

**FILE NOTATIONS**

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

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

*pub*  
*9:26 74*

**COMPLETION DATA:**

Date Well Completed *1-4-75* .....

OW..... WW..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic CR..... Lat..... MI-L..... Sonic.....  
CBLog..... CCLog..... Others.....

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: Shell Well No. LDS Church 2-27B5  
 County: Ouchosme T 25 R 5W Sec. 27 API# 43-013-31070  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fluid Source Thermon watch

Analysis of Injection Fluid Yes  No  TDS 7849

Analysis of Water in Formation to be injected into Yes  No  TDS 18,340

Known USDW in area Duclame River District Depth 1000+

Number of wells in area of review 1 Prod. 1 P&A 0  
 Water 0 Inj. 0

Aquifer Exemption Yes  NA

Mechanical Integrity Test Yes  No

Date \_\_\_\_\_ Type \_\_\_\_\_

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed by: \_\_\_\_\_

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

5. Lease Designation and Serial No.  
**Patented**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well  Gas Well  Other **SWD** Single Zone  Multiple Zone

8. Farm or Lease Name

2. Name of Operator

**Shell Oil Company**

**L.D.S. Church**

3. Address of Operator

**1700 Broadway, Denver, Colorado 80202**

9. Well No.

**2-27B5**

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

**551' FSL and 2556' FEL Section 27.**

10. Field and Pool, or Wildcat

**Altamont**

At proposed prod. zone

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

**SW/4 SE/4 Section 27-T2S-R5W, USB&M**

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

**7-3/4 miles N-NW of Duchesne, Utah**

12. County or Parrish

**Duchesne**

13. State

**Utah**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) **226' West of nearest lease line**

16. No. of acres in lease

**678.88**

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. **3700' S-SW of 1-27B5**

19. Proposed depth

**4200'**

20. Rotary or cable tools

**Rotary**

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

**5860 GL (estimated)**

22. Approx. date work will start\*

**9/27/74**

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

Attached are survey plat and drilling prognosis

2 cc: USGS - Salt Lake City, Utah - w/attachments (for information)

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 T.S. Mize Title Division Operations Engr. Date 9/20/74

(This space for Federal or State office use)

Permit No. B-013-30340 Approval Date

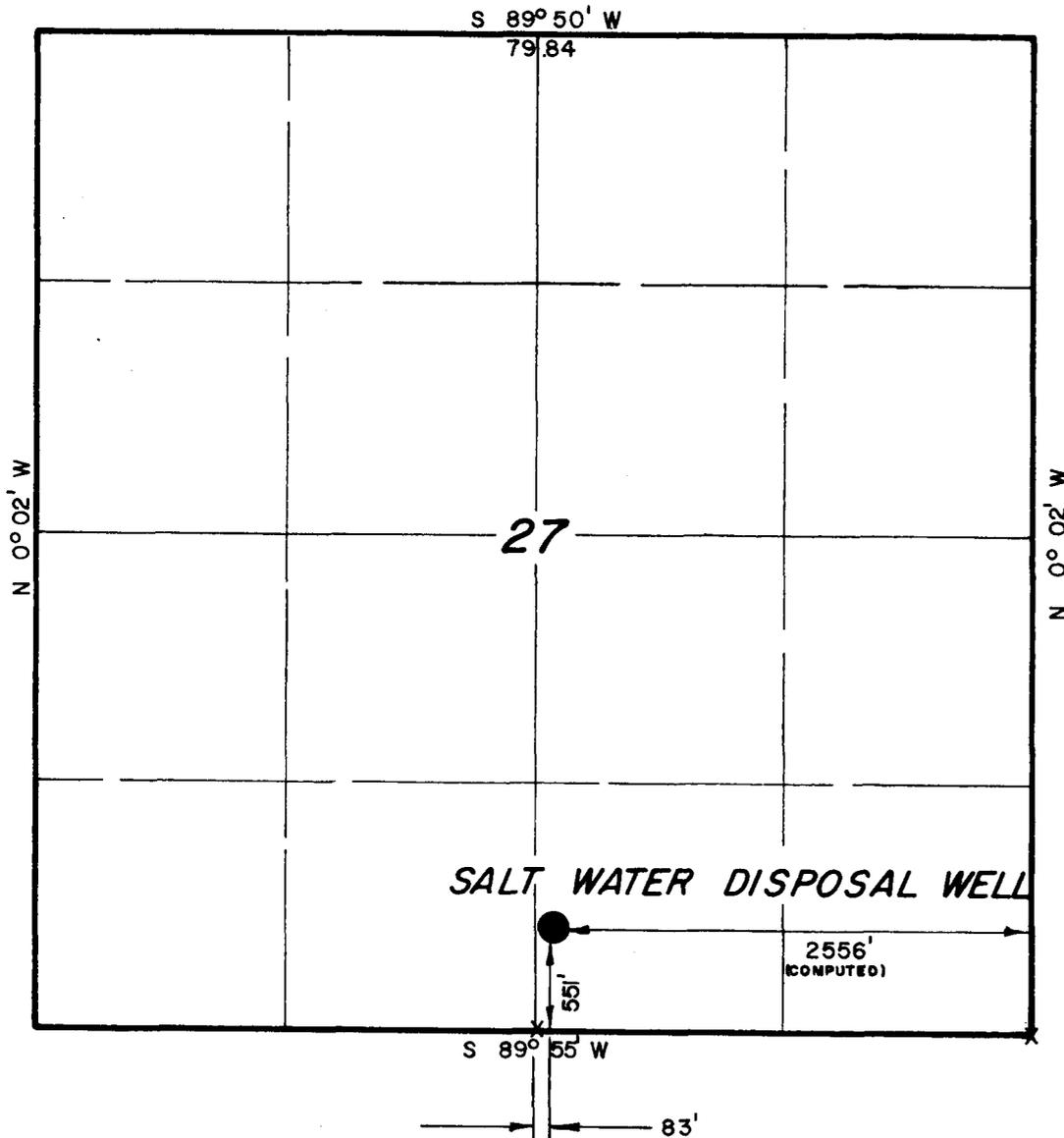
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

PROJECT

SHELL OIL COMPANY

Well location, located as shown in the SW 1/4 SE 1/4 Section 27, T2S, R5W, U.S.B. & M. Duchesne 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.

*Robert J. Marshall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 9/4/74
PARTY	REFERENCES GLO PLAT
WEATHER HOT	FILE SHEL OIL CO.

# DRILLING WELL PROGNOSIS

WELL NAME 2-27B5  
 TYPE WELL S.W.D.  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) SE<sup>1</sup>/<sub>4</sub> Section 27, T2S, R5W

EST. G. L. ELEVATION 5860 PROJECTED TD 5000 OBJECTIVE Duchesne River-Uinta

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
12 <sup>1</sup> / <sub>4</sub> "	9-5/8" 36# K-55 STC			300' or 50' thru boulders, whichever is deeper	SAMPLES:  None  CORES:  None  DST'S:  DEVIATION CONTROL 1°/1000  CEMENT  9-5/8": Circ to surface 7": To surface  MUD  Drill with water, add lime as required to flocculate solids. Mud up after TD to run logs and casing.
3-3/4"	7" 23" K-55 STC	DIL SONIC GR	1°/1000	TD 5,000'	

ORIGINATOR: DMN DATE 9/5/74

ENGINEERING APPROVAL:  
 PETROLEUM:  
 OPERATIONS: *[Signature]* SSM 9/5/74

OPERATIONS APPROVAL:  
*[Signature]*  
 DIV. DRILLING SUPT.

# DRILLING WELL PROGNOSIS

WELL NAME 2-27B5  
 TYPE WELL S.W.D.  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) SE $\frac{1}{4}$  Section 27, T2S, R5W

EST. G. L. ELEVATION 5860 PROJECTED TD 5000 OBJECTIVE Duchesne River-Uinta

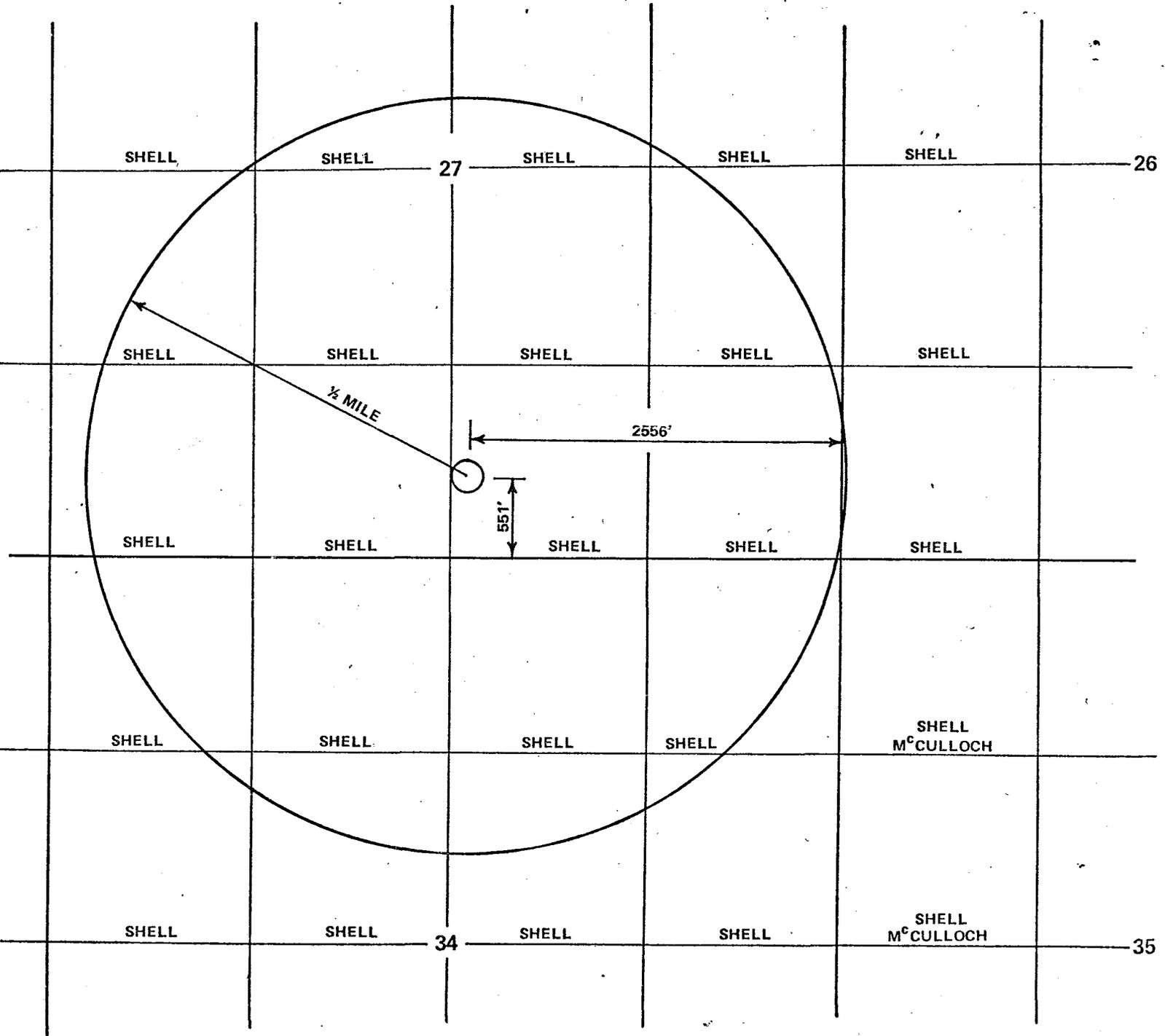
HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
12 $\frac{1}{4}$ "	9-5/8" 36# K-55 STC			300' or 50' thru boulders, whichever is deeper	SAMPLES: None  CORES: None  DST'S:   DEVIATION CONTROL 1°/1000  CEMENT  9-5/8": Circ to surface 7": To surface  MUD Drill with water, add lime as required to flocculate solids. Mud up after TD to run logs and casing.
8-3/4"	7" 23" K-55 STC	DIL SONIC GR	1°/1000	TD 5,000'	

ORIGINATOR: DMN DATE 9/5/74

ENGINEERING APPROVAL:  
 PETROLEUM:  
 OPERATIONS: [Signature] ISM 9/5/74

OPERATIONS APPROVAL:  
[Signature]  
 DIV. DRILLING SUPT.

LESSEE PLAT  
PARTS OF SEC'S. 26, 27, 34, 35  
T 2 S-R 5 W USM  
DUCHESNE CO., UTAH



SHELL OIL COMPANY  
EXHIBIT "A-2"

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
DEPARTMENT OF NATURAL RESOURCES  
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF SHELL )  
OIL COMPANY FOR ADMINISTRATIVE APPROVAL, )  
PURSUANT TO RULE C-11, AUTHORIZING THE )  
DRILLING OF AN INJECTION WELL AND THE )  
UNDERGROUND DISPOSAL OF WATER PRODUCED )  
WITH OIL FROM WELLS IN THE GREATER )  
ALTAMONT-BLUEBELL AREAS, DUCHESNE AND )  
UINTAH COUNTIES, UTAH )

APPLICATION

Applicant, SHELL OIL COMPANY, in support of this application, respectfully shows to the Board of Oil and Gas Conservation of the State of Utah, as follows:

1. Applicant is a Delaware corporation duly authorized to transact business in the State of Utah.
2. Applicant is an oil and gas operator in the greater Altamont-Bluebell areas, Duchesne and Uintah Counties, Utah.
3. There are many producing oil and gas wells in the greater Altamont-Bluebell areas and surrounding area which are producing in association with oil and gas, salt water, brackish water or other water unfit for domestic, livestock, irrigation or other general uses. Unless appropriate disposal is provided possible damage may occur to surface estates and potable surface waters.
4. Applicant proposes to dispose of such produced water by injection underground into the lower portion of the Duchesne River-Uinta formations underlying the proposed disposal well.
5. Applicant proposes to drill a salt water disposal well to be designated Well No. 2-27B5 and located 551 feet from the south line and 2556 feet from the east line of Section 27, Township 2 South, Range 5 West, U.S.B. & M., Duchesne County, Utah. The location of the proposed disposal well and all oil and gas wells, including abandoned and drilling wells and dry holes within the greater Altamont-Bluebell areas are shown and designated on Exhibit "A" attached hereto and by this reference made a part hereof. Also attached hereto and made a part hereof are Exhibits "A-1" and "A-2" showing and

depicting, respectively, the detailed location of the proposed disposal Well No. 2-27B5 to be drilled. Applicant is the only lessee of record within one-half mile of the proposed disposal well.

6. The Duchesne River-Uinta formations are predominantly clastic rocks including numerous sandstone containing waters and brines. Based primarily upon logs of the Shell-Murdock No. 1-26B5 well, Applicant believes the Duchesne River-Uinta formations occur from the surface to a depth of approximately 3400 feet at the proposed well location.

7. Attached hereto and hereby made a part hereof as Exhibit "B" is a reproduction of the pertinent portion of the log of the Shell-Murdock No. 1-26B5 well which is submitted as typical and in lieu of a log of the proposed disposal well to be drilled. Also attached hereto and hereby made a part hereof as Exhibit "B-1" is a reproduction of the pertinent portion of the log of the nearby Shell-Murdock No. 1-34B5 well.

8. Attached hereto and hereby made a part hereof as Exhibit "C" is a prognosis of Well No. 2-27B5 to be drilled which describes and depicts the proposed casing and cementing program for such well. Applicant proposes to pressure test casing prior to injection and precautions will be taken to protect oil, gas and fresh water resources.

9. Water to be disposed of is that which is produced with oil from the Green River-Wasatch formations beneath oil and gas wells in the greater Altamont-Bluebell areas. Injection is proposed through said Well No. 2-27B5 at subsurface intervals ranging approximately from 2,300 feet to 3,400 feet, at an estimated minimum amount of 200 barrels of water per day increasing to an estimated maximum amount of 5,000 barrels per day due to additional wells and normal water cut increase. Applicant believes the Duchesne River-Uinta formations will adequately take and receive the estimated maximum volumes of produced water.

10. Applicant applied for and received approvals for water disposal wells No. 1-27A4 located in the southwest quarter of Section 27, Township 1 South, Range 4 West, approximately eight miles northeast of the proposed disposal well, and No. 2-4B3 located in the southwest quarter of Section 4, Township 2 South, Range 3 West, approximately 12 miles east-northeast of the proposed disposal well. Based upon analyses made by Applicant and the Division

of formation water taken from Well No. 1-27A4 at the equivalent stratigraphic intervals proposed herein, Applicant believes that produced water to be disposed of and formation water in the Duchesne River-Uinta formations at the proposed injection intervals are both unfit for domestic, livestock, irrigation or other general uses. However, as in the case of Well No. 1-27A4, Applicant will take two samples of formation water by production swab tests, one from the subsurface interval from 2,300 to 2,600 feet and the other test will be taken below 2,600 feet over an interval to be selected by Applicant. Applicant will notify the Director, Division of Oil and Gas Conservation, prior to taking such samples and conducting such tests in order that the Director or his staff may witness the tests and take independent samples.

11. Applicant proposes to provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures, and such information will be recorded or logged.

WHEREFORE, Applicant respectfully requests that the Board of Oil and Gas Conservation, pursuant to Rule C-11, approve administratively the drilling of the disposal well and the underground disposal of water produced with oil all as more fully set forth herein.

Dated this 20th day of September, 1974.

Respectfully submitted,

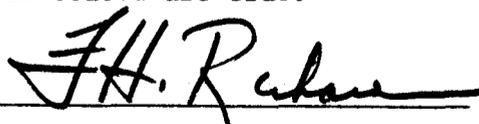
SHELL OIL COMPANY

By   
F. H. Richardson  
Division Production Manager  
Western Division  
P. O. Box 576  
Houston, Texas 77001

STATE OF TEXAS

COUNTY OF HARRIS

F. H. Richardson, being first duly sworn on oath, deposes and says that he is Division Production Manager for the Western Division of Shell Oil Company; that he has read the foregoing application and knows the contents thereof; and that the matters and things therein stated are true.



Subscribed and sworn to before me this 20th day of September, 1974.

My Commission Expires:

June 1, 1975



(B)

PARTIAL

75 086

PLEASE NOTE: Sample cannot be analysed until all blanks are filled in (Slip must accompany sample)

STATE OF UTAH  
DEPARTMENT OF SOCIAL SERVICES  
DIVISION OF HEALTH  
44 MEDICAL DRIVE  
SALT LAKE CITY, UTAH 84113

DO NOT WRITE HERE  
Sample Received on JAN. 16 1973  
Analysis Authorization \_\_\_\_\_

WATER SAMPLE FOR CHEMICAL ANALYSIS   
WATER SAMPLE FOR RADIOLOGIC ANALYSIS

SAMPLE COLLECTED FROM: (check one)

Stream  Spring  Well   
City or Town water distribution system   
Other  (describe) WASTE WATER INJECTION WELL

EXACT DESCRIPTION OF SAMPLING POINT: (see note on reverse side) WELL No. 2-27B5 SEC 27, T2S, R5W (USM) DUCHESNE CO.

STATE ENGINEER'S APPLICATION OR CLAIM NO. FROM PERFORATIONS AT 2088 TO 2383 LEVEL

SUPPLY OWNED BY: \_\_\_\_\_

PRESENT USE OF SUPPLY: \_\_\_\_\_

PROPOSED USE OF SUPPLY: \_\_\_\_\_

SAMPLE COLLECTED BY: CLEON FEIGHT, OIL & GAS DIV. DATE: \_\_\_\_\_

REPORT RESULTS TO: R. HINSHAW RMA PHONE: \_\_\_\_\_

Address: BLDG 72

DO NOT WRITE BELOW DOUBLE LINE

RESULTS OF ANALYSIS

Turbidity	_____	J.T.U.	_____	Iron (total) as Fe	_____	mg/l
Conductivity	<u>22,700</u>	micromhos/cm	_____	Iron in filtered sample as Fe	_____	mg/l
pH	_____		<u>7.00</u>	Lead as Pb	_____	mg/l
Total Dissolved Solids	_____		<u>17500</u>	Magnesium as Mg	_____	mg/l
Alkalinity (total) as CaCO <sub>3</sub>	_____		<u>4478</u>	Manganese as Mn	_____	mg/l
Aluminum as Al	_____		_____	Mercury as Hg	_____	mg/l
Arsenic as As	_____		_____	Nitrate as N	_____	mg/l
Barium as Ba	_____		_____	Nitrite as N	_____	mg/l
Bicarbonate as HCO <sub>3</sub>	_____		<u>5000</u>	Phosphate as PO <sub>4</sub>	_____	mg/l
Boron as B	_____		_____	Phenols as Phenol	_____	mg/l
Cadmium as Cd	_____		_____	Potassium as K	_____	mg/l
Calcium as Ca	_____		_____	Selenium as Se	_____	mg/l
Carbonate as CO <sub>3</sub>	_____		_____	Silica as SiO <sub>2</sub>	_____	mg/l
Chloride as Cl	_____		<u>8000</u>	Silver as Ag	_____	mg/l
Chromium (hexavalent) as Cr	_____		_____	Sodium as Na	<u>7000</u>	mg/l
Copper as Cu	_____		_____	Sulfate as SO <sub>4</sub>	<u>500</u>	mg/l
Cyanide as CN	_____		_____	Surfactant as MBAS	_____	mg/l
Fluoride as F	_____		_____	Zinc as Zn	_____	mg/l
Hardness (total) as CaCO <sub>3</sub>	_____		<u>18</u>	Total Alpha	_____	pci/l
Hydroxide as OH	_____		_____	Total beta	_____	pci/l
Ammonia N as NH <sub>3</sub>	_____		_____	Tritium	_____	nci/l
				Nickel, Ni.	_____	mg/l

partial sample #85

STATE OF UTAH, DEPT. OF SOCIAL SERVICES  
DIV. OF HEALTH, 44 Medical Dr.  
S.L.C., Utah 84113

Laboratory No. \_\_\_\_\_  
Date Received \_\_\_\_\_  
Anal. Authorized by \_\_\_\_\_

IDENTIFICATION OF WATER SAMPLE FOR:  CHEMICAL,  RADIOLOGICAL ANALYSIS  
Name of water sampled and exact description of sample point: \_\_\_\_\_

State Eng. Appln. No. \_\_\_\_\_ Supply owned by \_\_\_\_\_  
Present use of supply \_\_\_\_\_ Proposed use of supply \_\_\_\_\_  
Sample collected by: \_\_\_\_\_ Date \_\_\_\_\_  
Report results to: \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_ Phone \_\_\_\_\_

LABORATORY BENCH DATA				COMPUTER CODED DATA			
Station Designation	Date of Sample			Station Code Serial	YR. MO. DAY		
	YR.	MO.	DAY		13 - 18	(Blank)	
Time Sample was taken	Parameter Code	Value	Exponent	Remarks			
<b>CATIONS</b>				<b>NOTE: CODE ONLY ENCLOSED VALUES</b>			
me/l	mg/l	ug/l					
Aluminum, Dissolved				0 1 1 0 6			
Ammonia N as NH <sub>4</sub> <sup>+</sup>				19 - 23	24 - 27	28 29	30
Arsenic, Dissolved	0.07	70		7 1 8 4 5			
Barium, Dissolved	0.0	0		31 - 35	36 - 39	40 41	42 80
Boron, Dissolved				0 1 0 0 0			
Cadmium, Dissolved	0.130	130		43 - 47	48 - 51	52 53	54 L
Calcium, Dissolved	0.15	3		0 1 0 0 5			
Chromium, Diss. as Cr				55 - 59	60 - 63	64 65	66 A
Chromium, Hex. as Cr.				0 1 0 2 0			
Copper, Dissolved	0.09	90		67 - 71	72 - 75	76 77	78 79 K
Iron, Dissolved	0.20	20		NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Lead, Dissolved	0.260	260		0 1 0 2 5			
Molybdenum, Dissolved				19 - 23	24 - 27	28 29	30
Magnesium, Dissolved	0.21	3		0 0 9 1 5			
Manganese, Dissolved	0.03	30		31 - 35	36 - 39	40 41	42 80
Mercury, Sus. and Diss.				0 1 0 3 0			
Nickel, Dissolved	0.480	480		43 - 47	48 - 51	52 53	54 L
Potassium, Dissolved	1.92	75		0 1 0 3 2			
Selenium, Dissolved				55 - 59	60 - 63	64 65	66 A
Silver, Dissolved	0.034	34		0 1 0 4 0			
Sodium, Dissolved	305.	7000		67 - 71	72 - 75	76 77	78 79 K
Strontium, Dissolved				NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Tin, Dissolved				7 1 9 0 0			
Zinc, Dissolved	0.03	30		19 - 23	24 - 27	28 29	30
	910			0 1 0 4 9			
				31 - 35	36 - 39	40 41	42 80
				0 1 0 6 0			
				43 - 47	48 - 51	52 53	54 L
				0 0 9 2 5			
				55 - 59	60 - 63	64 65	66 A
				0 1 0 5 6			
				67 - 71	72 - 75	76 77	78 79 K
				NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
				0 1 0 7 5			
				19 - 23	24 - 27	28 29	30
				0 1 0 8 0			
				31 - 35	36 - 39	40 41	42 80
				0 1 1 4 5			
				43 - 47	48 - 51	52 53	54 L
				0 1 0 9 0			
				55 - 59	60 - 63	64 65	66 A
				0 1 1 0 0			
				43 - 47	48 - 51	52 53	54 L
				0 1 0 9 0			
				55 - 59	60 - 63	64 65	66 67 K

LABORATORY BENCH DATA

COMPUTER CODED DATA

Station Designation  Date of Sample YR. MO. DAY

Station Code Serial  YR. MO. DAY    13 - 18 (Blank)

Time Sample was taken

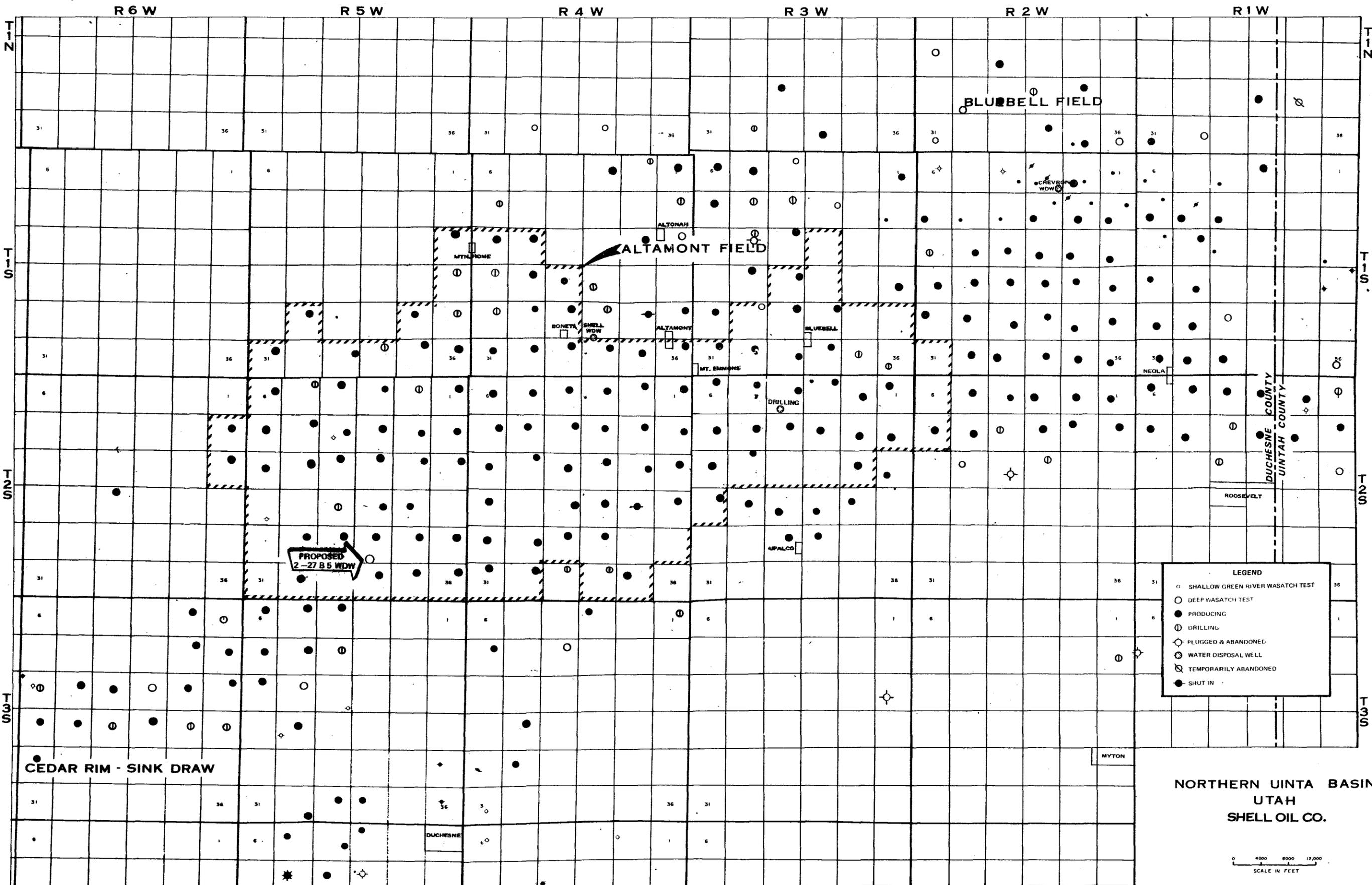
Parameter Code Value Exponent Remarks

	mg/l	ug/l
Silica, Dissolved as SiO <sub>2</sub>	<u>32</u>	
Tot. Alkalinity as CaCO <sub>3</sub>	<u>4428</u>	
Chlorine, Total Residual		
<b>0.36</b> Tot. Hardness as CaCO <sub>3</sub>	<u>18</u>	
Total Iron, Sus. and Diss.	<u>0.20</u>	<u>200</u>
Turbidity as JTU		
me/l ANIONS		
Bicarbonate as HCO <sub>3</sub> <sup>-</sup>	<u>1000</u>	
Carbon Dioxide as CO <sub>2</sub>	<u>0</u>	
Carbonate as CO <sub>3</sub> <sup>-</sup>	<u>2164</u>	
Specific Cond. at 25°C	<u>28,800</u>	uMhos/cm
<b>22.6</b> Chloride, Dissolved	<u>8000</u>	
<b>88.6</b> Carbonate Alk. as CO <sub>3</sub>	<u>2657</u>	
Fluoride as F (dissolved)		
Hydroxide as OH <sup>-</sup>	<u>0</u>	
Iodide as I (dissolved)		
<span style="border: 1px solid black; display: inline-block; width: 20px; height: 15px;"></span> Nitrate as N		
<span style="border: 1px solid black; display: inline-block; width: 20px; height: 15px;"></span> Nitrite as N		
Phosphorus, Ortho as P		
<b>10</b> Sulfate as SO <sub>4</sub> <sup>--</sup>	<u>500</u>	
<b>325</b> Surfactant as MBAS		<u>11,190</u>
CCE		
Cyanide		
COD, Total		
Kjeldahl - N (Total)		
Oil - Grease		
pH	<u>10.00</u>	--
Phenolics		
Phosphate, Total as PO <sub>4</sub>		
Phosphorus, Tot. Organic		
Solids, Dis.(DET. @ 180°C) (TDS)	<u>19560</u>	<u>18300</u>
Solids, Sus. (TSS)		
Solids, Tot.		
Solids, Vol.		
Alpha, Tot.		pc/l
Beta, Tot.		pc/l

