

**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed 1/7/79

Location Inspected .....

OW..... WW..... TA.....

Bond released .....

SIOW. ✓... OS..... PA.....

State or Fee Land .....

**LOGS FILED**

Driller's Log..... ✓

Electric Logs (No.) ..... ✓

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
~~Operator Name~~ CIG Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1076  
662' FSL & ~~1076~~' FEL SECTION 14-T9S-R20E  
At proposed prod. zone 30x24

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
APPROXIMATELY 5 MILES SE OF OURAY, UTAH

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1976'

16. NO. OF ACRES IN LEASE  
2091.18

17. NO. OF ACRES ASSIGNED TO THIS WELL  
N/A

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1625'

19. PROPOSED DEPTH  
6700'

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4788' UNGRADED GROUND

22. APPROX. DATE WORK WILL START\*  
SEPTEMBER 10, 1978

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#	200'	125 sx.
8-1/2" & 7-7/8"	4-1/2"	11.6#	TD	AS REQUIRED TO COVER PAY ZONE

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) ~~PROPOSED GAS WELL PRODUCTION HISTORY~~
- (A) ~~TYPICAL WELL HEAD INSTALLATION~~
- (B) ~~TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL~~
- (5) ~~PROPOSED PIPELINE MAP~~
- (6) ~~PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY~~

State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

NOTICE OF APPROVAL

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 F. R. Midkiff TITLE DISTRICT SUPERINTENDENT DATE MAY 3, 1978  
F. R. MIDKIFF

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Ord. Sgd. E. W. Goyne TITLE ACTING DISTRICT ENGINEER DATE JUL 11 1978  
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0577-A

OPERATOR: CIG Exploration, Inc.  
~~Gas Producing Enterprises, Inc.~~

WELL NO. CIGE 11-14-9-20

LOCATION: 1/2 SW 1/2 SE 1/4 sec. 14, T. 9S., R. 20E., S2M  
Uintah County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? Yes.  
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? Yes.  
From 0 - 1,000 feet in Uintah rocks.

3. Other probable leasable minerals? Yes.  
Oil shale in Green River (1,750 - 5,100') Group.

4. Are hazardous fluids or gases likely? No.

5. Are abnormal conditions of pressure or temperature likely? No.

6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? No.

7. Is additional logging or sampling needed? ?. Intervals for DIL and CN-FD should be specified to include total depth to 2,000 feet.

8. References - remarks: USGS Files, Salt Lake City, Utah

Is location within 2 miles of a KGS? Yes. Within Bitter Creek KGS

Signature: Donald C. Alford Date: 05-12-78

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- (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL

- (5) PROPOSED PIPELINE MAP
- (6) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 5/9/78

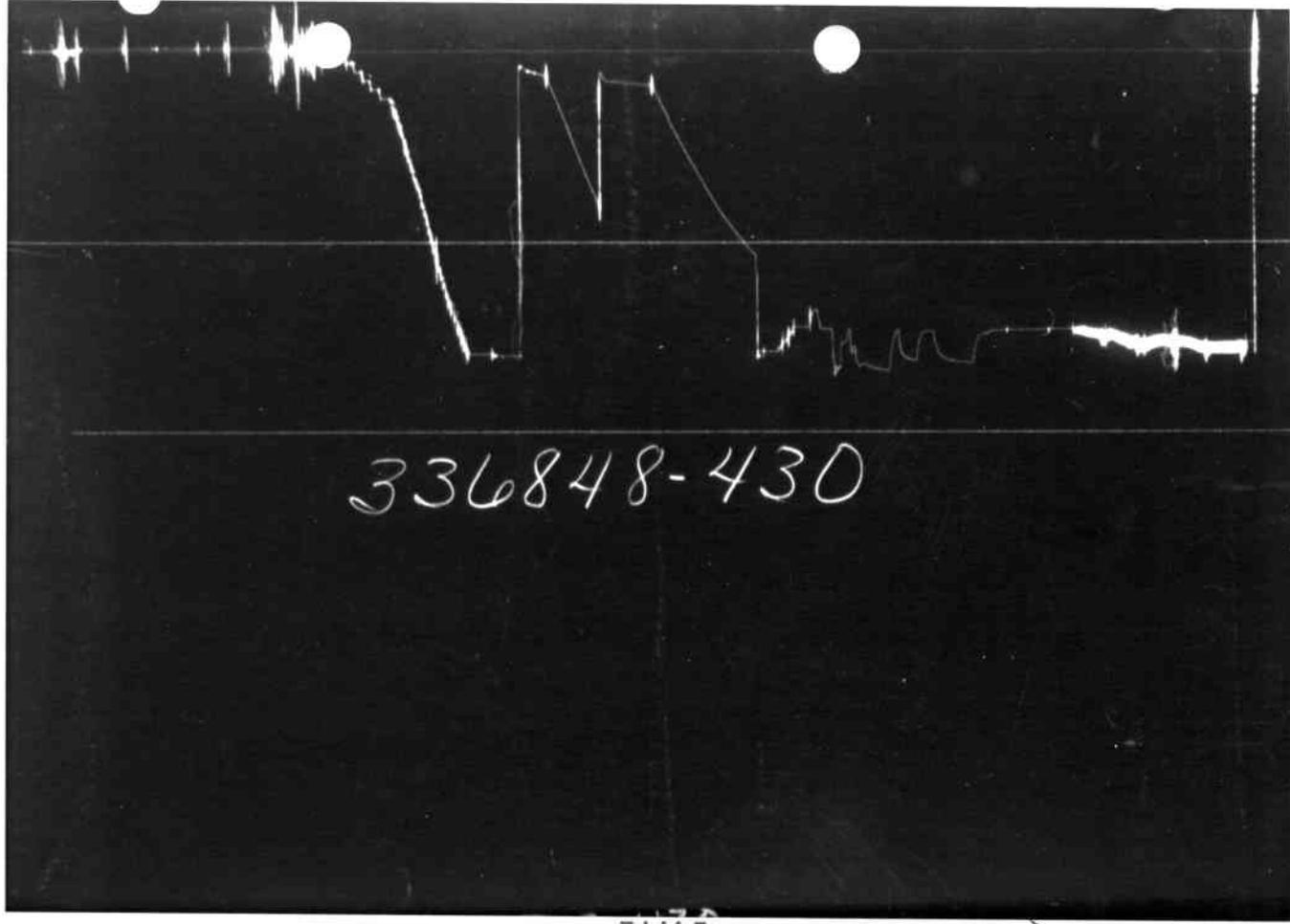
BY: C. B. Light

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(This space for Federal or State office use)

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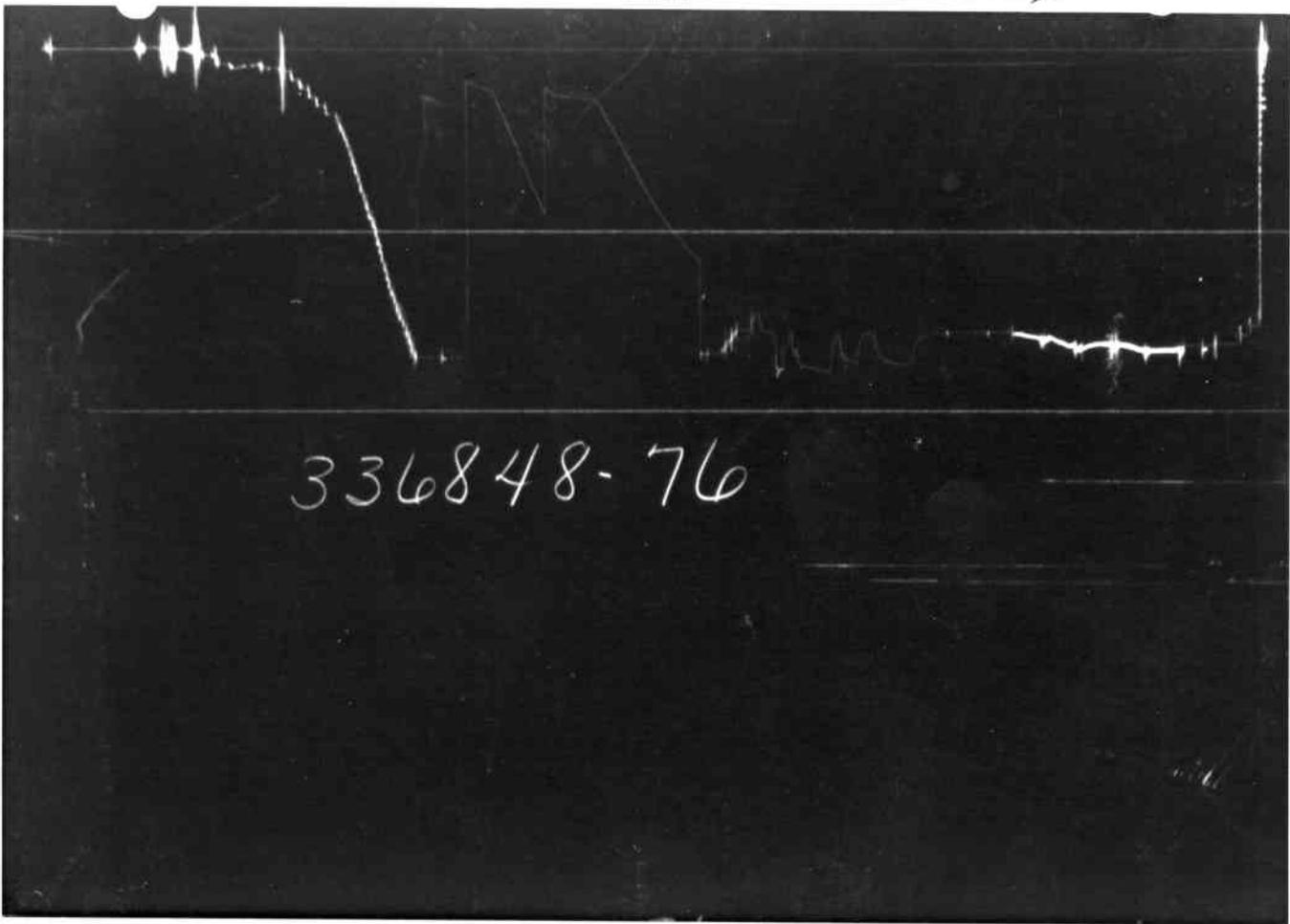
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



336848-430

↑ PRESSURE ↓

← TIME →



336848-76

Each Horizontal Line Equal to 1000 p.s.i.



Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. **336848**  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F  
**INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED**

Date Time	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
8-6-78 12:00 a.m.					Called out
13:00					On location
13:15					Started making up tools on cat walk
14:30					Tools made up, waited on rig to pull rest of drill pipe
15:00					Picked up tools
16:10					Started in hole
17:58					Opened tool, blow to bottom of bucket 12" in water in 30 seconds
18:03	1/8" Bubble Hose	10#			
18:08	"	14			
18:14	"	16			Shut in tool
18:16					Opened flare line, gas to surface
18:45					Reopened tool to orifice tester
18:50	"	5	6.39		Tightened line to tester
19:00	"	3	4.84		
19:10	"	2	3.92		
19:15	"	1.5	3.39		Closed tool
2015 8-7-78 0030					Started out of hole, pulled 3 stands & reversed. Finished reversing, conditioned mud
					Started out of hole
0700					Out of hole with tools
					Broke down tools
1030					Off location

Gauge No. 430			Depth 3209'			Clock No. 2797			12 hour		Ticket No. 336848			
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.0000	78		126	.0000	111	.0000		172					
1	.0275	92		808	.0410	154*	.0406		283					
2	.0550	108			.0752	157	.0812		397					
3	.0825	118			.1094	162	.1218		496					
4	.1100	126			.1436	166	.1624		589					
5					.1778	168	.2030		688					
6					.2120	172	.2436		783					
7							.2842		867					
8							.3248		937					
9							.3654		1008					
10							.4060		1062					
11														
12														
13														
14														
15														

Gauge No. 76			Depth 3414'			Clock No. 2418			12 hour		
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.0000	174		220	.0000	206	.0000		269		
1	.0263	188		894	.0405	251*	.0408		375		
2	.0525	202			.0742	252	.0816		479		
3	.0788	213			.1079	258	.1224		586		
4	.1050	220			.1416	263	.1632		684		
5					.1753	266	.2040		793		
6					.2090	269	.2448		887		
7							.2856		971		
8							.3264		1036		
9							.3672		1100		
10							.4080		1152		
11											
12											
13											
14											
15											

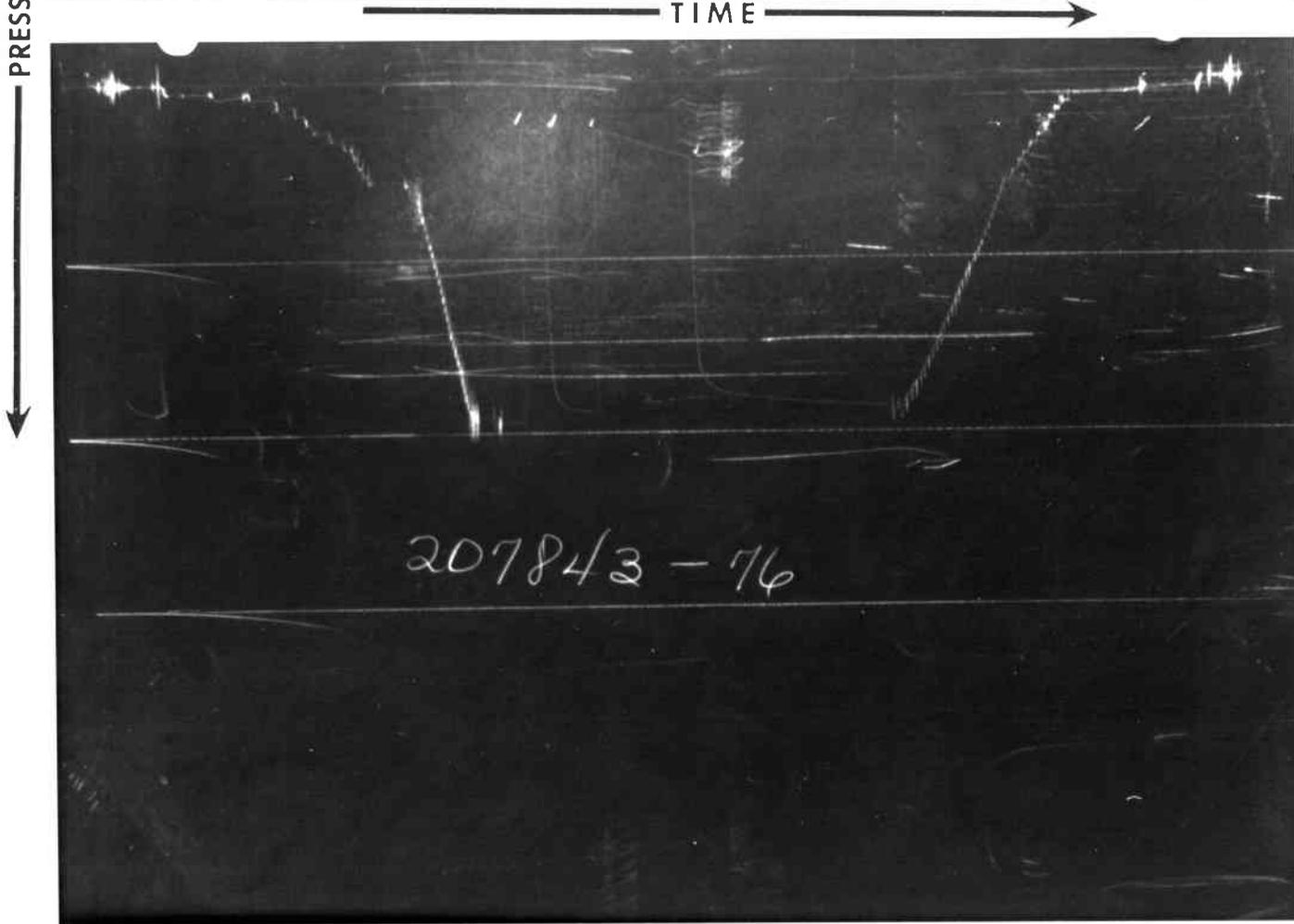
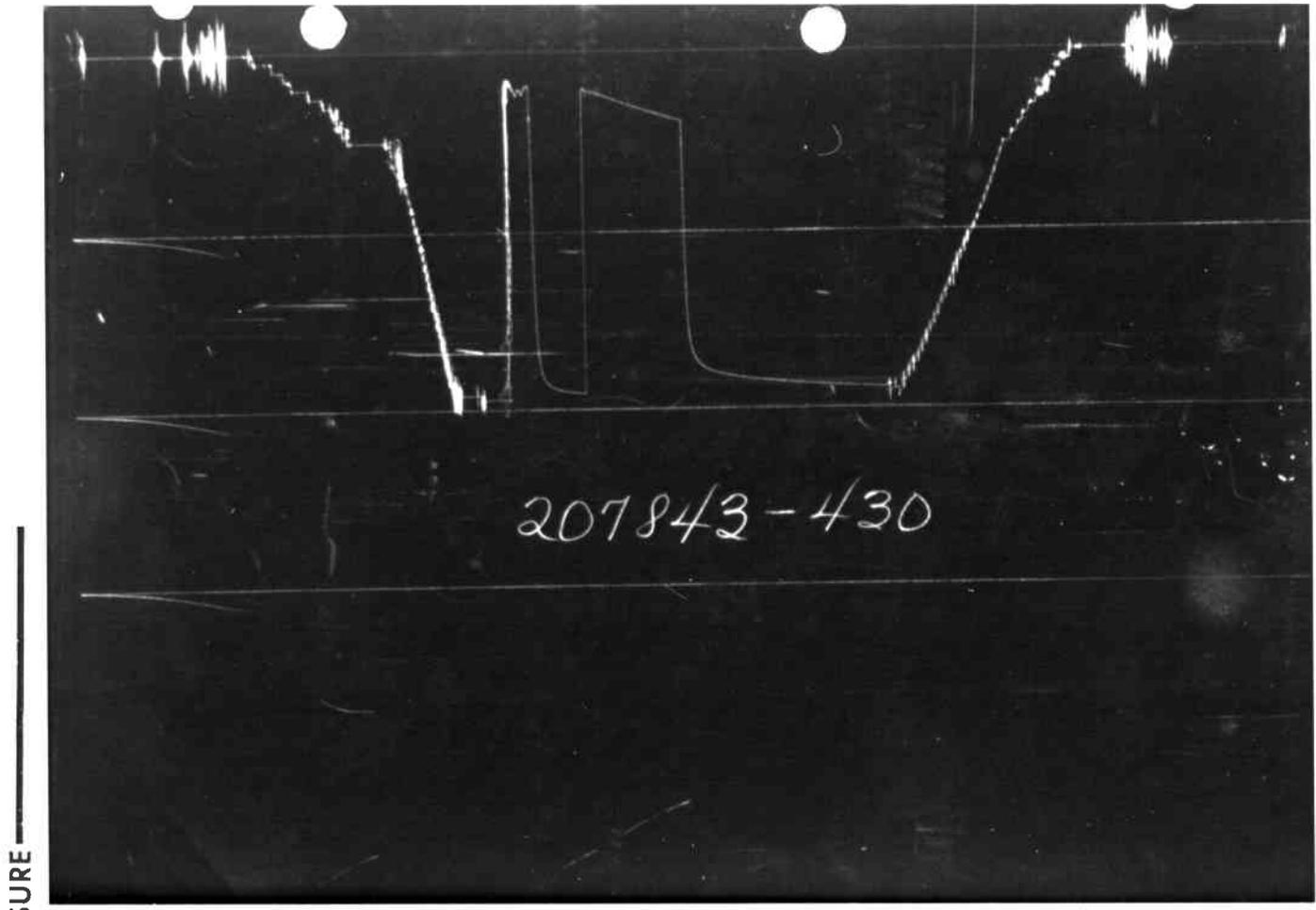
Reading Interval 4 5 10 Minutes

REMARKS: \*Interval = 6 minutes

SPECIAL PRESSURE DATA



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing .....	6 3/8"	2 7/8"	1'	
Reversing Sub .....				
Water Cushion Valve .....	4"	3.340"	2715'	
Drill Pipe .....	6 1/2"	2 1/4"	487'	
Drill Collars .....	6"	2 3/8"	.73'	
Welding Sub & Choker Assembly X0	5 7/16"	2 1/4"	.67'	
Dual CIP Valve X0	5"	.87"	6.75'	3202'
Dual CIP Sampler .....	5"	.87"	5'	3207'
Hydro-Spring Tester .....				
Multiple CIP Sampler .....				
Extension Joint .....				
AP Running Case .....	5"	3.06"	4'	3209'
Hydraulic Jar BIG JOHN JAR .....	5"	1.75"	5'	
VR Safety Joint .....	5"	1"	3'	
Pressure Equalizing Crossover .....				
Packer Assembly .....	7 3/4"	1.53"	5.75'	3227'
Distributor .....	5"	1.68"	2'	
Packer Assembly .....	7 3/4"	1.53"	5.75'	3235'
Flush Joint Anchor .....	5"	2.78"	10'	
Pressure Equalizing Tube X0	6 7/8"	2 7/8"	.73'	
Blanked-Off B.T. Running Case .....				
Drill Collars .....	6 1/4"	2 1/4"	156'	
Anchor Pipe Safety Joint .....				
Packer Assembly .....				
Distributor .....				
Packer Assembly .....				
Anchor Pipe Safety Joint .....				
Side Wall Anchor X0	6"	2 3/4"	.73'	
Drill Collars .....				
Flush Joint Anchor .....	5"	2.37"	10'	
Blanked-Off B.T. Running Case .....	5"	2.44"	4'	3414'
Total Depth .....				3418'



Each Horizontal Line Equal to 1000 p.s.i.

<b>FLUID SAMPLE DATA</b>				Date	8-8-78	Ticket Number	207843
Sampler Pressure	330 P.S.I.G. at Surface		Kind of Job	OPEN HOLE	Halliburton District	VERNAL	
Recovery: Cu. Ft. Gas	1.55		Tester	R. RIPPLE	Witness	DEMPSEY DAY	
cc. Oil	-		Drilling Contractor	THOMPSON DRILLING COMPANY #5			bj s
cc. Water	700		<b>EQUIPMENT &amp; HOLE DATA</b>				
cc. Mud	-		Formation Tested	Green River			
Tot. Liquid cc.	700		Elevation	-			
Gravity	* API @ *F.		Net Productive Interval	22' Ft.			
Gas/Oil Ratio	cu. ft./bbl.		All Depths Measured From	Kelly Bushing			
RESISTIVITY		CHLORIDE CONTENT	Total Depth	3625' Ft.			
Recovery Water	.20 @ 80 °F.	30000 ppm	Main Hole/Casing Size	7 7/8"			
Recovery Mud	1.2 @ 80 °F.	4500 ppm	Drill Collar Length	548'	I.D.	2.25"	
Recovery Mud Filtrate	@ °F.	ppm	Drill Pipe Length	2900'	I.D.	3.340"	
Mud Pit Sample	1.4 @ 80 °F.	3800 ppm	Packer Depth(s)	3479'	3485' Ft.		
Mud Pit Sample Filtrate	1.0 @ 100 °F.	4200 ppm	Depth Tester Valve	3462' Ft.			
Mud Weight	9.8	vis 50 sec					

Cushion	TYPE	AMOUNT	Depth Back Ft.	Back Pres. Valve	Surface Choke	Bottom Choke
Recovered	190	Feet of	mud, slightly gas cut.			
Recovered	735	Feet of	water, slightly mud and oil cut.			
Recovered		Feet of				
Recovered		Feet of				
Recovered		Feet of				

Remarks SEE PRODUCTION TEST DATA SHEET....CHARTS INDICATE POSSIBLE PARTIAL PLUGGING DURING INITIAL FLOW PERIOD....

