian _____
Inspector: <u>David W. MacKend</u>	Date: <u>3/4/99</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 475 psi
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	<u>475</u>
5	<u>1000</u>	<u>475</u>
10	<u>1000</u>	<u>475</u>
15	<u>1000</u>	<u>475</u>
20	<u>1000</u>	<u>475</u>
25	<u>1000</u>	<u>475</u>
30	<u>1000</u>	<u>475</u>

Results: Pass / Fail

Conditions After Test:

Tubing Pressure: 475 psi
 Casing/Tubing Annulus Pressure: 0 psi

COMMENTS:

Ron Shuck
 Operator Representative

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
ML-21843

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
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8. Well Name and No.
CASTLE DRAW 10-2R-9-17

9. API Well No.
43-047-31195

10. Field and Pool, or Exploratory Area
WILDCAT

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1786 FSL 2231 FEL NW/SE Section 2, T09S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

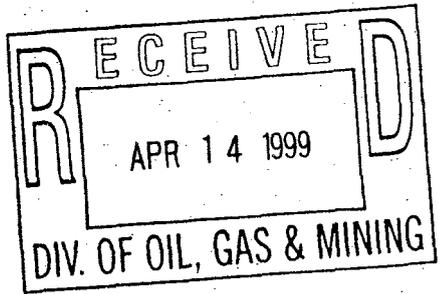
TYPE OF SUBMISSION	TYPE OF ACTION
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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(Re-entry of Castle Draw 33-2H)

MIRU Leon Ross sfc rig. SPUD WELL @ 1:00 PM, 7/27/98. Drilled hard f/369' - 395'. RDMOL. MIRU Fint #4354. Injection tests on individual sets of perfs. Squeeze perfs @ 275'. Dri out & test squeezed perfs @ 375'. Break & dope collars. TIH w/prod pkr. Well ready for injection. RDMOL.



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

Signed Shannon Smith Title Engineering Secretary Date 9/10/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

FAX COVER SHEET



RESOURCES INC.

410 17th Street, Suite 700

Denver, CO 80202

Phone: 303-893-0102, Fax: 303-382-4454

DATE: 3-16-00
TO: CAROL DANIELS
COMPANY: STATE OF UTAH, DOGM
FAX NUMBER: 801-359-3940
FROM: A. SHIPMAN
NUMBER OF PAGES: 3 INCLUDING COVER SHEET

RE: CASTLE DRAW 10-2R-9-17 &
PARIETTE DRAW FEDERAL 10-23

PLEASE CHECK THE LEASE NUMBERS ON THE
FOLLOWING TWO FORM-8 REPORTS FOR
THE ABOVE WELLS. I BELIEVE THE LEASE
NUMBERS CHANGED FROM THE TIME THE
APD WAS SUBMITTED AND THE FORM-8
WAS SUBMITTED.

IF CHANGES ARE CORRECT, WOULD YOU
LIKE US TO SUBMIT A NEW FORM-8
SHOWING CORRECTIONS? PLEASE ADVISE.

If you do not receive all pages or there is a problem with this transmission,
please call 303-382-4441.

Thank you,
ANITA

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ML-45555

5. LEASE DESIGNATION AND SERIAL NO.

ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

CASTLE DRAW

9. WELL NO.

10-2R-9-17

10. FIELD AND POOL OR WILDCAT

MONUMENT BUTTE

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

SECTION 2, T9S, R17E

12. COUNTY

Duchesne

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:

OIL WELL

GAS WELL

DRY

Other RE-ENTER

b. TYPE OF COMPLETION:

NEW WELL

WORK OVER

DEEPEN

PLUG BACK

DIFF. RESVR.

Other INJECTOR

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS OF OPERATOR

410 17th St. Suite 700 Denver, CO 80202

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

At surface

NWSE Section 2, T9S, R17E 1786' FSL & 2231' FEL

At top prod. interval reported below

At total depth

14. API NO.

43-047-31195

DATE ISSUED

4/5/82

15. DATE SPUNDED

7/27/98

16. DATE T.D. REACHED

NA

17. DATE COMPL. (Ready to prod. or (Plug & Abd.)

9/11/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6150'

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)

Re-entered well 7/27/98; well was ready for injection 9/11/98; well put on injection 3/19/99

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

NA

27. WAS WELL CORED? YES

NO

(Submit analysis)

DRILL STEM TEST? YES

NO

(See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36#	290	12-1/4	620 SX	
5-1/2	17#	6149'	7-7/8	TO SURFACE	
(per 8/18/82 Completion Report)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	5270'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
5178-5210	138"	85 Shots
4790-97	"	22 shots
4181-71	"	7 shots
4085-93	"	7 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NA	(See original completion report attached)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-also and type of pump)	WELL STATUS (Producing or shut-in)					
NA		INJECTOR 3/19/99					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBLS.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Donn Murphy

TITLE **Donn Murphy, Sr. Operations Engineer**

DATE **2/23/00**



COPY

February 24, 2000

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
ATTN: Carol Daniels
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Well Completion or Recompletion Report
Castle Draw 10-2R-9-17
Section 2, T9S, R17E
Duchesne County, Utah

Dear Ms. Daniels:

As you requested, enclosed please find a Well Completion or Recompletion Report and Log for the above captioned well, which is being submitted in triplicate for your review.