00955				
19 - 23	24 - 27	28 29	30	
00410				
31 - 35	36 - 39	40 41	42	80
50060				B
43 - 47	48 - 51	52 53	54	L
00909				A
55 - 59	60 - 63	64 65	66	N
01045				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
00070				
19 - 23	24 - 27	28 29	30	
00440				
31 - 35	36 - 39	40 41	42	80
00405				B
43 - 47	48 - 51	52 53	54	L
00445				A
55 - 59	60 - 63	64 65	66	N
00095				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
00940				
19 - 23	24 - 27	28 29	30	
31 - 35	36 - 39	40 41	42	80
00950				B
43 - 47	48 - 51	52 53	54	L
71830				A
55 - 59	60 - 63	64 65	66	N
71865				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
00620				
19 - 23	24 - 27	28 29	30	
00615				
31 - 35	36 - 39	40 41	42	80
00671				B
43 - 47	48 - 51	52 53	54	L
00945				A
55 - 59	60 - 63	64 65	66	N
38260				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
32005				
19 - 23	24 - 27	28 29	30	
00720				
31 - 35	36 - 39	40 41	42	80
00335				B
43 - 47	48 - 51	52 53	54	L
00625				A
55 - 59	60 - 63	64 65	66	N
00550				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
00400				
19 - 23	24 - 27	28 29	30	
32730				
31 - 35	36 - 39	40 41	42	80
00650				B
43 - 47	48 - 51	52 53	54	L
00670				A
55 - 59	60 - 63	64 65	66	N
70300				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
00530				
19 - 23	24 - 27	28 29	30	
00500				
31 - 35	36 - 39	40 41	42	80
00505				B
43 - 47	48 - 51	52 53	54	L
01501				A
55 - 59	60 - 63	64 65	66	N
03501				K
67 - 71	72 - 75	76 77	78 79	
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				

Chemist REBACA

Date Mar 4, 75



**LEGEND**

- SHALLOW GREEN RIVER WASATCH TEST
- DEEP WASATCH TEST
- PRODUCING
- ⊕ DRILLING
- ⊖ PLUGGED & ABANDONED
- ⊗ WATER DISPOSAL WELL
- ⊘ TEMPORARILY ABANDONED
- SHUT IN

NORTHERN UINTA BASIN  
UTAH  
SHELL OIL CO.

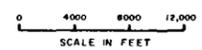


EXHIBIT "A"

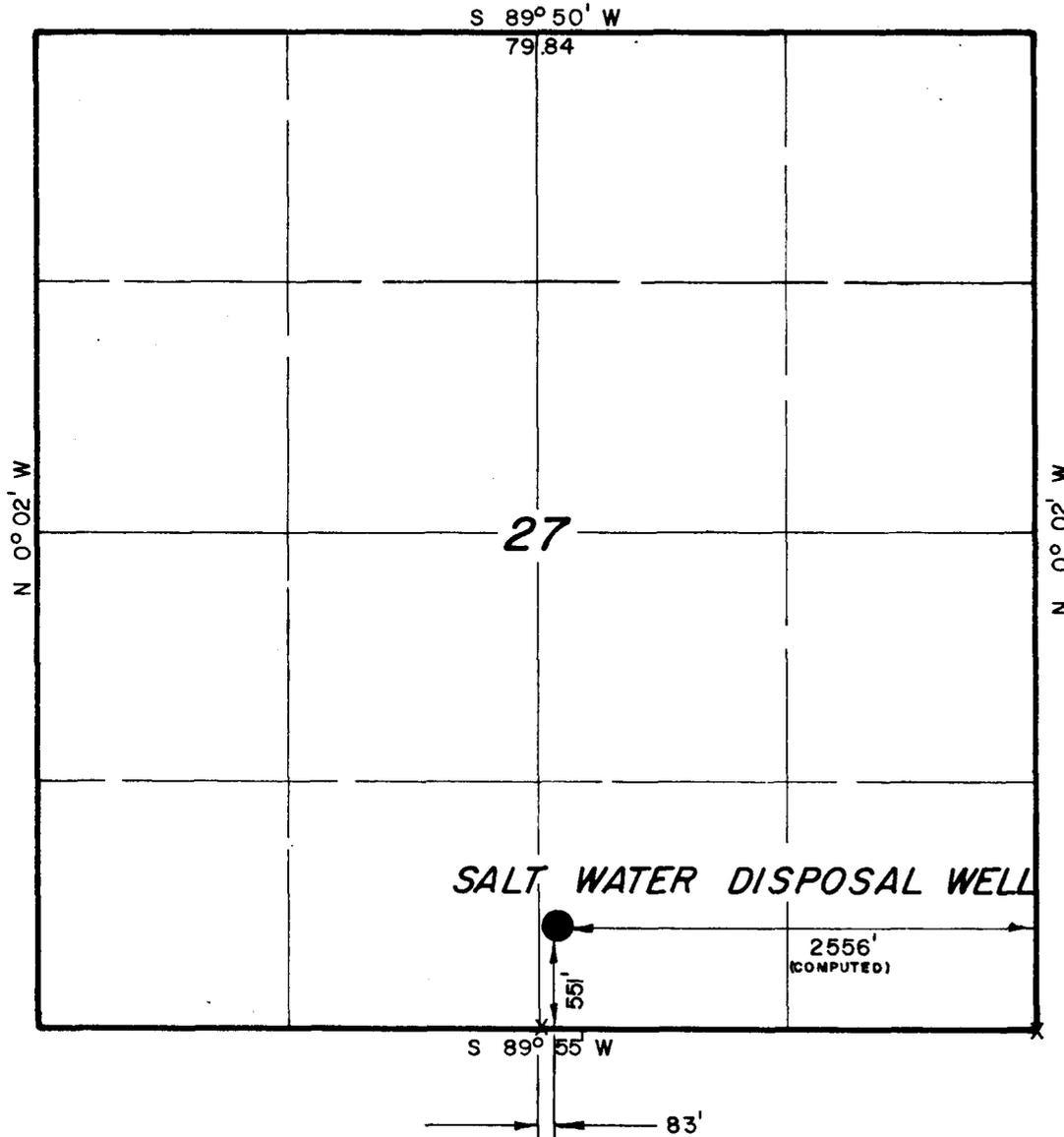
T2S, R5W, U.S.B. & M.

PROJECT

SHELL OIL COMPANY

Well location, located as shown in the SW 1/4 SE 1/4 Section 27, T2S, R5W, U.S.B. & M. Duchesne County, Utah.

EXHIBIT "A-1"



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.

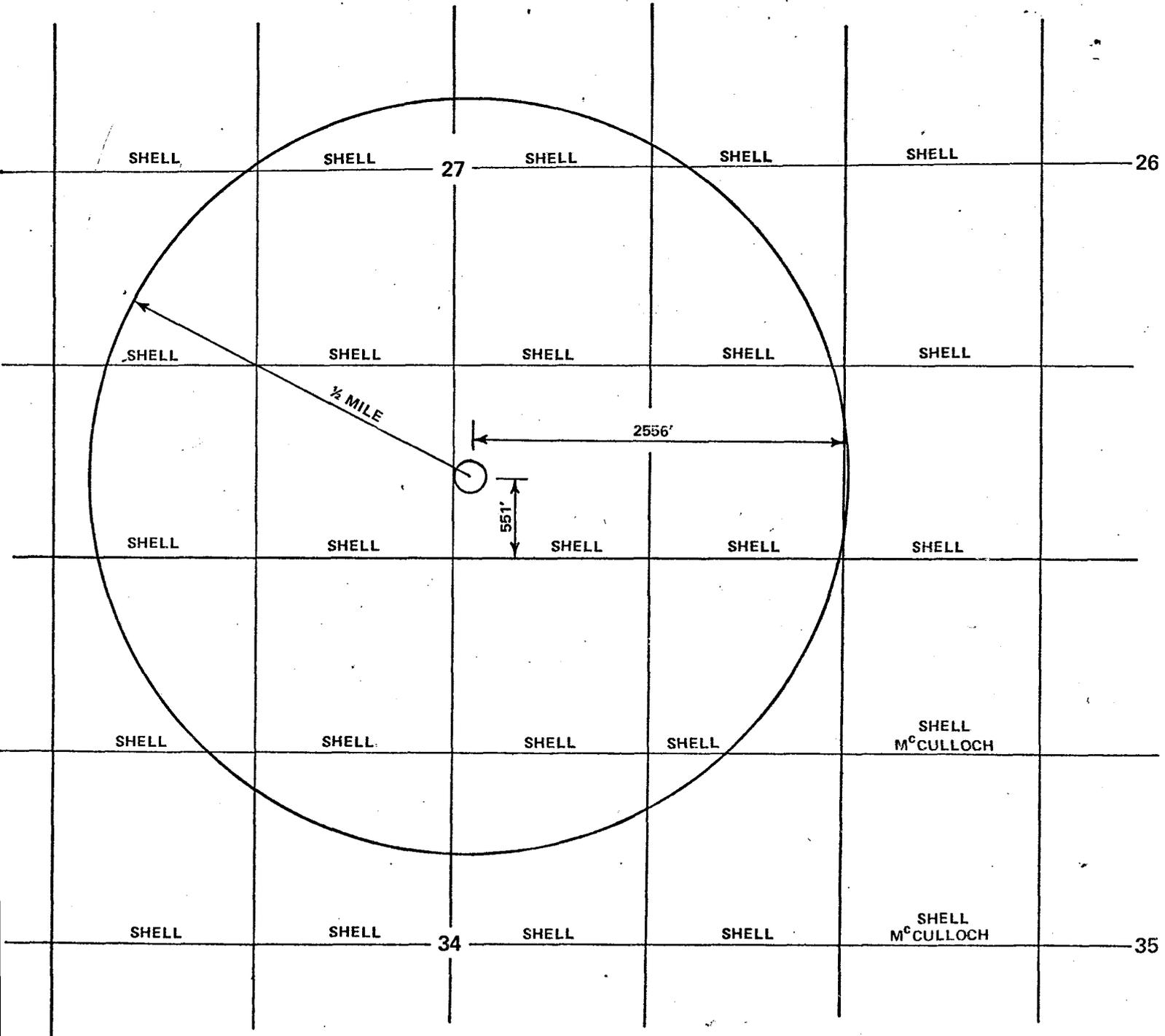
*John D. Marshall*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 9/4/74
PARTY	REFERENCES GLO PLAT
WEATHER HOT	FILE SHEL OIL CO.

X<sub>2</sub> section corners located.

LESSEE PLAT  
PARTS OF SEC'S. 26, 27, 34, 35  
T 2 S-R 5 W USM  
DUCHESNE CO., UTAH



SHELL OIL COMPANY  
EXHIBIT "A-2"

**BOREHOLE COMPENSATED  
SONIC LOG - RAMONA DRY**  
WITH GAUGES

**COUNTY** DUCHESNE  
**FIELD or LOCATION** ALTAMONT  
**WELL** MURDOCK NO. 1-34 B5  
**COMPANY** SHELL OIL CO.

**COMPANY** SHELL OIL COMPANY

**WELL** MURDOCK NO. 1-34 B5

**FIELD** ALTAMONT

**COUNTY** DUCHESNE **STATE** UTAH

**Location** NE

**Other Services:**  
DIL  
FDC-GR  
CNL-GR

**Sec.** 34 **Trap** 25 **Rge.** 51/

**Permitted Datum:** GL  
**Log Measured From:** KB  
**Drilling Measured From:** RA

**Elev.: 5831**  
**25 Ft. Above Perm. Datum**

**Elev.: K.B. 5857**  
**D.F. 5831**  
**G.L. 5831**

Date	7-27-73	8-9-73		
Run No.	ONE	TWO		
Depth - Driller	11025	11700		
Depth - Logger	11077	11707		
Sen. Log Interval	10077	11706		
Top Log Interval	0300	10113		
Casing - Driller	9-5/8 @ 260	7 @ 10106		
Casing - Logger	5250	10113		
Bit Size	8-3/4	8-1/8		
Type Fluid in Hole	F. C. M.	LOW LIME		
Fluid Level	FULL	FULL		
Dens. Visc.	11.0 36	14.2 44		
pH Fluid Loss	10.7 4.9 ml	10.8 2.5 ml		
Source of Sample	WJDP 17	PIT		
Ref. @ Meas. Temp.	65 @ 93 °F	6.59 @ 93 °F		
Ref. @ Meas. Temp.	39 @ 93 °F	0.32 @ 93 °F		
Ref. @ Meas. Temp.	97 @ 93 °F	0.64 @ 93 °F		
Source: Ref. Rinc	M C	M C		
Ref. @ BHT	31 @ 166 °F	0.26 @ 216 °F		
Time Since Circ.	15 HRS.	12 HRS.		
Max. Res. Temp.	166 °F	216 °F		
Equip. Location	7647 VERNAL	7674 VERNAL		
Recorded By	HAUGAARD	STRAVN		
Witnessed By	BECK	BECK		

Scale Up Hole \_\_\_\_\_ Scale Down Hole \_\_\_\_\_

Depth \_\_\_\_\_ Type Log \_\_\_\_\_

**CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES**

Date	Sample No.	Type Fluid in Hole	Dens.	Visc.	pH	Fluid Loss	Source of Sample	Ref. @ Meas. Temp.	Ref. @ Meas. Temp.	Ref. @ Meas. Temp.	Source: Ref. Rinc	Ref. @ BHT	Time Since Circ.	Max. Res. Temp.

**EQUIPMENT DATA**

Run No.	ONE	TWO
Sonic Panel No.	JB-493	281
Sonic Cart No.	A-166	264
Sonic Stand No.	D-307	305
Mem. Panel No.	B-274	207
G.R. Cart No.	J-65	E-98
G.R. Panel No.	A-98	27
Caliper No.		849
TTB No.		MO
Cart Device		USED
Stand off Inches		1-1/2
Time Count Sec		1
Speed 11.4		60

**REMARKS**  
Service Order No. 50 #87114  
API Serial No.

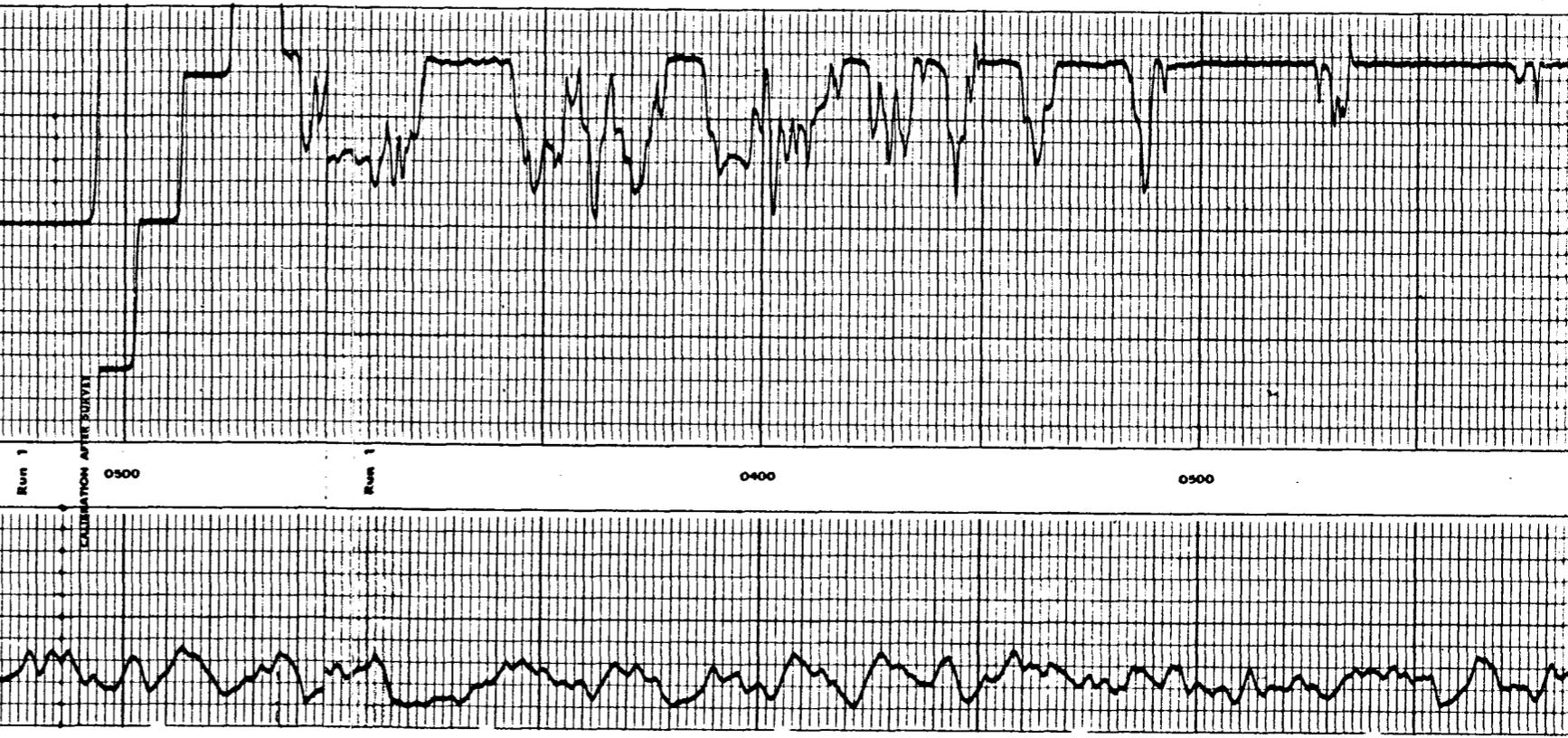
CALIBRATION DATA: SOURCE: GALV INCR SENS TAP SENS TAP TIME  
 CALIBRATION BACKGROUND: DIVISION (FOR CAL) (RECORD) CONST.  
 RUN ONE: 80 400 0-200 0-150  
 RUN TWO: 74 150 0-185 0-150

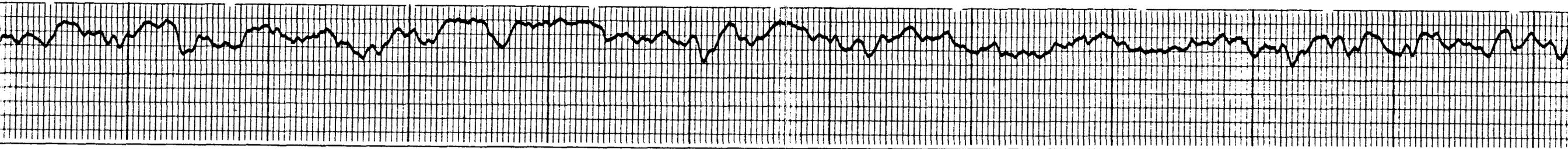
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence, be liable for any damages, direct or indirect, or any loss, cost, damage or expense incurred or sustained by any party other than our employees. These interpretations are also subject to Chapter 7 of our General Terms and Conditions set out in our current Price Schedule.

CALIPER HOLE DIA. IN INCHES 0 150 300 110 170 140 50 110	DEPTHS GAMMA RAY API UNITS Run 1	INCREMENTAL WEIGHT LINE INCREASES APPROX. 1000W/DIV. T-3 R-2 F.
CALIPER HOLE DIA. IN INCHES 6 16	DEPTHS GAMMA RAY API UNITS Run 1	INCREMENTAL WEIGHT LINE INCREASES APPROX. 500W/DIV. T-3 R-2 F.

DETAIL LOG

5"=100'





000

000

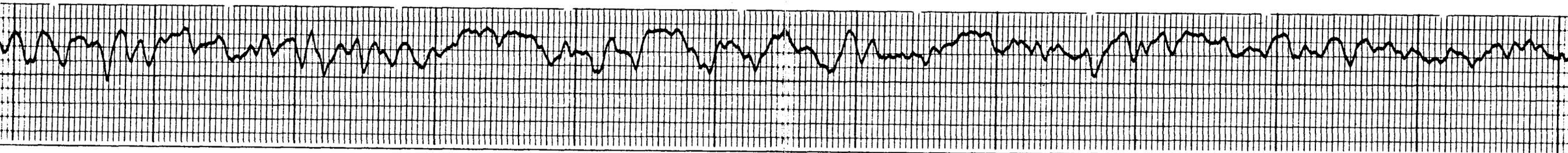
0060

0800

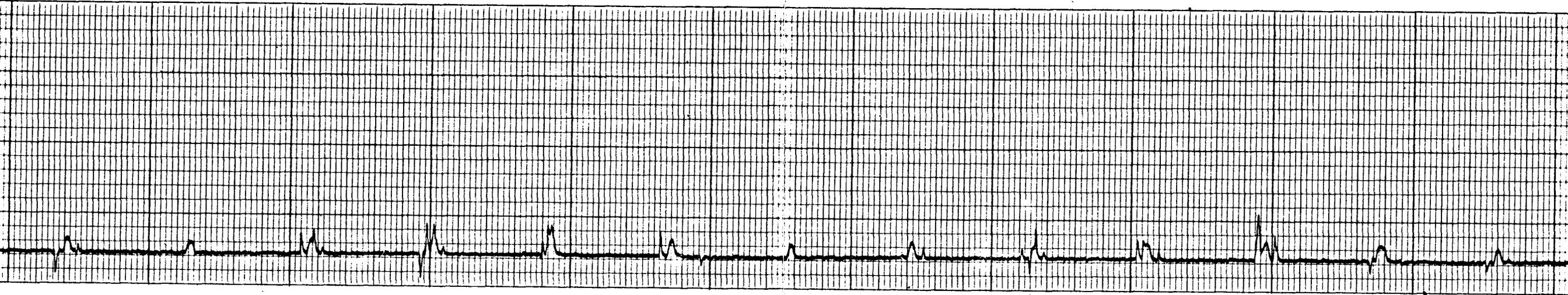
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0600





0041 0031 0021 0011 0001





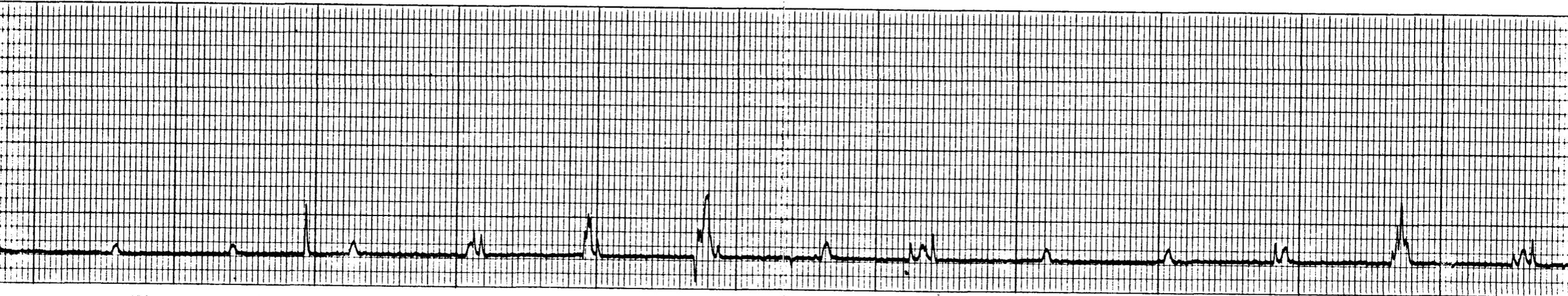
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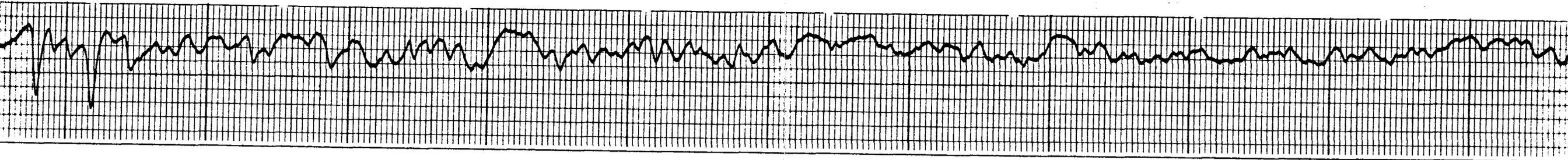
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2000