TEMPERATURE	Gauge No. 430		Gauge No. 76		Gauge No.		TIME	
	Depth:	3464' Ft.	Depth:	3622' Ft.	Depth:	Ft.	Hour Clock	
Est. °F.	12 Hour Clock		12 Hour Clock		Blanked Off		Tool A.M.	
	Blanked Off NO		Blanked Off YES		Blanked Off		Opened 0858 P.M.	
Actual 100 °F.	CALC.		CALC.		CALC.		By-pass 1243 P.M.	
	Pressures		Pressures		Pressures		Reported	Computed
	Field	Office	Field	Office	Field	Office	Minutes	Minutes
Initial Hydrostatic	1766	1829	1886	1919				
First Period Flow	Initial	132	170	195	249			
	Final	158	175	195	248		15	14
	Closed in	1581	1821	1831	1889		30	31
Second Period Flow	Initial	184	193	223	245			
	Final	369	364	418	435		60	59
	Closed in	1766	1800	1845	1864		120	122
Third Period Flow	Initial							
	Final							
	Closed in							
Final Hydrostatic	1819	1812	1886	1893				

Legal Location Sec. - Twp. - Rng. 14 9S 20E  
 Lease Name NATURAL BUTTES UNIT  
 Well No. 11  
 Test No. 2  
 Field Area SOUTH OF DUARY  
 Mea. From Tester Valve  
 County UTAH  
 State UTAH  
 Lease Owner/Company Name CIGE EXPLORATION, INCORPORATED  
 Tested Interval 3485' to 3625'

10

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. 207843  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED \_\_\_\_\_

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
8-8-78						
2400						On location.
0400						Picked up tools.
0620						Ran in the hole with tools.
0858						Opened tool with a strong blow.
0906						Gas to surface.
0909						Opened surface flow to pit.
0913						Closed tool.
0943						Reopened tool with a strong blow.
0944						Opened to pit, installed 2"
0945		3/4"	21	411		Orifice tester.
0950		"	13	303		
0955		"	11	274		
1000		"	9.5	251		
1005		"	9.0	245		
1010		"	8.0	227		
1015		"	8.0	227		
1020		"	8.0	227		
1025		"	8.0	227		
1030		"	7.5	219		
1035		"	7.0	211		
1040		"	7.0	211		
1043						Closed tool.
1243						Pulled tool loose. Pulled out of hole
1430						Broke down tools.
1530						Loaded tools, read charts.
1600						Thru with job.

10



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing .....	6 3/8"	2 7/8"	1.00'	
Reversing Sub .....				
Water Cushion Valve .....	4.00"	3.340"	2900'	
Drill Pipe .....	6.25"	2.25"	548.78'	
Drill Collars .....	6.00"	2 5/8"	.81' X OVER	
Handling Sub & Choke Assembly .....				
Dual CIP Valve .....	5.00"	.87"	6.75'	3457'
Dual CIP Sampler .....	5.00"	.75"	5.00'	3462'
Hydro-Spring Tester .....				
Multiple CIP Sampler .....				
Extension Joint .....				
AP Running Case .....	5.00"	2.25"	4.00'	3464'
Hydraulic Jar .....	5.00"	1.75"	5.00'	
VR Safety Joint .....	5.00"	1.00"	3.00'	
Pressure Equalizing Crossover .....				
Packer Assembly .....	6.75"	1.53"	5.75'	3479'
Distributor .....				
Packer Assembly .....	6.75"	1.53"	5.75'	3485'
Flush Joint Anchor .....	5.75"	2.87"	29'	
Pressure Equalizing Tube .....				
Blanked-Off B.T. Running Case .....	6.00"	2.25"	.73'	X OVER
Drill Collars .....	6.25"	2.25"	94.14'	
Anchor Pipe Safety Joint .....	5.75"	2.25"	1.00' X OVER	
Packer Assembly .....				
Distributor .....				
Packer Assembly .....				
Anchor Pipe Safety Joint .....				
Side Wall Anchor .....				
Drill Collars .....				
Flush Joint Anchor .....	5.75"	2.87"	10'	
Blanked-Off B.T. Running Case .....	5.75"	2.44"	4.00'	3622'
Total Depth .....				3625'

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 DATE: 5/9/78  
 BY: C.B. [Signature]

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PERMIT NO. 43-047-30724 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

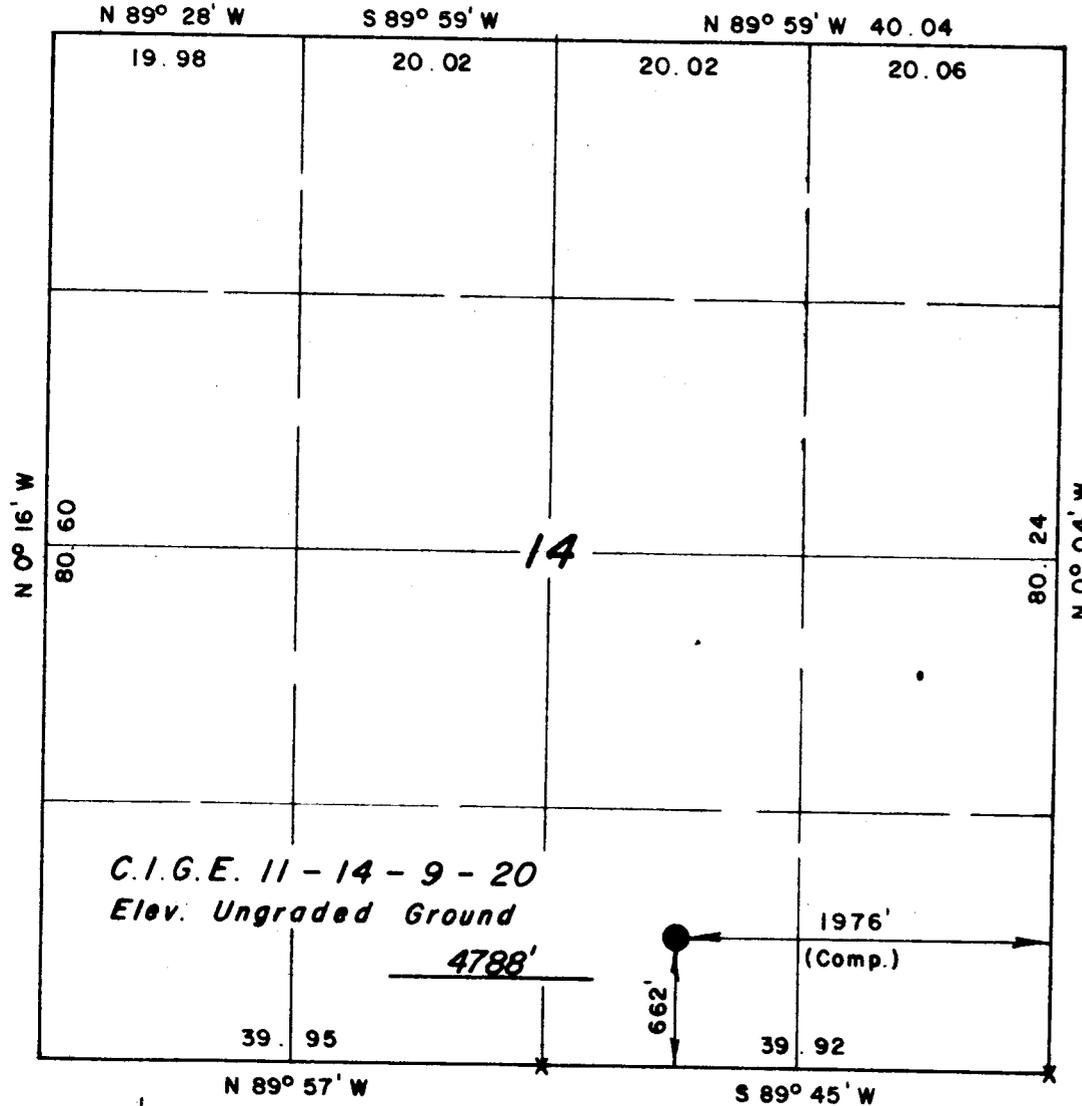
CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 20 E, S.L.B. & M.

PROJECT

C.I.G. EXPLORATION, INC.

Well location, C.I.G.E. 11-14-9-20,  
located as shown in the SW 1/4 SE 1/4  
Section 14, T 9 S, R 20 E, S.L.B. & M.  
Utah County, Utah.



X = Section Corners Located



CERTIFICATE

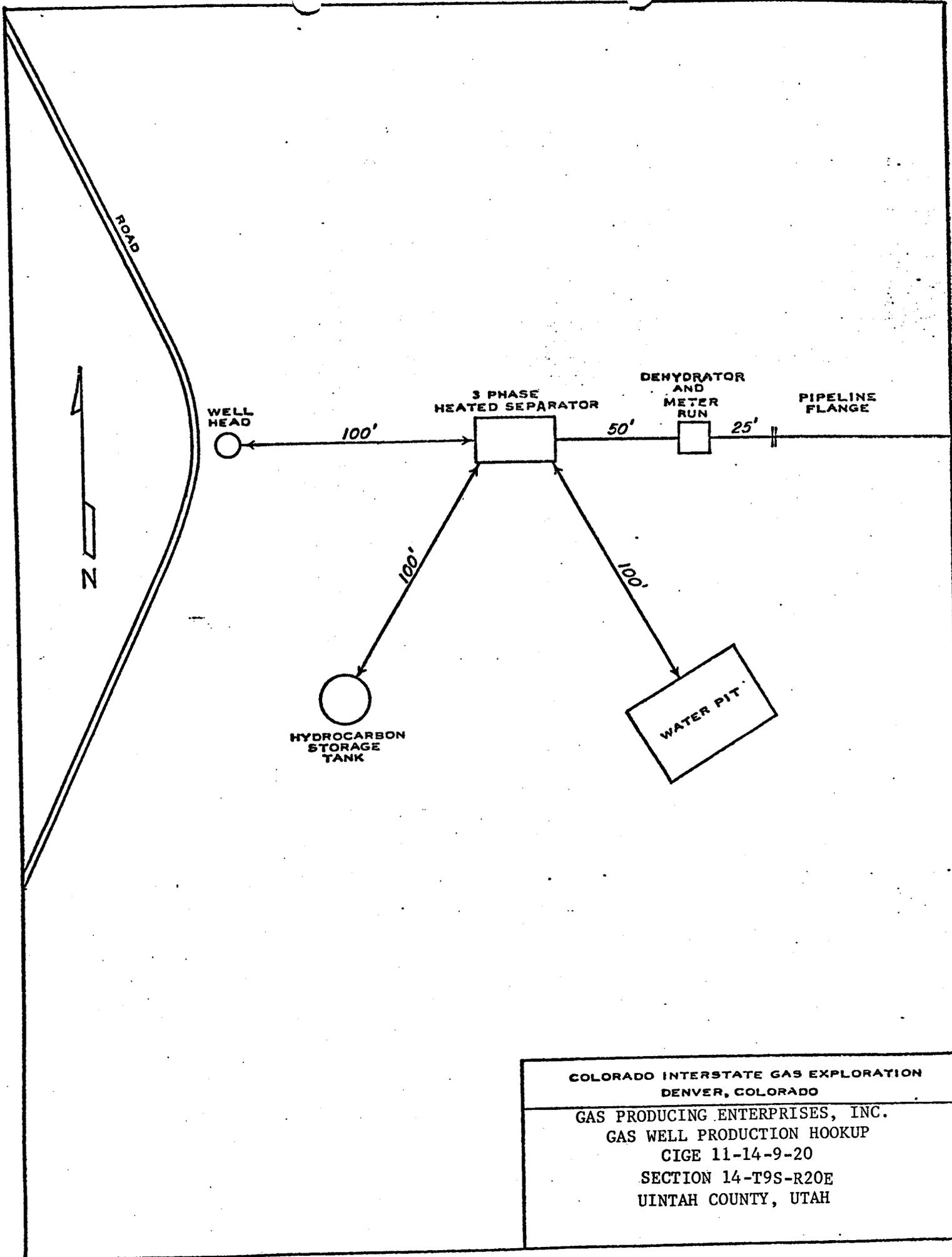
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Gene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

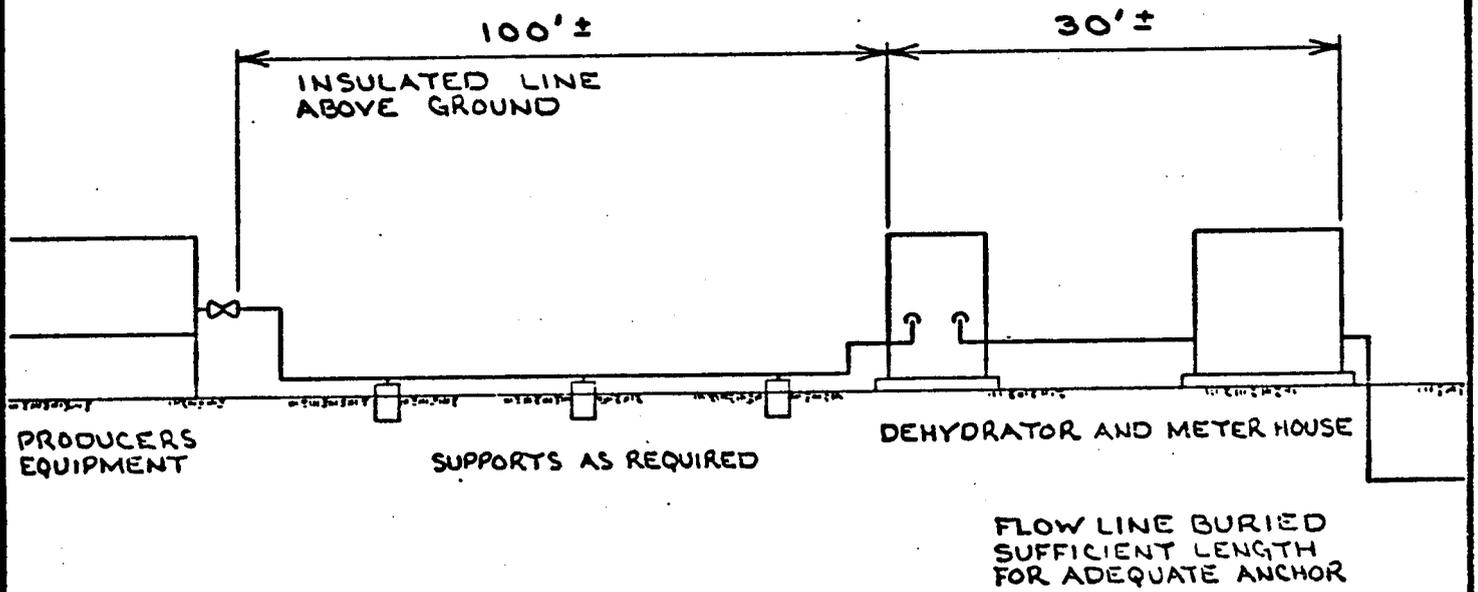
UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 4 / 15 / 78
PARTY M.S. K.H.      BFW	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G. EXPLORATION, INC.



COLORADO INTERSTATE GAS EXPLORATION  
DENVER, COLORADO

GAS PRODUCING ENTERPRISES, INC.  
GAS WELL PRODUCTION HOOKUP  
CIGE 11-14-9-20  
SECTION 14-T9S-R20E  
UINTAH COUNTY, UTAH



						<i>Colorado Interstate Gas Co.</i> COLORADO SPRINGS, COLORADO				
						TYPICAL WELL HEAD INSTALLATION NATURAL BUTTES FIELD				
						UINTAH COUNTY,		UTAH		
NO.	C O NO.	DESCRIPTION	DATE	BY	CHK	APPR	SCALE NONE	DRAWN RWP	APP.	
REVISIONS						DATE: 7-18-77	CHECK:	C O 23858	115FP-2 1/8	

PIPELINE TO BE ADEQUATELY ANCHORED TO PREVENT UNDUE MOVEMENT OR STRAIN TO EXISTING FACILITY. NUMBER AND SPACING OF ANCHORS TO BE DETERMINED IN FIELD

FOR PIPE ANCHOR DETAIL SEE DWG. 80FM3-4A

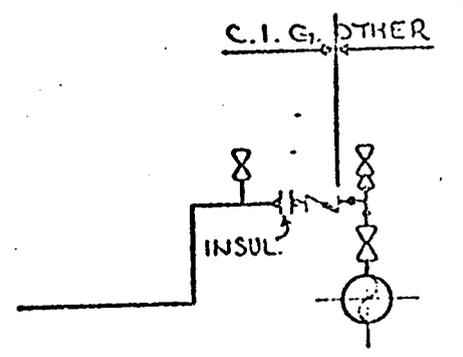
20'±

80  
0  
Y  
J  
S

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.G.)



TYP. FOR CONN. TO M.F.S.


Colorado Interstate Gas Co.  
COLORADO SPRINGS COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD

JUNTA COUNTY, UTAH

1	23858	REVISE STARTING POINT 8-27-77 RVP						
NOTE	C O NO	DESCRIPTION	DATE	BY	SCALE	NONE	DATE RVP	115FP-1 1/2
		REVISIONS						23858

# ESTIMATE SKETCH

DATE: 18 Aug 77  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
 COMPANY  CONTRACT

COLORADO INTERSTATE GAS COMPANY  
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
REVISION NO.: A/4/25/78  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: USFU-1A-1

LOCATION: T9S, R20E NATURAL BUTTES FIELD COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: CONNECT BELCO UNIT #11-14B CONNECT CIGE #11-14-9-20  
CONNECT BELCO UNIT #12-23B

REQUESTED BY: GAS SUPPLY APPROXIMATE MILEAGE: - PROJECT ENGINEER: D. SHERKILL



Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.

April 25, 1978

Statement for permit to lay flow line, to be included with application for Drilling Permit -- CIGE #11-14-9-20.

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #11-14-9-20 in a southerly direction through the SE $\frac{1}{4}$  of S14, connecting to an existing MFS pipeline in the NE $\frac{1}{4}$  of S23, all in T9S, R20E. The line will be approximately 1,400' long as shown on the accompanying sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER - 1750'  
WASATCH - 5125'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH - 5125' - GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8"	36#	K-55	STC	NEW
4-1/2"	11.6#	N-80	LTC	NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom: 3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Top: Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.  
BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned  
No cores are expected to be cut.

Logs: DUAL INDUCTION LATEROLOG  
COMPENSATED NEUTRON-FORMATION DENSITY

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

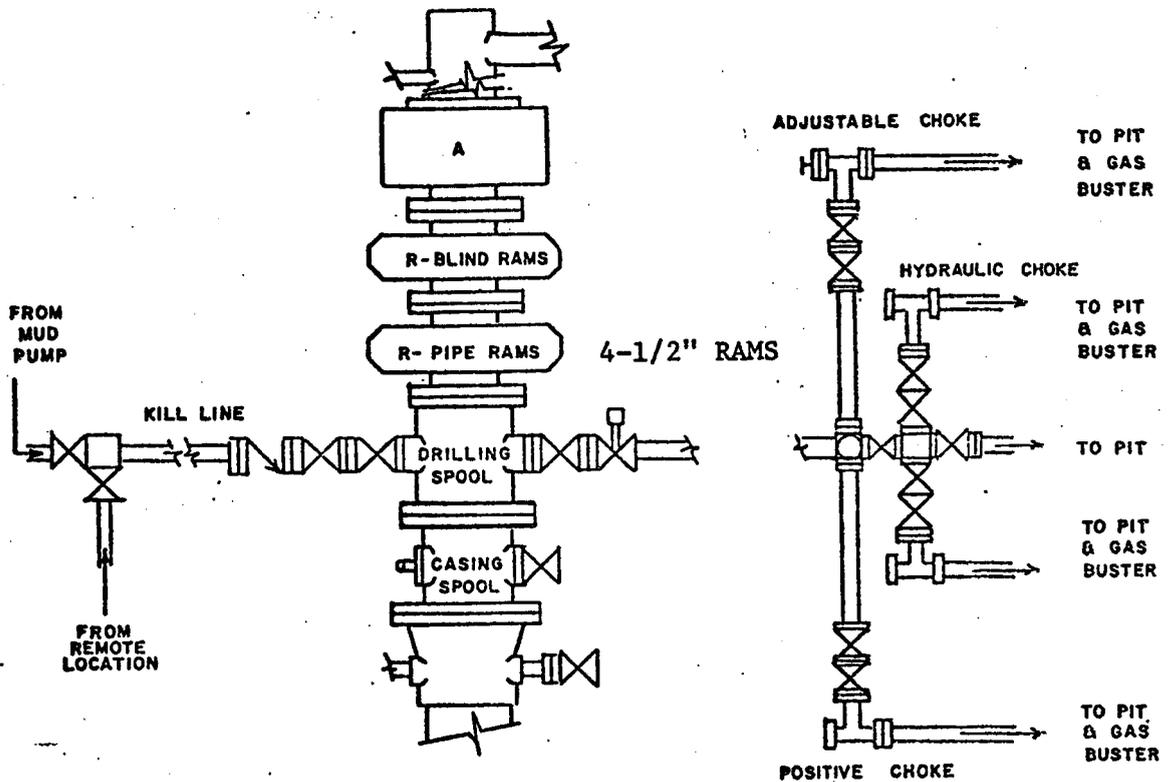
No abnormal pressures or temperatures expected  
No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

START: SEPTEMBER 10, 1978  
DURATION: THREE WEEKS

3000 psi

psi Working Pressure BOP's



### Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

CIG EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

CIGE 11-14-9-20

Located In

Section 14, T9S, R20E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location CIGE 11-14-9-20, located in the SW 1/4 SE 1/4 Section 14, T9S, R20E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray, Utah; proceed on South along a county road 3.4 miles along the Seep Ridge Road to its junction with a service road to the East; proceed Easterly along this road  $\pm$  3.3 miles to it's junction with the proposed access road to be described in Item #2.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surfaced with native asphalt, to the oil field service road.

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

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road described in Item #1 in the NW 1/4 NE 1/4 and proceeds in a Northerly direction  $\pm$  1800' to the proposed location site in the SW 1/4 SE 1/4 Section 14, T9S, R20E, S.L.B. & M.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that this access road traverses is around the base of a small hill and down off a small bluff.

The vegetation of this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 14, T9S, R20E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other CIG Exploration Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

Plans for a gas flow line from this location to an existing flowline or gas gathering line will be submitted to the proper authorities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling and production of this well will be hauled by truck from the White River South of Ouray, Utah utilizing the roads described in Items #1 & #2 approximately 6 miles Northwest of the proposed location site.

In the event the above source is not used other arrangements will be made and submitted to the proper authorities for approval.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

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.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only two in the area having a year round flow being Willow Creek to the West and the White River to the North, of which the numerous washes, draws and non-perennial streams are tributaries to the White River.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely rare heavy thunderstorms or rain storms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All the drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominately of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

OTHER INFORMATION - continued

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

CIGE 11-14-9-20 location site sits on a relative flat area at the base of a small bluff, and slopes to the North into a non-perennial drainage which drains to the North into the White River.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the East Southeast through the location to the West Northwest at approximately a 3% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OPERATOR'S REPRESENTATIVE

Frank R. Midkiff  
CIG Exploration Incorporated  
P.O. Box 749  
Denver, Colorado 80201

TELE: 1-303-572-1121

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by CIG Exploration Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with the plan and the terms and conditions under which it is approved.