If you require any additional information or have any questions, please contact me at (303) 893-0102.

Sincerely,

Anita Shipman
Operations Secretary

Enclosures

cc: Roosevelt Office
Patsy Barreau
Bob Jewett
Donn Murphy

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2231' FEL, 1786' FSL, (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 2, T.9S., R.17E.
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
NGC #33-2-H State

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 2, T.9S., R.17E.

14. PERMIT NO. 43-047-31195
DATE ISSUED 4/5/82

12. COUNTY OR PARISH Uintah
13. STATE Utah

15. DATE SPUDDED 4/25/82
16. DATE T.D. REACHED 5/5/82
17. DATE COMPL. (Ready to prod.) 6-14-82
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5050' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6150'
21. PLUG, BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS 0-TD
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5210 - 4085
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL w/GR and SP, FDC-CNL w/GR and Cal, BHC Sonic & "F" log overlay
27. WAS WELL CORED
Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5-1/2	17# N-80	6149	7-7/8	620 sx	
9-5/8	36# K-55	290	12-1/4	to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5270	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Shots	Angle
5178-5210	138"	65	90°
4790-97	"	22	"
4161-71	"	7	"
4085-93	"	7	"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5178-5210	41,100 gal Versagel, 94,000# sand
4790-97	24,660 gal Versagel, 56,000# sand
4085-4171	28,630 gal Versagel, 88,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION 6/14/82
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, American 228
WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/22/82	24			85	3	24	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	25		85	3	24	

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.)
Used for fuel.
TEST WITNESSED BY
Boyd Snow

35. LIST OF ATTACHMENTS
Geological report to follow.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED William A. Ryan TITLE Petroleum Engineer DATE 8/18/82

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



February 24, 2000

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
ATTN: Carol Daniels
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Well Completion or Recompletion Report
Castle Draw 10-2R-9-17
Section 2, T9S, R17E
Duchesne County, Utah

Dear Ms. Daniels:

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If you require any additional information or have any questions, please contact me at (303) 893-0102.

Sincerely,

Anita Shipman
Operations Secretary

Enclosures

cc: Roosevelt Office
Patsy Barreau
Bob Jewett
Donn Murphy

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

5. LEASE DESIGNATION AND SERIAL NO.

ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State

9. WELL NO.

NGC #33-2-H State

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 2, T.9S., R.17E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2231' FEL, 1786' FSL, (NW $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 2, T.9S., R.17E.
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-31195
DATE ISSUED 4/5/82

15. DATE SPUNDED 4/25/82
16. DATE T.D. REACHED 5/5/82
17. DATE COMPL. (Ready to prod.) 6-17-82
18. ELEVATIONS (DF, BEB, ET, GR, ETC.)* 5050' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6150'
21. PLUG, BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5210 - 4085
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL w/GR and SP, FDC-CNL w/GR and Cal, BHC Sonic & "F" log overlay
27. WAS WELL CORED
Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5-1/2	17# N-80	6149	7-7/8	620 sx	
9-5/8	36# K-55	290	12-1/4	To surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5270	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number	Angle
5178-5210	138"	65 shots	90°
4790-97	"	22 "	"
4161-71	"	7 "	"
4085-93	"	7 "	"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5178-5210	41,100 gal Versagel, 94,000# sand
4790-97	24,660 gal Versagel, 56,000# sand
4085-4171	28,630 gal Versagel, 88,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION 6/14/82
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, American 228
WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 7/22/82
HOURS TESTED 24
CHOKED SIZE
PROD'N. FOR TEST PERIOD
OIL—BBL. 85
GAS—MCF. 3
WATER—BBL. 24
GAS-OIL RATIO

FLOW. TUBING PRESS. 0
CASING PRESSURE 25
CALCULATED 24-HOUR RATE
OIL—BBL. 85
GAS—MCF. 3
WATER—BBL. 24
OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS
Geological report to follow.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 8/18/82

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

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

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

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

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

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

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

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.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Green River	1480		
Oil Shale Facies	2133		
Delta Facies	3230		
Green Shale Fac.	4274		
Black Shale Fac.	5320		
Green River Lime	5869		
Wasatch	6040		

**STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other RE-ENTER

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. Other INJECTOR

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
CASTLE DRAW

9. WELL NO.
10-2R-9-17

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SECTION 2, T9S, R17E

2. NAME OF OPERATOR
INLAND RESOURCES INC.

3. ADDRESS OF OPERATOR
410 17th St. Suite 700 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At surface
NWSE Section 2, T9S, R17E 1786' FSL & 2231' FEL
At top prod. interval reported below

14. API NO. 43-047-31195 DATE ISSUED 4/5/82

12. COUNTY Duchesne 13. STATE UT

15. DATE SPUNDED 7/27/98 16. DATE T.D. REACHED NA 17. DATE COMPL. (Ready to prod.) or (Plug & Abd.) 9/11/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6150' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 23. INTERVALS ROTARY TOOLS 23. INTERVALS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)
GAAL
Re-entered well 7/27/98; well was ready for injection 9/11/98; well put on injection 3/19/99