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2700

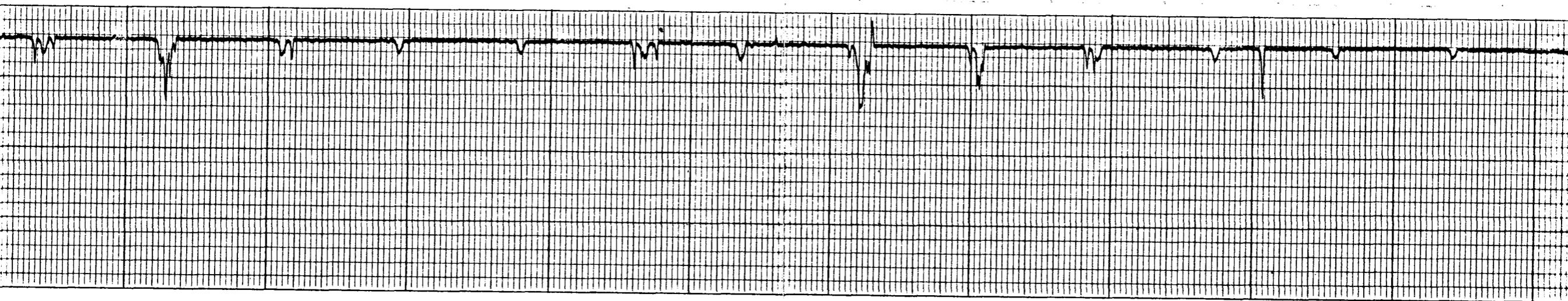
2600

2500

2400

2300





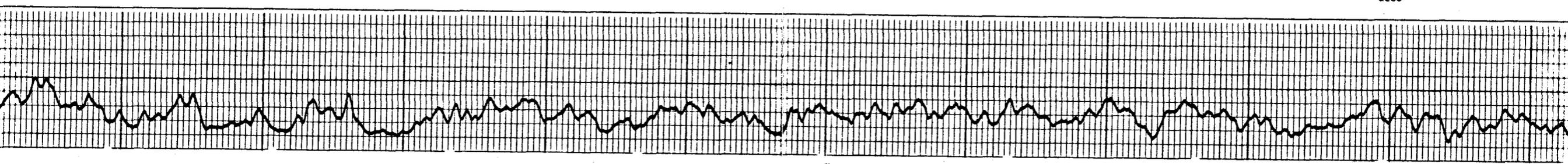
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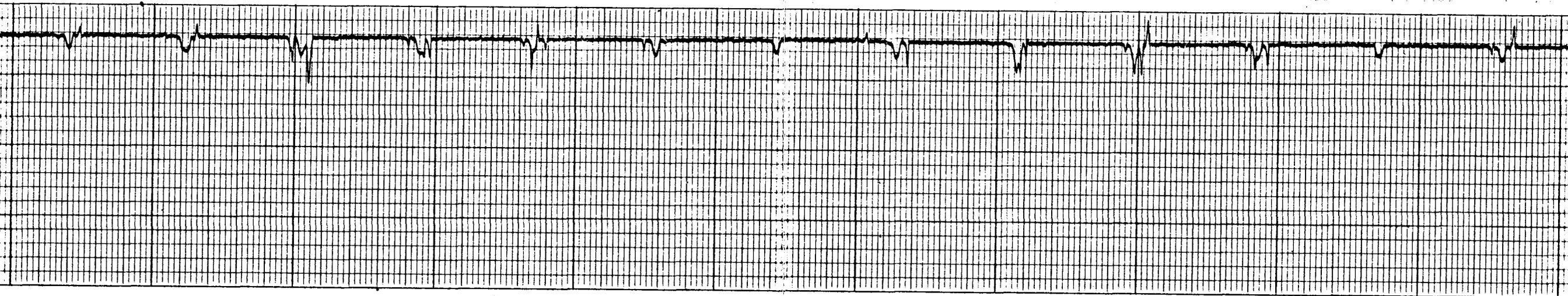
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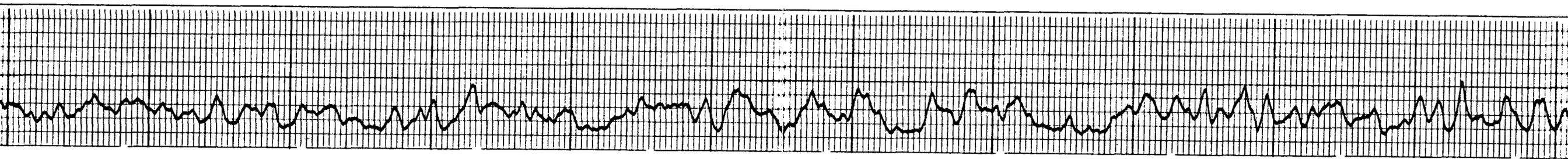
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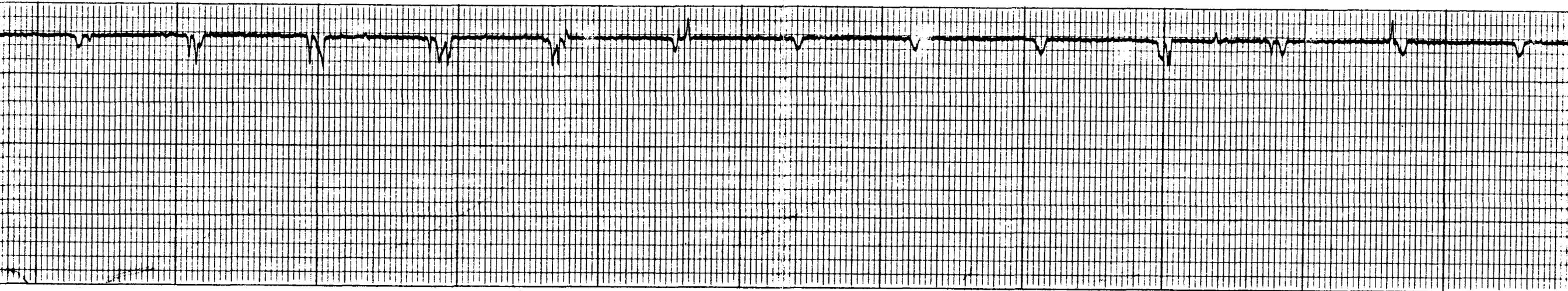
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700





0600

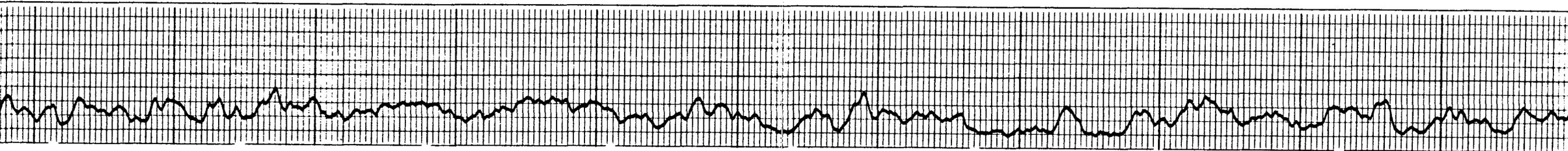
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0800

0900

1000

1100

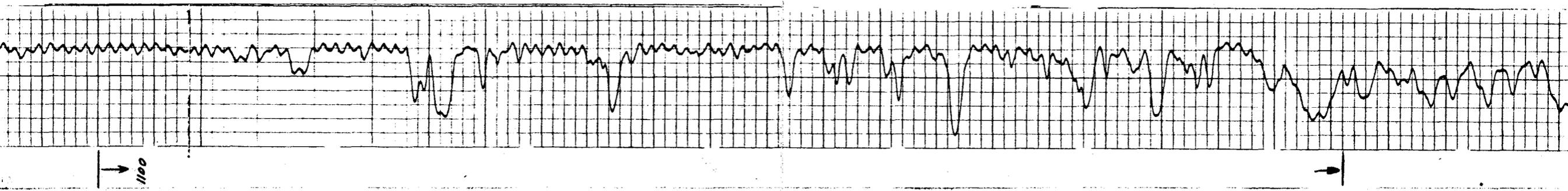
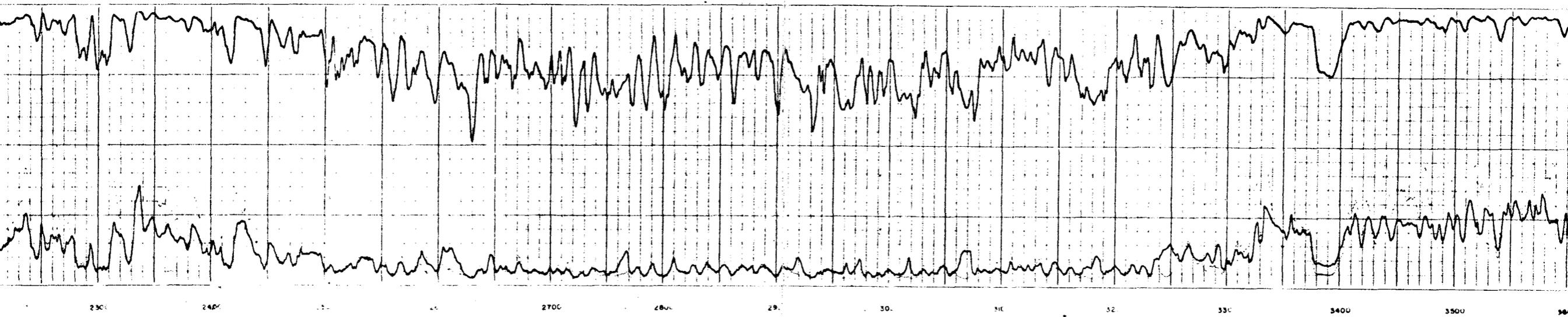


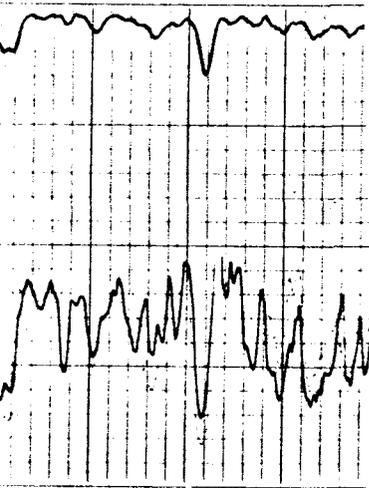




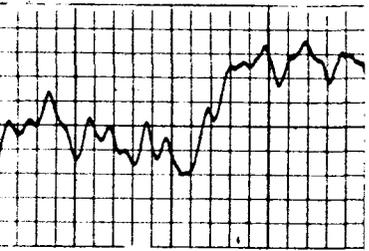








3700



DRILLING WELL PROGNOSIS

WELL NAME 2-27B5  
 TYPE WELL S.W.D.  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) SE 1/4 Section 27, T2S, R5W

EST. G. L. ELEVATION 5860 PROJECTED TD 4200' OBJECTIVE Duchesne River-Uinta

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
12 1/4"	9-5/8" 36# K-55 STC			300' or 50' thru boulders, whichever is deeper	SAMPLES: None
8-3/4"	7" 23" K-55 STC	DIL SONIC GR	1°/1000		CORES: None  DST'S:  DEVIATION CONTROL 1°/1000  CEMENT 9-5/8": Circ to surface 7": To surface  MUD Drill with water, add lime as required to flocculate solids. Mud up after TD to run logs and casing.
				TD 4200'	EXHIBIT "C"

ORIGINATOR: DMN DATE 9/5/74

ENGINEERING APPROVAL:

PETROLEUM:

OPERATIONS:

*[Signature]* for DSM 9/5/74

OPERATIONS APPROVAL:

*[Signature]*

DIV. DRILLING SUPT.

# DRILLING WELL PROGNOSIS

WELL NAME 2-27B5  
 TYPE WELL S.W.D.  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) SE 1/4 Section 27, T2S, R5W

EST. G. L. ELEVATION 5860 PROJECTED TD 4200 OBJECTIVE Duchesne River-Uinta

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8-3/4"	7" 23" K-55 STC	DIL SONIC GR	1°/1000	TD 4200'	CORES: None DST'S: DEVIATION CONTROL 1°/1000 CEMENT 9-5/8": Circ to surface 7": To surface MUD Drill with water, add lime as required to flocculate solids. Mud up after TD to run logs and casing.

EXHIBIT "C"

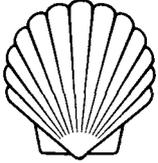
ORIGINATOR: DMN DATE 9/5/74

ENGINEERING APPROVAL:

PETROLEUM: *[Signature]*  
 OPERATIONS: *[Signature]* 9/5/74

OPERATIONS APPROVAL:

*[Signature]*  
 DIV. DRILLING SUPT.



# SHELL OIL COMPANY

1200 MILAM STREET  
P. O. BOX 576  
HOUSTON, TEXAS 77001

September 20, 1974

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

Attention: Mr. Cleon B. Feight, Director

Gentlemen:

Enclosed herewith are three copies of Shell Oil Company's application previously discussed with you in which administrative approval is sought to drill a disposal well (No. 2-27B5) and dispose of salt water produced from wells in the greater Altamont-Bluebell Areas. The application is filed pursuant to Rule C-11.

As stated in paragraph 5 of the application, Applicant is the only lessee of record within one-half mile of the proposed disposal well. Accordingly, Applicant's certification of notice given to other lessees required by Rule C-11 is inapplicable in this instance.

Yours very truly,

A handwritten signature in cursive script, appearing to read 'D. F. Gallion', is written over the typed name.

D. F. Gallion  
Attorney

DFG:EG

Enclosures

September 26, 1974

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

Re: Well No. L.D.S. Church 2-27B5  
Sec. 27, T. 2 S, R. 5 W, USM  
Duchesne County, Utah

Gentlemen:

Please be advised that administrative approval under Rule C-11, General Rules and Regulations and Rules of Practice and Procedure, is hereby granted for the drilling of the above referred to water disposal well.

Said approval is, however, conditional upon adhering to the provisions of the Order issued in Cause No. 139-9, outlined as follows:

1. Applicant will take two samples of formation water by production swab tests, one from the subsurface interval 2,300' to 2,600'; and the other to be taken below 2600' over an interval selected by Applicant.
2. Applicant will notify this office prior to taking such samples in order that a member of our staff may be present to witness such tests, and take independent samples.
3. Applicant will provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures.

Should you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

CLEON B. FEIGHT  
DIRECTOR

CALVIN L. RAMPTON  
Governor



OIL & GAS CONSERVATION BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

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

1588 WEST NORTH TEMPLE,  
SALT LAKE CITY, UTAH 84116  
328-5771

September 26, 1974.

GUY N. CARDON  
Chairman  
CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

Re: Well No. L.D.S. Church 2-27B5  
Sec. 27, T. 2 S, R. 5 W, USM  
Duchesne County, Utah

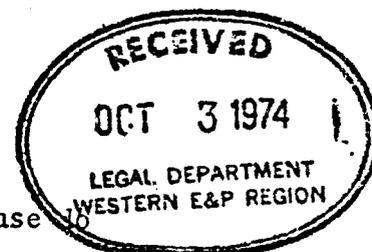
Gentlemen:

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Said approval is, however, conditional upon adhering to the provisions of the Order issued in Cause No. 139-9, outlined as follows:

1. Applicant will take two samples of formation water by production swab tests, one from the subsurface interval 2,300' to 2,600'; and the other to be taken below 2600' over an interval selected by Applicant.
2. Applicant will notify this office prior to taking such samples in order that a member of our staff may be present to witness such tests, and take independent samples.
3. Applicant will provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures.

Should you have any questions relative to the above, please not hesitate to call or write.



Very truly yours,

*Cleon B. Feight*  
CLEON B. FEIGHT  
DIRECTOR

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
DEPARTMENT OF NATURAL RESOURCES  
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF SHELL )  
OIL COMPANY FOR ADMINISTRATIVE APPROVAL, )  
PURSUANT TO RULE C-11, AUTHORIZING THE )  
DRILLING OF AN INJECTION WELL AND THE )  
UNDERGROUND DISPOSAL OF WATER PRODUCED )  
WITH OIL FROM WELLS IN THE GREATER )  
ALTAMONT-BLUEBELL AREAS, DUCHESNE AND )  
UINTAH COUNTIES, UTAH )

APPLICATION

Applicant, SHELL OIL COMPANY, in support of this application, respectfully shows to the Board of Oil and Gas Conservation of the State of Utah, as follows:

1. Applicant is a Delaware corporation duly authorized to trans-act business in the State of Utah.
2. Applicant is an oil and gas operator in the greater Altamont-Bluebell areas, Duchesne and Uintah Counties, Utah.
3. There are many producing oil and gas wells in the greater Altamont-Bluebell areas and surrounding area which are producing in associa-tion with oil and gas, salt water, brackish water or other water unfit for domestic, livestock, irrigation or other general uses. Unless appropriate disposal is provided possible damage may occur to surface estates and potable surface waters.
4. Applicant proposes to dispose of such produced water by injec-tion underground into the lower portion of the Duchesne River-Uinta formations underlying the proposed disposal well.
5. Applicant proposes to drill a salt water disposal well to be designated Well No. 2-27B5 and located 551 feet from the south line and 2556 feet from the east line of Section 27, Township 2 South, Range 5 West, U.S.B. & M., Duchesne County, Utah. The location of the proposed disposal well and all oil and gas wells, including abandoned and drilling wells and dry holes within the greater Altamont-Bluebell areas are shown and designated on Exhibit "A" attached hereto and by this reference made a part hereof. Also attached hereto and made a part hereof are Exhibits "A-1" and "A-2" showing and

depicting, respectively, the detailed location of the proposed disposal Well No. 2-27B5 to be drilled. Applicant is the only lessee of record within one-half mile of the proposed disposal well.

6. The Duchesne River-Uinta formations are predominantly clastic rocks including numerous sandstone containing waters and brines. Based primarily upon logs of the Shell-Murdock No. 1-26B5 well, Applicant believes the Duchesne River-Uinta formations occur from the surface to a depth of approximately 3400 feet at the proposed well location.

7. Attached hereto and hereby made a part hereof as Exhibit "B" is a reproduction of the pertinent portion of the log of the Shell-Murdock No. 1-26B5 well which is submitted as typical and in lieu of a log of the proposed disposal well to be drilled. Also attached hereto and hereby made a part hereof as Exhibit "B-1" is a reproduction of the pertinent portion of the log of the nearby Shell-Murdock No. 1-34B5 well.

8. Attached hereto and hereby made a part hereof as Exhibit "C" is a prognosis of Well No. 2-27B5 to be drilled which describes and depicts the proposed casing and cementing program for such well. Applicant proposes to pressure test casing prior to injection and precautions will be taken to protect oil, gas and fresh water resources.

9. Water to be disposed of is that which is produced with oil from the Green River-Wasatch formations beneath oil and gas wells in the greater Altamont-Bluebell areas. Injection is proposed through said Well No. 2-27B5 at subsurface intervals ranging approximately from 2,300 feet to 3,400 feet, at an estimated minimum amount of 200 barrels of water per day increasing to an estimated maximum amount of 5,000 barrels per day due to additional wells and normal water cut increase. Applicant believes the Duchesne River-Uinta formations will adequately take and receive the estimated maximum volumes of produced water.

10. Applicant applied for and received approvals for water disposal wells No. 1-27A4 located in the southwest quarter of Section 27, Township 1 South, Range 4 West, approximately eight miles northeast of the proposed disposal well, and No. 2-4B3 located in the southwest quarter of Section 4, Township 2 South, Range 3 West, approximately 12 miles east-northeast of the proposed disposal well. Based upon analyses made by Applicant and the Division

1314  
1180

of formation water taken from Well No. 1-27A4 at the equivalent stratigraphic intervals proposed herein, Applicant believes that produced water to be disposed of and formation water in the Duchesne River-Uinta formations at the proposed injection intervals are both unfit for domestic, livestock, irrigation or other general uses. However, as in the case of Well No. 1-27A4, Applicant will take two samples of formation water by production swab tests, one from the subsurface interval from 2,300 to 2,600 feet and the other test will be taken below 2,600 feet over an interval to be selected by Applicant. Applicant will notify the Director, Division of Oil and Gas Conservation, prior to taking such samples and conducting such tests in order that the Director or his staff may witness the tests and take independent samples.

11. Applicant proposes to provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures, and such information will be recorded or logged.

WHEREFORE, Applicant respectfully requests that the Board of Oil and Gas Conservation, pursuant to Rule C-11, approve administratively the drilling of the disposal well and the underground disposal of water produced with oil all as more fully set forth herein.

Dated this 20th day of September, 1974.

Respectfully submitted,

SHELL OIL COMPANY

By

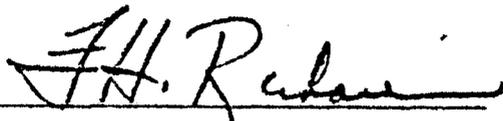


F. H. Richardson  
Division Production Manager  
Western Division  
P. O. Box 576  
Houston, Texas 77001

STATE OF TEXAS

COUNTY OF HARRIS

F. H. Richardson, being first duly sworn on oath, deposes and says that he is Division Production Manager for the Western Division of Shell Oil Company; that he has read the foregoing application and knows the contents thereof; and that the matters and things therein stated are true.



Subscribed and sworn to before me this 20th day of September, 1974.

My Commission Expires:

June 1, 1975





James F. Smith

WATER ANALYSIS REPORT

(801) 722-2532

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_ DATE \_\_\_\_\_  
SOURCE 1.27 B5 DATE SAMPLED 3/83 ANALYSIS NO. \_\_\_\_\_

Analysis

Mg/L

\*Meq/L

1. PH 8.5

2. H<sub>2</sub>S (Qualitative) \_\_\_\_\_

3. Specific Gravity 1.004

4. Dissolved Solids \_\_\_\_\_

5. Suspended Solids \_\_\_\_\_

6. Phenolphthalein Alkalinity (CaCO<sub>3</sub>) 125

7. Methyl Orange Alkalinity (CaCO<sub>3</sub>) 1850

8. Bicarbonate (HCO<sub>3</sub>) \_\_\_\_\_

HCO<sub>3</sub> 2257 ÷ 61 = 37.00 HCO<sub>3</sub> <sup>14</sup>

9. Chlorides (Cl) \_\_\_\_\_

Cl 2831 - 35.5 = 79.75 Cl <sup>13</sup>

10. Sulfates (SO<sub>4</sub>) \_\_\_\_\_

SO<sub>4</sub> 103 ÷ 48 = 2.16 SO<sub>4</sub>

11. Calcium (Ca) \_\_\_\_\_

Ca 449 + 20 = 22.45 Ca

12. Magnesium (Mg) \_\_\_\_\_

Mg 9.11 + 12.2 = 8.75 Mg

13. Total Hardness (CaCO<sub>3</sub>) \_\_\_\_\_

1140

14. Total Iron (Fe) \_\_\_\_\_

1.2

15. Barium (Qualitative) \_\_\_\_\_

16. Conductivity ( \_\_\_\_\_

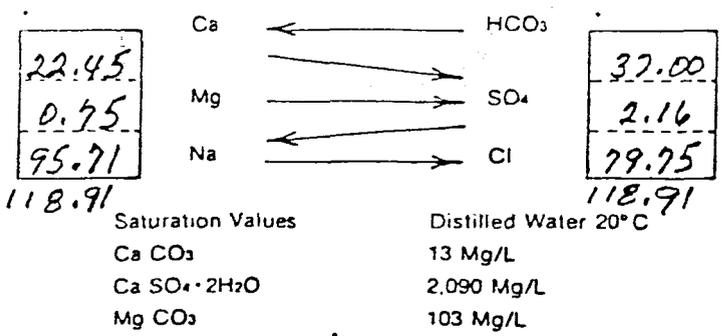
mmhos 13400

ppm 106798

\*Milli equivalents per liter

.075 RMC 23° C

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt. X	Meq/L	= Mg/L
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>22.45</u>	<u>1819.35</u>
Ca SO <sub>4</sub>	68.07	<u>0</u>	<u>0</u>
Ca Cl <sub>2</sub>	55.50	<u>0</u>	<u>0</u>
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>0.75</u>	<u>54.88</u>
Mg SO <sub>4</sub>	60.19	<u>0</u>	<u>0</u>
Mg Cl <sub>2</sub>	47.62	<u>0</u>	<u>0</u>
Na HCO <sub>3</sub>	84.00	<u>13.80</u>	<u>1159.20</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>2.16</u>	<u>153.42</u>
Na Cl	58.46	<u>79.75</u>	<u>4662.19</u>

Remarks: Na = 1492 mg/L

H<sub>2</sub>S = 5.5 ppm

Thank you for the business:



PO BOX 1188 - TRODSEVEL - UTAH 84066

James F. Smith

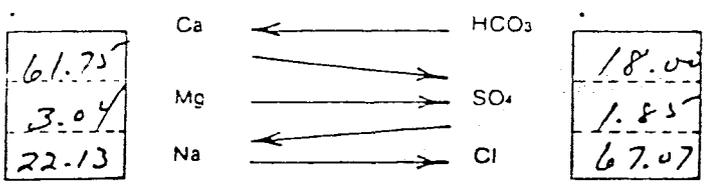
WATER ANALYSIS REPORT

(801) 722-2532

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_ DATE \_\_\_\_\_  
SOURCE 1-34 A 3 DATESAMPLED 3/83 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/L	*Meq/L
1. PH	<u>8.50</u>	
2. H <sub>2</sub> S (Qualitative)		
3. Specific Gravity	<u>1.000</u>	
4. Dissolved Solids	<u>5348.58</u>	
5. Suspended Solids		
6. Phenolphthalein Alkalinity (CaCO <sub>3</sub> )	<u>50</u>	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	<u>900</u>	
8. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> <u>1098</u>	+ 61 <u>18.00</u> HCO <sub>3</sub>
9. Chlorides (Cl)	Cl <u>2381</u>	- 35.5 <u>67.07</u> Cl
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> <u>89</u>	- 48 <u>1.85</u> SO <sub>4</sub>
11. Calcium (Ca)	Ca <u>1235</u>	+ 20 <u>61.75</u> Ca
12. Magnesium (Mg)	Mg <u>37.06</u>	+ 12.2 <u>3.04</u> Mg
13. Total Hardness (CaCO <sub>3</sub> )	<u>3240</u>	
14. Total Iron (Fe)	<u>1.7</u>	
15. Barium (Qualitative)		
16. Conductivity (mmHos)	<u>8800</u>	ppm <u>70136</u>
*Milli equivalents per liter	<u>114</u> RMC <u>23</u>	

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/L
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/L
Mg CO <sub>3</sub>	103 Mg/L

Compound	Equiv. Wt. X	Meq/L	Mg/L
Ca (HCO <sub>3</sub> ) <sub>2</sub>	61.04	<u>18.00</u>	<u>1458.7</u>
Ca SO <sub>4</sub>	68.07	<u>1.85</u>	<u>125.93</u>
Ca Cl <sub>2</sub>	55.50	<u>41.90</u>	<u>2325.4</u>
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>0</u>	<u>0</u>
Mg SO <sub>4</sub>	60.19	<u>0</u>	<u>0</u>
Mg Cl <sub>2</sub>	47.62	<u>3.04</u>	<u>144.76</u>
Na HCO <sub>3</sub>	84.00	<u>0</u>	<u>0</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>0</u>	<u>0</u>
Na Cl	58.46	<u>22.13</u>	<u>1293.72</u>

Remarks: NA = 345 mg/L  
H<sub>2</sub>S = 0

Thank you for the business:



PO BOX 9488 - ROOSEVELT, UTAH 84066

James F. Smith

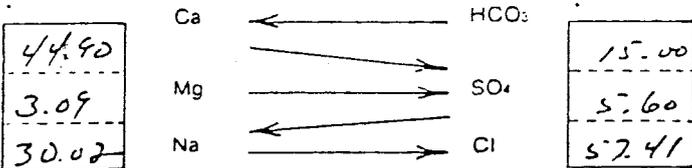
WATER ANALYSIS REPORT

(801) 722-2532

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_ DATE: \_\_\_\_\_  
SOURCE 1-34 A4 DATE SAMPLED 3/83 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/L	*Meq/L
1. PH	<u>8.10</u>	
2. H <sub>2</sub> S (Qualitative)		
3. Specific Gravity	<u>1.007</u>	
4. Dissolved Solids	<u>4847.56</u>	
5. Suspended Solids		
6. Phenolphthalein Alkalinity (CaCO <sub>3</sub> )	<u>0</u>	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	<u>750</u>	
8. Bicarbonate (HCO <sub>3</sub> )	<u>915</u>	+ 61 <u>15.00</u> HCO <sub>3</sub>
9. Chlorides (Cl)	<u>2038</u>	- 35.5 <u>57.41</u> Cl
10. Sulfates (SO <sub>4</sub> )	<u>269</u>	- 48 <u>5.60</u> SO <sub>4</sub>
11. Calcium (Ca)	<u>898</u>	+ 20 <u>44.90</u> Ca
12. Magnesium (Mg)	<u>37.67</u>	+ 12.2 <u>3.09</u> Mg
13. Total Hardness (CaCO <sub>3</sub> )	<u>2400</u>	
14. Total Iron (Fe)	<u>.50</u>	
15. Barium (Qualitative)		
16. Conductivity	mmHos <u>11500</u>	ppm <u>9165.5</u>
*Milli equivalents per liter	<u>.087</u> RWC <u>23</u> C	

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/L
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2.090 Mg/L
Mg CO <sub>3</sub>	103 Mg/L

Compound	Equiv. Wt. X	Meq/L	= Mg/L
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>15.00</u>	<u>1215.60</u>
Ca SO <sub>4</sub>	68.07	<u>5.60</u>	<u>381.19</u>
Ca Cl <sub>2</sub>	55.50	<u>24.50</u>	<u>1348.65</u>
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>0</u>	<u>0</u>
Mg SO <sub>4</sub>	60.19	<u>0</u>	<u>0</u>
Mg Cl <sub>2</sub>	47.62	<u>3.09</u>	<u>147.15</u>
Na HCO <sub>3</sub>	84.00	<u>0</u>	<u>0</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>0</u>	<u>0</u>
Na Cl	58.46	<u>30.02</u>	<u>1754.9</u>

Remarks: NA = 468.01 mg/L  
H<sub>2</sub>S = 1.0 ppm

Thank you for the business.