Date

5/3/78

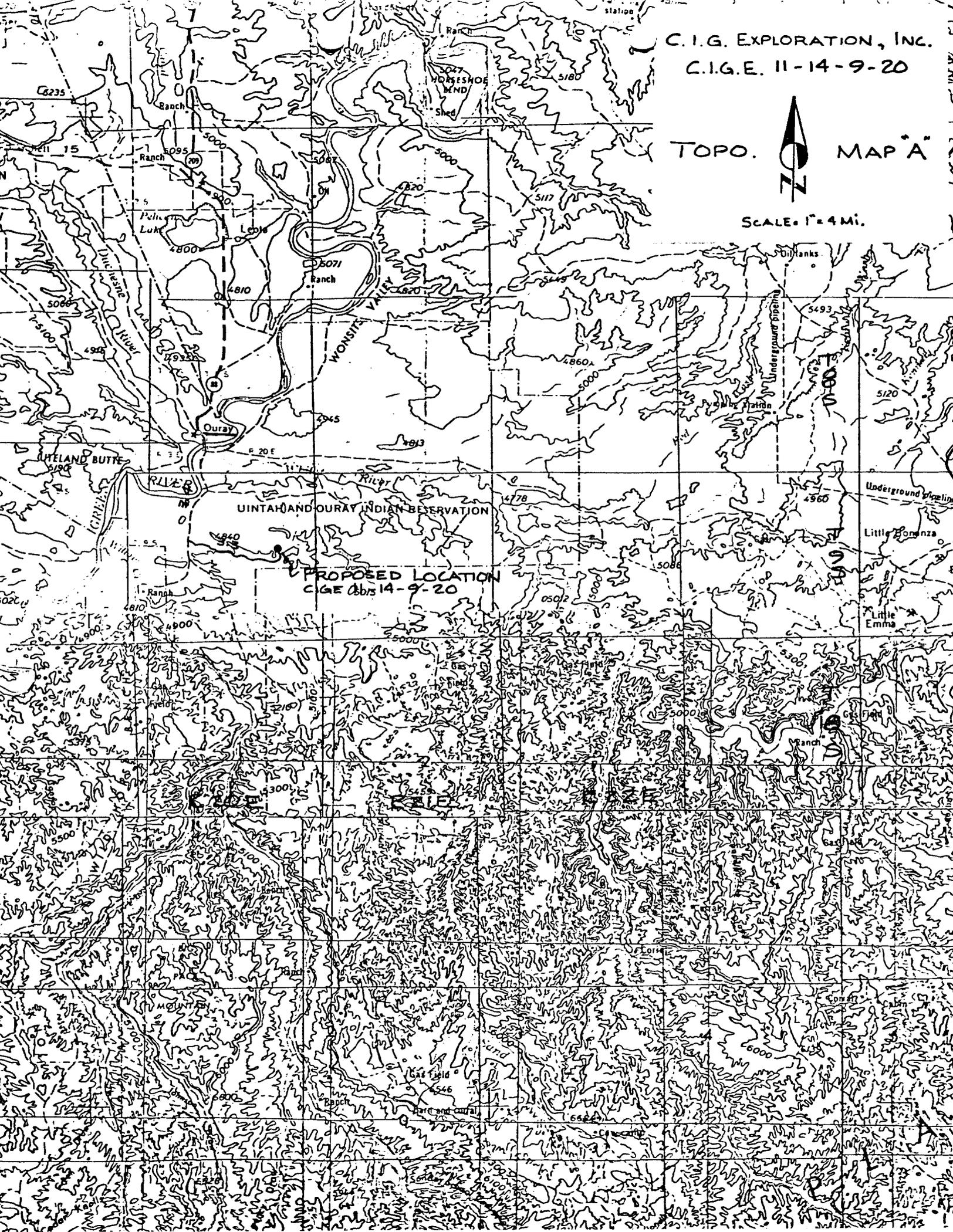
Frank R. Midkiff  
Frank R. Midkiff

C. I. G. EXPLORATION, INC.  
C. I. G. E. 11-14-9-20

TOPO. MAP A



SCALE: 1" = 4 Mi.



UINTAH AND OURAY INDIAN RESERVATION

PROPOSED LOCATION  
CIG E 11-14-9-20

OURAY RIVER

OURAY RIVER

Underground piping

Underground piping

Little Emma

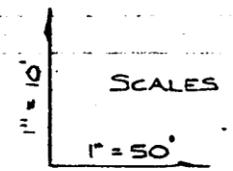
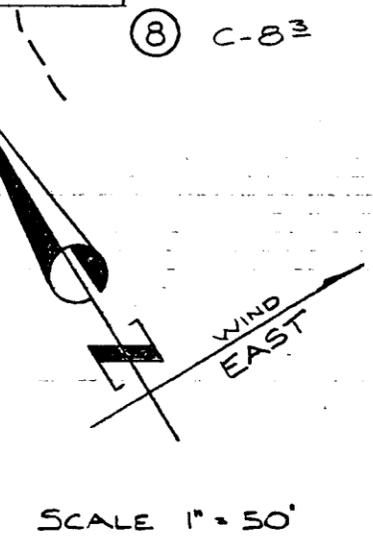
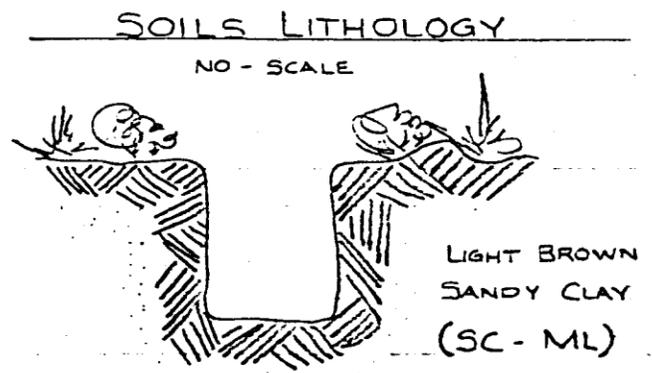
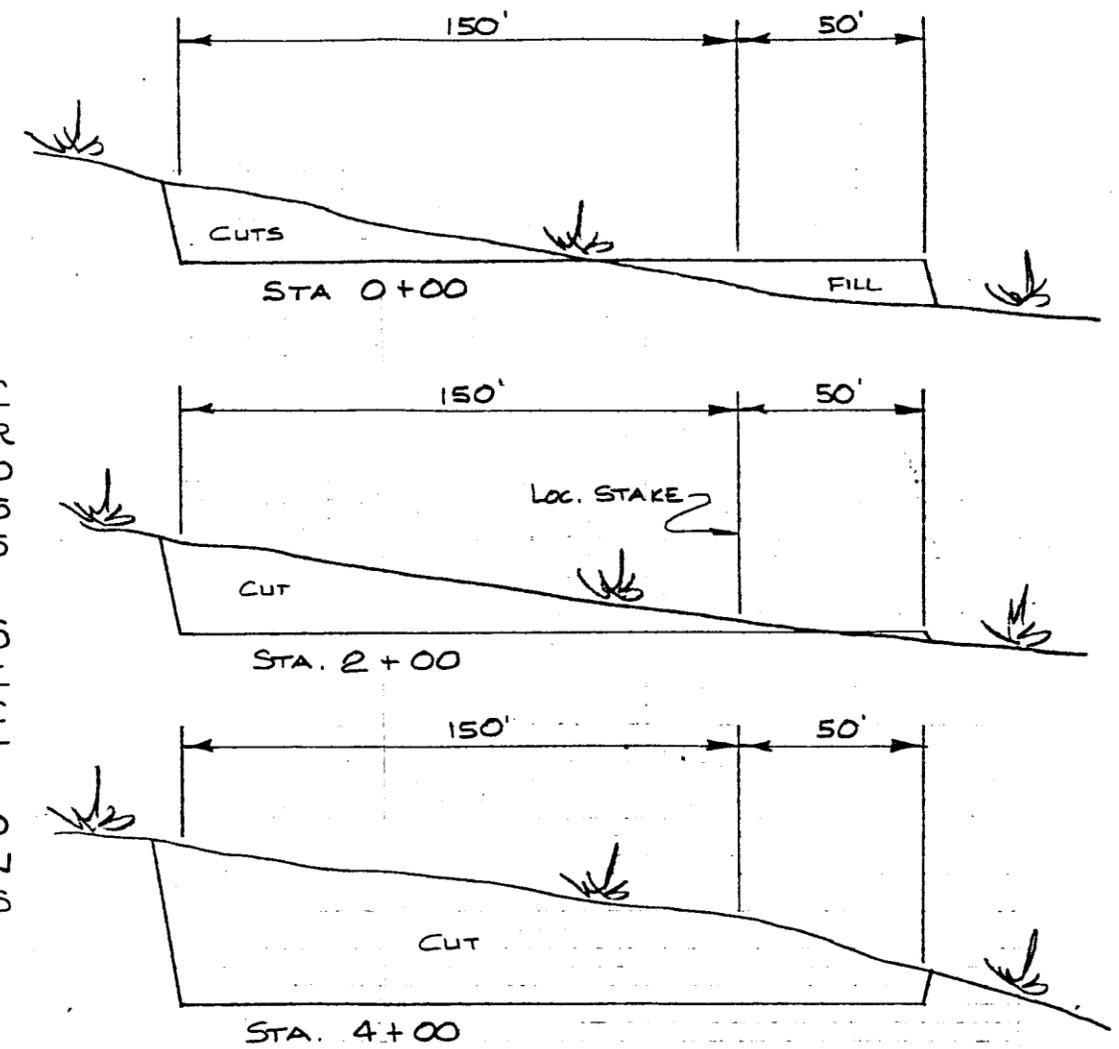
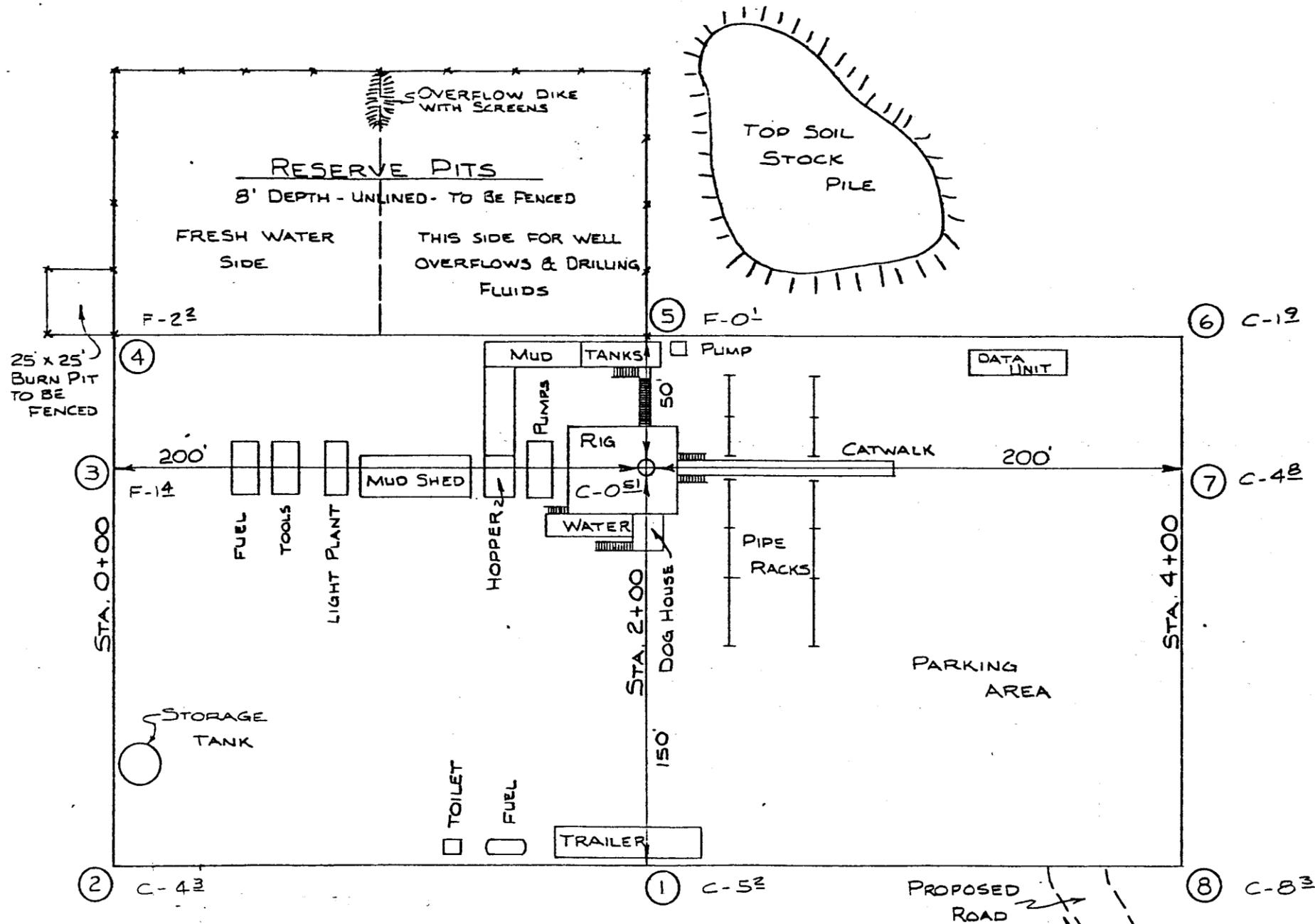
Ranch

Gas field

Oil tanks

Little Emma

C.I.G. EXPLORATION, INC.  
 C.I.G.E. 11-14-9-20  
 LOCATION LAYOUT SHEET



**APPROX. YARDAGES**  
 CUT 8,704 CU. YDS.  
 FILL 445 CU. YDS.

C.I.G. EXPLORATION, INC.

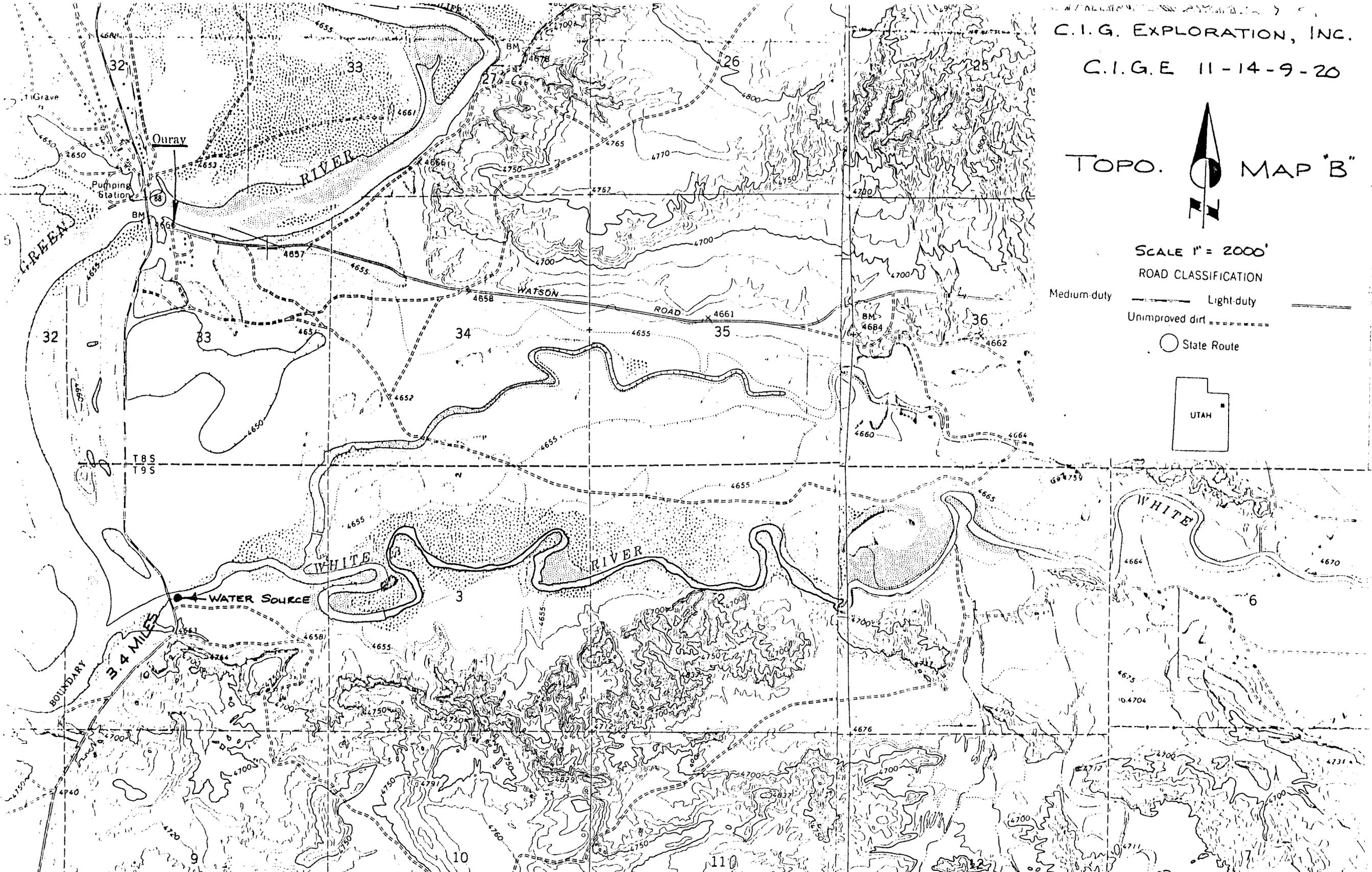
C.I.G.E 11-14-9-20



SCALE 1" = 2000'

ROAD CLASSIFICATION

- Medium-duty
- Light-duty
- Unimproved dirt
- State Route



Ouray

GREEN RIVER

WHITE RIVER

WATSON ROAD

WATER SOURCE

BOUNDARY 3.4 MILES

WHITE RIVER

32

33

34

35

36

Pumping Station

T8S  
T9S

UTAH

6

3

10

11

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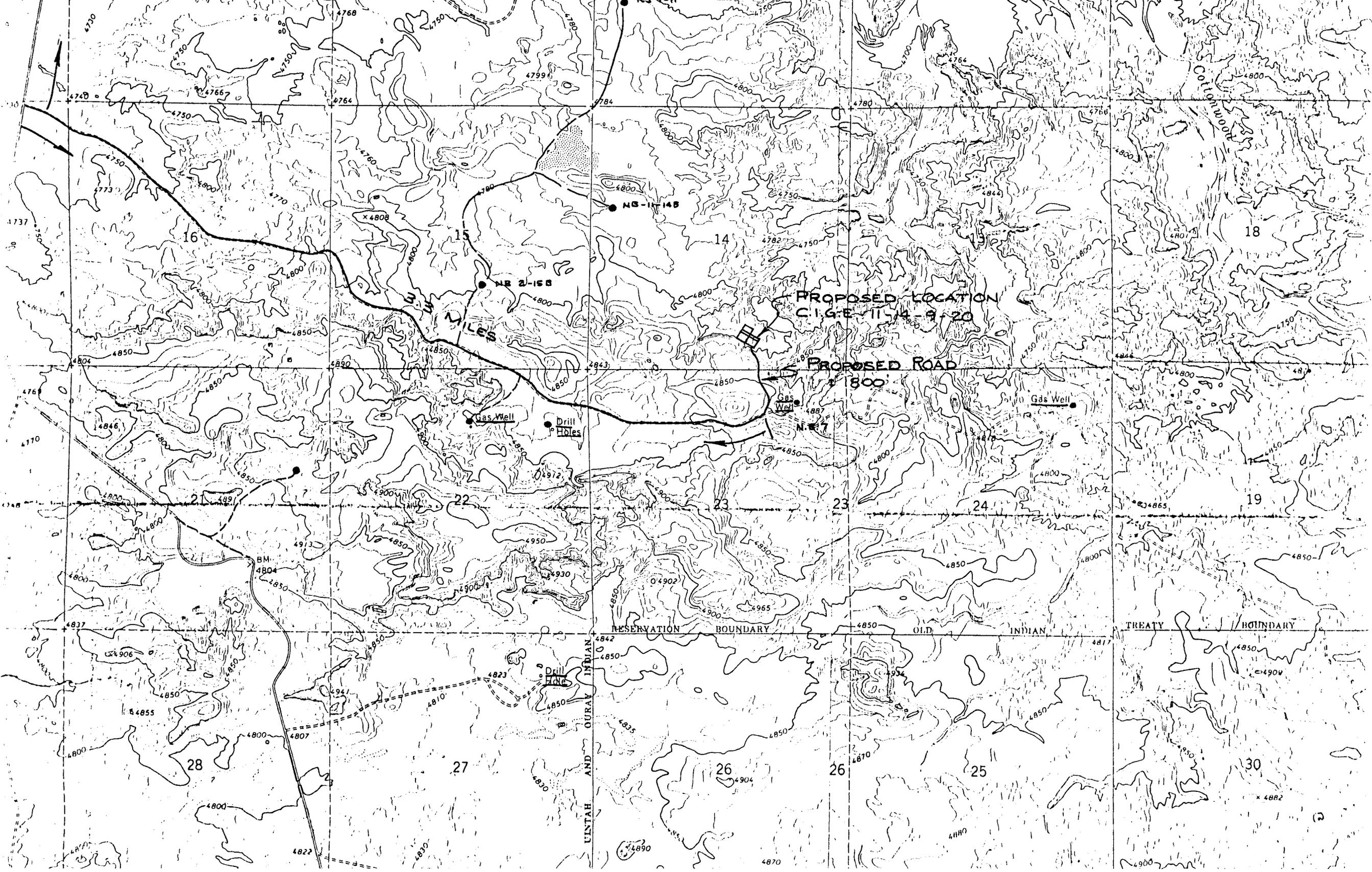
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PROPOSED LOCATION  
C.I.G.E. 11-14-9-20

PROPOSED ROAD

RESERVATION BOUNDARY  
OLD INDIAN TREATY BOUNDARY

UNTAH AND OURAY INDIAN

NILES

16

15

14

18

21

22

23

24

19

28

27

26

25

30

Gas Well

Drill Holes

Gas Well

Gas Well

BM 4804

Drill Holes

LAPEL

(2)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: May 9-  
Operator: Gas Producing (CIG)  
Well No: Natural Bottoms Cye - 11-14-9-20  
Location: Sec. 14 T. 9S R. 20E County: Uintah

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

API NUMBER: 43-047-30424

CHECKED BY:

Administrative Assistant AW

Remarks: OK - that well

Petroleum Engineer OK

Remarks: 7

Director \_\_\_\_\_

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK Survey Plat Required:

Order No. \_\_\_\_\_ Surface Casing Change   
to \_\_\_\_\_

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

O.K. Rule C-3  O.K. In Nat. Bottoms Unit

Other:

Letter Written/Approved

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse 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.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>2. NAME OF OPERATOR</b> GAS PRODUCING ENTERPRISES, INC. <b>3. ADDRESS OF OPERATOR</b> P. O. BOX 749, DENVER, CO 80201 <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  662' FSL 7 1976; FEL SECTION 14-T9S-R20E  <b>14. PERMIT NO.</b>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-0577-A <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A <b>7. UNIT AGREEMENT NAME</b> NATURAL BUTTES UNIT <b>8. FARM OR LEASE NAME</b> NATURAL BUTTES UNIT <b>9. WELL NO.</b> CIGE 11-14-9-20 <b>10. FIELD AND POOL, OR WILDCAT</b> BITTER CREEK FIELD <b>11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA</b> SECTION 14-T9S-R20E <b>12. COUNTY OR PARISH</b> <b>13. STATE</b> Uintah UTAH
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 4788' UNGR. 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) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	PIPELINE HOOKUP <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.)\*

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
  - (A) TYPICAL WELL HEAD INSTALLATION
  - (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: May 19, 1978  
BY: [Signature]

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

SIGNED [Signature] TITLE DISTRICT SUPERINTENDENT DATE MAY 15, 1978  
 F. R. MIDKIFF  
 (This space for Federal or State office use)

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

LEASE U-0577-A DATE 6-1-78

WELL NO. G.T.G.E. 11-14-9-20

LOCATION: SW 1/4 SE 1/4, SEC. 14, T. 9S, R. 20E

FIELD Utah Natural COUNTY Utah STATE Utah  
Butte

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Gas Producing Enterprises (COMPANY) PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 670 OFT. TD. 2) TO CONSTRUCT A

DRILL PAD 200 FT. X 400 FT. AND A RESERVE PIT 100 FT. X 200 FT. 3) TO CONSTRUCT 1/8 FT. WIDE X 1,800 ~~feet~~ MILES ACCESS ROAD AND UPGRADE 1/8 FT. WIDE X \_\_\_\_\_ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD, TO

GAS  OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD AND  TRUCK  TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN SECTION \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY:  ROLLING HILLS  DISSECTED TOPOGRAPHY  DESERT OR PLAINS  STEEP CANYON SIDES  NARROW CANYON FLOORS  DEEP DRAINAGE IN AREA  SURFACE WATER Due to distance from live streams minor or no impact anticipated. Drainage is to north to White River.