26. TYPE ELECTRIC AND OTHER LOGS RUN NA 27. WAS WELL CORED? YES NO (Submit analysis) DRILL STEM TEST? YES NO (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36#	290	12-1/4	620 SX	
5-1/2	17#	6149	7-7/8	TO SURFACE	
(per 8/18/82 Completion Report)					

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	5270'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
5178-5210	138"	65 Shots
4790-97	"	22 shots
4161-71	"	7 shots
4085-93	"	7 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NA	(See original completion report attached)

33.* PRODUCTION

DATE FIRST PRODUCTION NA PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) WELL STATUS (Producing or shut-in)
INJECTOR 3/19/99

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL--BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED Donn Murphy TITLE Donn Murphy, Sr. Operations Engineer DATE 2/23/00

See Spaces for Additional Data on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						5. LEASE DESIGNATION AND SERIAL NO. ML-21843	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other RE-ENTER						7. UNIT AGREEMENT NAME NA	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other INJECTOR						8. FARM OR LEASE NAME CASTLE DRAW	
2. NAME OF OPERATOR INLAND RESOURCES INC.						9. WELL NO. 10-2R-9-17	
3. ADDRESS OF OPERATOR 410 17th St. Suite 700 Denver, CO 80202						10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At surface NWSE Section 2, T9S, R17E 1786' FSL & 2231' FEL At top prod. interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SECTION 2, T9S, R17E	
14. API NO. 43-047-31195			DATE ISSUED 4/5/82			12. COUNTY Duchesne	13. STATE UT
15. DATE SPUNDED 7/27/98	16. DATE T.D. REACHED NA	17. DATE COMPL. (Ready to prod.) or (Plug & Abd.) 9/11/98	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)			19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6150'		21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD) Re-entered well 7/27/98; well was ready for injection 9/11/98; well put on injection 3/19/99						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN NA				27. WAS WELL CORED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		(Submit analysis)	
				DRILL STEM TEST? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		(See reverse side)	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
9-5/8	36#	290	12-1/4	620 SX			
5-1/2	17#	6149	7-7/8	TO SURFACE			
(per 8/18/82 Completion Report)							
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	5270'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
INTERVAL	SIZE	NUMBER		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
5178-5210	138"	65 Shots		NA	(See original completion report attached)		
4790-97	"	22 shots					
4161-71	"	7 shots					
4085-93	"	7 shots					
33.* PRODUCTION *							
DATE FIRST PRODUCTION NA		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in) INJECTOR 3/19/99	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		→					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Donn Murphy		TITLE Donn Murphy, Sr. Operations Engineer				DATE 2/23/00	

See Spaces for Additional Data on Reverse Side



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

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-226

Operator: Inland Production Company
Well: Castle Draw 10-2R-9-17
Location: Section 2, Township 9 South, Range 17 East
API No.: 43-013-31195
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 16, 1998.
2. Maximum Allowable Injection Pressure: 1993 psig.
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4085 feet - 5210 feet).

Approved by:


John R. Baza
Associate Director, Oil And Gas

3/4/2000
Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **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 TO DRILL OR DEEPEN form for such proposals.

OIL WELL GAS WELL OTHER **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**

4. LOCATION OF WELL
Footages **1786 FSL 2231 FEL**
QQ, SEC, T, R, M: **NW/SE Section 2, T9S R17E**

5. LEASE DESIGNATION AND SERIAL NO.
ML-21843

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

7. UNIT AGREEMENT NAME
CASTLE DRAW

8. WELL NAME and NUMBER
CASTLE DRAW 10-2R-9-17

9. API NUMBER
43-047-31195

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

COUNTY **UINTAH**
STATE **UTAH**

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

NOTICE OF INTENT:
(Submit in Duplicate)

- ABANDON
- REPAIR CASING
- CHANGE OF PLANS
- CONVERT TO INJECTION
- FRACTURE TREAT OR ACIDIZE
- MULTIPLE COMPLETION
- OTHER _____
- NEW CONSTRUCTION
- PULL OR ALTER CASING
- RECOMPLETE
- REPERFORATE
- VENT OR FLARE
- WATER SHUT OFF

SUBSEQUENT REPORT OF:
(Submit Original Form Only)

- ABANDON*
- REPAIR CASING
- CHANGE OF PLANS
- CONVERT TO INJECTION
- FRACTURE TREAT OR ACIDIZE
- OTHER **Step Rate Test**
- NEW CONSTRUCTION
- PULL OR ALTER CASING
- RECOMPLETE
- REPERFORATE
- VENT OR FLARE

DATE WORK COMPLETED _____
Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
*Must be accompanied by a cement verification report.

12. 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 depth for all markers and zones pertinent to this work.

A step rate test was conducted on the subject well on 10/7/03. Results from the test indicate that the fracture gradient is .876 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1800 psi.