James F. Smith

WATER ANALYSIS REPORT

(801) 722-2532

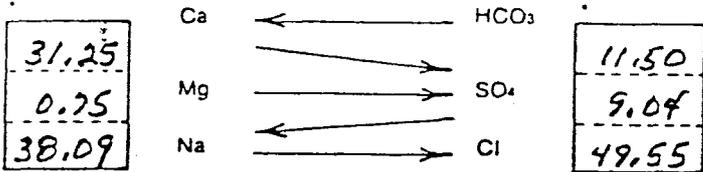
COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_ DATE: \_\_\_\_\_  
SOURCE 1-10 B5 DATE SAMPLED 3/83 ANALYSIS NO. \_\_\_\_\_

Analysis

- 1. PH 8.4
- 2. H<sub>2</sub>S (Qualitative) \_\_\_\_\_
- 3. Specific Gravity 1.001
- 4. Dissolved Solids 4404.18
- 5. Suspended Solids \_\_\_\_\_
- 6. Phenolphthalein Alkalinity (CaCO<sub>3</sub>) 25
- 7. Methyl Orange Alkalinity (CaCO<sub>3</sub>) 575
- 8. Bicarbonate (HCO<sub>3</sub>) \_\_\_\_\_
- 9. Chlorides (Cl) \_\_\_\_\_
- 10. Sulfates (SO<sub>4</sub>) \_\_\_\_\_
- 11. Calcium (Ca) \_\_\_\_\_
- 12. Magnesium (Mg) \_\_\_\_\_
- 13. Total Hardness (CaCO<sub>3</sub>) 1400
- 14. Total Iron (Fe) 0.7
- 15. Barium (Qualitative) \_\_\_\_\_
- 16. Conductivity ( \_\_\_\_\_ )  
\*Milli equivalents per liter

	Mg/L		*Meq/L	
HCO <sub>3</sub>	<u>701.5</u>	+ 61	<u>11.50</u>	HCO <sub>3</sub>
Cl	<u>1759</u>	+ 35.5	<u>49.55</u>	Cl <del>28.</del>
SO <sub>4</sub>	<u>434</u>	+ 48	<u>9.04</u>	SO <sub>4</sub> <del>38.</del>
Ca	<u>625</u>	+ 20	<u>31.25</u>	Ca <del>19</del>
Mg	<u>9.11</u>	+ 12.2	<u>0.75</u>	Mg <del>10</del>
mmhos <u>11700</u> ppm <u>93249</u>				
*0.086 RMC <u>23°</u> C				

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/L
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2.090 Mg/L
Mg CO <sub>3</sub>	103 Mg/L

Remarks: Na = 593.82 mg/L

H<sub>2</sub>S = 1.5 ppm

Compound	Equiv. Wt. X	Meq/L	=	Mg/L
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>11.50</u>		<u>931.96</u>
Ca SO <sub>4</sub>	68.07	<u>9.04</u>		<u>615.35</u>
Ca Cl <sub>2</sub>	55.50	<u>10.71</u>		<u>594.41</u>
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>0</u>		<u>0</u>
Mg SO <sub>4</sub>	60.19	<u>0</u>		<u>0</u>
Mg Cl <sub>2</sub>	47.62	<u>0.75</u>		<u>35.72</u>
Na HCO <sub>3</sub>	84.00	<u>0</u>		<u>0</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>0</u>		<u>0</u>
Na Cl	58.46	<u>38.09</u>		<u>2226.74</u>

Thank you for the business:

(A)

75 085

PARTIAL

PLEASE NOTE: Sample cannot be analysed until all blanks are filled in (Slip must accompany sample)

STATE OF UTAH  
DEPARTMENT OF SOCIAL SERVICES  
DIVISION OF HEALTH  
44 MEDICAL DRIVE  
SALT LAKE CITY, UTAH 84113

DO NOT WRITE HERE  
Sample Received on \_\_\_\_\_  
Analysis Authorization \_\_\_\_\_

WATER SAMPLE FOR CHEMICAL ANALYSIS   
WATER SAMPLE FOR RADIOLOGIC ANALYSIS

SAMPLE COLLECTED FROM: (check one)

Stream  Spring  Well   
City or Town water distribution system   
Other  (describe) WASTE WATER INJECTION WELL

EXACT DESCRIPTION OF SAMPLING POINT: (see note on reverse side) WELL NO.

2-2785 Sec 27, T2S, R5W (USM) DUCHESNE CO.

STATE ENGINEER'S APPLICATION OR CLAIM NO. FROM PERFORATIONS AT 2817 TO 2860 LEVEL.

SUPPLY OWNED BY: \_\_\_\_\_

PRESENT USE OF SUPPLY: \_\_\_\_\_

PROPOSED USE OF SUPPLY: \_\_\_\_\_

SAMPLE COLLECTED BY: CLEON FEIGHT, OIL & GAS DIV. DATE: \_\_\_\_\_

REPORT RESULTS TO: R. HINSHAW PHONE: \_\_\_\_\_

Address: BLDG 72

DO NOT WRITE BELOW DOUBLE LINE

RESULTS OF ANALYSIS

Turbidity	J.T.U.	Iron (total) as Fe	mg/l
Conductivity	micromhos/cm	Iron in filtered sample as Fe	mg/l
pH	<u>7.70</u>	Lead as Pb	mg/l
Total Dissolved Solids	<u>18340</u>	Magnesium as Mg	mg/l
Alkalinity (total) as CaCO <sub>3</sub>	<u>2190</u> mg/l	Manganese as Mn	mg/l
Aluminum as Al	_____ mg/l	Mercury as Hg	mg/l
Arsenic as As	_____ mg/l	Nitrate as N	mg/l
Barium as Ba	_____ mg/l	Nitrite as N	mg/l
Bicarbonate as HCO <sub>3</sub>	<u>3500</u> mg/l	Phosphate as PO <sub>4</sub>	mg/l
Boron as B	_____ mg/l	Phenols as Phenol	mg/l
Cadmium as Cd	_____ mg/l	Potassium as K	mg/l
Calcium as Ca	_____ mg/l	Selenium as Se	mg/l
Carbonate as CO <sub>3</sub>	_____ mg/l	Silica as SiO <sub>2</sub>	mg/l
Chloride as Cl	<u>2725</u> mg/l	Silver as Ag	mg/l
Chromium (hexavalent) as Cr	_____ mg/l	Sodium as Na	<u>7885</u> mg/l
Copper as Cu	_____ mg/l	Sulfate as SO <sub>4</sub>	<u>220</u> mg/l
Cyanide as CN	_____ mg/l	Surfactant as MBAS	mg/l
Fluoride as F	_____ mg/l	Zinc as Zn	<u>0.04</u> mg/l
Hardness (total) as CaCO <sub>3</sub>	<u>10</u> mg/l	Total Alpha	pci/l
Hydroxide as OH	_____ mg/l	Total beta	pci/l
Ammonia N as NH <sub>3</sub>	_____ mg/l	Tritium	nci/l
		Nickel, Ni.	mg/l

partial

STATE OF UTAH, DEPT. OF SOCIAL SERVICES  
DIV. OF HEALTH, 44 Medical Dr.  
S.L.C., Utah 84113

Laboratory No. \_\_\_\_\_  
Date Received JAN. 7 6 1975  
Anal. Authorized by \_\_\_\_\_

IDENTIFICATION OF WATER SAMPLE FOR:  CHEMICAL,  RADIOLOGICAL ANALYSIS  
Name of water sampled and exact description of sample point: \_\_\_\_\_

State Eng. Appln. No. \_\_\_\_\_ Supply owned by \_\_\_\_\_  
Present use of supply \_\_\_\_\_ Proposed use of supply \_\_\_\_\_  
Sample collected by: \_\_\_\_\_ Date \_\_\_\_\_  
Report results to:  
Name \_\_\_\_\_  
Address \_\_\_\_\_ Phone \_\_\_\_\_

LABORATORY BENCH DATA				COMPUTER CODED DATA			
Station Designation	Date of Sample			Station Code Serial	YR. MO. DAY		
	YR.	MO.	DAY		13 - 18	(Blank)	
Time Sample was taken	Parameter Code	Value	Exponent	Remarks			
<b>CATIONS</b>				<b>NOTE: CODE ONLY ENCLOSED VALUES</b>			
me/l	mg/l	ug/l					
Aluminum, Dissolved				0 1 1 0 6			
Ammonia N as NH <sub>4</sub> <sup>+</sup>				19 - 23	24 - 27	28 29	30
Arsenic, Dissolved	0.04	40		7 1 8 4 5			
Barium, Dissolved	0.0	0		31 - 35	36 - 39	40 41	42 80
Boron, Dissolved				0 1 0 0 0			
				43 - 47	48 - 51	52 53	54 L
				0 1 0 0 5			A
				55 - 59	60 - 63	64 65	66 N
				0 1 0 2 0			K
				67 - 71	72 - 75	76 77	78 79
				NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Cadmium, Dissolved	0.110	110		0 1 0 2 5			
0.15 Calcium, Dissolved	3			19 - 23	24 - 27	28 29	30
Chromium, Diss. as Cr				0 0 9 1 5			
Chromium, Hex. as Cr.				31 - 35	36 - 39	40 41	42 80
Copper, Dissolved	0.04	40		0 1 0 3 0			
				43 - 47	48 - 51	52 53	54 L
				0 1 0 3 2			A
				55 - 59	60 - 63	64 65	66 N
				0 1 0 4 0			K
				67 - 71	72 - 75	76 77	78 79
				NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Iron, Dissolved	0.26	26		0 1 0 4 6			
Lead, Dissolved	0.230	230		19 - 23	24 - 27	28 29	30
Molybdenum, Dissolved				0 1 0 4 9			
0.05 Magnesium, Dissolved	1			31 - 35	36 - 39	40 41	42 80
Manganese, Dissolved	0.02	20		0 1 0 6 0			
				43 - 47	48 - 51	52 53	54 L
				0 0 9 2 5			A
				55 - 59	60 - 63	64 65	66 N
				0 1 0 5 6			K
				67 - 71	72 - 75	76 77	78 79
				NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Mercury, Sus. and Diss.				7 1 9 0 0			
Nickel, Dissolved	0.300	300		19 - 23	24 - 27	28 29	30
2.80 Potassium, Dissolved	110			0 1 0 6 5			
Selenium, Dissolved				31 - 35	36 - 39	40 41	42 80
Silver, Dissolved	0.637	37		0 0 9 3 5			
				43 - 47	48 - 51	52 53	54 I
				0 1 1 4 5			A
				55 - 59	60 - 63	64 65	66 N
				0 1 0 7 5			K
				67 - 71	72 - 75	76 77	78 79
				NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
305 Sodium, Dissolved	7000			0 0 9 3 0			
Strontium, Dissolved				19 - 23	24 - 27	28 29	30
Tin, Dissolved				0 1 0 8 0			
Zinc, Dissolved	0.04	40		31 - 35	36 - 39	40 41	42 80
				0 1 1 0 0			
				43 - 47	48 - 51	52 53	54 L
				0 1 0 9 0			A
				55 - 59	60 - 63	64 65	66 67 K

LABORATORY BENCH DATA

COMPUTER CODED DATA

Laboratory No. 0085

Station Designation  Date of Sample YR. MO. DAY

Station Code Serial  YR. MO. DAY    13 - 18 (Blank)    1 - 6 7 - 12

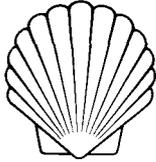
Time Sample was taken

Parameter Code Value Exponent Remarks

	mg/l	ug/l
Silica, Dissolved as SiO <sub>2</sub>	<span style="border: 1px solid black; padding: 2px;">16</span>	
Tot. Alkalinity as CaCO <sub>3</sub>	<span style="border: 1px solid black; padding: 2px;">7790</span>	
Chlorine, Total Residual	<span style="border: 1px solid black; padding: 2px;"></span>	
0.20 Tot. Hardness as CaCO <sub>3</sub>	<span style="border: 1px solid black; padding: 2px;">10</span>	
Total Iron, Sus. and Diss.	<span style="border: 1px solid black; padding: 2px;">0.26</span>	<span style="border: 1px solid black; padding: 2px;">260</span>
Turbidity as JTU	<span style="border: 1px solid black; padding: 2px;"></span>	
me/l ANIONS		
Bicarbonate as HCO <sub>3</sub> <sup>-</sup>	<span style="border: 1px solid black; padding: 2px;">3500</span>	
Carbon Dioxide as CO <sub>2</sub>	<span style="border: 1px solid black; padding: 2px;">0</span>	
Carbonate as CO <sub>3</sub> <sup>-</sup>	<span style="border: 1px solid black; padding: 2px;">2951</span>	
Specific Cond. at 25°C	<span style="border: 1px solid black; padding: 2px;">26,400</span>	uMhos/cm
<span style="border: 1px solid black; padding: 2px;">163</span> Chloride, Dissolved	<span style="border: 1px solid black; padding: 2px;">5775</span>	
<span style="border: 1px solid black; padding: 2px;">155.8</span> Carbonate Alk. as CO <sub>3</sub>	<span style="border: 1px solid black; padding: 2px;">4674</span>	
Fluoride as F (dissolved)	<span style="border: 1px solid black; padding: 2px;"></span>	
Hydroxide as OH <sup>-</sup>	<span style="border: 1px solid black; padding: 2px;">0</span>	
Iodide as I (dissolved)	<span style="border: 1px solid black; padding: 2px;"></span>	
<span style="border: 1px solid black; padding: 2px;"></span> Nitrate as N	<span style="border: 1px solid black; padding: 2px;">-</span>	
<span style="border: 1px solid black; padding: 2px;"></span> Nitrite as N	<span style="border: 1px solid black; padding: 2px;"></span>	
Phosphorus, Ortho as P	<span style="border: 1px solid black; padding: 2px;"></span>	
<span style="border: 1px solid black; padding: 2px;"></span> Sulfate as SO <sub>4</sub> <sup>--</sup>	<span style="border: 1px solid black; padding: 2px;">220</span>	
Surfactant as MBAS	<span style="border: 1px solid black; padding: 2px;"></span>	
319 CCE	<span style="border: 1px solid black; padding: 2px;"></span>	<span style="border: 1px solid black; padding: 2px;"></span>
Cyanide	<span style="border: 1px solid black; padding: 2px;"></span>	
COD, Total	<span style="border: 1px solid black; padding: 2px;"></span>	
Kjeldahl - N (Total)	<span style="border: 1px solid black; padding: 2px;"></span>	
Oil - Grease	<span style="border: 1px solid black; padding: 2px;"></span>	
pH	<span style="border: 1px solid black; padding: 2px;">9.70</span>	--
Phenolics	<span style="border: 1px solid black; padding: 2px;"></span>	<span style="border: 1px solid black; padding: 2px;"></span>
Phosphate, Total as PO <sub>4</sub>	<span style="border: 1px solid black; padding: 2px;"></span>	
Phosphorus, Tot. Organic	<span style="border: 1px solid black; padding: 2px;"></span>	
Solids, Dis.(DET. @ 180°C) (TDS)	<span style="border: 1px solid black; padding: 2px;">18340</span>	<span style="border: 1px solid black; padding: 2px;">17,800</span>
Solids, Sus. (TSS)	<span style="border: 1px solid black; padding: 2px;"></span>	
Solids, Tot.	<span style="border: 1px solid black; padding: 2px;"></span>	
Solids, Vol.	<span style="border: 1px solid black; padding: 2px;"></span>	
Alpha, Tot.	<span style="border: 1px solid black; padding: 2px;"></span>	pc/l
Beta, Tot.	<span style="border: 1px solid black; padding: 2px;"></span>	pc/l
Chemist <u>RE Boon</u>		

<span style="border: 1px solid black; padding: 2px;">00955</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	
<span style="border: 1px solid black; padding: 2px;">00410</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">50060</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">00900</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">01045</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
<span style="border: 1px solid black; padding: 2px;">00070</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	N
<span style="border: 1px solid black; padding: 2px;">00440</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">00405</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">00445</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">00095</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
<span style="border: 1px solid black; padding: 2px;">00940</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	N
<span style="border: 1px solid black; padding: 2px;"></span>	<span style="border: 1px solid black; padding: 2px;"></span>	<span style="border: 1px solid black; padding: 2px;"></span>	<span style="border: 1px solid black; padding: 2px;"></span>	<span style="border: 1px solid black; padding: 2px;"></span>
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">00950</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">71830</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">71865</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
<span style="border: 1px solid black; padding: 2px;">00620</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	N
<span style="border: 1px solid black; padding: 2px;">00615</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">00671</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">00945</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">38260</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
<span style="border: 1px solid black; padding: 2px;">32005</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	N
<span style="border: 1px solid black; padding: 2px;">00720</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">00335</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">00625</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">00550</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
<span style="border: 1px solid black; padding: 2px;">00400</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	N
<span style="border: 1px solid black; padding: 2px;">32730</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">00650</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">00670</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">70300</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				
<span style="border: 1px solid black; padding: 2px;">00530</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
19 - 23	24 - 27	28 29	30	N
<span style="border: 1px solid black; padding: 2px;">00500</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
31 - 35	36 - 39	40 41	42	80
<span style="border: 1px solid black; padding: 2px;">00505</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
43 - 47	48 - 51	52 53	54	B
<span style="border: 1px solid black; padding: 2px;">01501</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
55 - 59	60 - 63	64 65	66	L
<span style="border: 1px solid black; padding: 2px;">03501</span>	<span style="border: 1px solid black; padding: 2px;"></span>			
67 - 71	72 - 75	76 77	78 79	A
NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE				

Date MAR-4-1975



# SHELL OIL COMPANY

P.O. BOX 831  
HOUSTON, TEXAS 77001

December 4, 1974

Subject: Shell L.D.S. Church 2-27B5 (SWD)  
Section 27, T2S, R5W, USM  
Duchesne County, Utah

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

Attention: Mr. Cleon B. Feight

Gentlemen:

By your memorandum dated September 26, 1974 we were granted administrative approval under Rule C-11, General Rules and Regulations and Rules of Practice and Procedure, to drill the subject well for the purpose of salt water disposal in Altamont Field.

In our original application, we estimated the top of the injection interval at 2300 feet, based on log control from Murdock 1-26B5 located approximately one mile Northeast of 2-27B5 (SWD).

The subject well has been drilled and log analysis indicates the top of the disposal zone occurs at 2090 feet rather than at the aforementioned depth of 2300 feet. We request administrative acceptance of this slight change in our completion interval. We will, of course, obtain two samples of formation water by production swab tests, one from 2090 - 2400 feet and the other below 2400 feet. The top of the proposed injection interval is shown on the enclosed log taken on the subject well.

We shall appreciate your early approval of this amendment to our original application.

Yours very truly,

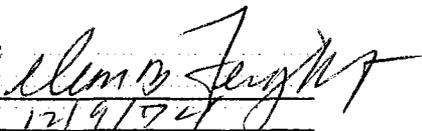


F. M. Richardson  
Division Production Manager  
Western Division

JAH:jw

APPROVED:

By  
Date



12/9/74

(PLEASE ADVISE THIS OFFICE AS TO WHEN THE ABOVE SAMPLES WILL BE TAKEN IN ORDER THAT A MEMBER OF OUR STAFF MAY WITNESS THE OPERATION)

Schlumberger

**DUAL INDUCTION-LATEROLOG**  
WITH LINEAR CORRELATION LOG

COMPANY SHELL OIL CO.

WELL ADS CHURCH 2-27-85

FIELD ALTAMONT

COUNTY DUCHESE STATE UTAH

Location: API Serial No.  
551 FJL 2556 FEL

Other Services  
BHC-GR

Permanent Datum: GL Elev 5860  
Log Measured From: KB 25 Ft. Above Perm Datum  
Drilling Measured From: KB

Elev. KB 5866  
D.F.  
G.I. 5860

Date 11-12-74  
Run No. 1  
Depth-Driller 4200  
Depth-Logger 4199  
Ben. Log Interval 4193  
Top Log Interval 305  
Casing-Driller 925 @ 305  
Casing-Logger 305  
Bit Size 8 1/2  
Type Fluid in Hole FGM  
Fluid Level Full  
Dens. 9.0 1.1  
Depth Fluid Lens 9.0 11.6  
Source of Sample Circ  
Per. Mean Temp 232 73  
Per. Mean Temp 206 73  
Source Bit 17 C  
Per. BHT 188 75  
Circ. BHT 5 h  
Mud Pump Temp 75  
Mud Pump Pressure 7127 (control)  
Mud Pump Pressure 140 (high)

**FIELD PRINT**

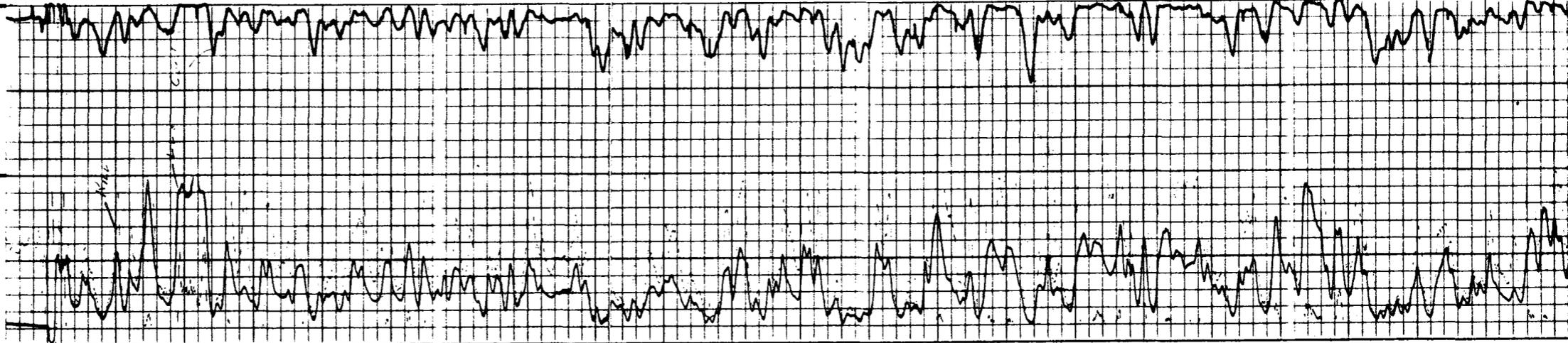
Mud Type	Type Log	Depth	Scale Up Hole	Scale Down Hole	REMARKS
					Service Order No. <u>07071</u>  A coding problem with 160 x 16M made the curves indistinguishable from each other. It was decided not to present ILM on the log. The problem is illustrated in the repeat readings.
					Surface determined sands errors used for off-40 off-40 sands error corrected for borehole signal at 1m off-40 zero set in hole at depth of _____ feet

EQUIPMENT DATA  
 Serial No. DIP DC 310  
 Cart No. DIC B 100  
 Model Panel No. DIC DA 114  
 S.R. Cart No. ILP AC 203  
 S.R. Panel No. \_\_\_\_\_  
 S.R. No. \_\_\_\_\_  
 Serial No. \_\_\_\_\_  
 Date \_\_\_\_\_

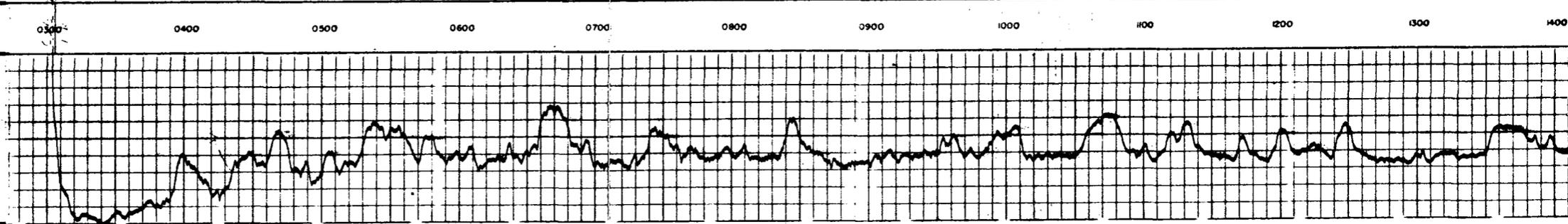
CALIBRATION DATA  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

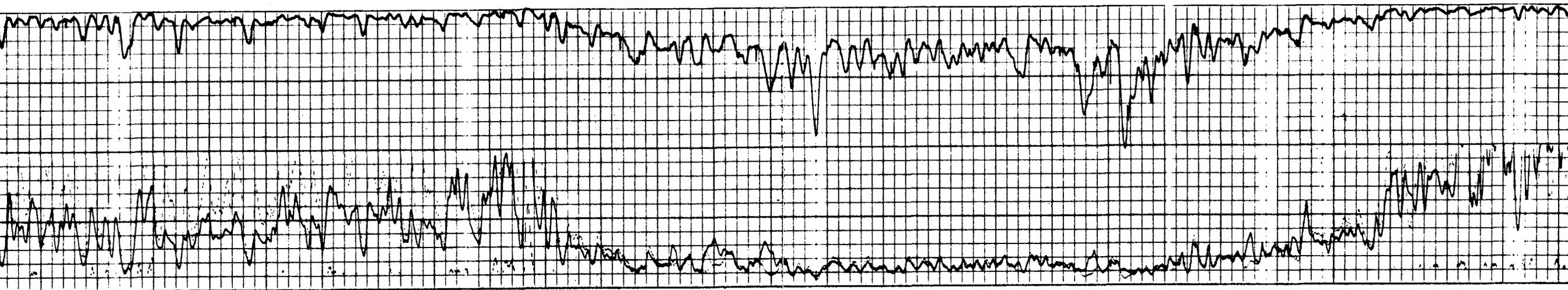
These measurements are also subject to Clause 7 of our General Terms and Conditions on file at our Current Price Schedule.

<b>CONDUCTIVITY</b> MILLIMHO'S M	
DEEP INDUCTION LOG	
RESISTIVITY OHMS M <sup>2</sup> /M	DEEP INDUCTION LOG
AVERAGED LATEROLOG - 8	

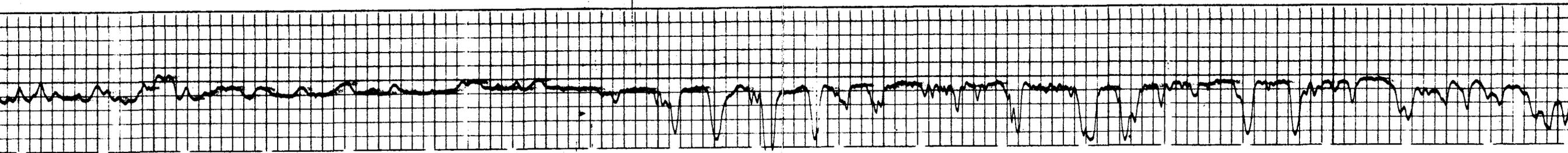


<b>SPONTANEOUS-POTENTIAL</b> MILLIVOLTS	
10 -1000 +	

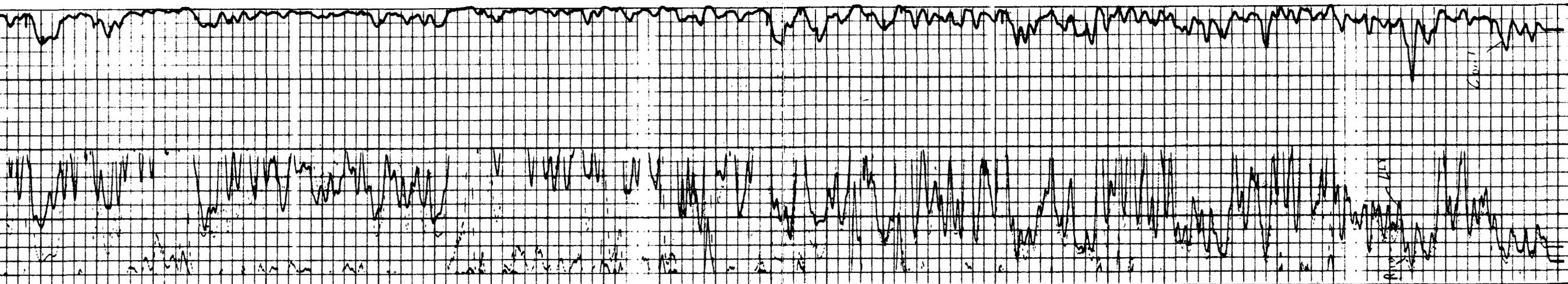




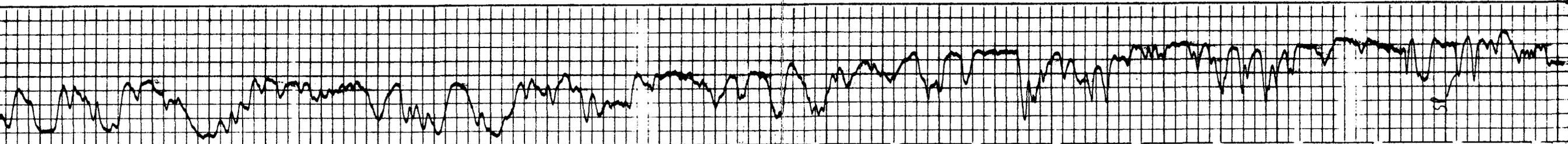
1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800



**TOP OF DISPOSAL  
ZONE 2090'**



2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200



DETAIL LOG

5' 100'

SPONTANEOUS-POTENTIAL  
MILLIVOLTS

DEPTHS

RESISTIVITY  
OHMS M<sup>2</sup> M

10

DEEP INDUCTION LOG

LATEROLOG - 8

DEC 9 1974

14  
2

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

L.D.S. Church

9. WELL NO.

2-27B5 SWD

10. FIELD AND POOL, OR WILDCAT

Altamont

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

SW/4 SE/4 Section 27-T2S-R5W, USB&M

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

19. ELEV. CASINGHEAD

5862

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other SWD Well

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

2. NAME OF OPERATOR  
Shell Oil Company

3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 80202

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

At surface 551' FSL and 2556' FEL, Section 27

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-30340

DATE ISSUED

9/26/74

15. DATE SPUNDED

11/3/74

16. DATE T.D. REACHED

11/12/74

17. DATE COMPL. (Ready to prod.)

1/4/75

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

5887KB, 5860 GL

20. TOTAL DEPTH, MD & TVD

4205

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

4075 (FC)

22. IF MULTIPLE COMPL., HOW MANY\*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

Total

CABLE TOOLS

-

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

2088-2860 (gross interval) Duchesne River-Uinta

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHCS, PDC, 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"	40#	305'	12-1/4"	300 sx	0
7"	23#, 26#, 29#	4,205'	8-3/4"	1080 cu ft	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	2014'	2000'

31. PERFORATION RECORD (Interval, size and number)

2088-2098, 2129-2136, 2312-2317,  
2370-2374, 2377-2383, 2407-2413,  
2416-2419, 2515-2522, 2559-2561,  
2817-2819, 2840-2860  
(1 hole/ft w/Jumbo jets, 72 holes total)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2817-2860	2200 gal 15% HCl
2312-2561	2300 gal 15% HCl
2088-2136	1700 gal 15% HCl

33.\* PRODUCTION

DATE FIRST PRODUCTION Inj 1/4/75  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Injecting into SWD well  
WELL STATUS (Producing or shut-in) Injecting

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/26/75	24	-	→	-	-	3390	-

FLOW-TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
250	-	→	-	-	3390	-

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Well History Report

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

SIGNED T.S. Mize TITLE Division Operations Engr. DATE 1/29/75

SALT WATER DISPOSAL WELL  
SHELL OIL COMPANY

LEASE LDS CHURCH  
DIVISION WESTERN  
COUNTY DUCHESNE  
LOCATION SW/4 SE/4 SECTION 27-T2S-R5W

ALTAMONT  
WELL NO. 2-27B5 SWD  
ELEV 5887 KB, 5860 GL  
STATE UTAH

11/4/74 - 1/28/75

UTAH

ALTAMONT

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'

"FR" 70/6/1/70. Cleaning mud pits.  
Located 551' FSL and 2556' FEL SW/4 SE/4 Section 27-  
T2S-R5W, Duchesne County, Utah  
Shell's Working Interest: 100%  
This well is being drilled to dispose of wtr produced  
from the Altamont field.  
Spudded 12-1/4" hole at 10:30 AM, 11/3/74. Drld to 51'  
and lost returns around cellar. BJ cmtd w/60 sx Class  
"G" w/3% CaCl<sub>2</sub> through 60' of openended DP till returns  
in cellar. WOC 4 hrs and drld to 70' (drlg in gravel  
beds). Plugged pump w/gravel in pits. Will RU shakers  
on suction pits.  
Mud: (.540) 10.4 x 75

NOV 4 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'

105/6/2/35. WOC. Clnd pit and RU shakers. Down 2-1/2  
hrs repairing stand pipe. Tripped for new bit at 95',  
losing circ on other side of cellar. Cut off cond and  
Bradenhead sqzd w/60 sx Class "G" w/3% CaCl<sub>2</sub> and 5 sx  
Calseal until returns in cellar. WOC 1-1/2 hrs.  
Mud: (.468) 9.0 x 53

NOV 5 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
9-5/8" csg @ 305'

306/6/3/201. Nippling up. Dev: 1/4 deg at 306.  
WO plug to seal cellar 4-1/2 hrs. Circ 2 hrs. RU  
csg crew and ran 8 jts 9-5/8" 40# K-55 ST&C csg w/shoe  
at 305'. Cmtd w/300 sx Class "G" w/3% CaCl<sub>2</sub>. CIP at  
10 PM, 11/5/74. Circ out approx 20 bbls cmt. Nippled  
down, welded on head and started nippling up.