(2) VEGETATION:  SAGEBRUSH  PINION-JUNIPER  PINE/FIR  FARMLAND (CULTIVATED)  NATIVE GRASSES  OTHER \_\_\_\_\_

Removal of vegetation from approx 2 Acres of land. Not available for stock.

(3) WILDLIFE:  DEER  ANTELOPE  ELK  BEAR  SMALL MAMMAL  BIRDS  ENDANGERED SPECIES  OTHER \_\_\_\_\_

Pits to be fenced and if oil in pit overhead flagged to prevent injury to stock or wildlife  
BIA has made a plant or animal inventory.

(4) LAND USE:  RECREATION  LIVESTOCK GRAZING  AGRICULTURE  MINING  INDUSTRIAL  RESIDENTIAL  OIL & GAS OPERATIONS

Primary use of land is for oil & gas operations

REF: ~~BLM UMBRELLA EAR~~ ENVIRONMENTAL IMPACT ANALYSIS, Well #11-14-9-20, BIA, Utah  
~~USFS EAR~~  
~~OTHER ENVIRONMENTAL ANALYSIS~~

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED 100 ft west TO AVOID ~~200 ft~~  
 LARGE SIDEHILL CUTS  NATURAL DRAINAGE  OTHER \_\_\_\_\_

4)

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED 6-1-78

INSPECTOR S. R. Cook

E. W. Seymour  
U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERAT  
SALT LAKE CITY DISTRICT

EVANS COMMENTS 6/7/78 (over)

EA Does not meet standards of Instructional memo NO 71-04-PR.

Reference in AREA. 13-95-208 Negative Declaration & Environmental impact analysis, BIA, Ft Duchesne, Utah

Related reference BLM Oil & Gas EAR, Vernal District  
Rainbow Planning Unit Resource Analysis, BLM, Vernal, Utah.

These documents are on file with the agency's state offices and are incorporated herein by reference.

This is also a development well in natural buttes field and several other EA's on individual wells are available as reference -

The APD includes details of proposed action and other environmental data -

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-0577-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

**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

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

662' FSL 7 1976; FEL SECTION 14-T9S-R20E

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO.

CIGE 11-14-9-20

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SECTION 14-T9S-R20E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

4788' UNGR. GR.

12. COUNTY OR PARISH

UINTAH

18. STATE

UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

PIPELINE HOOKUP

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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.)\*

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(A) TYPICAL WELL HEAD INSTALLATION

(B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL

(2) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: May 19, 1978

BY: P. R. Ansell

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

SIGNED

F. R. Midkiff  
F. R. MIDKIFF

TITLE DISTRICT SUPERINTENDENT

DATE MAY 15, 1978

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



# LITE RESEARCH LABORATORIES

Certificate of Analysis

P O Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

DATE: August 15, 1978

CLIENT: CIGE

SAMPLE NUMBER: W-5372

DATE RECEIVED:

SUBMITTED BY:

SAMPLES ANALYZED FOR: CO + Form Water. Separate Oil and do gravity and anything else.

---

RESULTS:

A.P.I. Gravity - 19.7 = 0.9358

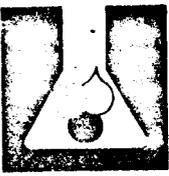
Did not have enough oil to run anything else.

REMARKS:

BY \_\_\_\_\_







# LITE RESEARCH LABORATORIES

P.O. Box 266

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-5416  
 SAMPLE TAKEN 8-8-78  
 SAMPLE RECEIVED 8-9-78  
 RESULTS REPORTED 8-15-78

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. Ouray  
 COMPANY Colorado Interstate Gas ExploREASE WELL NO. 11  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS Dst 2# middle of fluid  
CIGE 11# SAMPLE TAKEN BY Randy Ripple

### CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0326 pH 7.00 RES. 0.20 OHM METERS @ 77° F

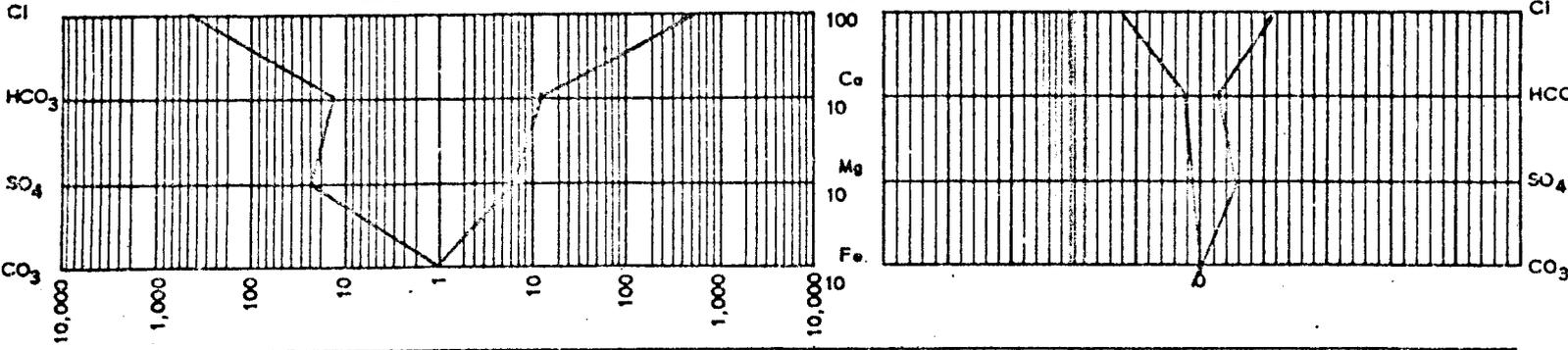
TOTAL HARDNESS 1049.2 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 1,450.0 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	270.0	13.50		
MAGNESIUM - Mg ++	91.0	7.46		
SODIUM - Na +	14,200	617.39		
BARIUM (INCL. STRONTIUM) - Ba ++	0.92	0.01		
TOTAL IRON - Fe ++ AND Fe +++	0.25	0.01	638.4	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	884.7	14.50		
CARBONATE - CO <sub>3</sub> <sup>==</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>==</sup>	1,400.0	29.17		
CHLORIDE - CL -	21,044.7	592.81	636.5	
TOTAL DISSOLVED SOLIDS	42,080.0			

MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_



# LITE RESEARCH LABORATORIES

P.O. Box 266

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-5417  
 SAMPLE TAKEN 8-8-78  
 SAMPLE RECEIVED 8-9-78  
 RESULTS REPORTED 8-15-78

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. Ouray  
 COMPANY Colorado Interstate Gas Exploration WELL NO. 11  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS Sampler CIGE Dst 2#  
CIGE 11# SAMPLE TAKEN BY Randy Ripple

### CHEMICAL AND PHYSICAL PROPERTIES

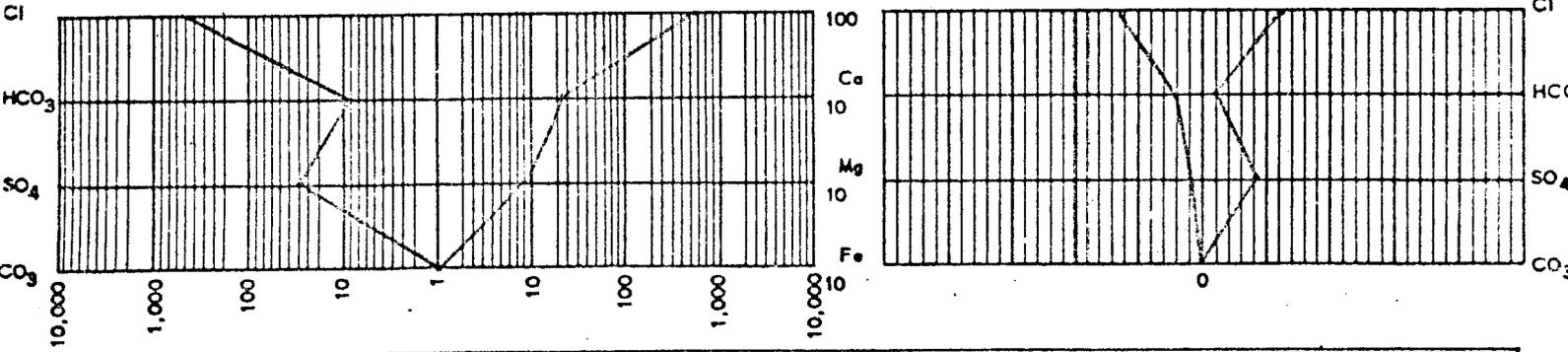
SPECIFIC GRAVITY @60/60° F. 1.0385 pH 8.13 RES. 0.16 OHM METERS @ 77° F  
 TOTAL HARDNESS 1530.9 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 900.00 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca <sup>++</sup>	430.0	21.50		
MAGNESIUM - Mg <sup>++</sup>	111.0	9.10		
SODIUM - Na <sup>+</sup>	15,600	678.26		
BARIUM (INCL. STRONTIUM) - Ba <sup>++</sup>	0	0		
TOTAL IRON - Fe <sup>++</sup> AND Fe <sup>+++</sup>	0.15	0.01	708.9	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	549.1	9.00		
CARBONATE - CO <sub>3</sub> <sup>==</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>==</sup>	1,280.0	42.67		
CHLORIDE - CL <sup>-</sup>	22,168.1	624.43	676.1	
TOTAL DISSOLVED SOLIDS	47,160.0			

### MILLEQUIVALENTS PER LITER

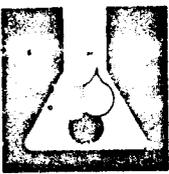
LOGARITHMIC

STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_



# LITE RESEARCH LABORATORIES

P.O. Box 266

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-5418  
 SAMPLE TAKEN 8-8-78  
 SAMPLE RECEIVED 8-9-78  
 RESULTS REPORTED 8-15-78

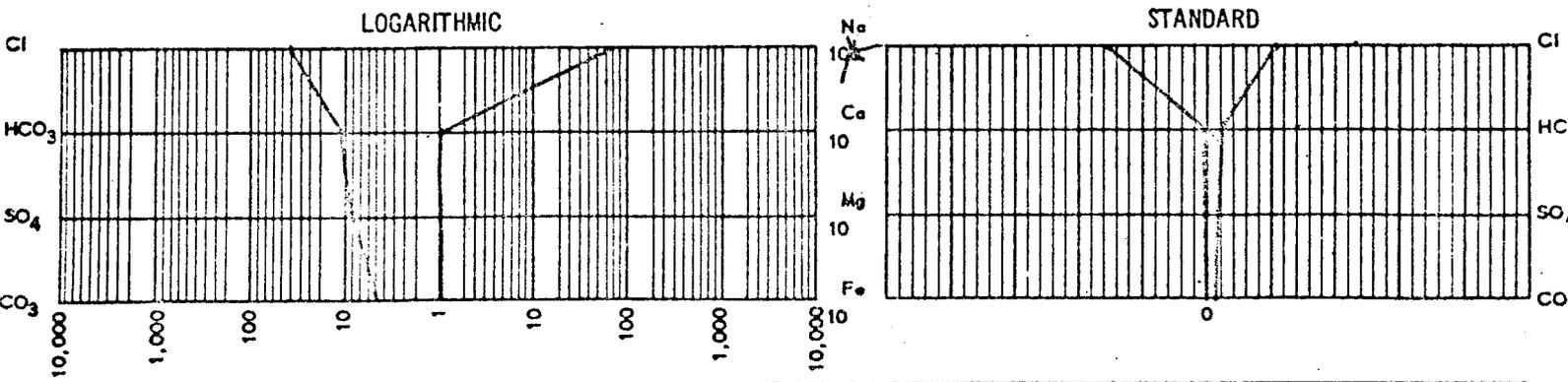
SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. Ouray  
 COMPANY Colorado Interstate Gas Exp LEASE \_\_\_\_\_ WELL NO. 11  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS CIGE Dst #2 top of fluid  
CIGE #11  
 SAMPLE TAKEN BY Randy Ripple

### CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0037 pH 9.42 RES. 1.33 OHM METERS @ 77° F  
 TOTAL HARDNESS 31.4 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 1,300.00 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	6.2	0.31		
MAGNESIUM - Mg ++	3.3	0.27		
SODIUM - Na +	1,800	78.26		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	1.3	0.05	78.9	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	610.1	10.02		
CARBONATE - CO <sub>3</sub> <sup>--</sup>	180.0	6.00		
SULFATE - SO <sub>4</sub> <sup>--</sup>	450.0	9.37		
CHLORIDE - CL <sup>-</sup>	1,899.4	53.51	78.9	
TOTAL DISSOLVED SOLIDS	5,230.0			

### MILLEQUIVALENTS PER LITER



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_

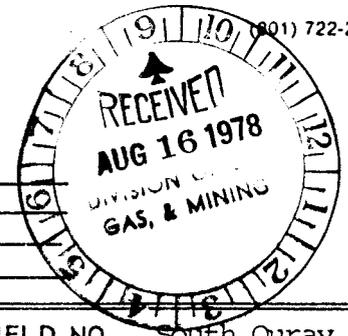


# LITE RESEARCH LABORATORIES

P.O. Box 266

Fort Duchesne, Utah 84026

(801) 722-2254



LABORATORY NUMBER W-5372  
 SAMPLE TAKEN \_\_\_\_\_  
 SAMPLE RECEIVED \_\_\_\_\_  
 RESULTS REPORTED 8-15-78

SAMPLE DESCRIPTION CIG Ex. FIELD NO. South Ouray  
 COMPANY Colorado Interstate Gas Expl. LEASE N.B. WELL NO. 11  
 FIELD \_\_\_\_\_ COUNTY Uintah STATE Utah  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION Lower Green River TOP 3244  
 REMARKS \_\_\_\_\_

SAMPLE TAKEN BY Halliburton (Randy Ripple)

### CHEMICAL AND PHYSICAL PROPERTIES

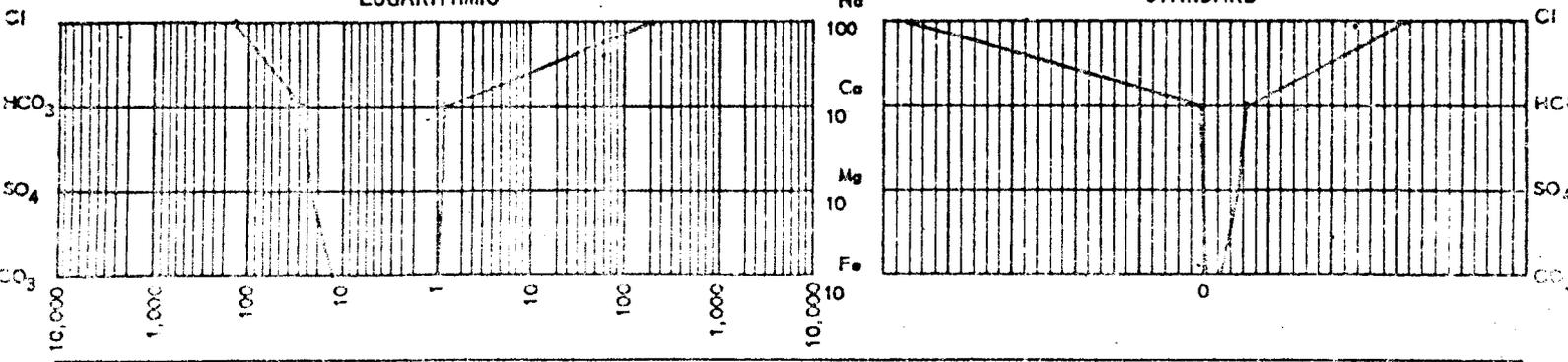
SPECIFIC GRAVITY @60/60° F. 1.0123 pH 9.28 RES. 0.38 OHM METERS @ 77° F  
 TOTAL HARDNESS 35.7 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 4050.00 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg L.	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
GALCIUM - Ca ++	4.2	.21		
MAGNESIUM - Mg ++	5.6	.46		
SODIUM - Na +	5400.0	234.78		
BARIUM (INCL. STRONTIUM) - Ba ++	1.0	0.01		
TOTAL IRON - Fe ++ AND Fe +++	1.2	0.04	235.5	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	2043.9	33.51		
CARBONATE - CO <sub>3</sub> <sup>--</sup>	419.9	14.00		
SULFATE - SO <sub>4</sub> <sup>--</sup>	1330.0	27.71		
CHLORIDE - CL <sup>-</sup>	5686.7	160.19	235.4	
TOTAL DISSOLVED SOLIDS	16,400.0			

### MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_

Contractor Thompson Drlg. Inc. Top Choke 1/2" & 3/4"  
 Rig No. 5 Bottom Choke 9/16"  
 Spot SW-SE Size Hole 7 7/8"  
 Sec. 14 Size Rat Hole --  
 Twp. 9 S Size & Wt. D. P. 4" 14.00  
 Rng. 20 E Size Wt. Pipe --  
 Field Natural Buttes I. D. of D. C. 2 1/4"  
 County Uintah Length of D. C. 600'  
 State Utah Total Depth 4752'  
 Elevation 4802' "K.B." Interval Tested 4705-4752'  
 Formation Wasatch Type of Test Bottom Hole  
Conventional

Flow No. 1 15 Min.  
 Shut-in No. 1 30 Min.  
 Flow No. 2 60 Min.  
 Shut-in No. 2 120 Min.  
 Flow No. 3 -- Min.  
 Shut-in No. 3 -- Min.

Bottom Hole Temp. 134°F  
 Mud Weight 10.2  
 Gravity --  
 Viscosity 40

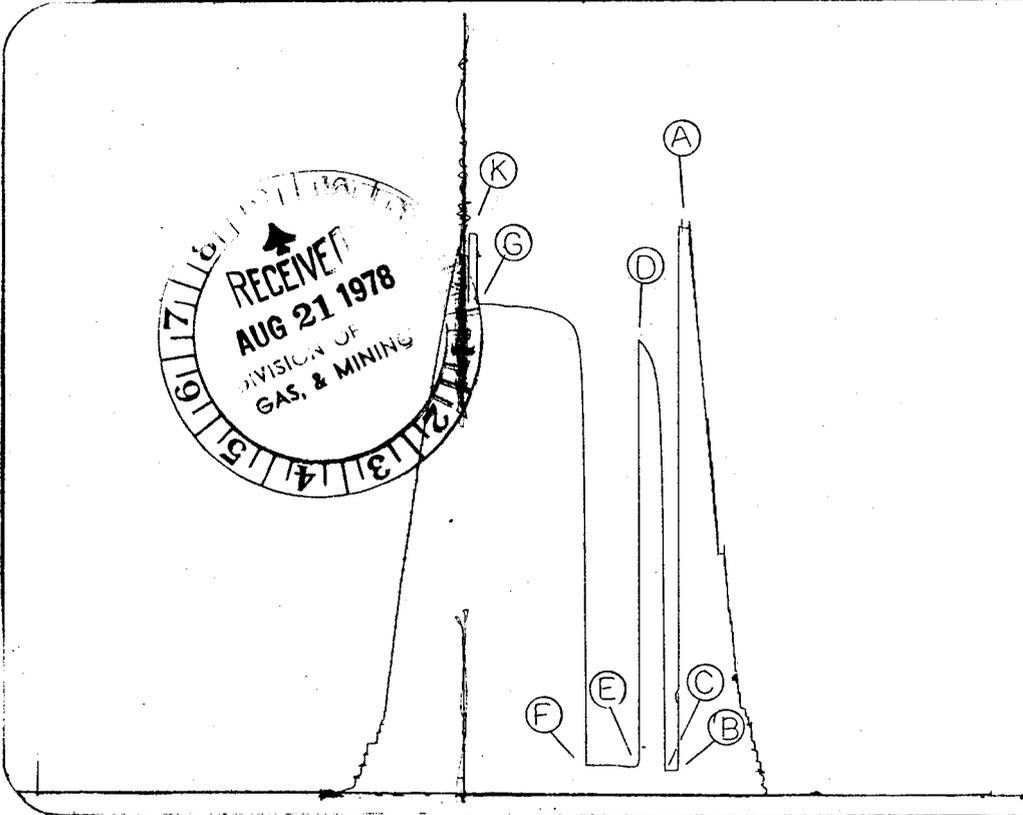
Tool opened @ 6:15 AM.

**Inside Recorder**

PRD Make Kuster AK-1  
 No. 1050 Cap. 3400 @ 4685'

	Press	Corrected
Initial Hydrostatic	A	2514
Final Hydrostatic	K	2497
Initial Flow	B	103
Final Initial Flow	C	101
Initial Shut-in	D	2008
Second Initial Flow	E	122
Second Final Flow	F	125
Second Shut-in	G	2175
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Casper, Wyo.  
 Our Tester: R. Hanson  
 Witnessed By: D. Day



Did Well Flow -- Gas Yes Oil No Water No  
 RECOVERY IN PIPE: 235' Mud with trace of gas and oil

-----  
 1st Flow - Tool opened with a good flow. Gas to surface in 4 minutes. See Gas Volume Report

-----  
 2nd Flow - Tool opened with gas to surface. See Gas Volume Report.