From 1993

13. NAME & SIGNATURE: *Michael Guinn* TITLE Vice President of Operations DATE 10/17/2003

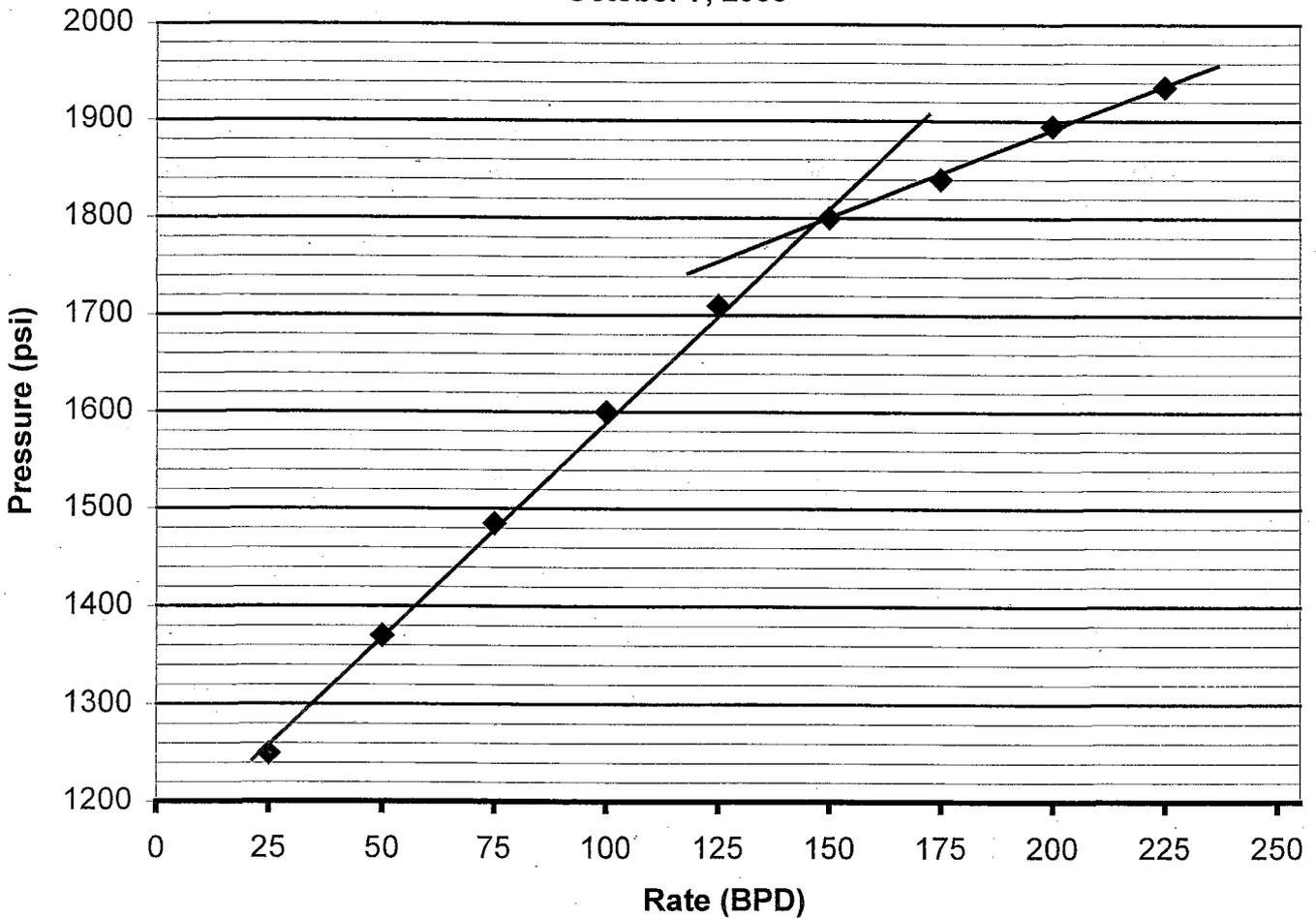
(This space for State use only)

**Accepted by the
Utah Division of
Oil, Gas and Mining**
Date: 10-21-03
By: *[Signature]*

COPY SENT TO OPERATOR
Date: 10-22-03
Initials: CHO

RECEIVED
OCT 20 2003
DIV. OF OIL, GAS & MINING

Castle Draw 10-2R-9-17
 Castle Draw Unit
 Step Rate Test
 October 7, 2003



Start Pressure: 1100 psi
 Instantaneous Shut In Pressure (ISIP): 1925 psi
 Top Perforation: 4085 feet
 Fracture pressure (Pfp): 1800 psi
 FG: 0.876 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	25	1250
2	50	1370
3	75	1485
4	100	1600
5	125	1710
6	150	1800
7	175	1840
8	200	1895
9	225	1935

RECEIVED

OCT 20 2003

DIV. OF OIL, GAS & MINING

Castle Draw 10-2R-9-17

4:30A
10-7-03

2:30P
10-7-03

Chetenne





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8:
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 29 2003

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
Vice President of Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO INCREASE MAXIMUM
SURFACE INJECTION PRESSURE
EPA Permit No. UT20776-04474
Monument State No. 10-2R-9-17
NW SE Sec. 2 - T9S - R17E
Uintah County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency(EPA) Castle Draw Area Permit UT20776-00000 (Effective November 29, 1995), Part II, Section C. 5. (b), permits the "Director" to authorize, by letter, an increase in the maximum surface injection pressure (MIP) for the Monument State No. 10-2R-9-17 following receipt and approval of a valid step-rate test (SRT).