NOV 6 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
9-5/8" csg @ 305'

1165/6/4/859. Drilling. Finished nippling up. Ran in  
hole to top of cmt at 250' and tested csg to 1500 psi,  
held OK. Drld cmt and started drlg new hole.  
Mud: Wtr

NOV 7 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
9-5/8" csg @ 305'

2200/6/5/1035. Drilling. Dev: 1-1/2 deg at 1220 and  
2 deg at 1873. Tripped for bits at 1220 and 1873,  
washing 45' to btm at 1873.  
Mud: (.436) 8.4 x 28

NOV 8 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test

11/9: 2559/6/6/459. WO DC's. Lost 400 psi pump press while drlg. Found crack in 18th DC from top. Changed bit and resumed drlg, losing 200 psi. Magnafluxed and laid down 11 DC's and x-over sub w/cracked pins. Dev: 2-1/2 deg at 2559.

Correction to 11/8 report: Depth should have been 2100' instead of 2200', making 935' instead of 1035'.

11/10: 3125/6/7/566. Drilling. Tripped in w/13 DC's and x-over sub, cleaning 45' to btm.

11/11: 3730/6/8/605. Drilling. Pulled 5 stds and worked on pump. Tripped for bit at 3561, washing to btm. NOV 11 1974  
Mud: Wtr

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4200' Duchesne River-  
Uinta Test  
9-5/8" csg @ 305'

4200/6/9/470. Lost Circ. Dev: 2 deg at 3735. Tripped in w/new bit at 3735, CO 70' to btm and working jk sub. Mudded up, losing returns. Press up and well packed off. NOV 12 1974  
Mud: (.457) 8.8 x 38 x 10.6

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4205' Duchesne River-  
Uinta Test  
9-5/8" csg @ 305'

4205/6/10/5 (SLC). Logging. Attempted to displace hole w/mud, losing returns. Pulled 20 stds and swbd until circ w/full returns. Circ out thick mud and shale. Ran to btm and attempted to circ. Pulled 10 stds and attempted to circ. Pulled 10 stds and circ w/full returns. Staged in 5 stds at a time, building vol several times. Lost 500± bbls mud total. Pulled out of hole making 5' SLC: 4200 = 4205. Ran DIL and started running BHCS. NOV 13 1974  
Mud: (.468) 9.0 x 44 x 11.6

Shell-LDS Church  
2-27B5 SWD  
(SWD) Brinkerhoff #56  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

4205/6/11/0. Circ through DV, WOC. Finished logging. Broke circ three times w/full returns and circ btms up. Ran 103 jts 7", 23#, 26# and 29# csg w/shoe at 4205, FC @ 4075 and DV tool at 1642. Circ csg and cmtd w/1080 cu ft Class "G" w/3% gel and 1% D-31. Lost returns while displacing first stage. CIP at 4:05 AM, 11/14/74. Opened DV tool and circ w/good returns - cmt not visible. NOV 14 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). RDRT. Cmtd through DV tool at 1642 w/1400 cu ft BJ Lite followed by 50 sx Class "G". Lost returns while mixing cmt. No cmt to sfc. Picked up BOP, set slips, cut off csg, welded plate NOV 15 1974 over csg stub and nipped down. Released rig at midnight, 11/14/74. (Reports discontinued until further activity.)

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). (RRD 11/15/74). Drilling DV collar. MI&RU Western Oilwell Service rig #17 on 12/4/74. Ran in w/6-1/8" bit and 4 DC's on tbg to DV collar at 1642. RU power swivel. DEC 5 - 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Prep to log. Drilled 20'  
cement, drilled DV collar at 1642. Circ hole clean.  
Picked up tbg and ran to 4036. Drilled 6' cement.  
Hit FC at 4040. Circ hole clean.

DEC 6 - 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC).  
12/7: Testing. RU OWP and ran CBL from sfc to 4060 w/o  
press on csg. Log indicated cmt top below inj zn. Press'd  
csg to 1500 psi. Reran CBL w/no change in cmt top. Ran  
PDC from sfc to 4064. Perf'd 4 holes at 2850 and 4 holes  
at 2418 w/4" csg gun. RD OWP. Ran Baker Model "R" pkr and  
set at 2500'.

12/8: Prep to sqz. Pmpd 4 bbls/min at 400 psi. Circ  
from perfs at 2850 to perfs at 2418. Ran Baker CR to  
2524 and established inj rate - could not circ through  
top perfs. Pmpd 10 min at 3 B/M rate at 750 psi. Mixed  
200 sx Class "G" cmt (40 bbls slurry). Pmpd 100 sx below  
ret. SD and pulled out of ret. Closed in 7" annulus and  
pmpd remaining 100 sx into top perfs at 2418. Flushed w/  
11.5 BW. Flwd back 1.25 bbls from tbg and 2 bbls from 7"  
csg. Pulled tbg tail to 2200' and reversed out 2 bbls cmt.  
Max press 900 psi on top perfs. Job complete at  
12:30 PM. RU OWP and perf'd 4 holes at 1897 w/4"  
csg gun. Ran Baker Model "R" pkr to 2030. Pmpd down  
7" csg for 5 min at 4 B/M at 400 psi w/9-5/8" csg open.  
Did not circ to sfc up 9-5/8". Perf'd 4 holes at 1682  
w/4" csg gun. Ran Baker Model "R" dbl grip pkr to 1500' -  
well started running over. SD and pmpd down tbg.  
Established circ w/9-5/8" csg to sfc. Ran pkr to 1800'  
and set same. Established communication w/9-5/8" to sfc  
from perfs at 1682 and 1897 at 5 B/M at 150 psi. RD OWP.  
12/9: Prep to sqz. Rig SD on Sunday.

DEC 9 - 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Prep to DO. Circ down 7"  
csg and out 9-5/8" csg w/full returns. Circ down  
9-5/8" and up 7" csg w/no returns. Ran Baker CR and  
broke circ down tbg and out 9-5/8" csg at 6 B/M.  
Mixed and pmpd 900 sx BJ Lite cmt (slurry 487 bbls,  
12.4 ppg) down tbg w/full returns and out 9-5/8" csg  
at 6 B/M. Pmpd 60 bbls good slurry to pit. Mixed and  
pmpd 200 sx Class "G" cmt (slurry 40 bbls, 15.9 ppg)  
at 6 B/M until flush started. Had full returns up  
9-5/8" csg. Displaced into tbg w/8.7 BFW at 1/2 B/M.  
Let set 15 min and pmpd 1/2 bbl - press 800 psi. Let  
set 15 min and pmpd 1/2 bbl - press 900 psi. Let set  
20 min and pmpd 1/2 bbl - press 1000 psi, bleeding to  
400 psi. In 20 min, pmpd 1/2 bbl - press 1000 psi.  
Stung out of CR and pulled out. SI. Job complete at  
1:30 PM.

DEC 10 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Drilling. Picked up 6-1/8" bit, six 3-1/2" DC's, six 4-1/2" DC's and ran on tbg to 1506. Drld CR free. CO cmt stringers to 1586 and drld and washed soft cmt to 1667. SD at 4 PM, WOC.

DEC 11 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Running bit. CO soft cmt from 1586-1940. Ran bit to 2270 and drld soft cmt to 2276 when cmt became firm. Press'd csg to 1000 psi, losing 350 psi after one min, losing 500 psi after two min, and losing 900 psi after 18 min. RU BJ and ran tbg to 1902 openended and sptd 55 sx Class "G" cmt across perfs. 1897-1682 (11 bbls slurry, 15.9 ppg). Flushed w/11 BFW. Pulled tbg tail to 1518 and press'd csg to 1000 psi losing 300 psi in 5 min. Press'd to 1000 psi, losing 100 psi in 5 min. Press'd to 1000 psi, losing 75 psi in 5 min. Press'd to 1000 psi, losing 100 psi in 45 min. Bled off press and sqzd 1 bbl cmt slurry away. RD BJ. All fluid heated to 100 deg. Tester on location for wtr and cmt.

DEC 12 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Drilling. PU bit and DC's and ran to cmt top at 1525. Circ out soft cmt to 1900. Circ bottoms up, press tested csg to 1000 psi, lost 70 psi in 10 min. Ran to 2276 cmt top and drld firm cmt to 2481, circ bottoms up.

DEC 13 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC).  
12/14: Drilling. Drld firm cmt from 2524. Drld CR. Tripped for new bit.  
12/15: Drilling. Drld firm cmt from 2524-2729. Circ wellbore cln.  
12/16: Drilling. Rig SD on Sunday.

DEC 16 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Running tbg. Drld firm cmt from 2729-2860. CO to PBTB. Laid down DC's and bit. RU Dresser Atlas and ran CBL from 3150-340. Log indicated good bonding from 340-1900, fair to poor from 1900-2400, good to fair from 2400-2600, good to poor from 2600-2700, no bonding from 2700-2770 and good to poor from 2770-2900.

DEC 17 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC). Swabbing. Ran tbg to 1000'. Swbd FL to 1000'. Perf'd 1 hole/ft using Dresser Atlas 4" decentralized csg carrier gun loaded w/DA jumbo jets. Perf'd total of 72 holes in 4 runs as follows: 2088-2098, 2129-2136, 2312-2317, 2370-2374, 2377-2383, 2407-2413, 2416-2419, 2515-2522, 2559-2561, 2817-2819, 2840-2860. FL at 1000' at start of perf'g to smll flow after perf'g. RD Dresser Atlas. Ran and set Baker ret BP w/ball catcher at 2393 and pkr at 1897. Started swbg perfs from 2088-2383.

DEC 18 1974

Shell-LDS Church  
 2-27B5 SWD  
 (SWD) Western Oilwell  
 4205' Duchesne River-  
 Uinta Test  
 7" csg @ 4205'

TD 4205. PB 4075 (FC). Pulling retrievable tools. Swbd total of 200 BW. Salinity 22,000 ppm. FL 200'. Pulled BP to 2900 and pkr to 2730. Swbd perms 2817-60, swbg 94 BW. FL 100'. Salinity 17,000 ppm. Ran inj rate tests on perms 2817-60 as follows:

Press (Psi)	Bbls Fluid				Total Fluid
	5 min	10 min	15 min	20 min	
200	8	16	24	32	32 bbls
400	18	36	54	72	104 bbls
600	36	72	108	144	248 bbls
800	46	93	139.5	186	434 bbls
1000	55.5	111	166.5	222	656 bbls

SI. ISIP 100 psi to vac. Unseated pkr. Sptd acid. Set pkr and AT gross perms 2817-60 w/2200 gal 15% HCl. Pmpd acid as follows: dropped two 7/8" RCN ball sealers after each 100 gal acid. Flushed w/25 BFW. Max press 1300 psi, avg and min 900 psi. Max and min rates 10.6 B/M. ISIP 100 psi to vac in 1 min. Ball action 400 psi. Moved BP to 2622 and pkr to 2282. AT gross perms 2312-2561 w/3300 gal 15% HCl. Sptd acid and pmpd as follows: dropped two 7/8" RCN ball sealers after each 100 gal acid. Flushed w/23 BFW. Max and min press 1000 psi. Max and min rates 8.3 B/M. ISIP 500 psi and remaining at 500 psi in 20 min. No ball action. Bled off approx 5 bbls. Moved BP to 2190 and pkr to 2035. Sptd acid and AT gross perms 2088-2136 w/1700 gal 15% HCl. Pmpd acid as follows: After each 100 gal, dropped two 7/8" RCN ball sealers. Flushed w/22 BFW. Max press 1200 psi, avg and min 975 psi. Max and min rates 10 B/M. ISIP 400 psi decr to 300 psi in 5 min, to 200 psi in 10 min. Ball action 275 psi.

DEC 10 1974

Shell-LDS Church  
 2-27B5 SWD  
 (SWD) Western Oilwell  
 4205' Duchesne River-  
 Uinta Test  
 7" csg @ 4205'

TD 4205. PB 4075 (FC). Running prod equipment. Pulled BP. Ran pkr on 2-7/8 tbg and set at 2000. Ran inj test on perms 2088-2860 as follows: 100 psi; 10 min pumped 22 bbls, 20 min 48 bbls, 30 min 85 bbls, cumulative total 85 bbls. 200 psi; 10 min 57 bbls, 20 min 114 bbls, 30 min 172 bbls, cumulative total 257. 400 psi; 10 min 83 bbls, 20 min 167 bbls, 30 min 252 bbls, total cumulative 509. 600 psi; 10 min 106 bbls, 20 min 212 bbls, 30 min 318 bbls, total cumulative 827. 800 psi; 10 min 121 bbls, 20 min 243 bbls, 30 min 364 bbls, total cumulative 1191 bbls. 1000 psi pumped 97 bbls in 6-1/2 min., cumulative 1288 bbls. Ran out of wtr. ISIP 100 psi to vacuum in 1 min. RD BJ and pulled and singled down tbg w/pkr. RU OWP and set Baker Model D pkr w/flapper at 2000. RD OWP.

DEC 20 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD) Western Oilwell  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). SI. Finished running prod eqmt as follows: Baker Model "C" plug holder w/Model "B" pushout plug at 2014, 10' nonperf'd 2-7/8" NU prod tube, Baker anchor seal assembly w/2 seal units, Baker "EL" on-off connector w/Otis "N" profile w/2.313" seal bore x 2.255" no go w/top at 994', 2-7/8" x 6' tbg sub w/7" centralizer, and 65 jts 2-7/8" EUE 3rd K-55 tbg. All tbg and subs IPC. Pkr and on-off tools Candegin coated. Spaced out and unlatched from on-off connector. Circ csg w/fresh trtd wtr. Landed tbg w/1000# set-down wt. Tested tbg to 3000 psi, OK. Removed BOP, installed Xmas tree. Released rig 12/20/74. RU slick line and knocked out Baker plug, following to PBD. Found tools on btm of tbg. Lost rope socket, sinker bar, jars and 2-1/8" bullnose in hole. Did not fish tools. RD slick line.

DEC 23 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). SI. (Reports discontinued until further activity.)

DEC 24 1974

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). (RRD 12/24/74).  
1/5: Injecting. Checked out system and started inj at rate of 3 B/M at 200 psi at 12:10 PM, 1/4/75. Inj 2384 BW in 20 hrs at 200 psi. Pump cycling w/wtr loads. Cum inj 2384 BW.  
1/6: No report.

JAN - 6 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 2560 BW at 200 psi in 24 hrs. Pump cycling w/wtr loads. Cum inj 4964 BW.

JAN - 7 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 2002 BW at 200 psi in 24 hrs. Pump cycling w/wtr loads. Cum inj 6966 BW.

JAN - 8 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 1922 BW at 200 psi in 24 hrs. Pump cycling w/wtr loads. Cum inj 8888 BW.

JAN - 9 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 760  
BW in 4-1/2 hrs pump time at 200 psi. Cum inj 9648 BW.  
JAN 10 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). No report.  
JAN 13 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk).  
1/10: Inj 2802 BW in 24 hrs at 200 psi. Pump cycling  
w/load. Cum inj 12,450 BW.  
1/11: Inj 2899 BW in 24 hrs at 200 psi. Pump cycling  
w/load. Cum inj 15,349 BW.  
1/12: Inj 3030 BW in 24 hrs at 200 psi. Pump cycling  
w/load. Cum inj 18,379 BW.  
JAN 14 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk).  
1/13: Inj 2402 BW in 24 hrs at 200 psi. Pump cycling  
w/load. Cum inj 20,781 BW.  
1/14: Inj 2720 BW at 180 psi in 24 hrs. Pump cycling  
w/load. Cum inj 23,501 BW.  
JAN 15 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 3212  
BW at 200 psi in 24 hrs. Pump down 5-1/2 hrs. Cum  
inj 26,713 BW.  
JAN 16 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 3582  
BW at 200 psi in 24 hrs. Cum inj 30,295 BW.  
JAN 17 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting.  
1/16: Inj 3251 BW at 210 psi in 24 hrs.  
1/17: Inj 4230 BW at 200 psi in 24 hrs.  
1/18: Inj 4243 BW at 210 psi in 24 hrs. Cum inj to  
date 42,019 BW.  
JAN 20 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj est  
4200 BW at 200 psi. Meter failed. Pmp~~z~~ continuously  
for 22-1/2 hrs. Cum inj 46,219 BW.

JAN 21 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 1097  
BW at 250 psi in 24 hrs. Cum inj 47,31~~5~~ BW. Plant  
down throughout day for repairs.

JAN 22 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 1530  
BW at 250 psi in 13 hrs. Cum inj 48,846 BW.

JAN 23 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting. Inj 3071  
BW at 250 psi in 24 hrs. Cum inj 51,917 BW.

JAN 24 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). Injecting.  
1/23 & 24: Inj 6525 BW at 250 psi in 4~~8~~ hrs. Cum inj  
58,442 BW.  
1/25: Inj 2009 BW at 250 psi in 25 hrs. Cum inj  
60,451 BW.

JAN 27 1975

Shell-LDS Church  
2-27B5 SWD  
(SWD)  
4205' Duchesne River-  
Uinta Test  
KB 5887', GL 5860'  
7" csg @ 4205'

TD 4205. PB 4075 (FC and jk). SALT WATER DISPOSAL  
WELL COMPLETE. On 24-hr test 1/26/75, inj 3390 BW at  
250 psi into Duchesne River-Uinta perfs 2088-2098,  
2129-2136, 2312-2317, 2370-2374, 2377-2383, 2407-2413,  
2416-2419, 2515-2522, 2559-2561, 2817-2819 and 2840-2860.  
Initial inj date: 1/4/75. Compl inj date: 1/26/75.  
This well was drilled to dispose of water produced from  
the Altamont Field.  
FINAL REPORT.

JAN 28 1975

CASING AND CEMENTING

Field Altamont Well LDS Church 2-27B5 SWD  
Job: 9-5/8 " O.D. Casing ~~XXXX~~ Ran to 305 feet (KB) on 11/5, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28	KB	CHF
8	40#	K-55	ST&C	Yes	277	CHF	305'

Casing Hardware:  
 Float shoe and collar type Weld on guide shoe  
 Centralizer type and product number None  
 Centralizers installed on the following joints \_\_\_\_\_  
 Other equipment (liner hanger, D.V. collar, etc.) None

Cement Volume:  
 Caliper type None . Caliper volume \_\_\_\_\_ ft<sup>3</sup> + excess over caliper  
 \_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
 + cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

Cement:  
 Preflush—Water 20 bbls, other None Volume - bbls  
 First stage, type and additives Class "G" w/3% CaCl<sub>2</sub>  
 \_\_\_\_\_ . Weight 15.9 lbs/gal, yield 1.14  
 ft<sup>3</sup>/sk, volume 300 sx. Pumpability 1 hours at 60 °F.  
 Second stage, type and additives \_\_\_\_\_  
 \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.

Cementing Procedure:  
 Rotate/reciprocate Pipe would not go down - unable to reciprocate  
 Displacement rate 10 B/M  
 Percent returns during job 100% - circ out approx 20 bbls cmt  
 Bumped plug at N/A AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg  
 with N/A lbs on slips.

Remarks:  
CIP at 10:05 PM, 11/5/74. Left 40' cmt inside pipe.

Drilling Foreman J. N. Carlson  
 Date 11/6/74

CASING AND CEMENTING

Field Altamont Well LDS Church 2-27B5 SWD  
 Job: 7 " O.D. Casing ~~XXXX~~ Ran to 4205 feet (KB) on 11/13, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					26.00	KB	CHF
4	29#	Mixed	ST&C	Rejects	145.37	CHF	171.37
6	23#	K-55	ST&C	Yes	239.02	171.37	410.39
8	26#	K-55	LT&C	Yes	339.80	410.39	750.19
21	26#	Mixed	LT&C	Rejects	892.41	750.19	1642.60
Howco Multi Stage Cementer					2.96	1642.60	1645.56
43	26#	Mixed	LT&C	Rejects	1805.71	1645.56	3451.27
5	26#	Mixed	LT&C	Shop Cut Rejects	204.99	3451.27	3656.26

(Continued on next page)

Casing Hardware:

Float shoe and collar type Howco Differential Fill FC and FS  
 Centralizer type and product number Mixed, Howco and B&W hinged type  
 Centralizers installed on the following joints 6' above shoe, 4th, 8th, 12th, 16th, 20th, 24th, 28th, 32nd, 36th, 40th, 44th, 48th, 53rd, 58th, 63rd, 65th  
 Other equipment (liner hanger, D.V. collar, etc.) Howco multi stage DV and two metal pedal baskets located at 1656 and 1660

Cement Volume:

1st stg Caliper type BHC-Sonic . Caliper volume 873 ft<sup>3</sup> + excess over caliper  
180 ft<sup>3</sup> + float collar to shoe volume 27 ft<sup>3</sup> + liner lap - ft<sup>3</sup>  
 + cement above liner: - ft<sup>3</sup> = 1080 ft<sup>3</sup> (Total Volume). 2nd stage - 1400

Cement:

Preflush--Water 20 bbls, other 10 ppg cmt Volume 13 bbls  
 First stage, type and additives Class "G" w/3% gel and 1% D-31  
 . Weight 14.5 lbs/gal, yield 1.4  
 ft<sup>3</sup>/sk, volume 825 sx. Pumpability 4 hours at 100 °F.  
 Second stage, type and additives BJ Lite w/50 sk tail of Class "G" (wt 15.9) (yield 1.19)  
 . Weight 12.4 lbs/gal, yield 3.04  
 ft<sup>3</sup>/sk, volume 444 sx. Pumpability - hours at - °F.

Cementing Procedure:

Rotate/reciprocate Attempted to reciprocate first stage - stuck  
 Displacement rate 2-6 B/M both stages, lost circ  
 Percent returns during job 0% to 50% 1st stage, 0% 2nd stage  
 1st stg Bumped plug at 4:05 AM/PM with 1500 psi. Bled back 3/4 bbls. Hung csg  
 with 95,000 lbs on slips. Closed DV w/1800 psi. Bled back 1-3/4 bbls.

Remarks:

All casing in string will drift with a standard 29#/ft drift.  
First stage lost returns half way through displacement. No cmt circ when DV opened.  
Second stage lost returns while mixing cmt.

Drilling Foreman J. N. Carlson  
 Date 11/15/74

CASING AND CEMENTING

Field Altamont Well LDS Church 2-27B5 SWD  
 Job: 7 " O.D. Casing/Liner. Ran to 42-5 feet (KB) on 11/13, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From KB	To CHF
						CHF	
13	26#	95	LT&C	Rejects 1-4B2	418.50	3656.26	4074.76
	Howco Diff Fill FC				1.90	4074.76	4076.66
2	29#	95	LT&C	Rejects	82.02	4076.66	4158.68
1	26#	95	LT&C	Reject	43.90	4158.68	4202.58
	Howco Diff Fill float shoe				2.42	4202.58	4205.00

Casing Hardware:

Float shoe and collar type \_\_\_\_\_  
 Centralizer type and product number \_\_\_\_\_  
 Centralizers installed on the following joints \_\_\_\_\_  
 Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type \_\_\_\_\_ . Caliper volume \_\_\_\_\_ ft<sup>3</sup> + excess over caliper  
 \_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
 + cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

Cement:

Preflush—Water \_\_\_\_\_ bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
 First stage, type and additives \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.  
 Second stage, type and additives \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.

Cementing Procedure:

Rotate/reciprocate \_\_\_\_\_  
 Displacement rate \_\_\_\_\_  
 Percent returns during job \_\_\_\_\_  
 Bumped plug at \_\_\_\_\_ AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg  
 with \_\_\_\_\_ lbs on slips.

Remarks:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Drilling Foreman J. N. Carlson  
 Date 11/15/74

FORM OGC-8-X  
File in Quadruplicate

47  
Z

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING  
\*\*\*\*\*

Well Name and Number LDS Church 2-27B5 SWD  
Operator Shell Oil Company  
Address 1700 Broadway  
Denver, Colorado 80202  
Contractor Brinkerhoff Drilling Company, Inc.  
Address Denver Club Building  
Denver, Colorado 80202  
Location SW 1/4, SE 1/4; Sec. 27; T. 2 ~~S~~ R. 5 ~~E~~ W Duchesne County.

Water Sands:

	Depth: From - To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	<u>GR log run from 303-4187'</u>		
2.	<u>No water zones tested or evaluated.</u>		
3.			
4.			
5.			

(Continue on Reverse Side of Necessary)

Formation Tops:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Shell Oil Company</p> <p>3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 551' FSL &amp; 2556' FEL Sec. 27</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME L.D.S. Church</p> <p>9. WELL NO. 2-27B5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 SE/4 Sec. 27-T2S-R5W</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5887 KB</p>	

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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

See attachment

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

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

SIGNED P. Plautz TITLE Div. Opers. Engr. DATE 10/19/78

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

ACDZ FOR SCALE  
SHELL OIL COMPANY

FROM: 10/12/78

LEASE	LDS CHURCH	WELL NO.	2-27B5 SWI
DIVISION	WESTERN	ELEV	5887 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-LDS Church  
2-27B5 SWD  
(Acdz for scale)

"FR" TD 4205. PB 4068. AFE #480217 provides funds to acdz well to remove scale impairment. 10/10 RU BJ & pmp'd 4500 gals 15% HCl w/14 gals Cl5. Started pmp press 1000 psi @ 2-1/2 B/M. Pmp'd 1260 gals acid @ 4 B/M @ 750 psi. Fin'd pmp'g acid @ 400 psi @ 6 B/M. Displ'd tbg w/prod wtr & let acid soak 4 hrs. Started up both SWD pmp; max press attained w/both pmps 550 psi (one pmp run'g max of 350 psi) **OCT 12 1978**  
FINAL REPORT

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5887 KB</p>	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:																		
<table style="width:100%;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		<table style="width:100%;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input checked="" type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <input type="checkbox"/>	
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See attachment

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

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

SIGNED P. Plautz TITLE Div. Opers. Engr. DATE 10/19/78

(This space for Federal or State office use)

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

cc: USGS w/attachment

ACDZ FOR SCALE  
SHELL OIL COMPANY

FROM: 10/12/78

LEASE	LDS CHURCH	WELL NO.	ALTAMONT 2-27B5 SWD
DIVISION	WESTERN	ELEV	5887 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-LDS Church  
2-27B5 SWD  
(Acidz for scale)

"FR" TD 4205. PB 4068. AFE #480217 provides funds to acidz well to remove scale impairment. 10/10 RU BJ & pmp'd 4500 gals 15% HCl w/14 gals Cl5. Started pmp press 1000 psi @ 2-1/2 B/M. Pmp'd 1260 gals acid @ 4 B/M @ 750 psi. Fin'd pmp'g acid @ 400 psi @ 6 B/M. Displ'd tbg w/prod wtr & let acid soak 4 hrs. Started up both SWD pmp; max press attained w/both pmps 550 psi (one pmp run'g max of 350 psi) OCT 12 1978  
FINAL REPORT



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART  
*Chairman*

CLEON B. FEIGHT  
*Director*

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

December 6, 1978

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

Re: PLEASE SEE ATTACHED SHEET  
FOR WELLS AND MONTHS NEEDED

Gentlemen:

Our records indicate that you have not filed a "Monthly Disposal Well Report" for the months indicated above on the subject well(s).