REMARKS:

Address See Distribution

Ticket No. 8489

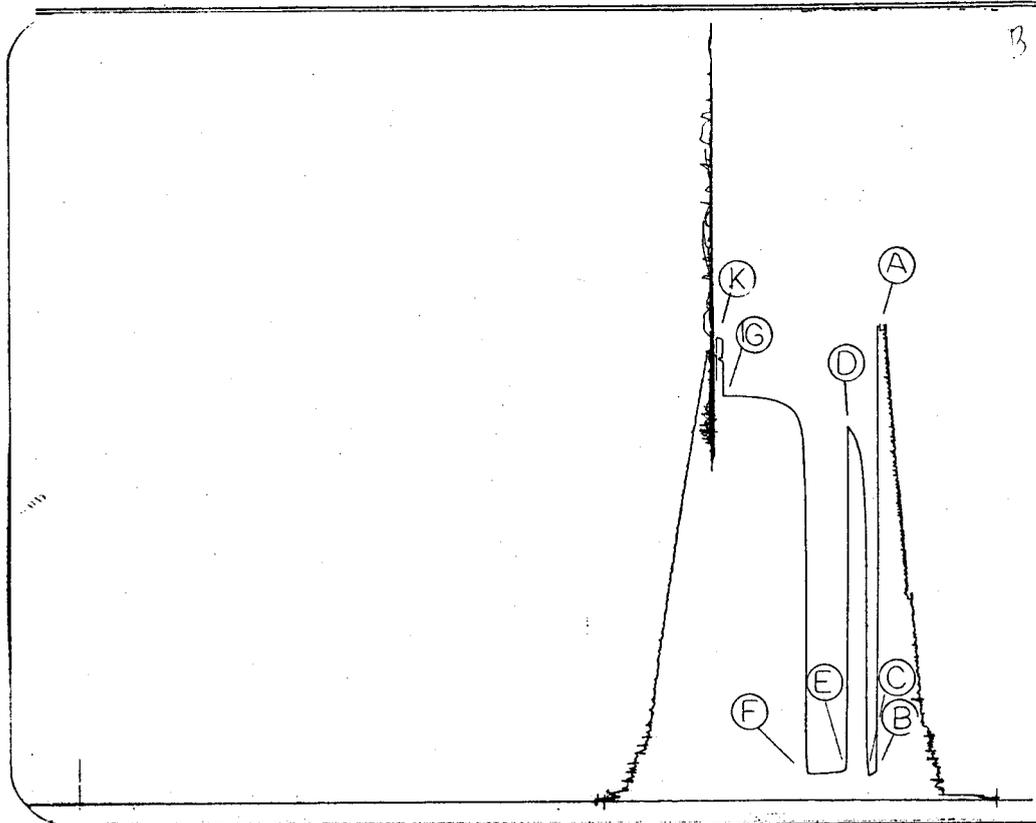
Date

8-15-78

No. Final Copies 10

# LYNES, INC.

Operator CIG Exploration, Inc. Lease & No. NBU - C.I.G.E. 11-14-9-20 DST No. 1



Outside Recorder		
PRD Make	<u>Kuster AK-1</u>	
No.	<u>1535</u>	Cap. <u>4200</u> @ <u>4715'</u>
Press		Corrected
Initial Hydrostatic	A	<u>2578</u>
Final Hydrostatic	K	<u>2543</u>
Initial Flow	B	<u>168</u>
Final Initial Flow	C	<u>146</u>
Initial Shut-in	D	<u>2058</u>
Second Initial Flow	E	<u>181</u>
Second Final Flow	F	<u>153</u>
Second Shut-in	G	<u>2227</u>
Third Initial Flow	H	<u>---</u>
Third Final Flow	I	<u>---</u>
Third Shut-in	J	<u>---</u>
Pressure Below Bottom Packer Bled To		

PRD Make		
No.		Cap. @
Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	
Pressure Below Bottom Packer Bled To		





# LYNES, INC.

## Fluid Sample Report

Company CIG Exploration, Inc. Date 8-15-78  
Well Name & No. NBU - C.I.G.E. 11-14-9-20 Ticket No. 8489  
County Uintah State Utah  
Test Interval 4705-4572' DST No. 1

Total Volume of Sampler: 2150 cc.  
Total Volume of Sample: 650 cc.  
Pressure in Sampler: 200 psig  
Oil: -- cc.  
Water: None cc.  
Mud: 650 gas cut with flecks of oil cc.  
Gas: -- cu. ft.  
Other: None  
R.W. 2.0 @ 67°F = 2800 ppm.chl.

### Resistivity

Make Up Water \_\_\_\_\_ @ \_\_\_\_\_ of Chloride Content \_\_\_\_\_ ppm.

Mud Pit Sample \_\_\_\_\_ @ \_\_\_\_\_ of Chloride Content \_\_\_\_\_ ppm.

Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F

Where was sample drained On location

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# LYNES, INC.

Operator C.I.G Exploration, Inc. Lease & No. NBU-C.I.G.E. DST No. 3  
#11-14-9-20

Comments relative to the analysis of the pressure chart from DST #3, Interval: 4705-4752', which was run in the captioned well located in the SW SE Section 14, T9S-R20E, Uintah County, Utah:

Because of the essentially 100% gas recovery in this formation test, this analysis has been made on the basis of the gas recovery only, the Horner method of pressure build-up curve extrapolation and the gas equations shown on the inside of the back cover of this report folder.

For purposes of this analysis, the following gas and reservoir properties and test parameters have been used:

$T_f = 594^\circ\text{R}$ ,  $\mu = 0.015$  cp.,  $Z = 0.85$ ,  $h = 22$  feet,  $t = 75$  minutes,  
 $m = 505,056$  psi<sup>2</sup>/log cycle.

1. The character of the Initial Shut-in pressure build-up curve indicates that "steady-state" conditions were not attained during this shut-in period. It therefore is impossible to determine a reliable extrapolated Initial Shut-in pressure. Extrapolation of the Final Shut-in pressure build-up curve indicates a maximum reservoir pressure of 2199 psi at the recorder depth of 4685 feet.

The indicated maximum reservoir pressure at the recorder depth is equivalent to a subsurface pressure gradient of 0.469 psi/ft. This pressure gradient is reasonably consistent with the pressure gradient which has been found to be a natural characteristic of the Wasatch formation within the general area of this test.

2. The calculated Average Production Rate which was used in this analysis, 357.1 MCFPD, is based upon an average of the reported flow rates which were gauged during the 60-minute Final Flow period.
3. The calculated Estimated Damage Ratio of 2.1 indicates that significant well-bore damage was present at the time of this formation test. The Damage Ratio implies that the production rate should have been 2.1 times greater than that which occurred (or 749.9 MCFPD) if well-bore damage had not been present.

C.I.G. Exploration, Inc., NBU-C.I.G.E. #11-14-9-20  
Interval: 4705-4752' (DST #3)

Comments - Page 2

4. The calculated Effective Transmissibility of 584.4 md.-ft./cp. indicates an Average Permeability to gas of 0.40 md. for the reported 22 feet of effective porosity within the total 47 feet of interval tested.
5. The evaluation criteria used in the Drill-Stem-Test Analysis System indicate that the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made.

  
Roger L. Hoeger  
Consultant to Lynes, Inc.

# LYNES INC.

REPORT # 918

WELL NAME - NBU - C.I.G.E. 11-14-9-20

WELL OPERATOR - C.I.G. EXPLORATION, INC.

DST NUMBER - 3

RECORDER NUMBER - 1050

## FIRST SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG	PSIG <sup>2</sup> /10 <sup>6</sup>
.0	.0000	101	.0102
2.0	8.5000	1114	1.2410
4.0	4.7500	1503	2.2590
6.0	3.5000	1682	2.8291
8.0	2.8750	1772	3.1400
10.0	2.5000	1834	3.3636
12.0	2.2500	1875	3.5156
14.0	2.0714	1906	3.6328
16.0	1.9375	1926	3.7095
18.0	1.8333	1943	3.7752
20.0	1.7500	1957	3.8298
22.0	1.6818	1971	3.8848
24.0	1.6250	1984	3.9363
26.0	1.5769	1993	3.9720
28.0	1.5357	2001	4.0040
30.0	1.5000	2008	4.0321

EXTRAPOLATION OF FIRST SHUT IN = 2125.48

# LYNES INC.

REPORT # 918

WELL NAME - NBU - C.I.G.E. 11-14-9-20

WELL OPERATOR - C.I.G. EXPLORATION, INC.

DST NUMBER - 3

RECORDER NUMBER - 1050

## SECOND SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG	PSIG <sup>2</sup> /10 <sup>6</sup>
.0	.0000	125	.0156
12.0	7.2500	2054	4.2189
24.0	4.1250	2111	4.4563
36.0	3.0833	2134	4.5540
48.0	2.5625	2147	4.6096
60.0	2.2500	2157	4.6526
72.0	2.0417	2162	4.6742
84.0	1.8929	2167	4.6959
96.0	1.7813	2171	4.7132
108.0	1.6944	2174	4.7263
120.0	1.6250	2175	4.7306

FITTED LINE:  $\text{LOG}((T+PHI)/PHI) = -1.97998 \text{ PSIG}^2/10^6 + 9.57738$

EXTRAPOLATION OF SECOND SHUT IN = 2199.34 M = 505056.44

## RESERVOIR PARAMETERS:

RESERVR TEMP	594.000	BTTM HOL TMP	134.000	SPEC GRAVITY	.700
VISCOSITY	.015	Z FACTOR	.850	DST GAS RATE	357.100
WELL RADIUS	.328	PAY THICKNES	22.000	SUBSEA DEPTH	117.000
WATER GRADNT	.433				

# LYNES INC.

REPORT # 918

WELL NAME - NBU - C.I.G.E. 11-14-9-20

WELL OPERATOR - C.I.G. EXPLORATION, INC.

DST NUMBER - 3

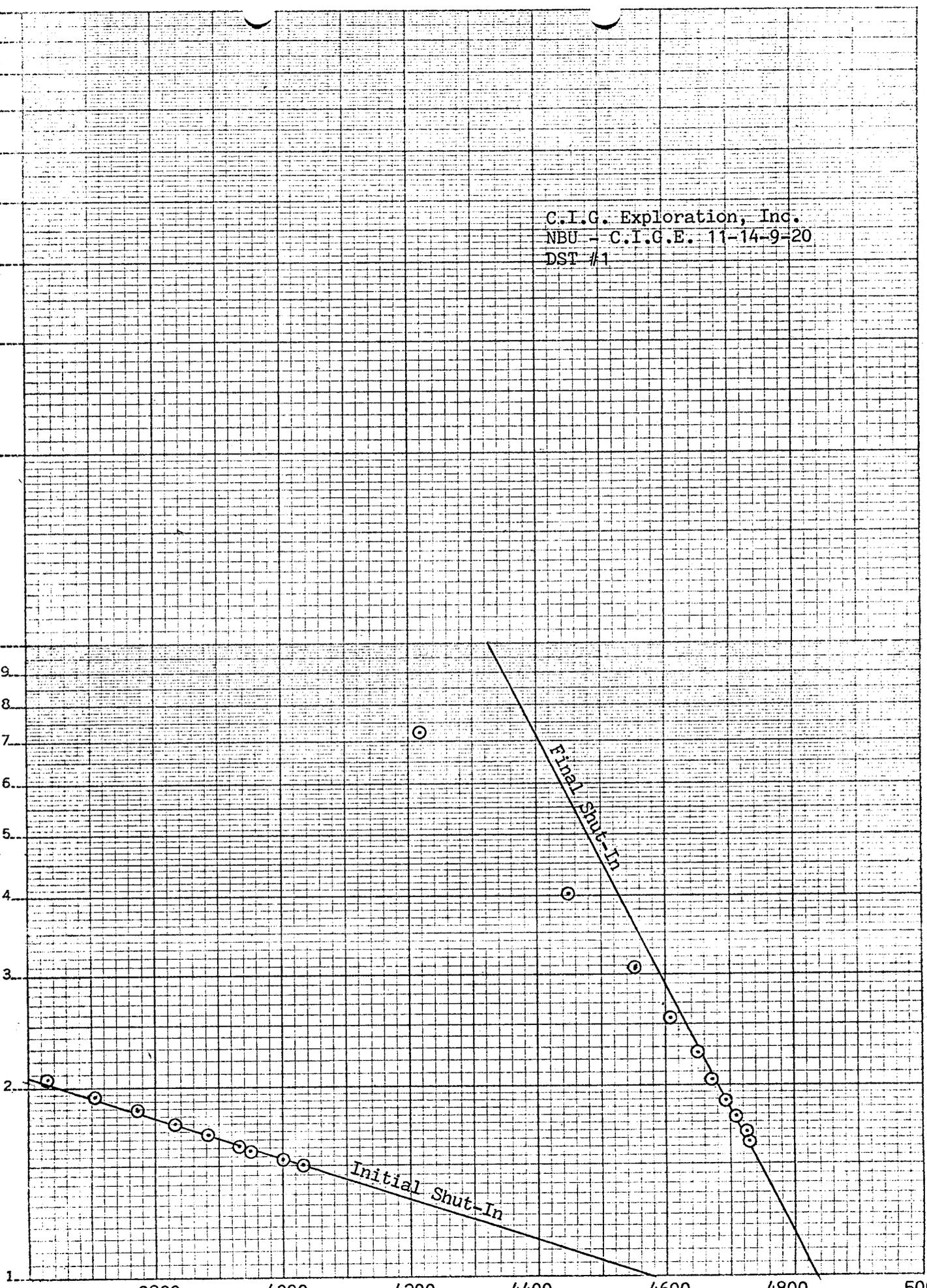
RECORDER NUMBER - 1050

CALCULATIONS: SECOND SHUT IN

EXTRAPOLATED RESERVOIR PRESS.(PSIG) .....	2199.3
NO. OF POINTS ENTERED.....	11.0
NO. OF POINTS USED IN EXTRAPOLATION .....	5.0
ROOT MEAN SQUARE DEVIATION OF BEST FIT LINE(PST) .	.002
TOTAL FLOW TIME(MIN) .....	75.0
TRANSMISSIBILITY(MD-FT/CP) .....	584.4
IN SITU CAPACITY(MD-FT) .....	8.8
AVERAGE EFFECTIVE PERMEABILITY(MD) .....	.40
RADIUS OF INVESTIGATION(FT) .....	5.1
ACTUAL CAPACITY(MD-FT) .....	1.6
ESTIMATED DAMAGE RATIO .....	2.1
MAXIMUM AOF(MCF/D) .....	358.3
MINIMUM AOF(MCF/D) .....	357.7
MAXIMUM AOF DAMAGE REMOVED(MCF/D) .....	755.8
MINIMUM AOF DAMAGE REMOVED(MCF/D) .....	754.6
DRAWDOWN FACTOR(%) .....	.0
POTENTIOMETRIC SURFACE(FT) .....	5196.3

C.I.G. Exploration, Inc.  
NBU - C.I.G.E. 11-14-9-20  
DST #1

$$\frac{t + \phi_i}{\phi_i}$$



# LYNES, INC.

## Distribution of Final Reports

Operator CIG Exploration, Inc. Well Name and No. NBU - C.I.B.E. 11-14-9-20

Original & 2 Copies: CIG Exploration, Inc., P. O. Box 749, Denver, Colorado 80202

2 Copies: U.S.G.S., 8426 Federal Building, 125 S. State St., Salt Lake City, UT 84138

1 Copy: State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining, 1588 W. North Temple, Salt Lake City, UT 85116

1 Copy: Coastal States Gas Corporation, Five Greenway Plaza East, Houston, TX 77046  
Attn: Wes Blankenship

1 Copy: Coastal States Gas Corporation, Five Greenway Plaza East, Houston, TX 77046  
Attn: Evelyn Higgins

2 Copies: Seneca Oil & Gas, % DIA & Associates, 185 Meadows Bldg., Dallas, TX 75206

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6.

1415

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  
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR  
P.O. BOX 749 - DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 662' FSL & 2076' FEL, SECTION 14, T9S, R20E  
At top prod. interval reported below  
SAME AS ABOVE  
At total depth  
SAME AS ABOVE

14. PERMIT NO. 43-047-30424 | DATE ISSUED 05-09-78

5. LEASE DESIGNATION AND SERIAL NO.

U-0577-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Surface: Ute Tribe

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE #11-14-9-20

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SECTION 14, T9S, R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

15. DATE SPUDDED  
07-26-78

16. DATE T.D. REACHED  
08-22-78

17. DATE COMPL. (Ready to prod.)  
01-07-79

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
4788' UNGR GR

19. ELEV. CASINGHEAD  
UNKNOWN

20. TOTAL DEPTH, MD & TVD  
6500'

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

22. IF MULTIPLE COMPL., HOW MANY\*  
2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

205' - TD | 0 - 204'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6104' - 6385' WASATCH 4722' - 4781' GREEN RIVER

25. WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL, FDC, CNL, CBL

27. WAS WELL CORED  
NO

28. 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#, 40#	204'	12-1/4"	100 SX	0
5-1/2"	17#	6500'	8 1/2", 7-7/8"	1662 SX	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
---	---	---	---	---

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
---	---	---

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE	ATTACHED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	SEE ATTACHED						
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.)	
		→		SEE ATTACHED			

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

*J.R. McKiff*

TITLE

DATE

1/25/79

\*(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.

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

**38. GEOLOGIC MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
NO CORES OR <del>...</del>				GREEN RIVER	1720
				WASATCH	5115

CIGE #11-14-9-20

31. (a) PERFORATION RECORD

6385' 6374' 6124' 6116' 6111' 6104' w/2 SPF

32. (a) DEPTH INTERVAL 6104' - 6385'

acid w/2,000 gal 7-1/2% MSR

FRAC w/50,000 gal 40#/1,000 HIGH-RESIDUE &  
100,000# 20/40 sand, FRAC FLUID 2% KCL Base, 10,000  
gal pad 40# gel, 10,000 gal w/1 ppg 20/40 sand,  
10,000 gal w/2 ppg 20/40 sand, 10,000 gal w/3 ppg  
20/40 sand and 10,000 gal ppg 20/40 sand w/2% KCL WTR.

31. (b) PERFORATION RECORD

4781' 4771' 4725' 4722' w/2 SPF

32 (b) DEPTH INTERVAL 4722' - 4781'

acid w/2,000 gal MSR w/2 gal/1000 gal surfactant

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
U-0577-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

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  
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

662' FSL & 2076' FEL, SECTION 14-T9S-R02E

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES

9. WELL NO.  
CIGE 11-14-9-20

10. FIELD AND POOL, OR WILDCAT  
BITTER CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 14-T9S-R20E

14. PERMIT NO.  
43-047-30424

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4788' UNGR. GR.

12. COUNTY OR PARISH 13. STATE  
UINTAH 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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	PIPELINE HOOKUP <input checked="" type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

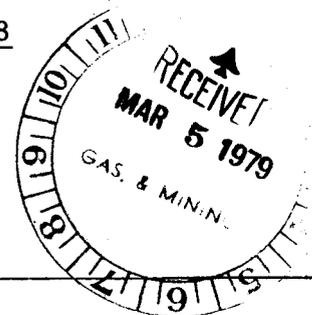
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

REVISED PIPELINE HOOKUP

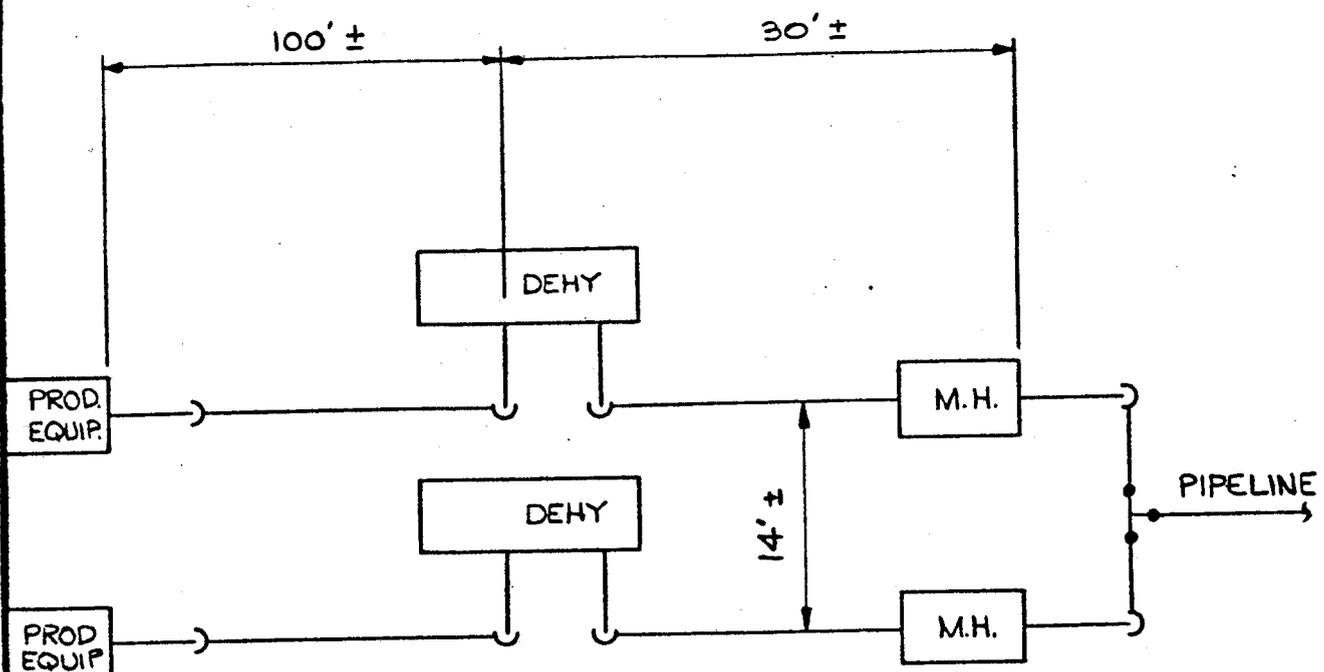
- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
  - (A) TYPICAL DUAL WELL HEAD INSTALLATION \*
  - (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT-OF-WAY

\*  
REPLACES ORIGINAL SINGLE WELL HEAD INSTALLATION DATED MAY 15, 1978

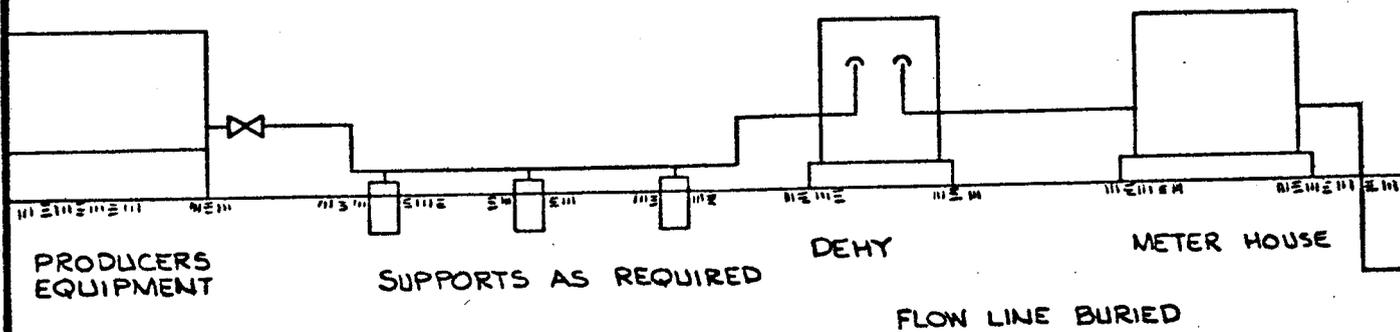


18. I hereby certify that the foregoing is true and correct  
SIGNED F. R. Midkiff TITLE District Superintendent DATE 2/28/79  
(This space for Federal or State office use)

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



TYPICAL DUAL SETTING



NO.	C. O. NO.	DESCRIPTION	DATE	BY	CHK.	APP.