On October 17, 2003, Inland Production Company (Inland) submitted an SRT, dated October 7, 2003, which was reviewed and approved by the EPA on October 21, 2003. However, the EPA calculated the fracture gradient (FG) to be 0.875 psi/ft for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

As of the date of this letter, the EPA authorizes an increase in the maximum surface injection pressure (MIP) from 1573 psig to 1795 psig.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

FG = 0.875 psi/ft
 D = 4085 feet: Top perforation
 SG = Specific gravity: 1.005

 MIP = $[(0.875) - (0.433)(1.005)] 4085$

 MIP = 1795 psig

Please send all compliance correspondence relative to this well to the ATTENTION: NATHAN WISER, at the letterhead address, citing MAIL CODE: 8ENF-T very prominently. You may call Mr. Wisser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,

Carol S. Campbell for

Stephen S. Tuber
 Assistant Regional Administrator
 Office of Partnerships and
 Regulatory Assistance

cc: Ms. Maxine Natchees
 Chairwoman
 Uintah & Ouray Business Council
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Ut 84026

Ms. Elaine Willie
 Environmental Coordinator
 Ute Indian Tribe
 P.O. Box 460
 Fort Duchesne, UT 84026

Mr. Chester Mills
 Superintendent
 Bureau of Indian Affairs
 Uintah & Ouray Indian Agency
 P.O. Box 130
 Fort Duchesne, UT 84026

Mr. David Gerbig
 Operations Engineer
 Inland Production Company
 410 Seventeenth Street - Suite 700
 Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-00581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser
8ENF-T

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML45554 CSTL DRW

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
CASTLE DRAW 10-2R-9-17

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4304731195

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1786 FSL 2231 FEL

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/SE, 2, T9S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>01/19/2004</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
A five year MIT was conducted on the subject well. On 1/8/04 Mr. Al Craver w/EPA was notified of the intent to conduct a MIT on the casing. On 1/12/04 the casing was pressured to 1235 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RECEIVED
JAN 21 2004
DIV. OF OIL, GAS & MINING
RECEIVED
JAN 22 2004

NAME (PLEASE SIGN) Krishna Russell
SIGNATURE Krishna Russell

TITLE Production Clerk DIV. OF OIL, GAS & MINING
DATE January 19, 2004

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 1 / 12 / 04
 Test conducted by: BRET HENRIE
 Others present: _____

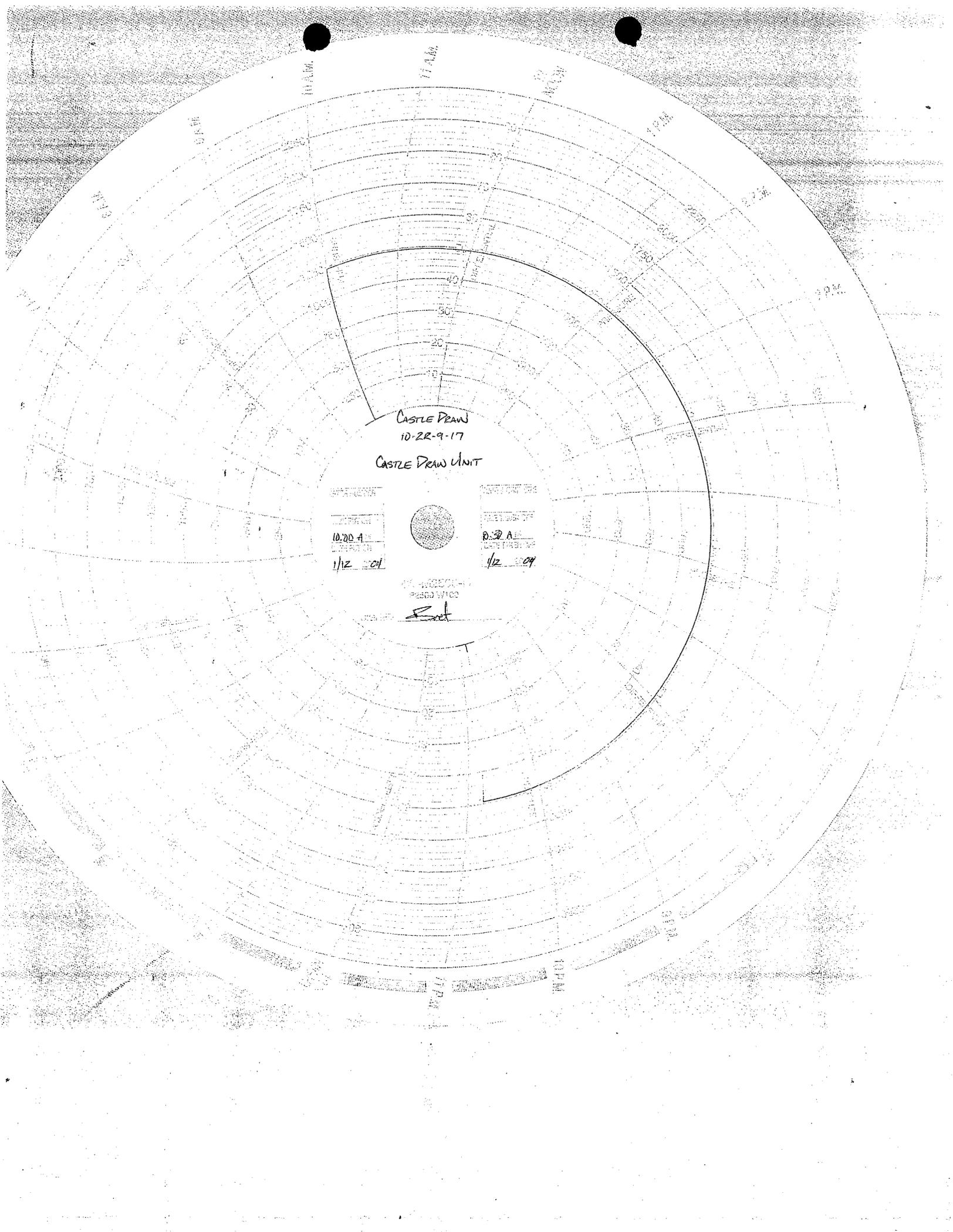
Well Name: <u>CASTLE DRAW 10-2R-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>CASTLE DRAW UNIT</u>		
Location: <u>NW/SE</u> Sec: <u>2</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Utah</u> State: <u>UT</u>		
Operator: <u>TINLAND</u>		
Last MIT: <u>1 / 1</u>	Maximum Allowable Pressure: <u>1795</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 85 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1760 psig	psig	psig
End of test pressure	1760 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1235 psig	psig	psig
5 minutes	1235 psig	psig	psig
10 minutes	1235 psig	psig	psig
15 minutes	1235 psig	psig	psig
20 minutes	1235 psig	psig	psig
25 minutes	1235 psig	psig	psig
30 minutes	1235 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No