In accordance with Rule C-11, General Rules and Regulations and Rules of Practice and Procedure, it is required that a report be filed each month on or before the sixteenth (16) day of the succeeding month following injection. This report may be filed on the enclosed form, or on company forms containing substantially the same information. We are enclosing forms for your convenience.

In order that we may keep our records accurate and complete, a report is still required each month, whether or not fluids are being injected.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

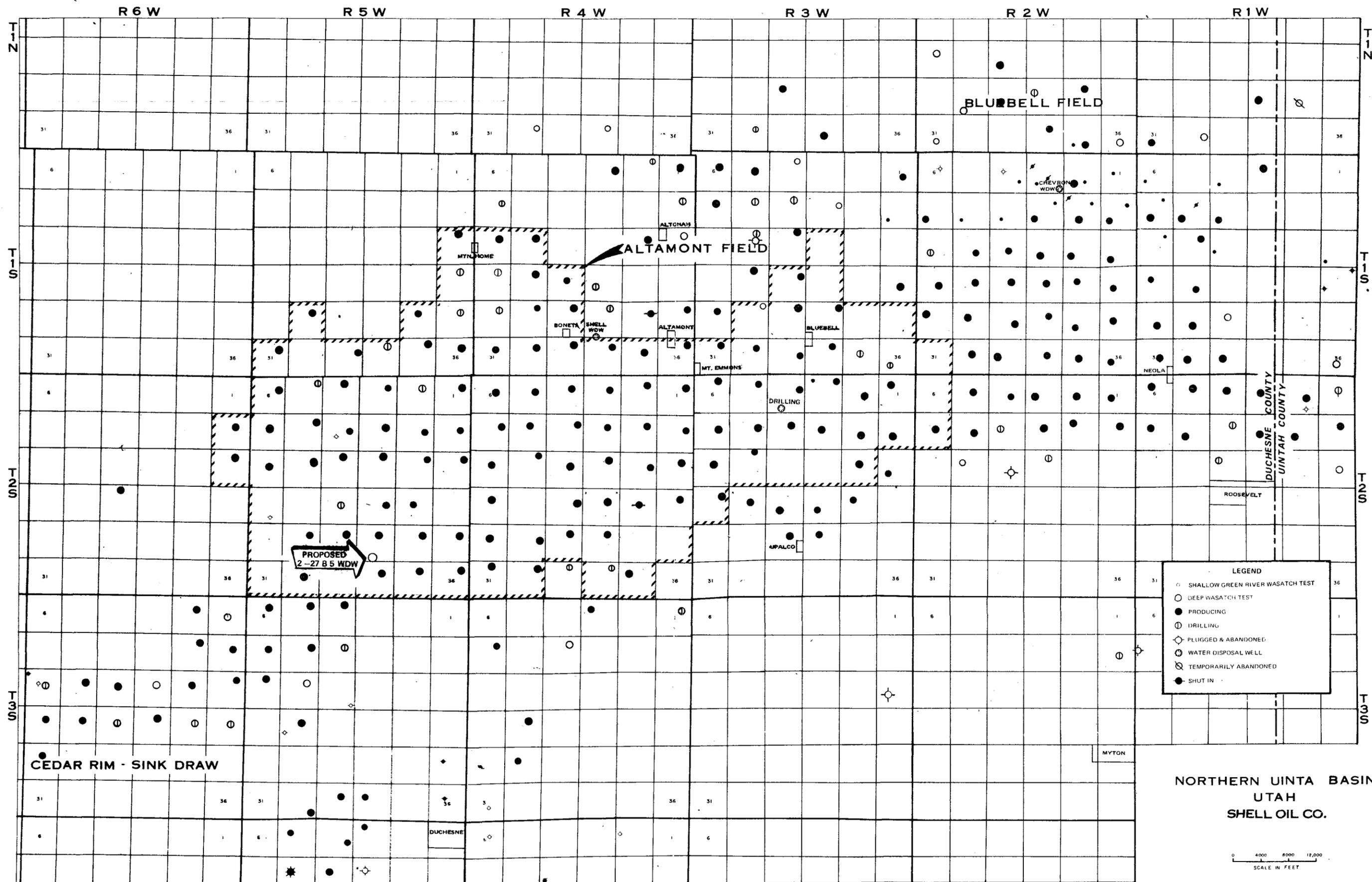
DIVISION OF OIL, GAS, AND MINING

*Kathy Avila*

KATHY AVILA  
RECORDS CLERK

Monthly Disposal Report, Attachment

- 1- SWD 1-27A4  
Sec. 27, T. 1S, R. 4W,  
Duchesne County, Utah  
September 1978 thru' October 1978
- 2- G. Hanson 2-4B3  
Sec. 4, T. 2S, R. 3W,  
Duchesne County, Utah  
September 1978 thru' October 1978
- 3- Erich SWD 2-11B5  
Sec. 11, T. 2S, R. 5W,  
Duchesne County, Utah  
September 1978 thru' October 1978
- 4- LDS Church 2-27B5  
Sec. 27, T. 2S, R. 5W,  
Duchesne County, Utah  
September 1978 thru' October 1978



**LEGEND**

- SHALLOW GREEN RIVER WASATCH TEST
- DEEP WASATCH TEST
- PRODUCING
- ⊕ DRILLING
- ⊖ PLUGGED & ABANDONED
- ⊗ WATER DISPOSAL WELL
- ⊘ TEMPORARILY ABANDONED
- SHUT IN

NORTHERN UINTA BASIN  
 UTAH  
 SHELL OIL CO.

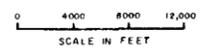


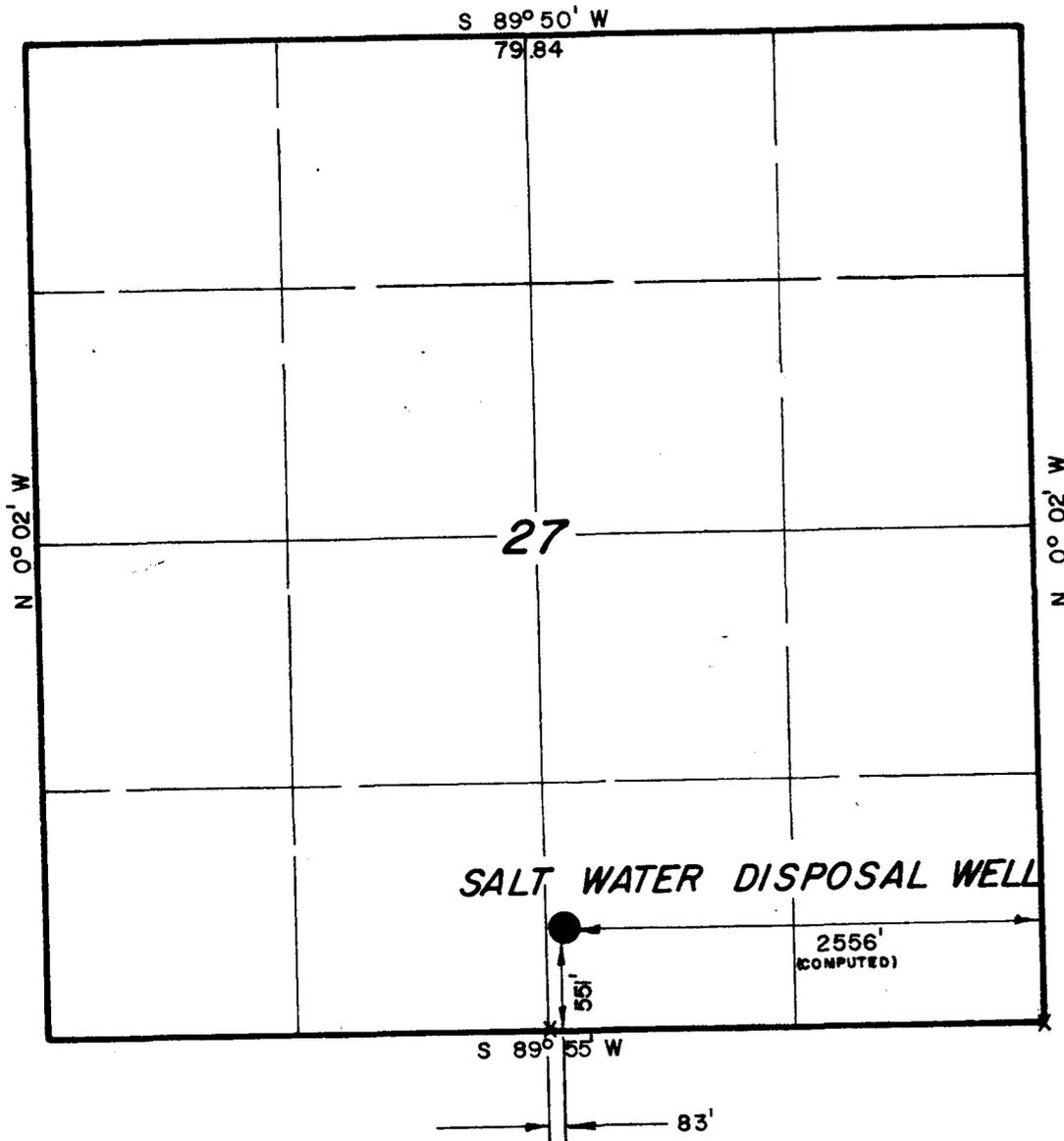
EXHIBIT "A"

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

PROJECT  
SHELL OIL COMPANY

Well location, located as shown in  
the SW 1/4 SE 1/4 Section 27, T2S,  
R5W, U.S.B. & M. Duchesne County,  
Utah.

EXHIBIT "A-1"



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  
BEST OF MY KNOWLEDGE AND BELIEF.

*Richard J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 9/4/74
PARTY	REFERENCES GLO PLAT
WEATHER HOT	FILE SHEL OIL CO.

X section corners located.

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON  
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

TO: All Water Disposal Well  
Operators

DATE: September 30, 1980

FROM: CLEON B. FEIGHT

SUBJECT: Waste Water Disposal  
Well's

A recent survey of the WDW'S in the Uintah Basin was made and the following apparent deficiencies were noted:

(1) If a high-low pressure shut-off switch was installed, in most instances the high shut-off was far above the formation break-down pressure. Also, on many wells, a pressure chart or gauge for injection pressure had not been installed.

(At this point we'd like to remind all operators that one of the conditions for the utilization of WDW'S was the selection of 0.5/lb. square inch/ft. of depth as the overall formation fracture gradient).

(2) In numerous cases we were unable to determine the presence of a recording device or meter for daily volume injected. (This Division does not at this time specify the type of recording device to be utilized, however, in the case of continued absence of any recorder, it shall and will be the prerogative of the Division to shut the WDW in until such time a working recording device is installed).

(3) Housekeeping in many areas is totally inadequate, and results in unnecessary pollution.

(4) Well identification signs were missing on several locations.

This Division would appreciate if all operators would take immediate steps to put these wells in proper operating order no later than October 30, 1980.

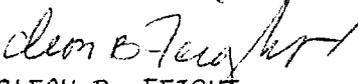
Due to the recent adoption of Rules & Regulations for underground injection of produced water, as well as secondary recovery, etc. by the EPA, a representative from said agency will accompany a member of this Division on our November inspection.

Memo  
September 30, 1980  
Page Two

So at this time we ask and hope that these wells be in First Class condition.

THANK YOU

DIVISION OF OIL, GAS AND MINING

  
CLEON B. FEIGHT  
DIRECTOR

CBF/bjh

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT

\*\*\*\*\*

DATE: 4-14-83

COMPANY/OPERATOR Shell Oil Co.

Water Disposal Well  Enhanced Recovery Well  Other

API Well Number 43-013-30340 Field Name Altamont

SEC. 27 TOWNSHIP 25 RANGE 5W WELL NAME/NUMBER LDS Church 2-27B5

Lease Name/Number Yee Location SW 1/4 of SE 1/4 COUNTY: Duchesne

\*\*\*\*

INITIAL CONDITIONS:

Long string Rate/Pressure: \_\_\_\_\_ bw/d 280 psi

Short String Rate/Pressure: N/A bw/d \_\_\_\_\_ psi

Csg-tbg Annulus Pressure: 0 psi

CONDITIONS DURING TEST: Stable

Long string Pressure: 300 psi hr 37 Minutes Time: 10:45 to 12:22

Short string Pressure \_\_\_\_\_ psi \_\_\_\_\_ Minutes

Csg-tbg Annulus Pressure \*1,000 psi dropped & stabilized @ 750 psi!

Amount of water added to annulus: \_\_\_\_\_ bbls

AFTER ANNULUS BLEED OFF:

Long string Pressure: 300 psi

Short string Pressure: \_\_\_\_\_ psi

Csg-tbg Annulus Pressure: 0 psi

REMARKS: Since the annulus pressure stabilized

@ 750 psi for the duration of the test, the  
drop in pressure  
this may have been caused by  
compressed gas. Therefore, before another test  
can be performed, gas will have to be bled off  
and well re-tested. Shell will contact us when  
gas well is bled off, and another date for re-testing scheduled.

ms. Brown  
Operator Representative (Name)

[Signature]  
UIC FIELD INSPECTOR (Witness)

[Signature]  
UIC FIELD INSPECTOR (Witness)



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

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THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

CLEON B. FEIGHT  
*Director*

August 11, 1981

Shell Oil Company  
P.O. Box 10  
Altamont, UT 84001

Re: LDS Church 2-27B5  
Sec. 27, T. 3S, R. 6W  
Duchesne County, Utah

Gentlemen:

Please be advised that an inspection was made on the above referred to well on August 5, 1981. On this date, it was noted that the area surrounding the pit needs some general housekeeping and the pit needs to be clean up and burned off.

Thank you in advance for cooperation on this matter.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

THALIA R. PRATT  
UNDERGROUND INJECTION SPECIALIST

Shell Oil Company



P.O. Box 10  
Altamont, Utah 84001

July 20, 1983

STATE OF UTAH  
U I C Program  
Room 1271  
State Office Bldg.  
Salt Lake City, Utah 84114

RECEIVED  
JUL 28 1983

DIVISION OF  
OIL GAS & MINING

Attn: Ms. T.R. Pratt

Dear Ms. Pratt,

As per our recent conversations about the pressure variances observed on the tubing-casing annuli in Shell Oil Company's salt water disposal wells, and in particular the Erich 2-11B5 and the Church 2-27B5, it has been determined that the changes are the sequential effect of various factors causing the expansion of the annular fluids. Recent tests, applying pressure and temperature recorders, confirmed our conviction that the pressure changes were a result of our mode of operation and/or the expansion of annular fluids.

The following factors are involved in the pressure fluctuations:

- a. The initial pressure placed on the casing for monitoring purposes. (Casing is filled with fluid at this time.)
- b. The pumping time and the amount of water being injected. (This depends on the amount of water being produced or hauled into the system, thus the surge tank levels.)
- c. The on or off posture of the pump controls at a particular time.
- d. Whether or not one or two pumps are being used. (When more volume is being injected, pumping pressures are higher, expansion of the tubing occurs and annular pressures are higher.)
- e. The temperature of the water being pumped. (Water temperature can vary from 90° to 165° F. depending on source of water.)

In your letter of July 12, 1983, you stated that the situation of an excessive amount of pressure on the tubing-casing annulus on the Erich 2-11B5 was contrary to operating requirements for Class II injection wells. According to Rule I - Underground Injection Criteria and Standards (May 27, '82) I do not see any specific requirements for pressure. Is there a difference in our understanding or perhaps are there more recent rules and requirements which we do not have at our disposal? Please advise or call if there are any further questions. Thank you for your cooperation.

*R. F. Brou*

R.F. Brou  
Production Foreman, Shell Oil Company



**ANR Limited Inc.**  
a subsidiary of The Coastal Corporation

**RECEIVED**  
DEC 31 1986

DIVISION OF  
OIL, GAS & MINING

December 24, 1986

Utah State Land Board  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

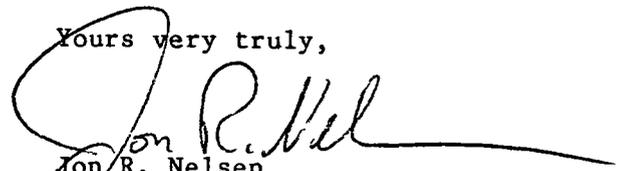
Attention: Ms. Claudia Jones

Gentlemen:

We enclose for your further handling, a composite Sundry Notice for the 136 wells which ANR Limited Inc. assumed operations, December 1, 1986. All of these wells were formerly operated by Utex Oil Company.

It is our understanding that each month you generate turn-around reports on production from these wells. The contact person for these reports in our organization is Mr. Randy Wahl. His telephone number is (303) 573-4468. If you have any questions, please feel free to contact Mr. Wahl.

Yours very truly,

  
Jon R. Nelsen  
District Land Manager

JRN/gab  
Enclosure

cc: R. Wahl (w/enclosure)  
L. Streeb (w/enclosure)

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

PERMIT IN TRIPLICATE  
(Other instructions on reverse side)

010939A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Salt Water Disposal</u>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR ANR Limited Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements.* See also space 17 below.) At surface See attached list		8. FARM OR LEASE NAME <u>205</u>
14. PERMIT NO. <u>43-013-30340</u>		9. WELL NO. <u>2-27B5</u>
15. ELEVATIONS (Show whether DF, ST, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
16. DIVISION OF OIL, GAS & MINING		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 27 2s 5w</u>
17. COUNTY OR PARISH		12. COUNTY OR PARISH <u>Wichita</u>
18. STATE		13. STATE

RECEIVED  
DEC 31 1986

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

NOTICE OF INTENTION TO:

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) - Change Operator	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
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(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

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

SIGNED

Don K. Nelson

TITLE

Dist. Land Mgr.

DATE

12/24/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements.* See also space 17 below.) At surface See attached list		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
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		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

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OIL GAS & MINING

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

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

(Other) Change Operator

(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.)\*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

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

SIGNED

*Don R. Nelson*

TITLE

*Dist Land Mgr*

DATE

*12/24/86*

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

## EXHIBIT A

Page 1 of 8

ANR OPERATED WELLS  
 Altamont/Bluebell Fields  
 12-01-86

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T1S-R1E</u> Section 8	✓Ute 1-8A1E	ANR	43-047-30173
<u>T2S-R2E</u> Section 20	✓Meagher Estate 1-20B2E	ANR	43-047-30186
<u>T1N-R2W</u> Section 32	✓Ute 1-32Z2	ANR	43-013-30379
	✓Ute 2-32Z2	ANR	43-013-31110
Section 33	✓Ute 1-33Z2	ANR	43-013-30334
	✓Ute 2-33Z2	ANR	43-013-31111
<u>T1S-R1W</u> Section 28	✓Lawson 1-28A1	ANR	43-013-30358
<u>T1S-R2W</u> Section 31	✓Ute 1-31A2	ANR	43-013-30353
	✓Ute 2-31A2	ANR	43-013-31138

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T1S-R3W</u>			
Section 15	✓Tew 1-15A3	ANR	43-013-30529
Section 21	✓Monson 1-21A3	ANR	43-013-30082
Section 22	✓Whitehead 1-22A3	ANR	43-013-30357
Section 25	✓Ute 1-25A3	ANR	43-013-30370
Section 26	✓Ute 1-26A3	ANR	43-013-30348
Section 27	✓Monsen 1-27A3	ANR	43-013-30145
	✓Monsen 2-27A3	ANR	43-013-31104
Section 28	✓Winkler 1-28A3	ANR	43-013-30191
	✓Winkler 2-28A3	ANR	43-013-31109
Section 29	✓Hanson Trust 1-29A3	ANR	43-013-30314
	✓Hanson Trust 2-29A3	ANR	43-013-31043
Section 32	✓Hanson Trust 1-32A3	ANR	43-013-30141
Section 33	✓Powell 1-33A3	ANR	43-013-30105
Section 34	✓Remington 1-34A3	ANR	43-013-30139
	✓Remington 2-34A3	ANR	43-013-31091
Section 35	✓Ute 1-35A3	ANR	43-013-30181
Section 36	✓Ute 1-36A3	ANR	43-013-30263

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T1S-R4W</u>			
Section 21	✓Chatwin 1-21A4	ANR	43-013-30101
Section 27	Shell Fee 2-27A4	ANR - Salt Water Disposal	43-013-30915
Section 28	✓Brotherson 1-28A4	ANR	43-013-30233
Section 29	✓Fieldsted 1-29A4	ANR	43-013-30276
Section 33	✓Brotherson 1-33A4	ANR	43-013-30272
	✓Lindsay 2-33A4	ANR	43-013-31141
Section 34	✓Ute 1-34A4	ANR	43-013-30075
Section 35	✓Miles 1-35A4	ANR	43-013-30029
	✓Miles 2-35A4	ANR	43-013-31087
Section 36	✓Ute 1-36A4	ANR	43-013-30069
	✓Rust 2-36A4	ANR	43-013-31092
<u>T1S-R5W</u>			
Section 33	✓Christensen 1-33A5	ANR	43-013-30054
<u>T2S-R2W</u>			
Section 6	✓Ute 1-6B2	ANR	43-013-30349
Section 7	✓Ute 1-7B2	ANR	43-013-30206
Section 13	✓Elder 1-13B2	ANR	43-013-30366
<u>T2S-R3W</u>			
Section 1	✓Jenkins 1-1B3	ANR	43-013-30175
	✓Jenkins 2-1B3	ANR	43-013-31117

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T2S-R3W (continued)</u>			
Section 2	✓Goodrich Enterprise 1-2B3	ANR	43-013-30182
Section 3	✓Lotridge-Gates 1-3B3	ANR	43-013-30117
Section 4	✓Rust 1-4B3	ANR	43-013-30063
	Hanson 2-4B3	ANR - Salt Water Disposal	43-013-31070
Section 5	✓Hanson Trust 1-5B3	ANR	43-013-30109
Section 8	✓Hanson Trust 1-8B3 (TA)	ANR	43-013-30201
Section 9	✓Hanson Trust 1-9B3 (TA)	ANR	43-013-30144
	✓Hanson Trust 2-9B3	ANR	43-013-31136
Section 10	✓Doyle 1-10B3	ANR	43-013-30187
Section 11	✓Rudy 1-11B3	ANR	43-013-30204
Section 12	✓Ute 1-12B3	ANR	43-013-30205
	✓Jenkins 2-12B3	ANR	43-013-31121
Section 14	✓Roper 1-14B3	ANR	43-013-30217
Section 18	✓Babcock 1-18B3	ANR	43-013-30219
Section 19	✓Evans 1-19B3	ANR	43-013-30265
<u>T2S-R4W</u>			
Section 1	✓Ute 1-1B4	ANR	43-013-30129
Section 2	✓Brotherson 1-2B4	ANR	43-013-30062
	✓Brotherson 2-2B4	ANR	43-013-30855
Section 3	✓Brotherson 1-3B4	ANR	43-013-30048
Section 5	✓Chandler 1-5B4	ANR	43-013-30140

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
T2S-R4W (continued)			
Section 6	✓Crook 1-6B4	ANR	43-013-30213
Section 7	✓Farnsworth 1-7B4	ANR	43-013-30097
	✓Farnsworth 2-7B4	ANR	43-013-30470
Section 8	✓Ellsworth 1-8B4	ANR	43-013-30112
Section 9	✓Ellsworth 1-9B4	ANR	43-013-30118
Section 10	✓Brotherson 1-10B4	ANR	43-013-30110
	✓Brotherson 2-10B4	ANR	43-013-30443
Section 11	✓Brotherson 1-11B4	ANR	43-013-30052
	✓Brotherson 2-11B4	ANR	43-013-31078
Section 12	✓Babcock 1-12B4	ANR	43-013-30104
	✓Babcock 2-12B4	ANR	43-013-31005
Section 14	✓Brotherson 1-14B4	ANR	43-013-30051
Section 15	✓Brotherson 1-15B4	ANR	43-013-30159
	✓Brotherson 2-15B4	ANR	43-013-31103
Section 16	✓Ellsworth 1-16B4	ANR	43-013-30192
	✓Ellsworth 2-16B4	ANR	43-013-31046
Section 17	✓Ellsworth 1-17B4	ANR	43-013-30126
	✓Ellsworth 2-17B4	ANR	43-013-31089
Section 18	✓Bleazard 1-18B4	ANR	43-013-30059
	✓Bleazard 2-18B4	ANR	43-013-31025

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T2S-R4W (continued)</u>			
Section 19	✓Ellsworth 1-19B4	ANR	43-013-30183
	✓Ellsworth 2-19B4	ANR	43-013-31105
Section 20	✓Ellsworth 1-20B4	ANR	43-013-30351
	✓Ellsworth 2-20B4	ANR	43-013-31090
Section 21	✓Hunt 1-21B4	ANR	43-013-30214
	✓Hunt 2-21B4	ANR	43-013-31114
Section 22	✓Brotherson 1-22B4	ANR	43-013-30227
	✓Brotherson 2-22B4	ANR	43-013-31086
Section 23	Brotherson 1-23B4 (TA) (Renamed Lake Fork 2-23B4 Proposed SWD)	ANR	43-013-
	✓Brotherson 1-23B4R	ANR	43-013-30483
Section 24	✓Brotherson 1-24B4	ANR	43-013-30229
Section 26	✓Brotherson 1-26B4	ANR	43-013-30336
Section 28	✓Ute 1-28B4	ANR	43-013-30242
Section 29	✓Young 1-29B4	ANR	43-013-30246
Section 30	✓Lawrence 1-30B4	ANR	43-013-30220
<u>T2S-R5W</u>			
Section 1	✓Tew 1-1B5	ANR	43-013-30264
Section 2	✓Potter 1-2B5	ANR	43-013-30293

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T2S-R5W</u>			
Section 9	✓Tew 1-9B5 (TA)	ANR	43-013-30121
Section 10	✓Tew Unit 1-10B5	ANR	43-013-30178
Section 11	✓Ehrich 1-11B5 (TA)	ANR	43-013-30157
	Ehrich 2-11B5	ANR - Salt Water Disposal Well	
	✓Ehrich 3-11B5	ANR	43-013-31080
Section 12	✓Farnsworth 1-12B5	ANR	43-013-31024
	✓Farnsworth 2-12B5	ANR	43-013-31115
Section 13	✓Farnsworth 1-13B5	ANR	43-013-30092
Section 14	✓Potter 1-14B5	ANR	43-013-30127
Section 15	✓Burton 1-15B5	ANR	43-013-30128
Section 16	✓Burton 1-16B5	ANR	43-013-30238
Section 17	✓Reeder 1-17B5	ANR	43-013-30218
Section 18	Ute 1-18B5 (TA)	ANR	43-013-30058
Section 20	✓Ute Tribal 1-20B5	ANR	43-013-30376
Section 21	✓Ute 1-21B5	ANR	43-013-30262
Section 22	✓Ute Unit 1-22B5	ANR	43-013-30134
Section 23	✓Hanskutt 1-23B5	ANR	43-013-30172
Section 24	✓Potter 1-24B5	ANR	43-013-30356

<u>Location</u>	<u>Well Name</u>	<u>Operator</u>	<u>API #</u>
<u>T2S-R5W (continued)</u>			
Section 25	✓Murdock 1-25B5	ANR	43-013-30247
Section 26	✓Murdock 1-26B5	ANR	43-013-30049
	✓Murdock 2-26B5	ANR	43-013-31124
Section 27	✓Birch 1-27B5	ANR	43-013-30197
	✓Birch 2-27B5	ANR	43-013-31126
	LDS 2-27B5	ANR - Salt Water Disposal	
Section 28	✓Ute Unit 1-28B5	ANR	43-013-30179
Section 29	✓Robb 1-29B5	ANR	43-013-30135
	✓Robb 2-29B5	ANR	43-013-31130
Section 30	✓Smith 1-30B5	ANR	43-013-30521
Section 31	✓Smith 1-31B5	ANR	43-013-30577
Section 32	✓Broadhead 1-32B5	ANR	43-013-30221
Section 34	✓Murdock 1-34B5	ANR	43-013-30230
	✓Murdock 2-34B5	ANR	43-013-31132
<u>T2S-R6W</u>			
Section 12	✓Ute 1-12B6	ANR	43-013-30268
Section 21	✓Broadhead 1-21B6	ANR	N/A
Section 25	✓Ute 1-25B6	ANR	43-013-30439
Section 36	✓Ute 1-36B6	ANR	43-013-30502



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

January 12, 1987

Mr. Randy Wahl  
ANR Limited, Incorporated  
600 17th Street - Suite 800  
P.O. Box 749  
Denver, Colorado 80201-0749

Dear Mr. Wahl:

RE: Transfer of Ownership

Enclosed are four "Notice of Transfer of Ownership" forms (DOGM-UIC-5) and Section 8 of the General Rules and Regulations. According to Rule 821 of these rules: "The authority to inject for any injection well shall not be transferred from one operator to another without approval of the Division. . . ."