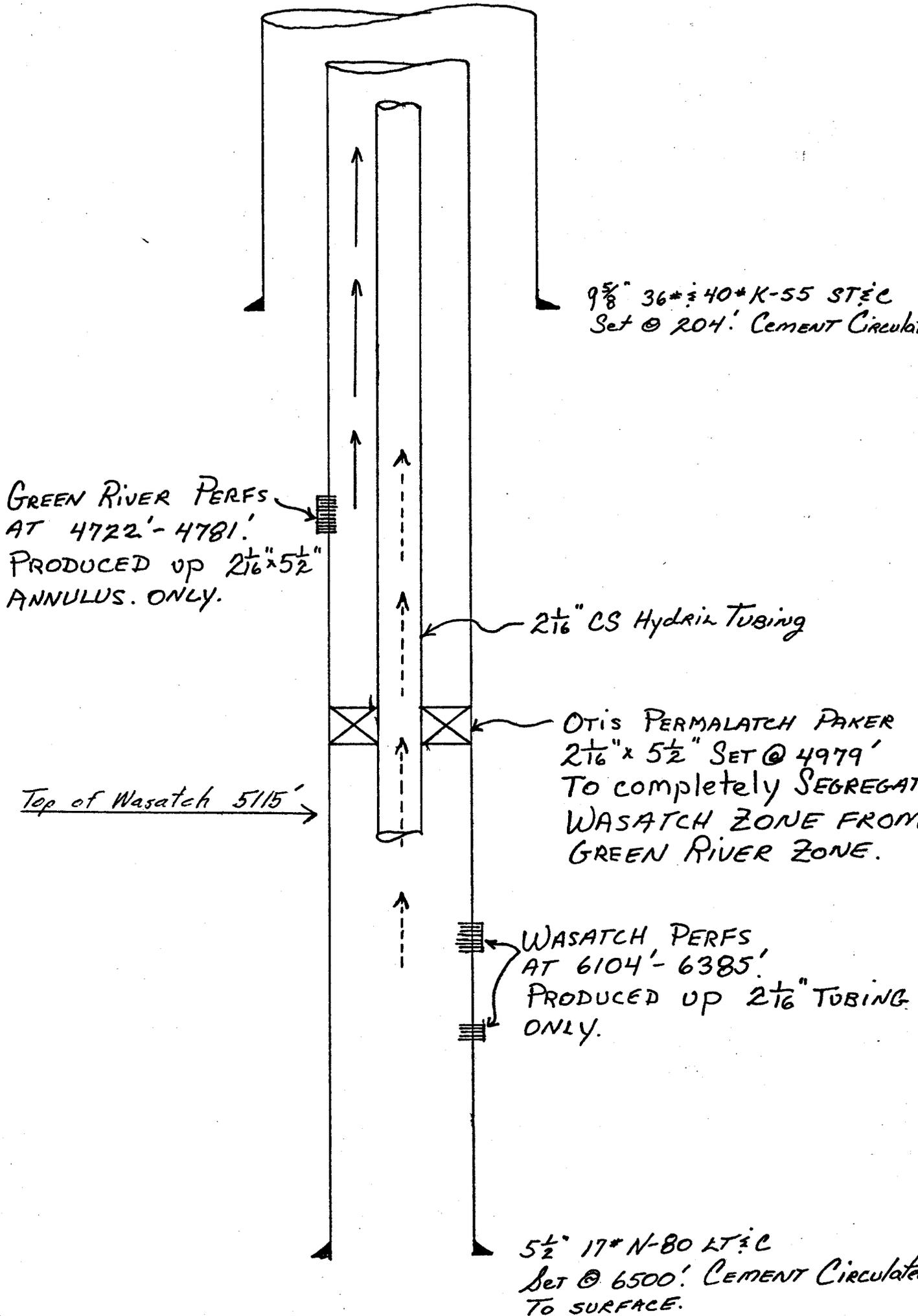
*Colorado Interstate Gas Company*  
COLORADO SPRINGS, COLORADO

TYPICAL DUAL WELL HEAD INSTALLATION  
NATURAL BUTTES FIELD  
UINTAH CO. UTAH

SCALE: NONE	DRAWN: YIB	APP:	115FP-3 1/8
DATE: 2-19-79	CHECK:	C O 24789	

WELLBORE IDENTIFICATION  
CIG# #11-14-9-20  
SECTION 14-T9S-R20  
VINTAH CO., UTAH

# DUALY SEGREGATED - WASATCH, GREEN RIVER Completion



By:  
J. M. Stickland  
1/25/79  
Area Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PERMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**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  
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
662' FSL & 2076' FEL SECTION 14-T9S-R20E

14. PERMIT NO. 43-047-30424

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4788' UNGR. GR.

5. LEASE DESIGNATION AND SERIAL NO.  
U-0557-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBE SURFACE

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES

9. WELL NO.  
CIGE 11-14-9-20

10. FIELD AND POOL, OR WILDCAT  
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 14-T9S-R20E

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	
(Other) _____		(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.)\*

CHANGE FLOW LINE SIZE

FROM:

2" (2-3/8" OD X .125 W.T., Grade X-42 EW)

TO:

4" (4-1/2" OD X .25 W.T., Grade X-42 EW)

These changes will not result in any changes to the typical well head installation or to the typical connection to main lines submitted with original pipeline hookup plans.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 4-6-79

BY: M. J. M.

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

SIGNED F. R. Midkiff TITLE District Superintendent DATE 3/30/79  
F. R. Midkiff

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 662' FSL & 2076' FEL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

5. LEASE  
U-0577-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe Surface

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes

9. WELL NO.  
CIGE 11-14-9-20

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 14-T9S-R20E

12. COUNTY OR PARISH | 13. STATE  
Uintah | Utah

14. API NO.  
43-047-30424

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4788' Ungr. Gr.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) NTL-2B Unlined Pit			

*Approval denied*

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than one BWPD. The attached water analysis gives the composition of produced waters. Water is produced from the \* formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

Attachments: (1) Topo map  
(2) Water analysis

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

\* Green River-Wasatch

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

SIGNED F. R. Midkiff TITLE Production Superintendent DATE July 29, 1980

(This space for Federal or State office use)

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

SAMPLE NO \_\_\_\_\_

# THE WESTERN COMPANY

Service Laboratory  
 Midland, Texas  
 Phone 683-2781 Day  
 Phone 683-4162 Night

Service Laboratory  
 Oklahoma City, Oklahoma  
 Phone 840-2771 Day  
 Phone 751-5470 Night

## WATER ANALYSIS

County **UINTAH**

Date Sampled **6-29-80**

Field \_\_\_\_\_

Date Received **6-30-80**

Operator **CIGE**

Submitted By **KARL ODEN**

Well **CIGE # 11 (TUBING)**

Worked By **JOHN KOTELEC**

Depth \_\_\_\_\_

Other Description \_\_\_\_\_

Formation **WASATCH**

### CHEMICAL DETERMINATIONS as parts per million

Density <u>1.020 @ 22°C</u>	pH <u>7.8</u>
Iron <u>2 ppm</u>	Hydrogen Sulfide <u>NONE</u>
Sodium and Potassium <u>10403</u>	Bicarbonate <u>805</u>
Calcium <u>600</u>	Sulfate <u>2900</u>
Magnesium <u>122</u>	Phosphate _____
Chloride <u>14849</u>	as Sodium Chloride <u>24427</u>

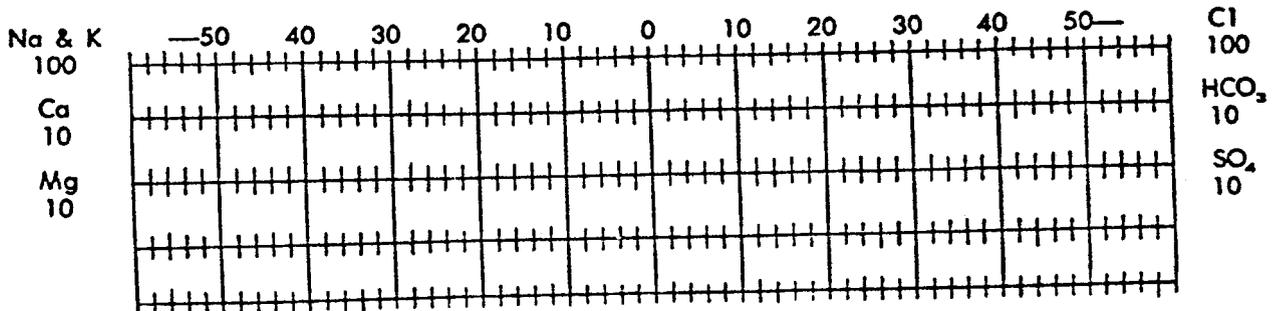
TOTAL ppm \_\_\_\_\_

Resistivity .27 ohm-meters @ 72°F

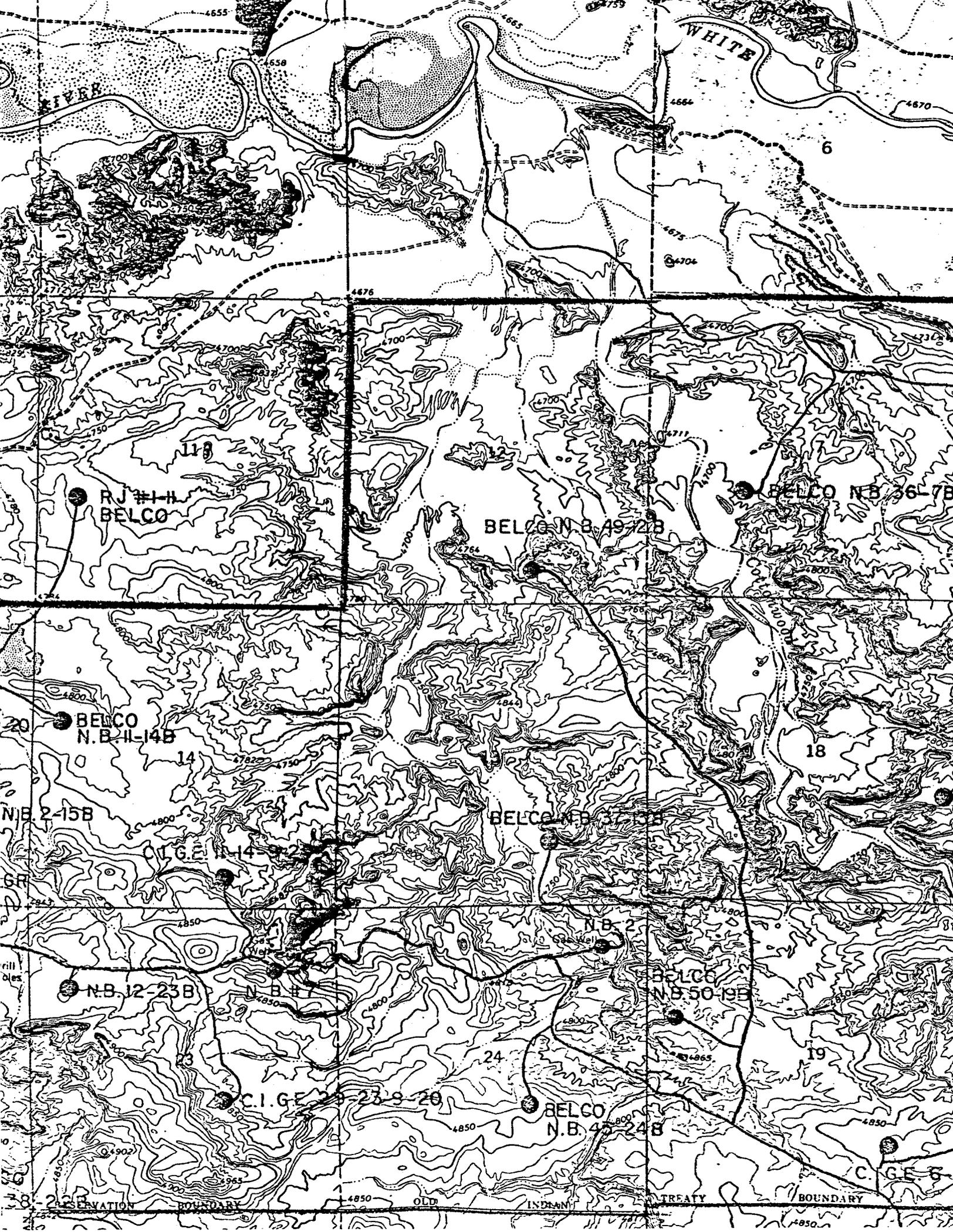
TOTAL HARDNESS - 2000 ppm as CaCO<sub>3</sub>

Remarks:

for Stiff type plot (in meq./l.)



Per \_\_\_\_\_





COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FORM CIG 4896-7/73

WELL CODE 1-01-1	FIELD NAME NATURAL BUTTE, UT	OPERATOR CODE 2915	OPERATOR NAME COASTAL OIL & GAS CORPORATION	WELL NAME GPS 11-14-2 (GR)
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WELL CODE 25356	SECT. 14	LOCATION TWN/BLK RS	RGE/SUR. 20E	PANHANDLE/REDCAVE SEQ. NUMBER	K-FACTOR	FORMATION GREEN RIVER FLOW TEST	1
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WELL ON (OPEN)		FLOW TEST																											
			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING	
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
								2									1												

WELL-OFF (SHUT-IN)			SHUT-IN TEST										TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.									
			PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS	EST TBG PRESS
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55			
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG: *[Signature]*

OPERATOR: *[Signature]*

COMMISSION: \_\_\_\_\_

REMARKS: *Picker in casing. Specimen one of A.D.*

*Is well P.A.?*

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FORM CIG 4896-7/73

FIELD CODE 01-11			FIELD NAME SANDY CREEK				OPERATOR CODE 001		OPERATOR NAME CIG				WELL NAME SANDY CREEK ( )			
WELL CODE 3	LOCATION SECT. TOWNSHIP/BLK RGE/SUR. 10 10 10		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR 25354 00375		FORMATION SANDY CREEK											

WELL ON (OPEN)												FLOW TEST																	
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING				
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	81	82	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
06	08	82	06	15	82	00	375			006790	0.632			006890	0130	081							006550					X	

WELL-OFF (SHUT-IN)						SHUT-IN TEST										TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.			
PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS	EST TBG PRESS
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E
06	15	82	06	18	82	013500													

REMARKS: *Est. diff. comp. 12*

25354 00375

CIG E H W

**COLORADO INTERSTATE GAS COMPANY  
WELL TEST DATA FORM**

FIELD CODE <b>01-11</b>	FIELD NAME <b>NATURAL BUTTES, UT</b>	OPERATOR CODE <b>2915</b>	OPERATOR NAME <b>COASTAL OIL &amp; GAS CORPORATION</b>	WELL NAME <b>GPE 11-14-9-20 (GP)</b>
WELL CODE <b>25356</b>	LOCATION TWN/SH/BLK <b>9S 20E</b>	PANHANDLE/REDCAVE SEQ. NUMBER <b>00375</b>	K-FACTOR	FORMATION <b>GREEN RIVE FLOW TEST</b>

WELL ON (OPEN)			FLOW TEST																										
			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STR. TUBING	
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	78
XX	XX	XX	XX	XX	XX	XX	XXX	XX	XXX	XXXXXX	X	X	XXX	XXX	XXXXXX	X		XX	XX	XXX	XXX	XXXXXX	X	XXXXXX	X	XXXXXX	X	X	X
									067						100														

WELL-OFF (SHUT-IN)			SHUT-IN TEST				SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		
			PRESSURE TAKEN		DATE														CASING PRESSURE (PSIG)
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55
XX	XX	XX	XX	XX	XX	XXXXXX	X	XXXXXX	X	X	XXX	XX	XXXXX	XXXXXX	X	XXX		E	E
											700	3	9921		4752				

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG: *[Signature]*

OPERATOR: *[Signature]*

COMMISSION: \_\_\_\_\_

WELL CODE: **25356**      SEQ. NUMBER: **00375**

REMARKS: *Temp Rise*

METS STA

**COLORADO INTERSTATE GAS COMPANY  
WELL TEST DATA FORM**

**STATE COPY**



FIELD CODE <b>01-11</b>			FIELD NAME <b>NATURAL BUTTES</b>				OPERATOR CODE <b>2915</b>		OPERATOR NAME <b>COASTAL OIL &amp; GAS CORPORATION</b>				WELL NAME <b>GPE 11-14-9-20 (GR)</b>			
CODE <b>25356</b>		SECT. <b>14</b>	LOCATION TWN/SHIP/BLK <b>9S</b>		RGE/SUR. <b>20E</b>	PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION <b>GREEN RIVE FLOW TEST</b>		1				

WELL ON (OPEN)																		FLOW TEST											
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING CASING				
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

WELL-OFF (SHUT-IN)			SHUT-IN TEST						SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.													
MO.	DAY	YR.	PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)																				
11-12	13-14	15-16	MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55										
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E										

**25356 00375**

REMARKS: *25356 00375*

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

FIELD CODE <b>01-11</b>			FIELD NAME <b>NATURAL BUTTES</b>						OPERATOR CODE <b>2535</b>		OPERATOR NAME <b>CIG EXPLORATION INC</b>						WELL NAME <b>CIGE 11-14-9-20 (W)</b>						
WELL CODE <b>25354</b>			LOCATION TWN/SH/BLK <b>14 95</b>			RGE/SUR. <b>20E</b>			PANHANDLE/REDCAVE SEQ. NUMBER			K-FACTOR			FORMATION <b>SASATCH SA</b>			FLOW TEST			<b>1</b>		

WELL ON (OPEN)										FLOW TEST																											
MO.			DAY			YR.			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG PRESSURE		STATIC /CSG PRESSURE		FLOWING STRING TUBING		CASING	
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75								
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
09 15 81			09 22 81			10 500			2 067		0.63		100		006870		0160		111		007090		00000		X		X										

WELL-OFF (SHUT-IN)										SHUT-IN TEST										TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.															
MO.			DAY			YR.			PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS						
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55	X	X	X	X	X	X	X	X	X	X	E	E				
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E
06 15 81			06 15 81			015880			627		1 7500		4979																						

MET ST	<b>25354</b>	00500	REMARKS: <i>Due your production</i>
-----------	--------------	-------	--

CIG: \_\_\_\_\_  
 OPERATOR: \_\_\_\_\_  
 COMMISSION: \_\_\_\_\_



COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE -01-11	FIELD NAME NATURAL PUTTES	OPERATOR CODE	OPERATOR NAME	WELL NAME
CODE 54	LOCATION TWP/RMP/BLK 14 95 20E	PANHANDLE/REDCAVE SEQ. NUMBER	K-FACTOR	FORMATION

WELL ON (OPEN)		FLOW TEST																											
DATE (COMP.)			ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)	METER DIFF. RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	METER TEMP.	WELL HEAD TEMP.	FLOWING TBG/CSG PRESSURE	STATIC TSG/CSG PRESSURE	FLOWING STRING															
MO.	DAY	YR.	MO.	DAY	YR.										TUBING	CASING													
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09 24 80			10 01 80			00 500																							

WELL-OFF (SHUT-IN)			SHUT-IN TEST				SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.  CIG: _____ OPERATOR: _____ COMMISSION: _____							
DATE			PRESSURE TAKEN		CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)														
MO.	DAY	YR.	MO.	DAY	YR.															
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39		44	45	49	50	53	54	55
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E	
7 15 80					01 5250															

<p>25354      00500</p>	REMARKS: <i>Testing log done</i>
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NATURAL BUTTES UNIT  
COASTAL OIL & GAS CORPORATION - OPERATED (COGC)  
COLORADO INTERSTATE GAS EXPLORATION - OPERATED (CIGE)

Natural Duck

COGC 1-22-9-20  
COGC 2-22-9-20

Natural Buttes

COGC NBU (Ute Trail) #1W  
COGC NBU (Ute Trail) #1MV  
COGC NBU (Ute Trail) #7  
COGC NBU (Ute Trail) #52X  
COGC NBU (Ute Trail) #83X  
COGC NBU (Ute Trail) #88X

COGC NBU #1  
COGC NBU #3  
COGC NBU #4  
COGC NBU #6  
COGC NBU #7  
COGC NBU #8  
COGC NBU #9  
COGC NBU #10  
COGC NBU #11  
COGC NBU #12  
COGC NBU #13  
COGC NBU #14  
COGC NBU #15  
COGC NBU #16  
COGC NBU #17  
COGC NBU #18  
COGC NBU #19  
COGC NBU #20  
COGC NBU #22  
COGC NBU #23N  
COGC NBU #24N2  
COGC NBU #26

Highland (Coastal Operated)

NBU #27  
NBU #27A  
NBU #28  
NBU #29  
NBU #31

COGC NBU #32Y  
COGC NBU #33Y  
COGC NBU #35Y  
COGC NBU #36Y

COGC NBU #37XP  
COGC NBU #38N2  
COGC NBU #39N  
COGC NBU #41J  
COGC NBU #43N  
COGC NBU #45N  
COGC NBU #46N

RECEIVED  
FEB 14 1961

DIVISION OF  
OIL, GAS & MINING

COGC NBU #47 N2  
COGC NBU #48 N3  
COGC NBU #49 V  
COGC NBU #50 N2  
COGC NBU #51 J  
COGC NBU #52 J  
COGC NBU #53 N  
COGC NBU #54 N  
COGC NBU #56 N2  
COGC NBU #57 N  
COGC NBU #58 N2  
COGC NBU #62 N  
COGC NBU #63 N3  
COGC NBU #64 N3  
COGC NBU #65 N3  
COGC NBU #68 N2  
COGC NBU #69 N2  
COGC NBU #70 N3  
COGC NBU #72 N3  
COGC NBU #74 N3  
COGC NBU #75 N3  
COGC NBU #80 V  
COGC NBU #81 V  
COGC NBU #83 J  
COGC NBU #84 V  
COGC NBU #85 J  
COGC NBU #86 J  
COGC NBU #87 J  
COGC NBU #98 V

CIGE NBU #2-29-20-21  
CIGE NBU #3-32-9-22  
CIGE NBU #4-9-10-21  
CIGE NBU #5-31-9-22  
CIGE NBU #6-19-9-21  
CIGE NBU #7-8-10-21  
CIGE NBU #8-35-9-22  
CIGE NBU #9-36-9-22  
CIGE NBU #10-2-10-22  
CIGE NBU #11-14-9-20 (W)  
CIGE NBU #13-7-10-21  
CIGE NBU #14-9-10-22  
CIGE NBU #15-8-10-22  
CIGE NBU #16-20-10-22  
CIGE NBU #18-2-10-21  
CIGE NBU #19-16-9-21  
CIGE NBU #20-20-10-22  
CIGE NBU #21-15-10-22  
CIGE NBU #22-15-9-10  
CIGE NBU #23-7-10-22  
CIGE NBU #24-29-9-22  
CIGE NBU #25-34-9-22  
CIGE NBU #27-33-9-22  
CIGE NBU #28-35-9-21  
CIGE NBU #30-6-10-21  
CIGE NBU #31-1-10-22  
CIGE NBU #32A-20-9-20

95, 00E, 14 30424

CIGE NBU #33-27-10-21  
CIGE NBU #34-13-10-20  
CIGE NBU #35-1-10-20  
CIGE NBU #36D-32-9-22  
CIGE NBU #37D-21-9-21 P  
CIGE NBU #38-4-10-21  
CIGE NBU #40-3-10-21  
CIGE NBU #41-12-10-21  
CIGE NBU #42-25-9-21  
CIGE NBU #43-14-10-22  
CIGE NBU #44-9-9-21  
CIGE NBU #45-15-9-21  
CIGE NBU #46-21-9-21  
CIGE NBU #47-14-10-21  
CIGE NBU #48-15-10-21  
CIGE NBU #49-22-10-21  
CIGE NBU #51D-31-9-22 P  
CIGE NBU #52-5-10-22  
CIGE NBU #53-6-10-22  
CIGE NBU #54D-35-9-21  
CIGE NBU #55-1-10-21  
CIGE NBU #56-34-9-21  
CIGE NBU #57-10-10-21  
CIGE NBU #58-16-10-21  
CIGE NBU #59-21-10-21  
CIGE NBU #60-14-9-21  
CIGE NBU #61-13-9-21  
CIGE NBU #62D-36-9-22 P  
CIGE NBU #63D-29-9-22 P  
CIGE NBU #64D-33-9-22 P  
CIGE NBU #65-19-10-22  
CIGE NBU #66-23-10-21  
CIGE NBU #67A-2-10-22 P  
CIGE NBU #68D-35-9-22 P  
CIGE NBU #69-19-10-21  
CIGE NBU #70-20-9-21  
CIGE NBU #71-7-9-21  
CIGE NBU #72-18-9-21  
CIGE NBU #73D-5-10-22 P  
CIGE NBU #74D-6-10-22 P  
CIGE NBU #75D-8-10-21 P  
CIGE NBU #76D-9-10-21 P  
CIGE NBU #77D-10-10-21 P  
CIGE NBU #78C-16-9-21 P  
CIGE NBU #79D-1-10-21 P  
CIGE NBU #80D-2-10-21  
CIGE NBU #81D-4-10-21  
CIGE NBU #83D-7-10-22 P  
CIGE NBU #84D-12-10-21 P  
CIGE NBU #85D-29-10-21  
CIGE NBU #86D-16-9-21 P  
CIGE NBU #87D-34-9-21 P  
CIGE NBU #88D-15-10-21 P  
CIGE NBU #89D-34-9-22 J