10 AM

11 AM

12 PM

1 PM

2 PM

3 PM

CASTLE DRAW
10-22-9-17
CASTLE DRAW UNIT

10:20 A
1/2 CH



10:30 A
1/2 CH

Root

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-10-04
Title: Perk. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No. Unit: CASTLE DRAW

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON ST 14-2	02	090S	170E	4301331425	12275	State	WI	A
MONUMENT ST 12-2	02	090S	170E	4301331481	12275	State	OW	P
MONUMENT ST 13-2	02	090S	170E	4301331482	12275	State	WI	A
MONUMENT ST 11-2-9-17CD	02	090S	170E	4301331685	12275	State	WI	A
CASTLE DRAW 10-2R-9-17	02	090S	170E	4304731195	12275	State	WI	A
MON ST 31-2-9-17CD	02	090S	170E	4304732563	12275	State	WI	A
MONUMENT ST 22-2	02	090S	170E	4304732610	12275	State	WI	A
MONUMENT ST 24-2	02	090S	170E	4304732612	12275	State	OW	P
BALCRON MON ST 23-2	02	090S	170E	4304732613	12275	State	WS	I
MONUMENT ST 21-2-9-17	02	090S	170E	4304732703	12275	State	OW	P
MONUMENT ST 32-2	02	090S	170E	4304732737	12275	State	OW	P
CASTLE DRAW 8-2	02	090S	170E	4304732842	12275	State	D	PA
CASTLE DRAW 1-2-9-17	02	090S	170E	4304732843	12275	State	OW	S
CASTLE DRAW 9-2-9-17	02	090S	170E	4304733238	12275	State	OW	P
CASTLE DRAW 15-2-9-17	02	090S	170E	4304733239	12275	State	OW	P
CASTLE DRAW 16-2-9-17	02	090S	170E	4304733240	12275	State	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b! Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML21843

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
CASTLE DRAW 10-2R-9-17

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4304731195

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1786 FSL 2231 FEL

COUNTY: Uintah

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NW/SE, 2, T9S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/31/2005	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Recompletion & MIT Injection
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. Three new intervals were perforated the CP1 sds 5506'-5524' w/4 JSPF, CP2 sds 5554'-5564' w/4 JSPF, A1 sds 5106'-5120' w/4 JSP F for a total of 168 shots

On 3-24-05 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on the 3-31-05. On 3-31-05 the csg was pressured up to 1240 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA # UT22776-04474 API # 43-047-31195.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