Please fill out these forms as soon as possible and return them to this office to the attention of the UIC Program. Your cooperation in this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Marlayne Poulsen".

Marlayne Poulsen  
UIC Secretary

mfp  
Enclosures  
0012U/52



**ANR Limited Inc.**  
a subsidiary of The Coastal Corporation

RECEIVED  
JAN 23 1987

January 20, 1987

Utex Oil Company  
1245 E. Brickyard Rd., Suite 600  
Salt Lake City, UT 84106

DIVISION OF  
OIL, GAS & MINING

Attention: Mr. Jeff Neimeyer

Re: Transfer of Ownership  
Duchesne County, Utah

Gentlemen:

Enclosed are four Notice of Transfer of Ownership Forms for the following wells:

#2-27B5 T2S-R5W  
Section 27  
Duchesne County, Utah

#2-4B3 T2S-R3W  
Section 4  
Duchesne County, Utah

#2-27A4 T1S-R4W  
Section 27  
Duchesne County, Utah

#2-11B5 T2S-R5W  
Section 11  
Duchesne County, Utah

Please have these forms executed and forwarded to the attention of Marlayne Poulsen at the State of Utah Natural Resources (see address below). Also enclosed is a copy of Ms. Poulsen's letter dated January 12 to this office explaining the need for these forms.

Should you have any questions in this regard, please contact Mr. Jon Nelsen, District Land Manager, of this office. Thank you for your prompt attention to this matter.

Yours very truly,

Gail A. Bates  
Senior Secretary  
Exploitation

/gb  
Enclosures

cc: State of Utah Natural Resources  
Oil, Gas & Mining  
355 W. North Temple, 3 Triad Center  
3 Triad Center  
Salt Lake City, UT 84180-1230  
Attn: Ms. Marlayne Poulsen

Les Streeb - Coastal/Production Dept.

UTEX OIL COMPANY

SUITE 600  
1245 EAST BRICKYARD ROAD  
SALT LAKE CITY, UTAH 84106-2503

PHONE (801) 484-2262

January 27, 1987

RECEIVED  
JAN 28 1987

DIVISION OF  
OIL, GAS & MINING

State of Utah Natural Resources  
Oil, Gas and Mining  
Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203

ATTENTION: Ms. Marlayne Poulsen

RE: Transfer of Operatorship

Dear Ms. Poulsen:

Enclosed are four (4) fully executed Notice of Transfer of Ownership forms for the following Salt Water Disposal Wells:

2-11B5  
Sec. 11-T2S-R5W  
Duchesne County, Utah

2-27B5  
Sec. 27-T2S-R5W  
Duchesne County, Utah

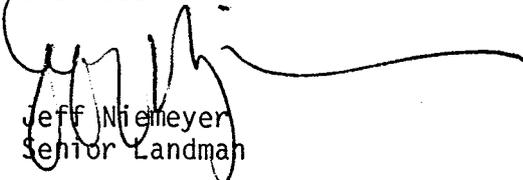
2-27A4  
Sec. 27-T1S-R4W  
Duchesne County, Utah

2-4B3  
Sec. 4-T2S-R3W  
Duchesne County, Utah

Please note that Utex has only transferred the operatorship of these injection wells and not our ownership. Should you require any additional information, please advise me at the letterhead address.

Very truly yours,

UTEX OIL COMPANY

  
Jeff Niemeyer  
Senior Landman

JN:pt  
enclosure

cc: Coastal Oil & Gas Corp., Mr. Jon Nelsen

NOTICE OF TRANSFER OF OWNERSHIP

Present operator: Utex Oil Company Telephone: 801-484-2262

Address: 1245 E. Brickyard Road, Suite 600

City: Salt Lake City State: Utah Zip: 84106

Well no.: #2-27B5 Field or Unit name: Altamont

Sec.: 27 Twp.: 2S Rng.: 5W County: Duchesne Lease no. \_\_\_\_\_

Effective date of transfer: December 1, 1986

UTEX OIL COMPANY

By: \_\_\_\_\_

Signature of present operator

J. F. Niemeyer  
Attorney-in-Fact

1/19/87

Date

New operator: ANR Limited Inc.

Address: P. O. Box 749

City: Denver State: CO Zip: 80112

Signature of new operator

1/19/87

Date

(This space for DOGM approval)

The approval of this transfer is subject to the bonding requirements of Rule 301 of the Oil and Gas Conservation General Rules.

JAN 20 1987  
DIVISION OF  
OIL, GAS & MINING

Approved by: [Signature] Title: UIC Manager Date: 1/29/87



PETROLITE OIL FIELD CHEMICALS GROUP

369 Marshall Avenue • St. Louis, Missouri 63105  
314 961-3500 • TWX 910-760-1660 • Telex: 442477

**RECEIVED**  
APR 27 1987

# WATER ANALYSIS REPORT

DIVISION OF  
OIL, GAS & MINING

COMPANY coastal oil and gas ADDRESS \_\_\_\_\_ DATE: 4-15-87

SOURCE 2-27B5 SWD DATE SAMPLED 4-15-87 ANALYSIS NO. \_\_\_\_\_  
 Analysis 25 SW Sec 27 Mg/L \_\_\_\_\_ \*Meq/L \_\_\_\_\_

1.	pH	<u>8.0</u>				
2.	H <sub>2</sub> S (Qualitative)	<u>21.0</u>				
3.	Specific Gravity	<u>1.000</u>				
4.	Dissolved Solids		<u>7,130</u>			
5.	Suspended Solids					
6.	Phenolphthalein Alkalinity (CaCO <sub>3</sub> )					
7.	Methyl Orange Alkalinity (CaCO <sub>3</sub> )		<u>980</u>			
8.	Bicarbonate (HCO <sub>3</sub> )		<u>1,196</u>	÷61	<u>20</u>	HCO <sub>3</sub>
9.	Chlorides (Cl)		<u>2,612</u>	÷35.5	<u>74</u>	Cl
10.	Sulfates (SO <sub>4</sub> )		<u>750</u>	÷48	<u>16</u>	SO <sub>4</sub>
11.	Calcium (Ca)		<u>85</u>	÷20	<u>4</u>	Ca
12.	Magnesium (Mg)		<u>1</u>	÷12.2	<u>0</u>	Mg
13.	Total Hardness (CaCO <sub>3</sub> )		<u>220</u>			
14.	Total Iron (Fe)		<u>0.3</u>			
15.	Barium (Qualitative)					
16.	Strontium					

\* Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION

*							
4	Ca ←	HCO <sub>3</sub>	20	Compound	Equiv. Wt.	X	Meq/L = Mg/L
0	Mg →	SO <sub>4</sub>	16	Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>4</u> <u>324</u>
106	Na →	Cl	74	Ca SO <sub>4</sub>	68.07		
				Ca Cl <sub>2</sub>	55.50		
				Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		
				Mg SO <sub>4</sub>	60.19		
				Mg Cl <sub>2</sub>	47.62		
				Na HCO <sub>3</sub>	84.00		<u>16</u> <u>1,344</u>
				Na <sub>2</sub> SO <sub>4</sub>	71.03		<u>16</u> <u>1,136</u>
				Na Cl	58.46		<u>74</u> <u>4,326</u>

Saturation Values Distilled Water 20°C

Ca CO <sub>3</sub>	13 Mg/L
Ca SO <sub>4</sub> • 2H <sub>2</sub> O	2,090 Mg/L
Mg CO <sub>3</sub>	103 Mg/L

REMARKS \_\_\_\_\_

Respectfully submitted  
**PETROLITE CORP.**

DRILLING WELL PROGNOSIS

WELL NAME 2-27B5  
 TYPE WELL S.W.D.  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) SE 1/4 Section 27, T2S, R5W

EST. G.L. ELEVATION 5860 PROJECTED TD 4200 OBJECTIVE Duchesne River-Uinta

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
12 1/4"	9-5/8" 36# K-55 STC			300' or 50' thru boulders, whichever is deeper	SAMPLES: None
8-3/4"	7" 23" K-55 STC	DIL SONIC GR	1°/1000	TD 4200'	CORES: None  DST'S:  DEVIATION CONTROL 1°/1000  CEMENT 9-5/8": Circ to surface 7": To surface  MUD Drill with water, add lime as required to flocculate solids. Mud up after TD to run logs and casing.

EXHIBIT "C"

ORIGINATOR: DMN DATE 9/5/74

ENGINEERING APPROVAL:

PETROLEUM: [Signature]  
 OPERATIONS: [Signature] JSM 9/5/74

OPERATIONS APPROVAL:

[Signature]  
 DIV. DRILLING SUPT.

# ANR

**ANR Production Company**  
a subsidiary of The Coastal Corporation

012712

**RECEIVED**  
JAN 25 1988

DIVISION OF  
OIL, GAS & MINING

January 19, 1988

Natural Resources  
Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

*Roger W. Sparks*  
Roger W. Sparks  
Manager, Crude Revenue Accounting

*The computer shows the ANR Limited wells listed under account no. N0235.  
DTS  
1-26-88*

CC: AWS

CTE:mmw

Lisha,

*I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**APPROVED**  
JUL 8 1988

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER SWD Well		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 551' FSL & 2556' FEL (SW SE)		8. FARM OR LEASE NAME LDS Church
14. PERMIT NO. 43-013-30340	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5860' GL 5887' KB	9. WELL NO. 2-27B5 SWD
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 27, T2S-R5W
		12. COUNTY OR PARISH Duchesne
		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 type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Step Rate Test <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.)\*

ANR Production Company proposes to perform a step rate test on subject well to determine fracture gradient to establish maximum injection pressure. Procedure will be as follows:

- 1.) MIRU Dowell.
- 2.) Establish injection rate @ 1000 psi. Increase rate in 100 psi increments holding pressure and rate constant for 10 minutes. All pressures and rates will be recorded and then plotted to determine break down or fracture pressure.
- 3.) Rig down and return well to a normal disposal function.

**\* APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 7-11-88  
BY: [Signature]

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE July 6, 1988

(This space for Federal or State office use)

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

\* Attached conditions of approval

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Conditions for injection well step-rate test approval:

- 1) Notify the DOGM office prior to commencing operations to allow witnessing of the test.
- 2) Steps must be of equal time length.
- 3) Either rate or pressure must be held constant during each time step.
- 4) Test should include a minimum of 4 data points below the parting pressure and a minimum of 3 data points above the parting pressure.

<sup>25 4w 3</sup>  
 43-013-30048 WSTC 1525 PA (1-03B4) ✓  
<sup>25 3w 4</sup>  
 43-013-30337 UNTA 99996 SDW #2-4B3 ✓  
<sup>25 5w 27</sup>  
 43-013-30340 UNTA 99996 SDW #2-27B5 ✓  
<sup>1s 4w 29</sup>  
 43-013-30276 WSTC 1831 PA 1-29A4 ✓  
<sup>25 2w 13</sup>  
 43-013-30366 WSTC 1905 ~~POW~~ 1-13B2 ✓  
<sup>1s 3w 25</sup>  
 43-013-30370 WSTC 1920 ~~POW~~ 1-25A3 ✓ (Cont.)  
<sup>25 4w 23</sup>  
 43-013-30038 GR-WS 1970 TA 2-23B4 ✓  
<sup>25 4w 23</sup>  
 43-013-30038 GRU 1970 TA 1-23B4 ✓  
<sup>25 5w 18</sup>  
 43-013-30058 WSTC 99998 PPA 1-18B5 ✓  
<sup>1s 4w 27</sup>  
 43-013-30266 UNTA SDW 99996 1-27A4 ✓  
<sup>25 5w 11</sup>  
 43-013-30391 UNTA 99996 SDW 2-11B5 ✓  
<sup>25 3w 3</sup>  
 43-013-31193 Orl. 99999 2-3-B3 ✓  
<sup>25 4w 1</sup>  
 43-013-31197 Orl. — 2-1-B4 ✓  
<sup>1s 3w 22</sup>  
 43-013-30357 GRU 1885 POW 1-22A3 ✓  
<sup>25 2w 20</sup>  
 43-047-30186 GR-WS 1875 POW 1-20B2E ✓

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. Fee
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SWD Well		6. IF INDIAN ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR ANR Production Company		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476		8. FARM OR LEASE NAME LDS Church
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 551' FSL & 2556' FEL (SWSE) At proposed prod. zone Same as above		9. WELL NO. 2-27B5 SWD
14. API NO. 43-013-30340		10. FIELD AND POOL, OR WILDCAT Altamont
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5860' GL		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Section 27, T2S-R5W
12. COUNTY Duchesne		13. STATE Utah

13. 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 checked="" 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) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
APPROX. DATE WORK WILL START <u>1/20/91</u>		DATE OF COMPLETION _____	

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

Proposed Procedure: \* Must be accompanied by a cement verification report.

- 1) Soap soak wellbore. Shut well in for 24 hours. Flow back
- 2) Acidize well w/6,000 gallons 15% HCL + additives. Flow back acid load. Return well to production.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining  
Date: 12-31-90  
By: [Signature]

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE 12-19-90

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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

February 27, 1991

ANR Limited, Inc.  
P.O. Box 120  
Altamont, Utah 84001

Gentlemen:

Re: Pressure Test for Mechanical Integrity, #2-4B3 and #2-27B5 Wells, Sec. 4, 27, T, 2S, R. 3, 5W, Duchesne County, Utah

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R615-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing for the second five year period. Please make arrangements for testing during the week of March 18, 1991, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. If mechanical difficulties or workover operations make it impossible for the well to be tested on this date the test may be rescheduled.
3. Company personnel should meet DOGM representatives at the well site or other location as negotiated.

Page 2  
Pressure Test  
February 27, 1991

Please contact Mr. Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gil Hunt".

Gil Hunt  
UIC Program Manager

ldc  
WOI52/13-14

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

SUBMIT IN TRIPLICATE

RECEIVED

APR 19 1993

DIVISION OF  
OIL GAS & MINING  
(303) 573-4476

14-20-H62-1807  
6. If Indian, Allottee or Tribe Name  
Uintah & Ouray Tribes

7. If Unit or CA, Agreement Designation

N/A  
8. Well Name and No.

Ute #2-6B2

9. API Well No.  
43-013-31140

10. Field and Pool, or Exploratory Area  
Bluebell/Altamont

11. County or Parish, State

Duchesne County, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
ANR Production Company

3. Address and Telephone No.  
P. O. Box 749 Denver, CO 80201-0749

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
949' FNL & 1001' FWL (NW/NW)  
Section 6, T2S-R2W

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other NTL 2B; II Application
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

ANR Production Company hereby requests permission to dispose of produced water from the above referenced well under NTL-2B, II "Disposal in the Subsurface". The produced water from the Ute #2-6B2 flows into a steel tank equipped with a high level float switch which shuts the well in if the tank becomes overloaded. The produced water is then pumped into ANR's underground SWD facilities. These facilities consist of the following five State/EPA approved SWD wells:

LDS Church #2-27B5	Section 27, T2S-R5W	Duchesne County, UT
Shell #2-27A4	Section 27, T1S-R4W	Duchesne County, UT
Lakefork #2-23B4	Section 23, T2S-R4W	Duchesne County, UT
Ehrich #2-11B5	Section 11, T2S-R5W	Duchesne County, UT
Hanson #2-4B3	Section 4, T2S-R3W	Duchesne County, UT

RECEIVED

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 4-23-93

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

Signed Hileen Danni Doy  
(This space for Federal or State office use)

Title Regulatory Analyst

Date 4/15/93

Approved by Federal Approval of this  
Conditions of approval, if any: Action is Necessary

Title

Date

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-H62-1804
2. Name of Operator ANR Production Company	6. If Indian, Allottee or Tribe Name Ute Tribe
3. Address and Telephone No. P. O. Box 749   Denver, CO 80201-0749   (303) 573-4476	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1632' FNL & 660' FWL (SW/NW) Section 35, T1S-R3W	8. Well Name and No. Ute Tribal 3-35A3
	9. API Well No. 43-013-31365
	10. Field and Pool, or Exploratory Area Altamont/Bluebell
	11. County or Parish, State Duchesne County, UT

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>NTL-2B; II Application</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

ANR Production Company hereby requests permission to dispose of produced water from the above referenced well under NTL-2B, II "Disposal in the Subsurface". The produced water from the Ute Tribal #3-35A3 flows into a steel tank equipped with a high level float switch which shuts the well in if the tank becomes overloaded. The produced water is then pumped into ANR's underground SWD facilities. These facilities consist of the following five State/EPA approved SWD wells:

LDS Church #2-27B5	Section 27, T2S-R5W	Duchesne County, UT
Shell #2-27A4	Section 27, T1S-R4W	Duchesne County, UT
Lakefork #2-23B4	Section 23, T2S-R4W	Duchesne County, UT
Ehrich #2-11B5	Section 11, T2S-R5W	Duchesne County, UT
Hanson #2-4B3	Section 4, T2S-R3W	Duchesne County, UT

**RECEIVED**

APR 19 1993

DIVISION OF  
OIL, GAS AND MINING

Accepted by \_\_\_\_\_ State  
of Utah Division of  
Oil, Gas and Mining

Date: 4-23-93

By: [Signature]

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

Signed [Signature] Title Regulatory Analyst Date 4/15/93  
(This space for Federal or State office use)

Approved by Federal Approval of this Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any Action is Necessary

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

14-20-H62-1804

6. If Indian, Allottee or Tribe Name

Ute Tribal

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #2-35A3

9. API Well No.

43-013-31292

10. Field and Pool, or Exploratory Area

Bluebell

11. County or Parish, State

Duchesne County, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

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

660' FNL & 660' FEL (NE/NE)  
Section 35, T1S-R3W

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other NTL-2B; II Application

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

ANR Production Company hereby requests permission to dispose of produced water from the above referenced well under NTL-2B, II "Disposal in the Subsurface". The produced water from the Ute #2-35A3 flows into a steel tank equipped with a high level float switch which shuts the well in if the tank becomes overloaded. The produced water is then pumped into ANR's underground SWD facilities. These facilities consist of the following five State/EPA approved SWD wells:

LDS Church #2-27B5	Section 27, T2S-R5W	Duchesne County, UT
Shell #2-27A4	Section 27, T1S-R4W	Duchesne County, UT
Lakefork #2-23B4	Section 23, T2S-R4W	Duchesne County, UT
Ehrich #2-11B5	Section 11, T2S-R5W	Duchesne County, UT
Hanson #2-4B3	Section 4, T2S-R3W	Duchesne County, UT

**RECEIVED**

APR 19 1993

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

DIVISION OF  
OIL, GAS AND MINING

Date: 4-23-93

By: [Signature]

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

Signed [Signature]  
Federal Approval of this  
Action is Necessary

Title Regulatory Analyst

Date 4/15/93

Approved by \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

**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.

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

LDS Church #2-27B5 SWD

9. API Well Number:

43-013-30340

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well:

OIL  GAS  OTHER: SWD Well

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 551' FSL & 2556' FEL (SW/SE)

County: Duchesne

QQ, Sec., T., R., M.: Section 27, T2S-R4W SW

State: Utah

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

**NOTICE OF INTENT**

(Submit In Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                              | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                          | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                        | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize              | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Skimmed storage tanks |   |

Date of work completion 10/14/94

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

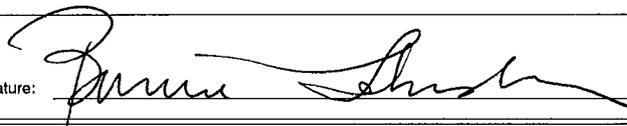
\* Must be accompanied by a cement verification report.

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

The operator skimmed approximately 300 bbls of iron sulfide and black water from disposal tanks and hauled to RNI disposal.

13.

Name & Signature:



Bonnie Johnston

Title: Environmental Analyst

Date: 10/17/94

(This space for State use only)

5. Lease Designation and Serial Number:  
See Attached

### 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.

6. If Indian, Allottee or Tribe Name:  
See Attached

7. Unit Agreement Name:  
See Attached

1. Type of Well:  
OIL  GAS  OTHER:

8. Well Name and Number:  
See Attached

2. Name of Operator:  
Coastal Oil & Gas Corporation

9. API Well Number:  
See Attached

3. Address and Telephone Number:  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

10. Field and Pool, or Wildcat:  
See Attached

4. Location of Well

Footages: See Attached  
QQ, Sec., T., R., M.: See Attached

County: See Attached  
State: Utah

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

##### NOTICE OF INTENT (Submit In Duplicate)

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

Approximate date work will start \_\_\_\_\_

##### SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Perforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

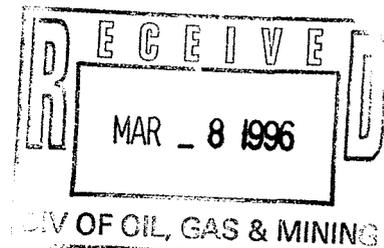
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

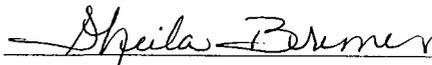
Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

  
Bonnie Carson, Sr. Environmental & Safety Analyst  
ANR Production Company



13.

Name & Signature:



Sheila Bremer  
Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL				
					Footages	Section, Township & Range	Field	County	
Ute 1-31A2	43-013-30401	14-20-H62-1801	1925 Ute	N/A	2246' FSL & 2270' FWL	NESW, 31-1S-2W	Bluebell	Duchesne	
Ute 1-32Z2	43-013-30379	14-20-H62-1702	1915 Ute	N/A	1484' FNL & 2554' FWL	SENE, 32-1N-2W	Bluebell	Duchesne	
Ute 1-36B6	43-013-30502	14-20-H62-2532	1940 Ute	N/A	1212' FSL & 487' FEL	SESE, 36-2S-6W	Altamont	Duchesne	
Ute 1-6B2	43-013-30349	14-20-H62-1807	1825 Ute	N/A	2052' FSL & 1865' FEL	NWSE, 6-2S-2W	Bluebell	Duchesne	
Ute 2-22B5	43-013-31122	14-20-H62-2509	10453 Ute	N/A	737' FSL & 1275' FWL	SWSW, 22-2S-5W	Altamont	Duchesne	
Ute 2-25A3	43-013-31343	14-20-H62-1802	11361 Ute	N/A	2183' FSL & 1342' FWL	NESW, 25-1S-3W	Bluebell	Duchesne	
Ute 2-26A3	43-013-31340	14-20-H62-1803	11349 Ute	N/A	700' FSL & 700' FWL	SWSW, 26-1S-3W	Bluebell	Duchesne	
Ute 2-27B6	43-013-31449	14-20-H62-4631	11220 Ute	N/A	1727' FNL & 1904' FEL	SWNE, 27-2S-6W	Altamont	Duchesne	
Ute 2-28B6	43-013-31434	14-20-H62-4622	11624 Ute	N/A	1945' FSL & 1533' FEL	NWSE, 28-2S-6W	Altamont	Duchesne	
Ute 2-31A2	43-013-31139	14-20-H62-1801	10458 Ute	N/A	1012' FNL & 1107' FEL	NENE, 31-1S-2W	Bluebell	Duchesne	
Ute 2-33B6	43-013-31445	14-20-H62-2493	11691 Ute	N/A	1796' FNL & 2541' FEL	SWNE, 33-2S-6W	Altamont	Duchesne	
Ute 2-35A3	43-013-31292	14-20-H62-1804	11222 Ute	N/A	660' FNL & 660' FEL	NENE, 35-1S-3W	Bluebell	Duchesne	
Ute 2-6B2	43-013-31140	14-20-H62-1807	11190 Ute	N/A	949' FNL & 1001' FWL	NWNW, 6-2S-2W	Bluebell	Duchesne	
Ute 3-35A3	43-013-31365	14-20-H62-1804	11454 Ute	N/A	1632' FNL & 660' FWL	SWNW, 35-1S-3W	Bluebell	Duchesne	
Ute Tribal 1-27B6	43-013-30517	14-20-H62-4631	11166 Ute	N/A	2312' FNL & 1058' FWL	SWNW, 27-2S-6W	Altamont	Duchesne	
Ute Tribal 1-28B6	43-013-30510	14-20-H62-4622	11165 Ute	N/A	860' FNL & 2381' FEL	NWNE, 28-2S-6W	Altamont	Duchesne	
Ute Tribal 1-33B6	43-013-30441	14-20-H62-2493	1230 Ute	N/A	350' FSL & 2400' FEL	SWSE, 33-2S-6W	Altamont	Duchesne	
Ute Tribal 1-35B6	43-013-30507	14-20-H62-4632	2335 Ute	N/A	1248' FEL & 1350' FSL	NESE, 35-2S-6W	Altamont	Duchesne	
<b>OIL/GAS WELLS PERMITTED - NOT DRILLED</b>									
Ute 1-16B6	43-013-31524	14-20-H62-4647	99999 Ute	N/A	2424' FNL & 1590' FEL	SWNE, 16-2S-6W	Altamont	Duchesne	
Ute 1-23B6	43-013-31446	14-20-H62-4614	99999 Ute	N/A	1894' FSL & 735' FWL	NWSW, 23-2S-6W	Altamont	Duchesne	
Ute 1-26B6	43-013-31447	14-20-H62-4614	99999 Ute	N/A	205' FNL & 2485' FWL	NENW, 26-2S-6W	Altamont	Duchesne	
Ute 2-26B6	43-013-31448	14-20-H62-4614	99999 Ute	N/A	663' FSL & 697' FWL	SWSW, 26-2S-6W	Altamont	Duchesne	
<b>SALT WATER DISPOSAL WELLS</b>									
Lake Fork 2-23B4 SWD	43-013-30038	Patented	1970	N/A	N/A	1985' FNL & 2131' FEL	SWNE, 23-2S-4W	Altamont	Duchesne
LDS Church 2-27B5 SWD	43-013-30340	Fee	99990	N/A	N/A	551' FSL & 2556' FEL	SWSE, 27-2S-4W	Altamont	Duchesne
Ehrich 2-11B5 SWD	43-013-30391	Fee	99990	N/A	N/A	1983' FSL & 1443' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Janson 2-4B3 SWD	43-013-30337	Fee	99990	N/A	N/A	641' FSL & 1988' FWL	SESW, 4-2S-3W	Altamont	Duchesne
Shell 2-27A4 SWD	43-013-30266	Fee	99990	N/A	96108	58' FSL & 1186' FWL	SWSW, 27-1S-4W	Altamont	Duchesne
Tew 1-9B5 SWD	43-013-30121	Patented	1675	N/A	N/A	2334' FNL & 1201' FEL	SENE, 9-2S-5W	Altamont	Duchesne

COASTAL

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: LDS Church #2-27B5 SWD  
Field or Unit name: Altamont API no. 43-013-30340  
Well location: QQ SWSE section 27 township 2S range 4W county Duchesne  
Effective Date of Transfer: 12/27/95

**CURRENT OPERATOR**

Transfer approved by:

Name Bonnie Carson Company ANR Production Company  
Signature *Bonnie Carson* Address P.O. Box 749  
Title Sr. Environmental & Safety Analyst Denver, CO 80201-0749  
Date 3/7/96 Phone ( 303 ) 573-4476

Comments:

**NEW OPERATOR**

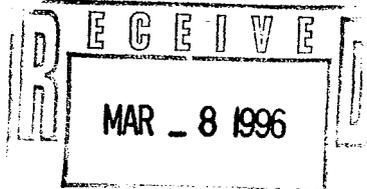
Transfer approved by:

Name Sheila Bremer Company Coastal Oil & Gas Corporation  
Signature *Sheila Bremer* Address P.O. Box 749  
Title Environmental & Safety Analyst Denver, CO 80201-0749  
Date 3/7/96 Phone ( 303 ) 573-4455

Comments:

(State use only)

Transfer approved by *[Signature]* Title *Environ. Manager*  
Approval Date *3-10-96*





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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 19, 1996

Coastal Oil & Gas Corp.  
P.O. Box 120  
Altamont, Utah 84001

Re: Pressure Test for Mechanical Integrity, LDS 2-27B5,  
Erich 2-11B5, Birch 2-35 and G. Hanson 2-4B3 Injection  
Wells, Duchesne County, Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing during the week of September 2, 1996 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.



Page 2  
Coastal Oil & Gas Corp.  
August 19, 1996

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Please contact Dan Jarvis at (801)538-5338 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gil Hunt".

Gil Hunt  
Environmental Manager, Oil & Gas

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

Routing: *GH*

1-LEC 7-53
2-DTS 8-FILE
3-VLD
4-RJL
5-LEC
6-FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)                       Designation of Agent  
 Designation of Operator                                       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator)	<u>COASTAL OIL &amp; GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
	<u>phone (303) 572-1121</u>		<u>phone (303) 572-1121</u>
	<u>account no. N 0230 (B)</u>		<u>account no. N0675</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30340</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- n/a* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- VA* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/ no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- 3. The former operator has requested a release of liability from their bond (yes/ no) \_\_\_\_ Today's date March 11, 1996. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_. *(Same Bond as Coastal)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- \_\_\_\_ 2. Copies of documents have been sent to State Lands for changes involving State Leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

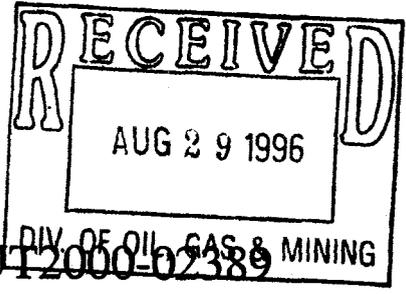
960311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.  
 C.A. & Indian lease wells will be handled on separate change.