CIGE NBU #90D-9-9-21J  
CIGE NBU #91D-15-9-21J  
CIGE NBU #92D-13-10-20J  
CIGE NBU #93D-2-10-21J  
CIGE NBU #94D-14-10-21J  
CIGE NBU #95D-14-10-21J  
CIGE NBU #99D-25-9-21J

COGC NBU #11-14-9-20

Bluebell (Coastal Operated)

Asay

Powell Fee #3

Powell Fee #4

Ute Tribal #1-31

Powell Fee #3 SWD

UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining  
355 West North Temple, 3 Triad Center, Suite 250, Salt Lake City, Ut  
84180-1203 \* (801-538-5340)

DOG M 56-64-2  
an equal opportunity employer

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

COASTAL OIL & GAS CORP  
P.O. BOX 749  
DENVER CO 80201 0749  
ATTN: RANDY WAHL

Utah Account No. NO230

Report Period (Month/Year) 8/88

Amended Report [ ]

RECEIVED  
OCT 13 1988

DIVISION OF  
OIL, GAS & MINING

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume		
					Oil (BBL)	Gas (MSCF)	Water (BBL)
NBU 35-8B 4304730397	02900	09S 21E 8	WSTC	31			
NBU 27-A 4304730398	02900	09S 21E 33	WSTC	0			
NBU 36-7B 4304730399	02900	09S 21E 7	WSTC	31			
NBU 34-17B 4304730404	02900	09S 21E 17	WSTC	31			
NBU CIGE 9-36-9-22 4304730419	02900	09S 22E 36	WSMVD	0			
NBU CIGE 13-7-10-21 4304730420	02900	10S 21E 7	WSTC	0			
NBU CIGE 11-14-9-20 4304730424	02900	09S 20E 14	GRRV	0			
NBU CIGE 11-14-9-20 4304730424	02900	09S 20E 14	WSTC	0			
CIGE 10-2-10-22 4304730425	02900	10S 22E 2	WSMVD	0			
CIGE 8-35-9-22 4304730427	02900	09S 22E 35	WSMVD	0			
NBU 43-36B 4304730435	02900	09S 20E 36	WSTC	9			
NBU 64-24B 4304730444	02900	10S 20E 24	WSTC	27			
NBU 48-29B 4304730452	02900	09S 20E 29	WSTC	30			
TOTAL							

*Shari -  
Please check with  
Tax Commission. Linda  
has to give a new  
entity number to GR formation.*

*Thanks,*

*A.*

*Per Shari  
chg. well name to  
[ NBU COB 11-14-9-20 ]*

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be

*Shari M. Swenson*  
Authorized Signature

Telephone: (303) 572-1121

UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining  
 355 West North Temple, 3 Triad Center, Suite 250, Salt Lake City  
 84180-1203 \* (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

COASTAL OIL & GAS CORP  
 P.O. BOX 749  
 DENVER CO 80201 0749  
 ATTN: RANDY WAHL

Well Name API Number	Entity	Location	Producing Zone	Days Oper				
NBU 35-8B 4304730397	02900	09S 21E 8	WSTC	31	0	5,489	0	
NBU 27-A 4304730398	02900	09S 21E 33	WSTC	0	0	0	0	
NBU 36-7B 4304730399	02900	09S 21E 7	WSTC	31	0	3,120	0	
NBU 34-17B 4304730404	02900	09S 21E 17	WSTC	31	0	2,107	0	
NBU CIGE 9-36-9-22 4304730419	02900	09S 22E 36	WSMVD	0	0	0	0	
NBU CIGE 13-7-10-21 4304730420	02900	10S 21E 7	WSTC	0	0	0	0	
NBU CIGE 11-14-9-20 4304730424	02900	09S 20E 14	GRRV	0	0	0	0	<i>new entity 1-16-88</i>
NBU CIGE 11-14-9-20 4304730424	02900	09S 20E 14	WSTC	0	0	0	0	
CIGE 10-2-10-22 4304730425	02900	10S 22E 2	WSMVD	0	0	0	0	
CIGE 8-35-9-22 4304730427	02900	09S 22E 35	WSMVD	0	0	0	0	
NBU 43-36B 4304730435	02900	09S 20E 36	WSTC	9	0	795	0	
NBU 64-24B 4304730444	02900	10S 20E 24	WSTC	27	0	419	0	
NBU 48-29B 4304730452	02900	09S 20E 29	WSTC	30	0	4,439	0	
TOTAL					0	16,369	0	0

Comments (attach separate sheet if necessary)

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

Date: 09/28/88

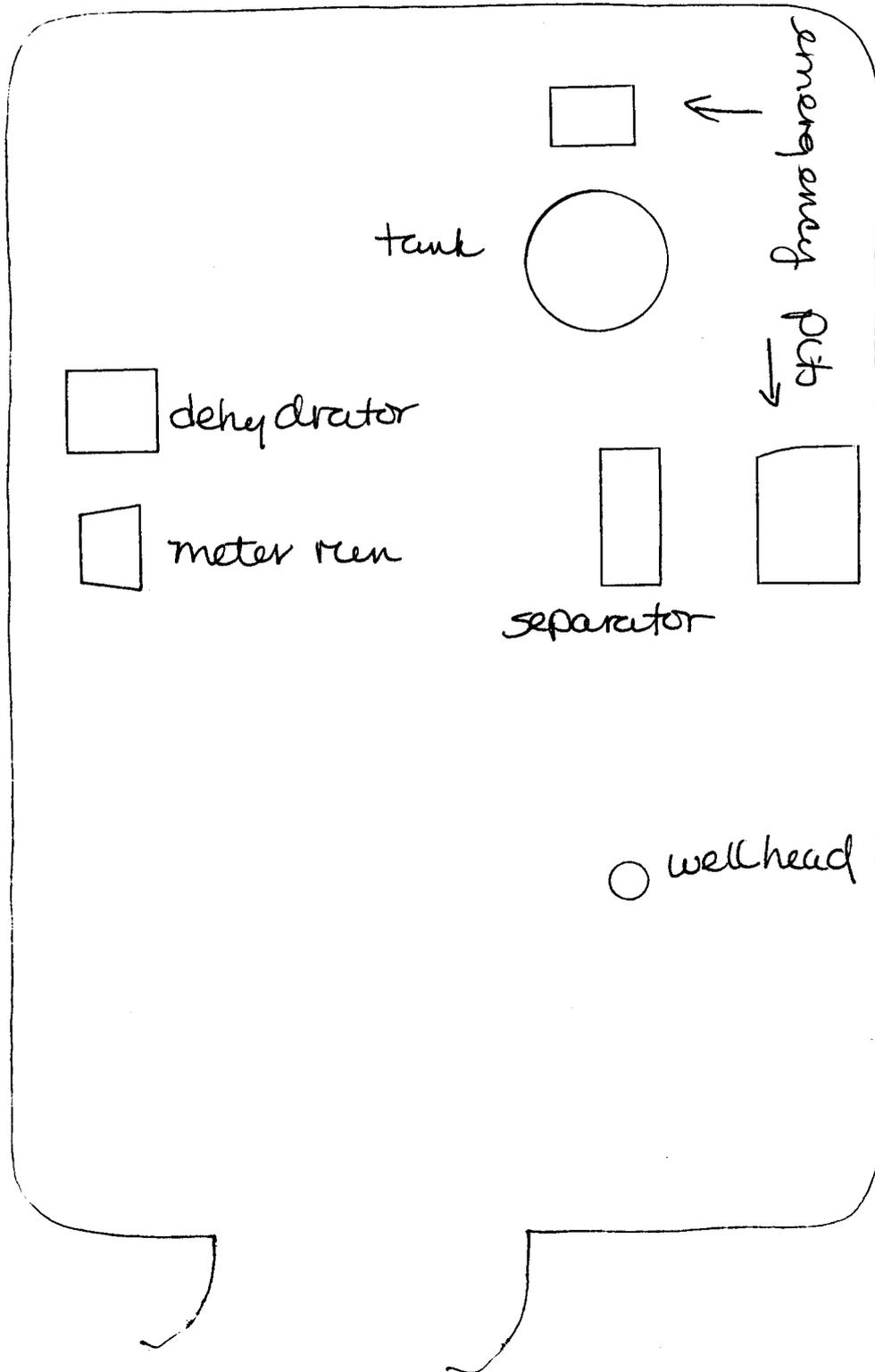
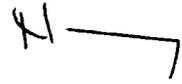
*Shirley M. Swanson*  
 Authorized Signature

Telephone: (303) 572-1121

IAS  
RWM  
file

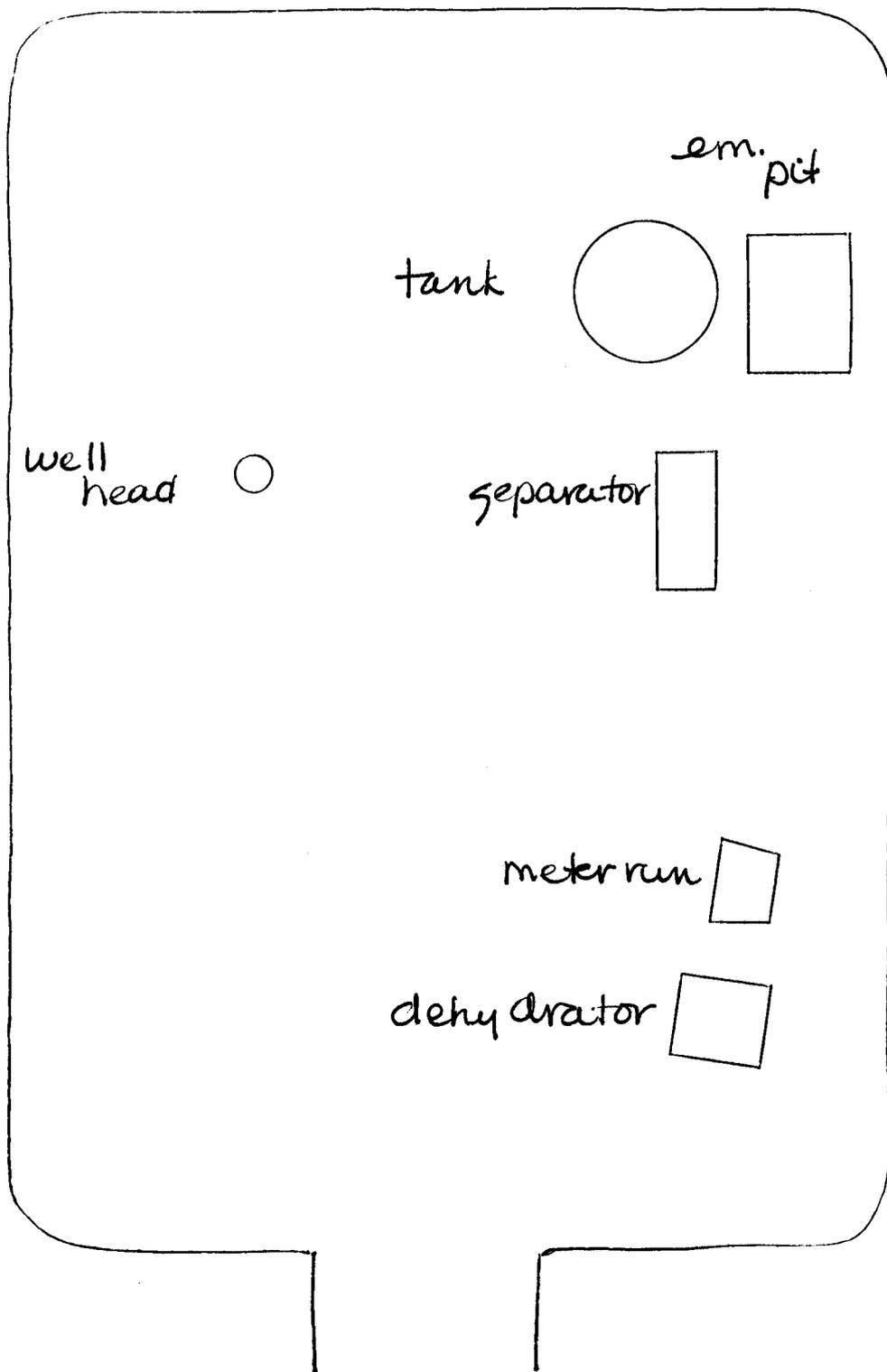
A handwritten diagram consisting of three lines of text: 'IAS', 'RWM', and 'file'. A horizontal line is drawn below 'IAS' and 'RWM'. An arrow points from 'IAS' down to the line, and another arrow points from 'RWM' down to the line. A third arrow points from the top right towards the line.

NBU CIGR 11-14-9-20 Sec 14, T95, R20E Grubly 1/17/89



NBU CIGE 11-14-9-20 Sec 14, T95, R20E @Kuhly 1/4/89

L N



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPlicate  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/></p> <p>2. <b>NAME OF OPERATOR</b> CIG Exploration, Inc.</p> <p>3. <b>ADDRESS OF OPERATOR</b> P. O. Box 749, Denver, Colorado 30201-0749</p> <p>4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2057' FSL &amp; 2106' FWL</p>		<p>5. <b>LEASE DESIGNATION AND SERIAL NO.</b> U-01567-A</p> <p>6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  N/A</p> <p>7. <b>UNIT AGREEMENT NAME</b> Natural Buttes Unit</p> <p>8. <b>FARM OR LEASE NAME</b> CIGE</p> <p>9. <b>WELL NO.</b> 11-14-9-20</p> <p>10. <b>FIELD AND POOL, OR WILDCAT</b> Natural Buttes</p> <p>11. <b>SEC., T., R., N., OR S.E., AND SUBST OR AREA</b>  Section 14, T9S-R20E</p> <p>12. <b>COUNTY OR PARISH</b> 13. <b>STATE</b> Uintah Utah</p>
<p>14. <b>PERMIT NO.</b> 43-047-30424</p>	<p>15. <b>ELEVATIONS (Show whether SP, ST, GR, etc.)</b> 4788' GR</p>	

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MAR 01 1990

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

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

Due to economical conditions CIG Exploration wishes to classify this well as temporarily abandoned.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM <input checked="" type="checkbox"/>	
3- FILE	

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

SIGNED Timothy E. Seiba TITLE Administrative Manager DATE February 26, 1990

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See instructions on Reverse Side

# ENRON

## OIL & GAS COMPANY

P.O. Box 250 Big Piney, Wyoming 83113 (307)276-3331

**RECEIVED**

October 8, 1990

Mr. Jerry Kenzcka  
Bureau Of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

OCT 12 1990  
DIVISION OF  
OIL, GAS & MINING

RE: NATURAL BUTTES UNIT 11-14 B  
LEASE: U 0577 A  
SECTION 14, T9S, R20E  
UINTAH COUNTY, UTAH

Dear Mr. Kenzcka:

Attached is the Sundry Notice for recompletion of the referenced well.

If further information is required regarding this matter, please contact this office.

Very truly yours,

ENRON OIL & GAS COMPANY

  
Darrell E. Zlonke  
District Manager

kc

Attachment

cc: Utah Board of Oil, Gas and Mining  
D. Weaver - Denver Office  
R. Dean - Denver Office  
Vernal Office  
File

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**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.

<p>1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____</p> <p>2. Name of Operator: Coastal Oil &amp; Gas Corporation</p> <p>3. Address and Telephone Number: P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476</p> <p>4. Location of Well Footages: 662' FSL and 2076" FEL QQ, Sec.,T.,R.,M.: SW/SE Sec. 14, T9S-R20E</p>	<p>5. Lease Designation and Serial Number: U-o557-A</p> <p>6. If Indian, Allottee or Tribe Name: N/A</p> <p>7. Unit Agreement Name: Natural Buttes Unit</p> <p>8. Well Name and Number: CIGE 11-14-9-20</p> <p>9. API Well Number: 43-047-30424</p> <p>10. Field and Pool, or Wildcat: Natural Buttes</p>
<p>County: Uintah State: Utah</p>	

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<p><input type="checkbox"/> Abandonment                      <input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing</p> <p><input type="checkbox"/> Change of Plans                      <input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Conversion to Injection              <input type="checkbox"/> Shoot or Acidize</p> <p><input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Vent or Flare</p> <p><input type="checkbox"/> Multiple Completion              <input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Other _____</p> <p>Approximate date work will start _____</p>	<p><input type="checkbox"/> Abandonment *                      <input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing</p> <p><input type="checkbox"/> Change of Plans                      <input type="checkbox"/> Shoot or Acidize</p> <p><input type="checkbox"/> Conversion to Injection              <input type="checkbox"/> Vent or Flare</p> <p><input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Water Shut-Off</p> <p><input checked="" type="checkbox"/> Other <u>Annual Status Report</u></p> <p>Date of work completion _____</p> <p><small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small></p>

**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 depths for all markers and zones pertinent to this work.)**

The above referenced well is TA'd as it is uneconomical to produce. There are no plans at this time to workover or recomplete.

RECEIVED

FEB 16 1993

**DIVISION OF  
OIL, GAS & MINING**

13. Name & Signature: Eileen Danni Dey Title: Regulatory Analyst Date: 2/12/93

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-0577-A</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7023</b>	7. If Unit or CA/Agreement, Name and/or No. <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SW/SW Sec. 14, T9S, R20E</b>		8. Well Name and No. <b>Cige #11-14</b>
		9. API Well No. <b>43-047-30424</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes</b>
		11. County or Parish, State <b>Uintah County UT</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>P &amp; A</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to P&A the subject well.

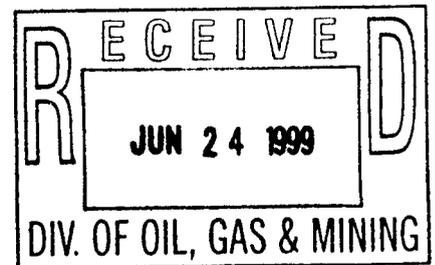
Refer to attached Plugging & Abandonment Procedure

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 7-6-99

By: RJK

COPY SENT TO OPERATOR  
Date: 7-7-99  
Initials: CHD



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Katy Dow</b>	Title <b>Environmental Secretary</b>
<i>Katy Dow</i>	Date <b>6/23/99</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**CIGE # 11 – PLUG & ABANDON PROCEDURE**

Section 14 – 9S – 20E

Uintah County, UT

May 27, 1999

ELEVATION: 4788' GL 4802' KB (14')  
TOTAL DEPTH: 6500' PBTD: FC @ ± 6472'  
CASING: 5 ½", 17#, N-80 LT&C @ 6500'  
TUBING: EOT@ 4979'  
Otis Perma-lach Packer @ 4979'  
Above packer: 1 jt 2 1/16" tubing, x nipple, 2 jts tubing, XA sliding sleeve, 171 jts of 2 1/16" CS Hydril, changeover, 4' x 2 3/8" pup jt.

PERFORATIONS: Green River: (2 shots @ each depth)  
4722', 4725', 4771', 4781'  
Wasatch: (2 shots @ each depth)  
6104', 6111', 6116', 6124', 6374', 6385'

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 1/16" 3.25 # J-55 tbg	7,280	7,690	1.657"	0.00298	0.1251
2 3/8" 4.6# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
5 ½" 17# N-80 csg	7,740	6,280	4.653"	0.0232	0.9764
2 1/16" by 5 ½" Annulus				0.0191	0.8028
2 3/8" by 5 ½" Annulus				0.0178	0.7463
5 ½" by 9 5/8" Annulus				0.0479	2.0128

**OBJECTIVE:**  
Plug and Abandon

Note: All water used to displace cement and placed between plugs should contain corrosion inhibitor and should be 8.8 to 9.2 ppg. Also, all squeezes must be a minimum of 100' and 25 sacks.

1. MIRU workover rig. Nipple down wellhead and Install BOPE. Kill well with water if necessary. Release Otis Perma-lach packer and POOH laying down tubing. Pick up cement retainer and RIH picking up 2 3/8", J-55, EUE tubing (workstring) to ± 6084'. Break circulation through retainer before setting. Set cement retainer @ ± 6084'.
2. MIRU cementers. Mix and pump 65 sacks of Class G cement containing ¼ lb/sack of cellophane flakes. Displace 60 sacks of cement below retainer using 22.52 bbls of water or until pressure reaches 500 psi. Sting out of retainer and place remaining cement (5 sacks) on top of retainer by displacing with an additional 1 bbl of water. POOH with tubing laying down 1400' of tubing. Pick up cement retainer and RIH to ± 4681'. Break circulation through retainer before setting. Set cement retainer @ ± 4681'.

3. Mix and pump 25 sacks of Class G cement containing ¼ lb/sack of cellophane flakes. Displace 20 sacks of cement below retainer using 17.09 bbls of water or until pressure reaches 500 psi. Sting out of retainer and place remaining cement (5 sacks) on top of retainer by displacing with an additional 1 bbl of water. Pull up hole 200' laying down tubing. Open production casing / surface casing annulus. Circulate (fill) hole with water and pressure test production casing to 500 psi. If circulation comes to surface outside of production casing or production casing does not hold pressure, then fill production casing to surface with cement and go to step # 6.
4. If casing held pressure, pull tubing up hole to 3136'. Mix and pump 25 sacks of neat class "G" cement down tubing to spot a balance plug. Pump at low rates (1 BPM). Displace cement for balance plug by pumping 11.22 bbls of water. Slowly pull up hole to 250' laying down work string.
5. Mix and pump 30 sacks of cement down tubing while laying down last 250' to set surface plug.
6. Remove wellhead and RIH between production and surface casing annulus to top of cement or depth of surface casing. Fill annulus to surface with cement (evacuated volume is approximately 67 ft<sup>3</sup> or 59 sacks).
7. RD and cut off wellhead. Install dry hole marker. Reclaim location.