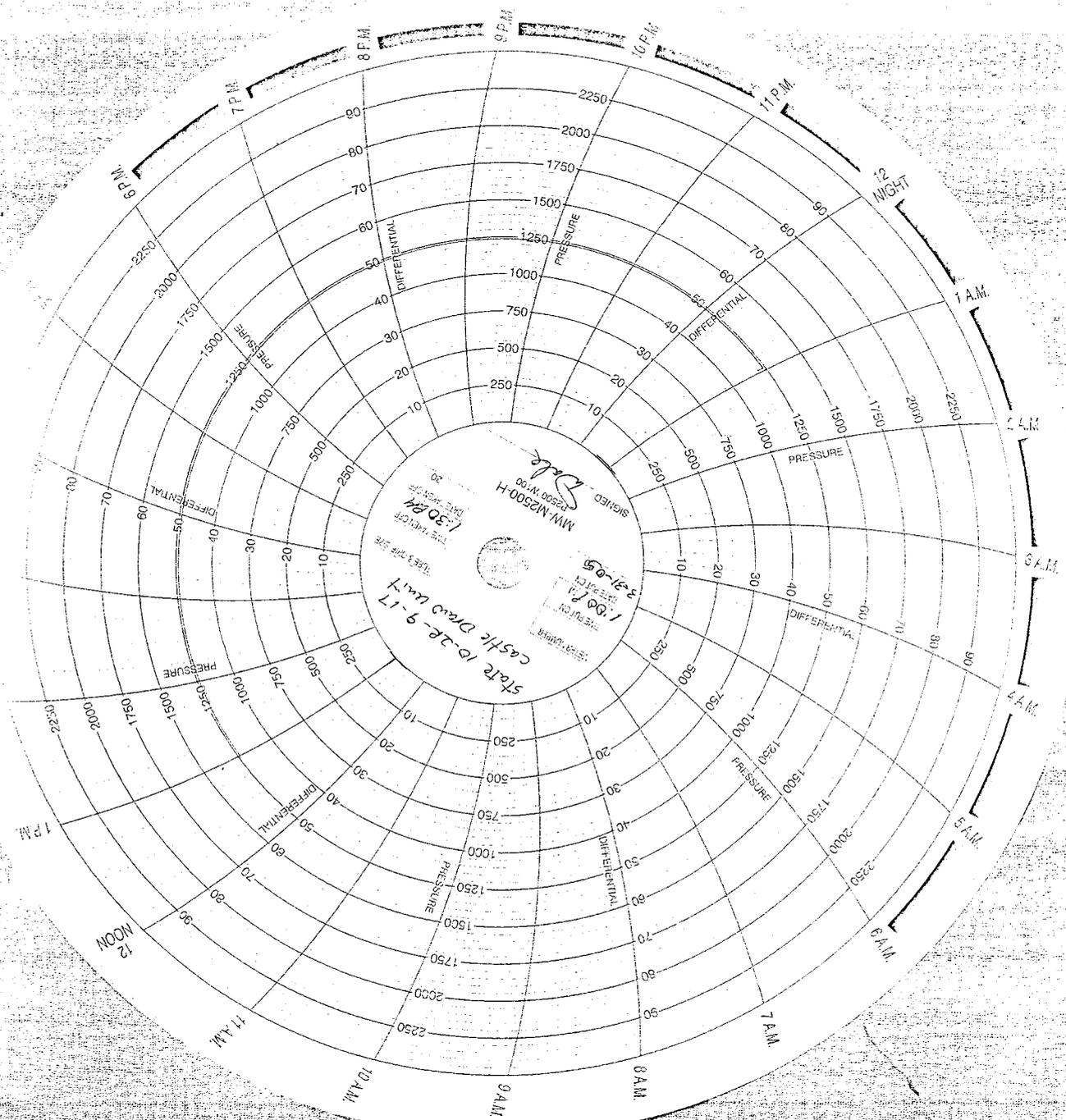
DATE 05/05/2005

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RECEIVED

MAY 09 2005

DIV. OF OIL, GAS & MINING



Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 03/31/05
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>State 10-JR-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Castle Draw unit</u>		
Location: _____	Sec: <u>2 T 9 N 17 E</u>	County: <u>Uintah</u> State: <u>Ut.</u>
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure: <u>1795</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	750 psig	psig	psig
End of test pressure	750 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1240 psig	psig	psig
5 minutes	1240 psig	psig	psig
10 minutes	1240 psig	psig	psig
15 minutes	1240 psig	psig	psig
20 minutes	1240 psig	psig	psig
25 minutes	1240 psig	psig	psig
30 minutes	1240 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

RECEIVED
MAY 09 2005

DIV. OF OIL, GAS & MINING

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: CASTLE DRAW UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: CASTLE DRAW 10-2R-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1786 FSL 2231 FEL		9. API NUMBER: 4304731195
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 2, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEOUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/10/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/31/08 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 11/10/08. On 11/10/08 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1500 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20776-04474 API# 43-047-31195

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE *Callie Duncan* DATE 11/13/2008

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**RECEIVED
NOV 17 2008
DIV. OF OIL, GAS & MINING**

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11/10/08
 Test conducted by: T. Jeffrey J. Raza
 Others present: _____

Well Name: <u>Castle Draw State 10-28-97</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>NWSE</u> Sec: <u>2</u> T <u>9</u> N <u>18</u> R <u>17</u> W	County: <u>VINTAH</u>	State: <u>MT</u>
Operator: <u>Newfield</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1500</u> psig	psig	psig
End of test pressure	<u>1500</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1050</u> psig	psig	psig
5 minutes	<u>1050</u> psig	psig	psig
10 minutes	<u>1050</u> psig	psig	psig
15 minutes	<u>1050</u> psig	psig	psig
20 minutes	<u>1050</u> psig	psig	psig
25 minutes	<u>1050</u> psig	psig	psig
30 minutes	<u>1050</u> psig	psig	psig
_____ minutes	<u> </u> psig	psig	psig
_____ minutes	<u> </u> psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: CASTLE DRAW 10-2R-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047311950000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1786 FSL 2231 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 02 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/10/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5 YR MIT performed on the above listed well. On 10/10/2013 the casing was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1530 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04474