TWK

Approvals:

Prod. Manager



CEMENT DETAILS:

PERFORATIONS:

Cement: Class "G" w/ .25 lb/sk cellophane flakes  
 Weight: 15.79 ppg  
 Water: 4.97 gal/sk  
 Yield: 1.15 ft<sup>3</sup>/sk

MID - BALANCE PLUG:

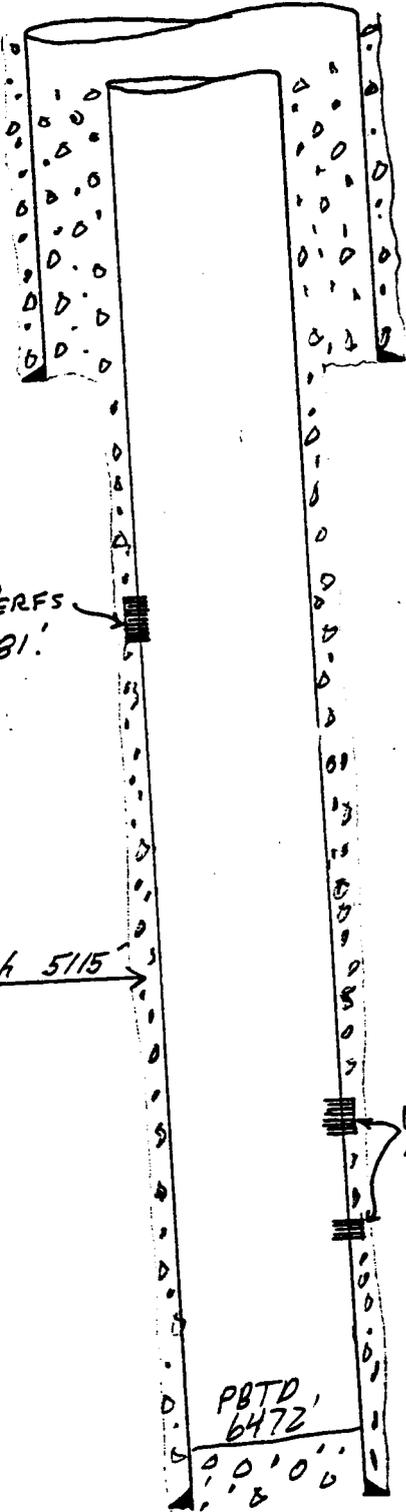
Cement: Class "G" Neat  
 Weight: 15.8 ppg  
 Water: 4.97 gal/sk  
 Yield: 1.14 ft<sup>3</sup>/sk

SURFACE CEMENT:

Cement: Class "G" + 2% Calcium Chloride  
 Weight: 15.8 ppg  
 Water: 4.98 gal/sk  
 Yield: 1.16 ft<sup>3</sup>/sk

CIG # 11-14-9-20  
SECTION 14-79S-R20E  
VINTAH CO., UTAH

BEFORE  
DUALY SEGREGATED - WASATCH, GREEN RIVER  
COMPLETION



9 5/8" 36# K-55 STIC  
Set @ 204' Cement Circulate  
to surface w/ 125 sacks

GREEN RIVER PERFS  
AT 4722'-4781'

Top of Wasatch 5115'

WASATCH PERFS  
AT 6104'-6385'

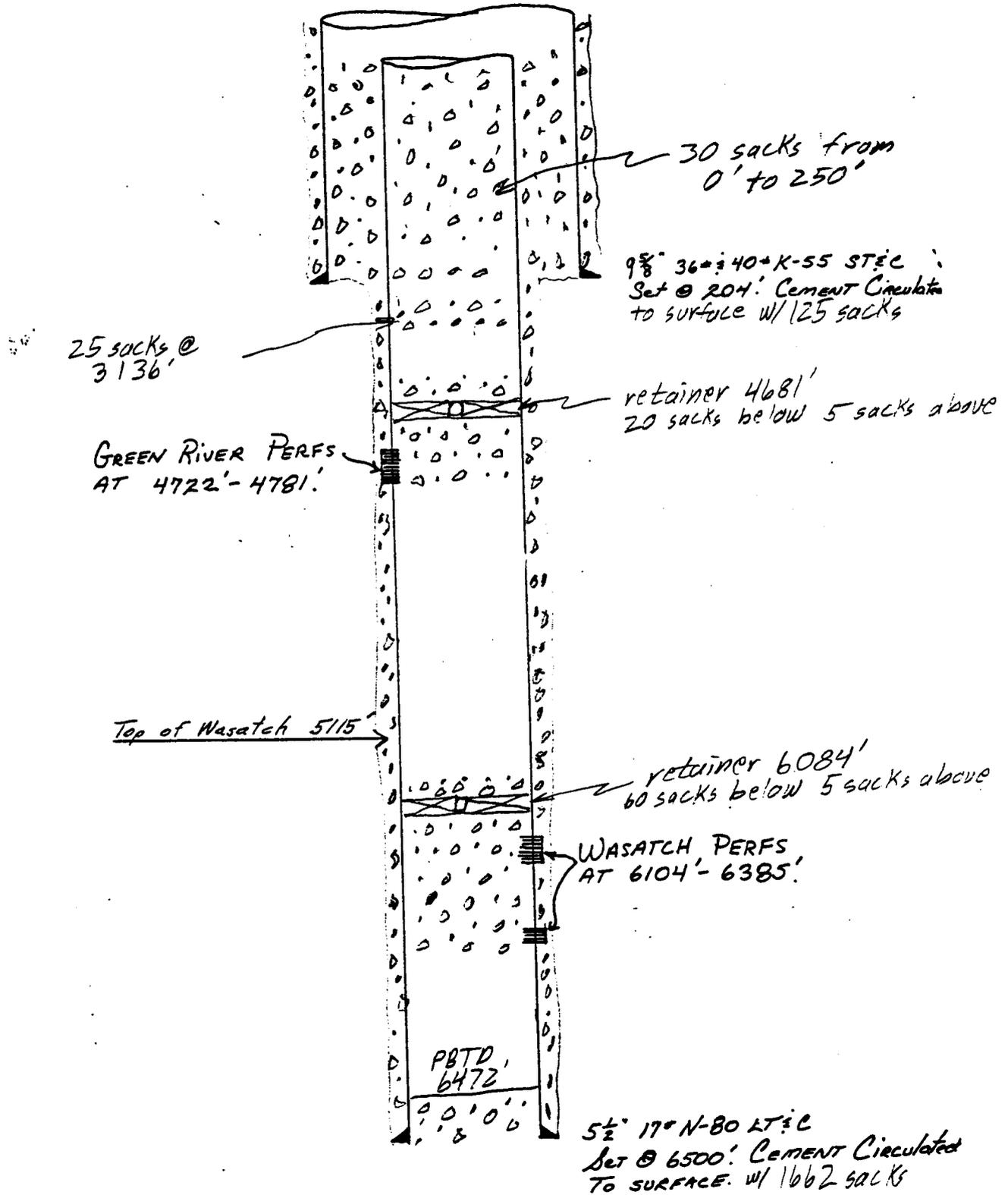
PBTD  
6472'

5 1/2" 17# N-80 LTIC  
Set @ 6500' Cement Circulated  
to surface w/ 1662 sacks

By:  
J.M. Stickland  
1/25/79  
Area Engineer

CIG# 11-14-9-20  
SEC 14-T9S-R20E  
UINTAH CO., UTAH

AFTER  
DUALY SEGREGATED - WASATCH, GREEN RIVER  
COMPLETION



By:  
J.M. Stickland  
1/25/79  
Area Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

U-0577-A

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.  
Natural Buttes Unit

8. Well Name and No.

Cige #11-14

9. API Well No.

43-047-30424

10. Field and Pool, or Exploratory Area  
Natural Buttes

11. County or Parish, State

Uintah County UT

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435)781-7023

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

SW/SW Sec. 14, T9S, R20E

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

TYPE OF SUBMISSION

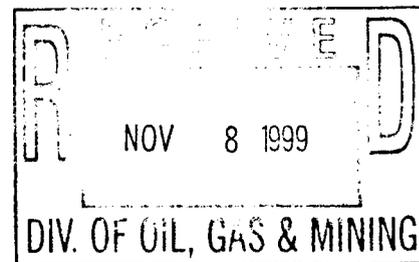
- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                    |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                    |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>P &amp; A</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>Workover Report</u>                                     |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please refer to the attached Chronological P&A Procedure. The subject well was Plugged & Abandoned on 10/15/99. The location shall be reclaimed per BLM specifications.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date 11/3/99

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

**CIGE #11**

Page 1

NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
PBSD: 6500 AFE# PENDING  
PERFS: 4722'-6385'  
CSG: 5.5 17# @6500

**AFE, P & A**

(NO PREVIOUS WELL HISTORY)

10/9/99SICP= 700#, SITP= 2500#, BLOW WELL DN. PMP 70 BBL 180 DEG FRESH WTR DN TBG, PMP 50 BBL DN CSG CUT WELL HEAD BOLT'S LOOSE. NDWH,NUBOP.BLOW WELL DN PMP 50 BBL DN TBG. WORK & RLS OTTIS PERMALATCH PKR @ 4979'. WELL IS FLOWING : FCP=500# , 32/64 CHOKE. MIRU FLOW BACK TANK. SICP= 1300#, FTP=1250#, 48/64 CHOKE TURN OVER TO FLOW BACK CREW S.D. RIG TILL MONDAY  
(DAY 1) TC: \$6,227

10/9/99 FLOW BACK FOR 13 HRS. CP - 1300#-100#, TP - 1250#-50#, 64 CK, TOTAL BBLs REC 50 FLOW BACK TO KILL WELL TO P & A.

10/10/99FLOW BACK FOR 23 HRS. CP - 150#-100#, TP - 100#-20#, 48/64 CK, TOTAL WTR REC 25 BBLs. FLOW WELL DOWN TO P & A

10/11/99FLOW BACK TO RELIEVE PRESSURE

10/12/99PMP'S 50 BBLs DWN CSG, 40 BBLs DWN TBG, 200 DEG FRESH WTR, POOH & LD 151 JTS 2 1/6" TBG OTIS PKR, PU RIH W 5 1/2" CMT RET & 2 3/8" TBG, SET RET @ 6040', TST TBG TO 1500# OK, GOT INJ RATE OF 4 BOM @ 1000#, SWI SDFN.  
(DAY 2) TC: \$12,417

10/13/99RU BJ PMP FRESH, 15 BBLs, 75 SX'S, 15.8# CMT, 22 BBLs FRESH WTR DISPLACE, STING OUT RET @ 6040', LEAVING 60 SCS'S, 12 BBLs BELOW RET & 15 SX'S, 3 BBLs CMT ON TOP RET, 5910' CMT TOP, POOH TO 5860' REV CIRC OUT W/ 40 BBLs WTR, PMP 25 BBLs 9.2# W/ CORR INHIB F/ 4781' TO 5860', POOH & LD 54 JTS 2 3/8", GOT INJ RATE OF 2.2 BPM @ 1000# IN PERF'S F/4722' TO 4781', POOH W/ 2 3/8 TBG & SETTING TOOL, RIG W/ 5 1/2" CMT RET, TST CSG TO 1500# OK, PMP 5 FRESH WTR, 7 BBLs 35 SX'S 15.8# CMT, 16.5 BBLs FRESH WTR, 7 BBLs 35 SX'S 15.8# CMT, 16.5 BBLs FRESH WTR, 7 BBLs, 20 SX'S BELOW. 3 BBLs, 15 SX'S CMT ABOVE RET, 4530' CMT TOP POOH TO 4480' REV CIRC W/ 30 BBLs FRESH WTR, PMP & SPOT 32 BBLs 9.2# W/ CORR INHIB F/ 4480' TO 3136' POOH & LD 44 JTS 2 3/8 TBG W/ EOT @ 3127', PMP 5 BBLs FRESH WTR, 25 SX'S, 5 BBLs 15.8# CMT DISPLACE W/ 11 BBLs FRESH WTR, CMT TOP @ 2912', POOH W/ WOT @ 2847' REV CIRC W/ 15 BBLs FRESH WTR, PMP \$ SPOT 41 BBLs 9.2# W/ COOR INHIB/ 2847' TO 1085', LD 57 JTS 2 3/8" TBG, POOH W/ 2/3/8" TBG, SWI. SDFN.  
(DAY 3) TC:\$17,957

10/15/99RU CUTTER WLS RIH & PERF 5 1/2" CSG W/4" CSG GUN 4 SPF, 90 DEG PHASING @ 1085', POOH, FILL CSG PRES UP TO 500# COULDN'T PMP INTO PERF'S, RIH W/ 2 3/8" TBG PMP 25 SX'S CLASS G, 5BLS 15.8# CMT DISPLACE W/ 4BBLs FREST WTR, F/1114' TO 899', 215', POOH TO 832' REV CIRC OUT W/ 9.2# W/ CORR INHIB, POOH& LD 2 3/8" TBG, TIH W/ 4" CSG GN 4 SPF 90 DEG PHASING & PERF @ 240' POOH, PRESS UP ON PERF'S TO 500# COULDN'T PMP IN, RIH W/ 2 3/8" TBG W/ EOT @ 262' PMP 40 SX'S 8 BBLs 15.8# CMT TO SURF, POOH & LD 2 3/8" TBG, ND BOP, HAVE BACKHOE CLEAN OUT AROUND WELL HEAD DWN 4', HAVE WELDER CUT OFF WEL HEAD, RIH W/ 1" PIPE BETWEEN 5 1/2" X 9 5/8" CSG TAG @ 60', PMP 7 BBLs 35 SX'S 15.8# CMT TO SURF, POOH & LD 1" PIPE, WELD ON DRY HOLE PLACE 3' DWN F/SURF, RD RIG & EQUIP, CLEAN RIG PIT. SDFN.

(DAY 4)

TC:\$ 34,125

**10/13/99 P & A**

**10/14/99 FINAL REPORT**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

**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 Plugged & Abandoned

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation  
 3. ADDRESS AND TELEPHONE NO.  
P.O. Box 1148, Vernal UT 84078 (435)-781-7023

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface  
SWSW  
 At top prod. interval reported below  
662' FSL & 2076' FEL  
 At total depth

14. PERMIT NO. 43-047-30424 DATE ISSUED 5/9/78  
 12. COUNTY OR PARISH Uintah County 13. STATE Utah

15. DATE SPUNDED 7/26/78 16. DATE T.D. REACHED 8/22/78 17. DATE COMPL. (Ready to prod.) 10/13/99 P&A  
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4788' Ungraded GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6500' 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)\*  
N/A  
 25. WAS DIRECTIONAL SURVEY MADE  
N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN  
N/A  
 27. WAS WELL CORED  
N/A

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#, 40#	204'	12 1/4"	100 SX	
5 1/2"	17#	6500'	8 1/2", 7 7/8"	1662 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
N/A  
 32. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
N/A JAN 31 2000  
**DIVISION OF OIL, GAS AND MINING**

33.\* PRODUCTION  
 DATE FIRST PRODUCTION N/A PRODUCTION METHOD Flowing, gas lift, pumping - size and type of pump  
Plugged and Abandoned on 10/13/99 WELL STATUS (Producing or shut-in) P7A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
<u>N/A</u>	-	-	-	-	-	-	-

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.)  
Plugged & Abandoned on 10/13/99 TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Chronological Well History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Sheila Upchego TITLE Environmental Jr. Analyst DATE 1/24/00

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



**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

**CIGE #11**

Page 1

NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
PBTD: 6500 AFE# PENDING  
PERFS: 4722'-6385'  
CSG: 5.5 17# @6500

**AFE, P & A**

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(DAY 4)

TC: \$ 34,125

10/13/99 P & A

10/14/99 FINAL REPORT

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JAN. 17. 2003 3:34PM

PORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

**Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.**

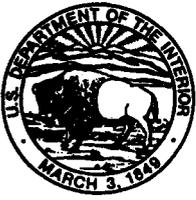
Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

*Debby J. Black*  
Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

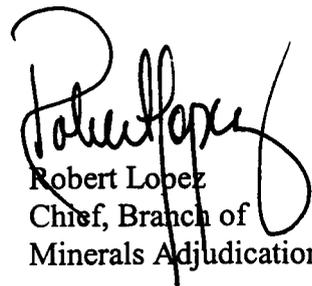
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

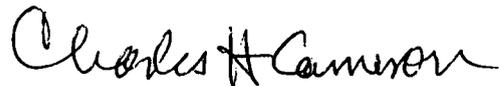
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chronos





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in cursive script, appearing to read "Barry E. Brown".

Director, Office of Trust Responsibilities

**ACTING**

Enclosure

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Exhibit "A"</b>	
2. NAME OF OPERATOR: <b>El Paso Production Oil &amp; Gas Company</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: <b>9 Greenway Plaza</b> CITY: <b>Houston</b> STATE: <b>TX</b> ZIP: <b>77064-0995</b>	PHONE NUMBER: <b>(832) 676-5933</b>	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		

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 start: _____	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

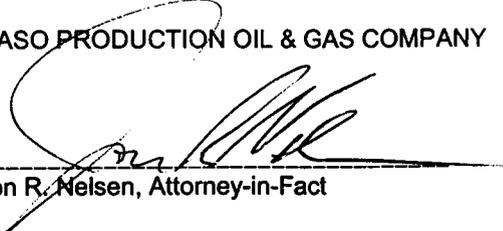
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Neisen, Attorney-in-Fact

**RECEIVED**  
**FEB 28 2003**  
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) <b>David R. Dix</b>	TITLE <b>Agent and Attorney-in-Fact</b>
SIGNATURE 	DATE <b>12/17/02</b>

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY, L.P.**

9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

10. Field and Pool, or Exploratory Area

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

11. County or Parish, State  
**UINTAH COUNTY, UT**

**SEE ATTACHED EXHIBIT "A"**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			<b>SUCCESSOR OF OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)  
**CHERYL CAMERON**

Title  
**OPERATIONS**

Signature  
*Cheryl Cameron*

Date  
**March 4, 2003**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: <b>12-17-02</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
TABBEE 3-120	03-09S-20E	43-047-33682	13408	INDIAN	GW	P
YA-POO-ITS 3-232	03-09S-20E	43-047-34739	99999	INDIAN	GW	APD
KNIGHT 4-124	04-09S-20E	43-047-33675	13554	INDIAN	GW	P
TRIBAL 4-122	04-09S-20E	43-047-33717	99999	INDIAN	GW	APD
TRIBAL 4-123	04-09S-20E	43-047-34086	13418	INDIAN	GW	P
K SNOW KNIGHT 4-23	04-09S-20E	43-047-30749	130	INDIAN	GW	P
WYASKET 4-231	04-09S-20E	43-047-34740	99999	INDIAN	GW	APD
NBU CIGE 11-14-9-20	14-09S-20E	43-047-30424	10943	FEDERAL	GW	PA
COGC 2-22-9-20 (NAT DUCK 2-22)	22-09S-20E	43-047-30967	9248	FEDERAL	GW	P
COGC 11-22-9-20 GR (UTU-73748)	22-09S-20E	43-047-32464	11653	FEDERAL	GW	P
UTE TRAIL UNIT 52X-22B	22-09S-20E	43-047-15387	9246	FEDERAL	GW	PA
NBU ST 2-36G	36-09S-20E	43-047-30515	5235	STATE	GW	PA
TRIBAL 1 54	01-09S-21E	43-047-32467	11850	INDIAN	GW	P
OURAY 1-101	01-09S-21E	43-047-33382	12803	FEE	GW	P
TRIBAL 1-125	01-09S-21E	43-047-33414	12805	INDIAN	GW	P
TRIBAL 1-126	01-09S-21E	43-047-33415	12804	INDIAN	GW	P
OURAY 1-141	01-09S-21E	43-047-33450	12699	FEE	GW	P
MCCOOK 1-142	01-09S-21E	43-047-33455	12790	INDIAN	GW	P
MCCOOK 1-170	01-09S-21E	43-047-33997	13533	INDIAN	GW	P
TRIBAL 1-203	01-09S-21E	43-047-34518	99999	INDIAN	GW	APD

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

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-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

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: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/26/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/26/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
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:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891008900A

8. Well Name and No.  
Multiple Wells - see attached

9. API Well No.  
Multiple Wells - see attached

10. Field and Pool, or Exploratory Area  
Natural Buttes Unit

11. County or Parish, State  
Uintah County, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
WESTPORT OIL & GAS COMPANY, L.P.

3a. Address  
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)  
(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple Wells - see attached

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed) J.T. Conley Title Operations Manager  
Signature *J.T. Conley* Date: 9-2-2003  
Initials: JTC Date: 9-2-2003

SEP 10 2003  
DIV. OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_  
Date: 9/16/03

Accepted by the Utah Division of Oil, Gas and Mining  
Federal Approval of This Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## ALL WELLS ROCKY MOUNTIAN GAS-NBU ENARDO VARIANCE

WELL	LEGALS	STFLEASENO	CANUMBER	APINO	
CIGE 003	32-9-22 SENE	ML22649	891008900A	430473032000S1	✓
CIGE 004	9-10-21 NESE	UTU01416	891008900A	430473033400S1	
CIGE 005	31-9-22 NWSE	U01207A	891008900A	430473033500S1	✓
CIGE 006	19-9-21 SWSE	U0581	891008900A	430473035600S1	
CIGE 007	8-10-21 NENW	UTU01791	891008900A	430473035800S1	
CIGE 008	35-9-22 SWSE	UTU010954A	891008900A	430473042700S1	
CIGE 009	36-9-22 NWSE	ML22650	891008900A	430473041900S1	✓
CIGE 010	2-10-22 NWSE	ML22651	891008900A	430473042500S1	
CIGE 011	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1	
CIGE 011GR	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1	
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1	
CIGE 014	9-10-22 NESW	UTU01196B	891008900A	430473048400S1	
CIGE 018	2-10-21 NWNW	ML22652	891008900A	430473047100S1	✓
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473045900S1	
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473048500S1	
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473049700S1	
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473033300S1	✓
CIGE 024	29-9-22 SESW	U01207	891008900A	430473049300S1	
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073700S1	
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073800S1	
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473073900S1	✓
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473049800S1	
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473051100S1	
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049600S1	
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1	
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1	
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1	✓
CIGE 037D	21-9-21 SWSE	UTU0576	891008900A	430473091000S1	
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473049500S1	
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473074000S1	
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049200S1	✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473049100S1	✓
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052700S1	
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052800S1	
CIGE 046	21-9-21 NENE	UTU0576	891008900A	430473052900S1	
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473051000S1	
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473050600S1	
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473088900S1	✓
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053100S1	
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473053300S1	
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473085100S1	✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473051200S1	✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473053000S1	✓
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473054300S1	
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473053200S1	
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473054900S1	
CIGE 061	13-9-21 SENW	U01193	891008900A	430473055000S1	
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473088500S1	✓
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473094900S1	
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473095000S1	
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473054200S1	
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473093800S1	
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473095100S1	
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473063500S1	
CIGE 070	20-9-21 NESE	UTU0575	891008900A	430473063600S1	
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063700S1	
CIGE 072	18-9-21 SWNE	UTU0575	891008900A	430473063400S1	
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095200S1	
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095300S1	

**Westport Oil & Gas, L.P.**

**Project Economics Worksheet**

**Instructions:**

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

**Condensate Shrinkage Economics**

Is this job a well pull or production rig job ???  N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue,	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

**Investment Breakdown:**

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
<b>Total \$</b>		<b>\$1,200</b>

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.82	\$/MCF

**Production & OPX Detail:**

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

**Project Life:**

Life =  Years  
(Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout =  Years or  Days

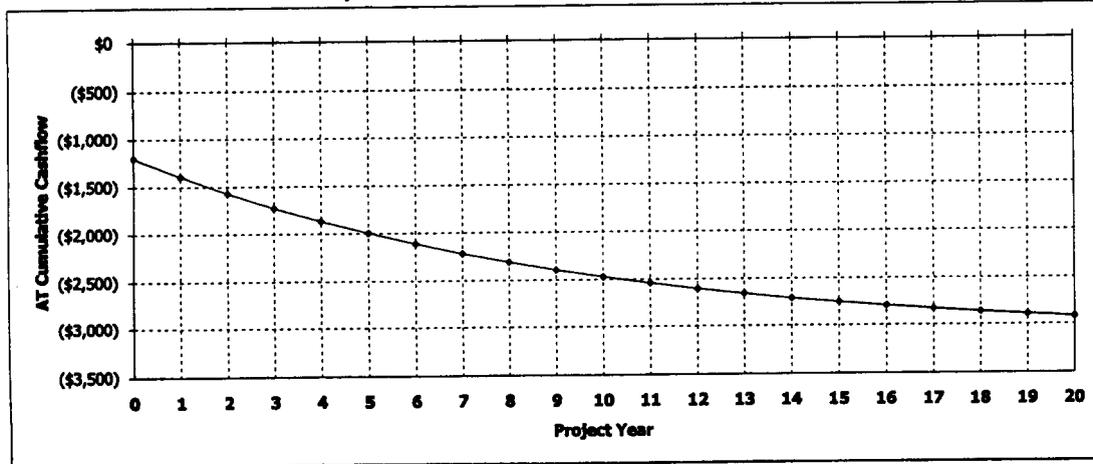
**Gross Reserves:**

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM:** (Old Operator):  
 N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO:** ( New Operator):  
 N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
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**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: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok

6. **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 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **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:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (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: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**MUTIPLE WELLS**

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

9. API Well No.

3a. Address  
**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7024**

10. Field and Pool, or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED**

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.  
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**  
**BIA BOND = RLB0005239**

**APPROVED 5116106**

*Earlene Russell*  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
**RANDY BAYNE**  
Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**  
Date  
**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address **1368 SOUTH 1200 EAST VERNAL, UT 84078** 3b. Phone No. (include area code) **(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006  
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature <i>Brad Laney</i>	Date <b>May 9, 2006</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

CH. OF OIL, GAS & MINES