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 21, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/17/2013	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10 / 10 / 2013

Test conducted by: KODY OLSON

Others present: ROCKY CURRY

Well Name: <u>CASTLE DRAW STATE 10-2R-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER MONUMENT BUTTE</u>		
Location: <u>NW/SE</u> Sec: <u>2</u> T: <u>9</u> N/S: <u>R 17</u> E/W: <u>(E)</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1595</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1532 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1530</u> psig	psig	psig
End of test pressure	<u>1530</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1110</u> psig	psig	psig
5 minutes	<u>1110</u> psig	psig	psig
10 minutes	<u>1110</u> psig	psig	psig
15 minutes	<u>1110</u> psig	psig	psig
20 minutes	<u>1110</u> psig	psig	psig
25 minutes	<u>1110</u> psig	psig	psig
30 minutes	<u>1110</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Castle Draw 10-2R-9-17

Spud Date: 4-22-82
 Put on Production: 6/14/82
 Put on Injection: 3/19/99
 GL: 5050' KB: 5060'

Initial Production: 85 BOPD.
 3 MCFPD, 24 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 6 jts. (261')
 DEPTH LANDED: 290' GL
 HOLE SIZE: 12 3/4"
 CEMENT DATA: 160 sxs Class G cmt.

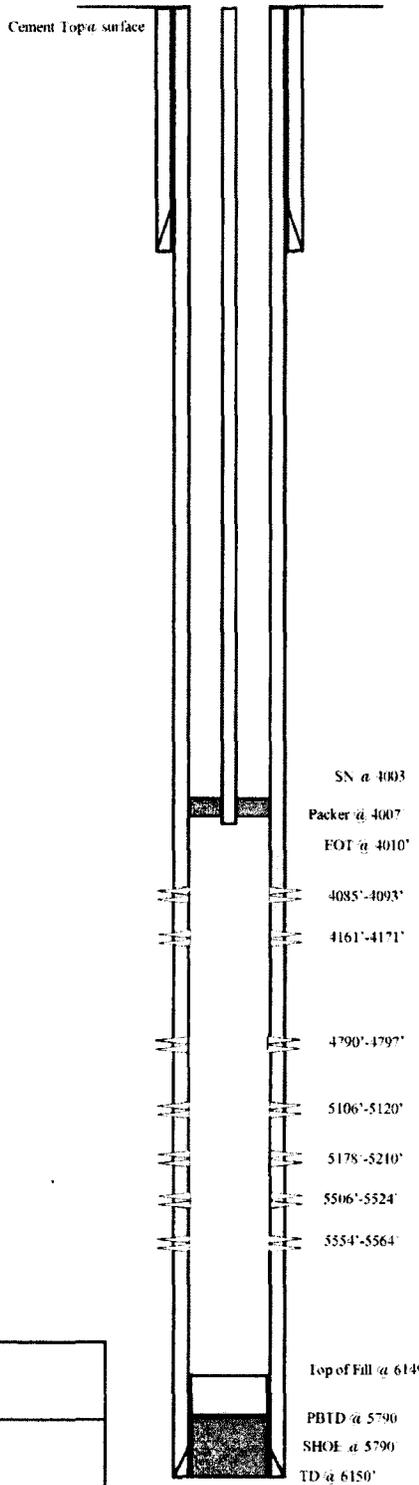
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: N-80
 WEIGHT: 17#
 LENGTH: 151 jts. (6150')
 DEPTH LANDED: 6149'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 620 sxs cement to surface
 CEMENT TOP AT: @ surface

TUBING

SIZE/GRADE/WI: 2-7/8" M-50 / 6.5"
 NO. OF JOINTS: 134 jts
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4003
 ARROWSET PACKER: 4007' KB
 TOTAL STRING LENGTH: EOT @ 4010' KB

Injection Wellbore Diagram



FRAC JOB

6/8/82	5178'-5210'	Frac zone as follows: 94,000# 20/40 sand in 41,100 gal frac fluid
6/15/82	4790'-4797'	Frac zone as follows: 56,000# 20/40 sand in 24,660 gal frac fluid
6/22/82	4085'-4171'	Frac zone as follows: 88,000# 20/40 sand in 28,630 gal frac fluid
3-22-05	5506-5564	Frac CP 1 & 2 zones as follows: With 28,985# 20-40 sand in 262 bbls of Lightning 17 fluid. Treated w ave pressure of 2903 psi @ ave rate of 14.2 BPM. ISIP 1580 psi. Began immediate flow back. flowed for 2 hr. 30 min & died.
11/10/08		5 Year MIT completed and submitted.

PERFORATION RECORD

6-4-82	5178'-5210'	65 holes
6-14-82	4790'-4797'	22 holes
6-18-82	4161'-4171'	07 holes
6-18-82	4085'-4093'	07 holes
3-21-05	5106'-5120'	56 holes
3-21-05	5506'-5524'	72 holes
3-21-05	5554'-5564'	40 holes

NEWFIELD

Castle Draw 10-2R-9-17
 1786 FSL & 2231 FEL
 NWSE Section 2-T9S-R17E
 Uintah Co, Utah
 API #43-047-31195; Lease #ML-45555