960412 BLM/SL Aprv. C.A.'s 4-11-96.

960820 BIA Aprv. CA's 8-16-96.

960329 BIA Aprv. Indian Lease wells 3-26-96.

WE71/34-35 \*961107 Lemicy 2-5B2/43-013-30784 under review at this time; no dg. yet!



# Mechanical Integrity Test Casing or Annulus Pressure Test for Well UT2000-02389

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466  
This form was printed on 07/10/92.

EPA Witness: Chuck W. / John C. Date 7/14/92 Time 2:00 am/pm  
Test conducted by: Willies Hot Oil Service (Gordon Goodall)  
Others present: Rocky Mechem

LDS CHURCH #2-27B5 ✓ 43-013-30340, 2D AC as of 7/14/92  
ALTAMONT SESESW 27 02S 05W  
Indian? Yes, UINTAH-OURAY SW/SE Compliance staff: WILLIAMS  
COASTAL O&G  
ANR Production Corporation, Denver, CO Op ID ANR01  
Comment: 12/91 to enforcement. Late annual monitoring report.

Last MIT: \*No record\*\* / / \*

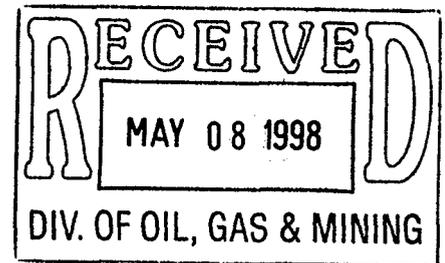
Time (minutes)	Test #1	Test #2	Test #3
0	<u>1050</u> psig	_____ psig	_____ psig
5	<u>1050</u>	_____	_____
10	<u>1050</u>	_____	_____
15	<u>1050</u>	_____	_____
20	<u>1040</u>	_____	_____
25	<u>1040</u>	_____	_____
30	<u>1040</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60	_____	_____	_____
Tubing pressure	<u>250</u> psig	_____ psig	_____ psig
Result (circle)	<u>Pass</u> Fail	Pass Fail	Pass Fail

See back of page for any additional comments and compliance followup.



**Coastal**  
The Energy People

May 6, 1998



Mechanical Integrity Tests  
Altamont/Bluebell Field  
Duchesne County, Utah

Mr. John Carson  
Environmental Protection Agency  
999 18th Street, Suite 500  
**Mail Code: 8ENF-T**  
Denver, Colorado 80202-2466

Dear Mr. Carson:

Attached please find the mechanical integrity tests for the following wells:

Lake Fork #2-23B4	43-013-30038
Hanson #2-4B3	43-013-30337
LDS Church #2-27B5	43-013-30340
Erich #2-11B5	43-013-30391

As you know, the Lake Fork #2-23B4 SWD was unable to maintain pressure during the mechanical integrity test. In order to check for any leaks, a pressure integrity was performed on the casing. There was 0# of pressure at the start of the casing pressure integrity test, pressure was increased to 1000#, and the pressure then decreased to 750# in 15 minutes. The pressure was then bleed off and the well was checked for flow -- no flow was detected. (Normal tubing injection pressure for this well is 900#.) As agreed upon in our conversation this afternoon, Coastal will monitor the casing annulus pressure on the Lake Fork #2-23B4 SWD on a daily basis for two weeks. The monitoring results will then be submitted to the EPA for review.

If you have any questions, please call me at (303) 573-4455.

Sincerely,

Sheila Bremer  
Environmental & Safety Analyst

Attachments

cc: Dan Jarvis - State of Utah  
Les Streeb  
Bill McGaughey

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303 572-1121

# Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, Well Implementation Section, EWM-DW  
899 33rd Street, Suite 500, Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date 5/5/98 Time 12:10 am (E)  
Test conducted by: HAL BLANCHARD  
Others present: \_\_\_\_\_

Well: LOS CHURCH 2-27 B5 Well ID: \_\_\_\_\_  
Field: ALTAMONT Company: COASTAL  
Well Location: SW/SE Sec. 27 Address: ALTAMONT UT.  
T 2 S - R 4 W

TIME	TEST #1	TEST #2	TEST #3
0 min	<u>1000</u> psig	_____ psig	_____ psig
5	<u>1000</u>	_____	_____
10	<u>1000</u>	_____	_____
15	<u>1000</u>	_____	_____
20	<u>1000</u>	_____	_____
25	<u>1000</u>	_____	_____
30 min	<u>1000</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Rubing press	<u>300</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail      Pass Fail      Pass Fail

Signature of EPA Witness: \_\_\_\_\_  
See back of page for any additional comments & compliance followup.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
7. UNIT or CA AGREEMENT NAME:  
8. WELL NAME and NUMBER:  
Exhibit "A"  
9. API NUMBER:  
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL  
FOOTAGES AT SURFACE:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

COUNTY:  
STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (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"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<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 checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<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.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation  
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President  
SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company  
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President  
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



**EXHIBIT "A"**

**NAME CHANGE FROM COASTAL OIL & GAS CORPORATION TO EL PASO PRODUCTION OIL & GAS COMPANY**

<b>API Well No.</b>	<b>Well Name</b>	<b>Well Status</b>	<b>Well Type</b>	<b>Location(T-R)</b>	<b>Section</b>
43-013-30361-00-00	ALLRED 2-16A3	Active Well	Water Disposal	1S-3W	16
43-013-30370-00-00	UTE TRIBAL 1-25A3	Producing Well	Oil Well	1S-3W	25
43-013-30362-00-00	BIRCH 2-35A5	Active Well	Water Disposal	1S-5W	35
43-013-30337-00-00	G HANSON 2-4B3 SWD	Active Well	Water Disposal	2S-3W	4
43-013-30038-00-00	LAKE FORK 2-23B4	Active Well	Water Disposal	2S-4W	23
43-013-30371-00-00	LINDSAY RUSSELL 2-32B4	Active Well	Water Disposal	2S-4W	32
43-013-30121-00-00	TEW 1-9B5	Active Well	Water Disposal	2S-5W	9
43-013-30391-00-00	EHRICH 2-11B5	Active Well	Water Disposal	2S-5W	11
43-013-30340-00-00	LDS CHURCH 2-27B5	Active Well	Water Disposal	2S-5W	27
43-013-30289-00-00	RHOADES MOON 1-36B5	Shut_In	Oil Well	2S-5W	36
43-013-30056-00-00	UTE 1-14C6	Active Well	Water Disposal	3S-6W	14
43-047-33597-00-00	NBU SWD 2-16	Spudded (Drilling commenced: Not yet completed)	Water Disposal	10S-21E	16
43-047-32344-00-00	NBU 205	Shut_In	Gas Well	10S-22E	9
43-047-15880-00-00	SOUTHMAN CANYON U 3	Active Well	Water Disposal	10S-23E	15
43-047-31822-00-00	UTE 26-1		Water Disposal	4S-1E	26
43-047-32784-00-00	STIRRUP STATE 32-6	Active Well	Water Injection	6S-21E	32
43-047-30359-00-00	NBU 21-20B	Active Well	Water Disposal	9S-20E	20
43-047-33449-00-00	OURAY SWD 1	Approved permit (APD); not yet spudded	Water Disposal	9S-21E	1
43-047-31996-00-00	NBU 159	Active Well	Water Disposal	9S-21E	35

**RECEIVED**

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

**RECEIVED**

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

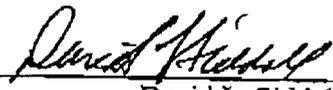
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

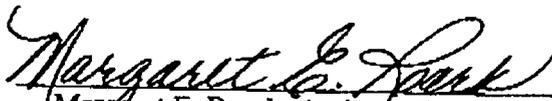
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "COASTAL OIL & GAS CORPORATION", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME TO "EL PASO PRODUCTION OIL & GAS COMPANY", THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8320

AUTHENTICATION: 1103213

010202983

DATE: 04-27-01

**EL PASO PRODUCTION OIL & GAS COMPANY**

**CERTIFICATE OF INCUMBENCY**

I, Margaret E. Roark, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of EL PASO PRODUCTION OIL & GAS COMPANY, a Delaware corporation (the "Company"), and that, as such, have the custody of the corporate records and seal of said Company; and

I do hereby further certify that the persons listed on the attached Exhibit A have been elected, qualified and are now acting in the capacities indicated, as of the date of this Certificate.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of El Paso Production Oil & Gas Company this 18th day of April 2001.

  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS ✓
2. CDW		5-LR ✓ 6/12
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM:</b> (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO:</b> ( New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ALLRED 2-16A3	43-013-30361	99996	16-01S-03W	FEE	WD	A
BIRCH 2-35A5	43-013-30362	99996	35-01S-05W	FEE	WD	A
G HANSON 2-4B3 SWD	43-013-30337	99990	04-02S-03W	FEE	WD	A
LAKE FORK 2-23B4	43-013-30038	1970	23-02S-04W	FEE	WD	A
LINDSAY RUSSELL 2-32B4	43-013-30371	99996	32-02S-04W	FEE	WD	A
TEW 1-9B5	43-013-30121	1675	09-02S-05W	FEE	WD	A
EHRICH 2-11B5	43-013-30391	99990	11-02S-05W	FEE	WD	A
<b>LDS CHURCH 2-27B5</b>	43-013-30340	99990	27-02S-05W	FEE	WD	A
UTE 1-14C6	43-013-30056	12354	14-03S-06W	INDIAN	WD	A
SOUTHMAN CANYON U 3	43-047-15880	99990	15-10S-23E	FEDERAL	WD	A
STIRRUP STATE 32-6 (HORSESHOE BEND UNIT)	43-047-32784	12323	32-06S-21E	STATE	WIW	A
NBU 21-20B (NATURAL BUTTES UNIT)	43-047-30359	2900	20-09S-20E	FEDERAL	WD	A
NBU 159 (NATURAL BUTTES UNIT)	43-047-31996	2900	35-09S-21E	FEDERAL	WD	A

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
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: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in 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: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 06/21/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/21/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/21/2001

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE  
The Division sent response by letter on: N/A
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: COMPLETION OF OPERATOR CHANGE

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 7-26-01

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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INJECTION WELL - PRESSURE TEST

Well Name: LDS Church 2-27BS API Number: 43-013-30340  
 Qtr/Qtr: SW/SE Section: 27 Township: 2S Range: 5W  
 Company Name: EC PASO PRODUCTION CO  
 Lease: State \_\_\_\_\_ Fee \_\_\_\_\_ Federal \_\_\_\_\_ Indian \_\_\_\_\_  
 Inspector: ~~S-29-0~~ Dennis G. [Signature] Date: 5-29-03

Initial Conditions:

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

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1020</u>	<u>0</u>
5	<u>1020</u>	<u>0</u>
10	<u>1020</u>	<u>0</u>
15	<u>1020</u>	<u>0</u>
20	<u>1020</u>	<u>0</u>
25	<u>1020</u>	<u>0</u>
30	<u>1020</u>	<u>0</u>

Results: Pass Fail

Conditions After Test:

Tubing Pressure: 0 psi  
 Casing/Tubing Annulus Pressure: 1020 psi

COMMENTS: Start @ 10:00am

[Signature]  
 Operator Representative

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: LDS Church 2-27BS API Number: 43-013-30340  
 Qtr/Qtr: SW/SE Section: 27 Township: 25 Range: SW  
 Company Name: EC Paso Production Co  
 Lease: State Utah Fee 8 Federal \_\_\_\_\_ Indian \_\_\_\_\_  
 Inspector: Samuel D. [Signature] Date: 5-29-03

Initial Conditions:

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

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1020</u>	<u>0</u>
5	<u>1020</u>	<u>0</u>
10	<u>1020</u>	<u>0</u>
15	<u>1020</u>	<u>0</u>
20	<u>1020</u>	<u>0</u>
25	<u>1020</u>	<u>0</u>
30	<u>1020</u>	<u>0</u>

Results: Pass/Fail

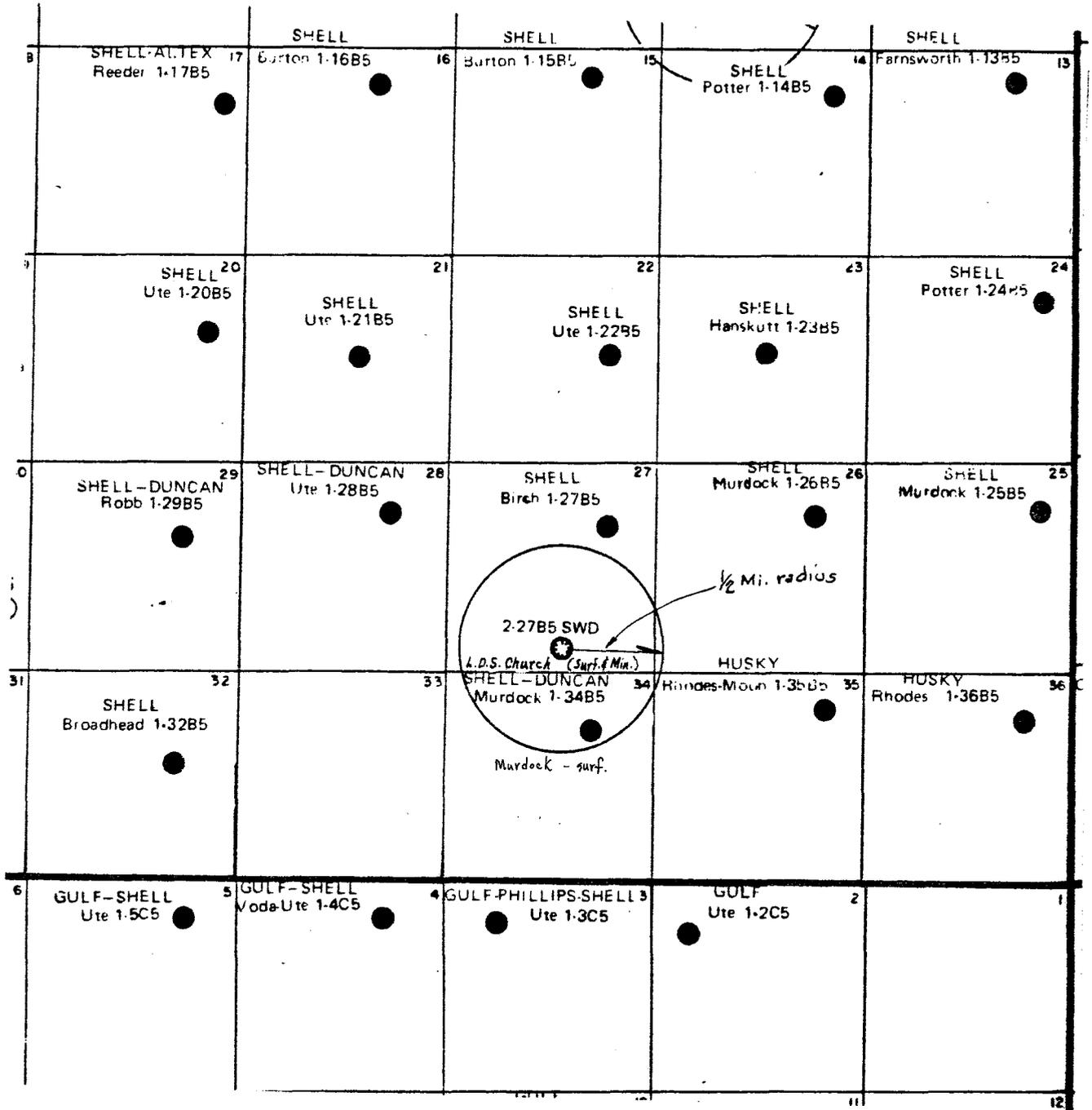
Conditions After Test:

Tubing Pressure: 0 psi  
 Casing/Tubing Annulus Pressure: 1020 psi

COMMENTS: Start @ 10:08 AM

[Signature]  
 Operator Representative

RECEIVED  
 MAY 29 2003  
 DIV. OF OIL, GAS & MINING



LOCATION PLAT  
SHELL SWD NO. 2-27B5

551' FSL & 2556' FEL  
SECTION 27, T2S-R5W  
DUCHESE COUNTY, UTAH

17<sup>th</sup> - 624' at 254  
95' 40' 5249  
74' 260' 10,136  
17<sup>th</sup> 1/2 mile 4200' at  
17<sup>th</sup> 1/4 mile 2000' (commented through vegetation zone)  
83' 1720' SW

2058-2556

5500  
3208  
2011

STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF  
Shell Oil Company  
 ADDRESS P. O. Box 576  
Houston, TX ZIP 77001  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE LDS Church 2-27B5 WELL  
 SEC. 27 TWP. 2S RANGE 5W  
Duchesne COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input checked="" type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input checked="" type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>LDS Church</u>	Well No. <u>2-27 B5</u>	Field <u>Altamont</u>	County <u>Duchesne</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW SE</u> Sec. <u>27</u> Twp. <u>2S</u> Rge. <u>5W</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>12-7-74</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1000'</u> +	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		State What <u>Saltwater</u>
Location of Injection Source(s) <u>Adjacent Shell Oil wells</u>	Geologic Name(s) <u>Green River - Wasatch</u> and Depth of Source(s) <u>12,000'</u> +		
Geologic Name of Injection Zone <u>Duchesne River - Uinta</u>	Depth of Injection Interval <u>2088'</u> to <u>2860'</u>		
a. Top of the Perforated Interval: <u>2088'</u>	b. Base of Fresh Water: <u>1000'</u>	c. Intervening Thickness (a minus b) <u>1088'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Interbedded sandstone, siltstone and shale</u>			
Injection Rates and Pressures Maximum <u>4,000</u> B/D <u>500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>This is an existing saltwater disposal well previously approved by the Board on 9-26-74.</u>			

State of Texas

S.M. Jobe  
Applicant

County of Tarrant

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

Suscribed and sworn to before me this 14<sup>th</sup> day of October, 1983

SEAL

My commission expires 9/20/85

[Signature]  
Notary Public in and for Tarrant County, Texas

(OVER)

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY  
LEASE NO.

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

API NO. \_\_\_\_\_  
640 Acres  
N

COUNTY Duchesne SEC. 27 TWP. 2S RGE. 5W

COMPANY OPERATING Shell Oil Company

OFFICE ADDRESS P. O. Box 576

TOWN Houston STATE ZIP TX 77001

FARM NAME LDS Church WELL NO. 2-27 B5

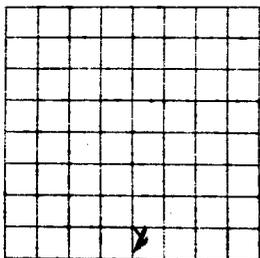
DRILLING STARTED 11-3-74 DRILLING FINISHED 11-19-74

DATE OF FIRST PRODUCTION - COMPLETED 1-4-75

WELL LOCATED SW 1/4 SW 1/4 SE 1/4

551 FT. FROM SL OF 1/4 SEC. & 83 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 5886' GROUND 5860'



Locate Well Correctly  
and Outline Lease

TYPE COMPLETION

Single Zone X Saltwater Disposal Well

Multiple Zone \_\_\_\_\_

Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
9-5/8"	40#	K-55	305		300		Surface
7"	23-29#	K-55	4205		2530		340'

TOTAL DEPTH 4205'

PACKERS SET  
DEPTH 7" pkr at 2000'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
Duch. Rv-Uinta			
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Disposal well		
PERFORATED	2088 to 2860'		
INTERVALS			
ACIDIZED?	6200 gal		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Date			
Oil, bbl./day			
Oil Gravity			
Gas, Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 713-870-3215 B.M. Jobe  
ADMINISTRATOR - PROD. ADMIN.  
Rocky Mt. D.C.V.  
SHELL OIL CO.  
Name and title of representative of company

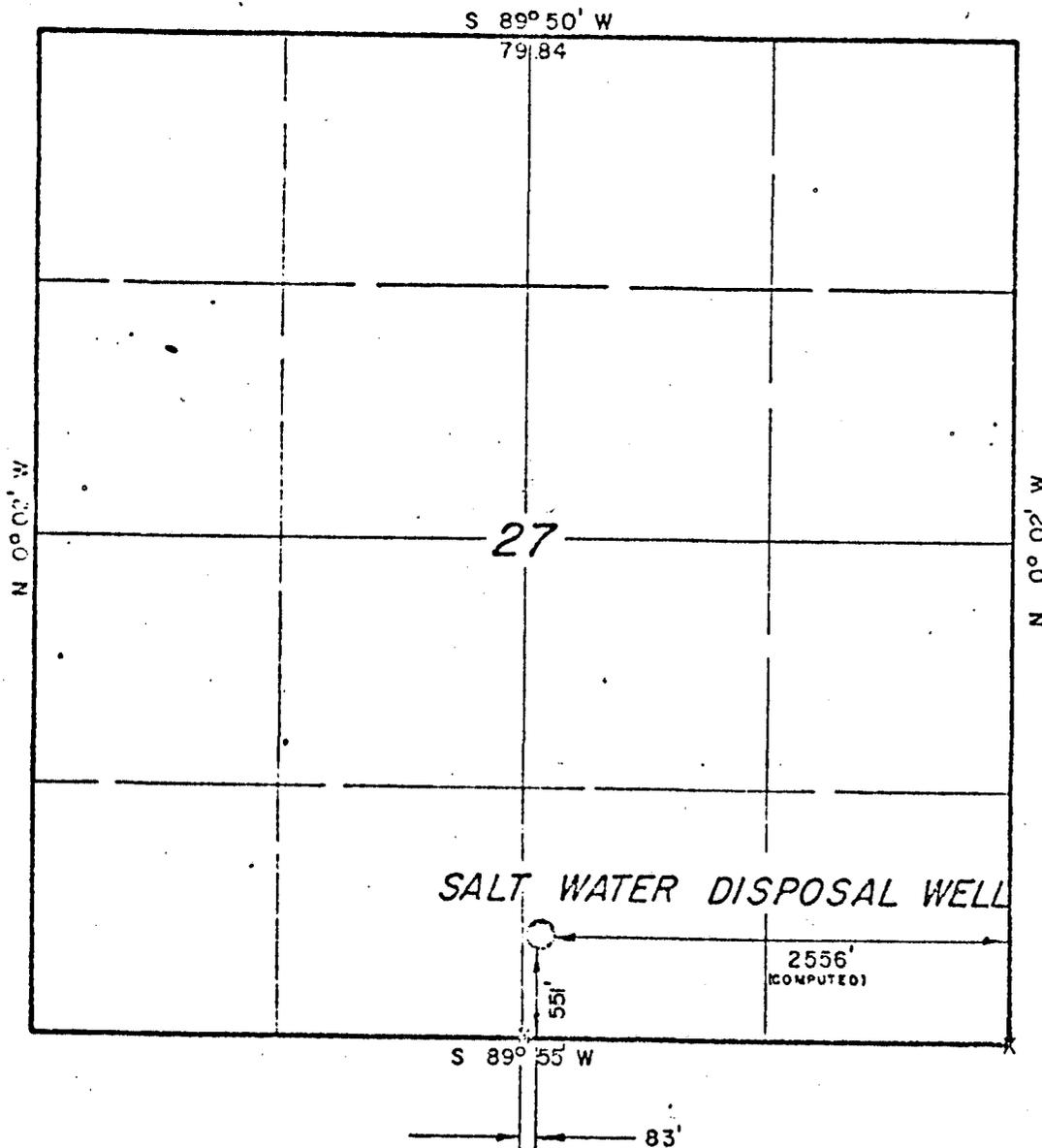
Subscribed and sworn before me this 14 day of Oct, 19 85

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

PROJECT

SHELL OIL COMPANY

Well location, located as shown in the SW 1/4 SE 1/4 Section 27, T2S, R5W, U.S.B. & M. Duchesne 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

*Robert D. ...*

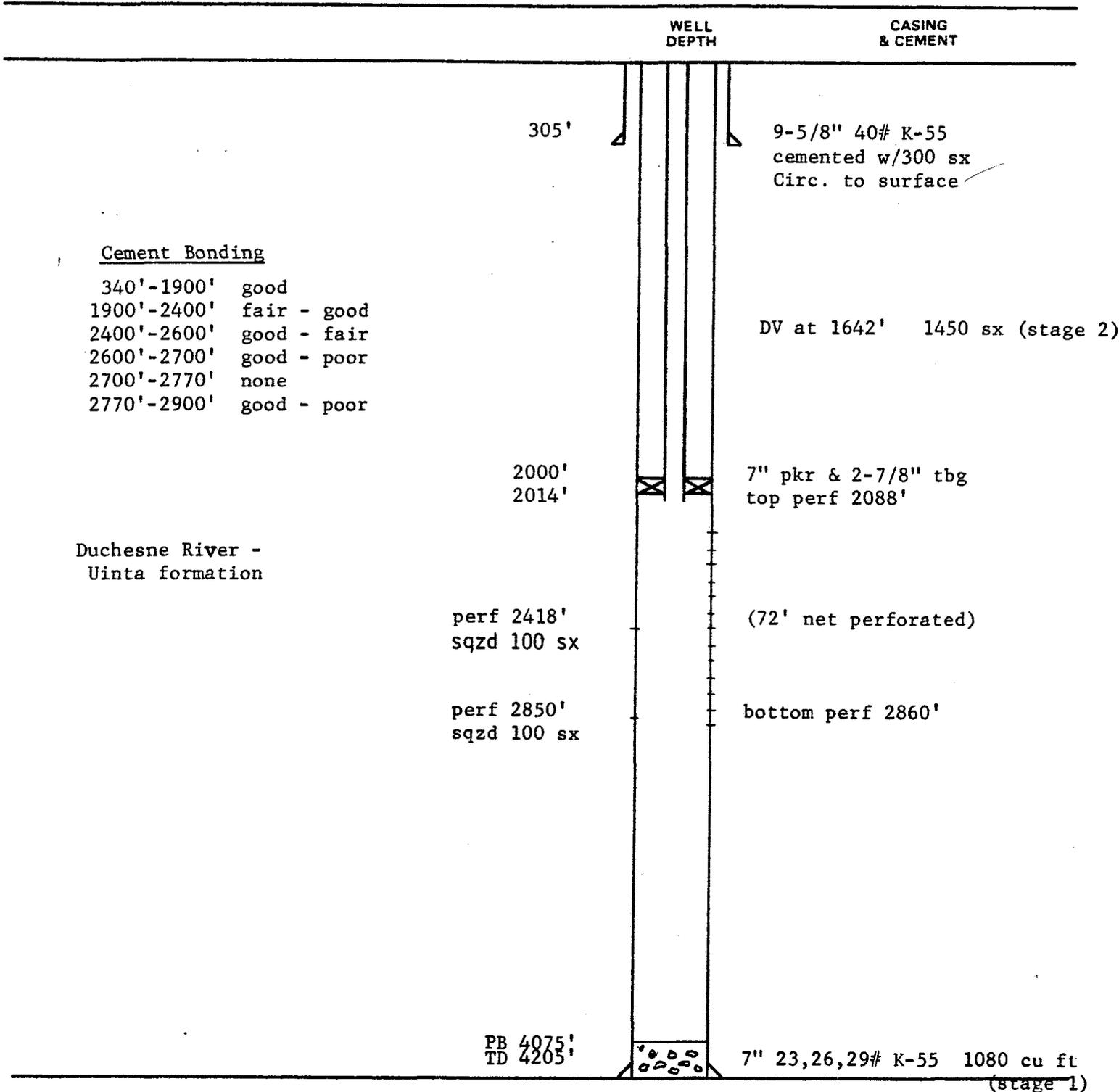
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 9/4/74
PARTY	REFERENCES GLO PLAT
WEATHER HOT	FILE SHELL OIL CO

WELL: LDS CHURCH 2-27B5 SWD

LOCATION: 551' FSL & 2556' FEL  
Section 27, T2S-R5W  
Duchesne County, Utah

FIELD: ALTAMONT



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

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X Operator Name Change**

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
<b>FROM: (Old Operator):</b> N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	<b>TO: ( New Operator):</b> N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
<b>CA No.</b>	<b>Unit:</b>

**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: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_
- (R649-9-2) Waste Management Plan has been received on: \_\_\_\_\_ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
- 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 not yet BIA not yet
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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: 7/14/2006

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved  
 The Division sent response by letter on: n/a

**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: 7/20/2006

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>MULTIPLE LEASES</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>SEE ATTACHED</b>
2. NAME OF OPERATOR: <b>EL PASO PRODUCTION OIL AND GAS COMPANY</b> <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113	PHONE NUMBER: (505) 344-9380	10. FIELD AND POOL, OR WILDCAT: <b>SEE ATTACHED</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		COUNTY: <b>UINTAH &amp; DUCHESNE</b>
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 checked="" 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: <u>CHANGE OF OPERATOR</u>
	<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.

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*  
1001 Louisiana  
Houston, TX 77002

*William M. Griffin*  
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) <u>CHERYL CAMERON</u>	TITLE <u>AUTHORIZED REGULATORY AGENT</u>
SIGNATURE <i>Cheryl Cameron</i>	DATE <u>6/20/2006</u>

(This space for State use only)

**APPROVED** 7/19/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED  
JUL 05 2006  
DIV. OF OIL, GAS & MINING

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number LDS CHURCH 2-27B5	API Number 4301330340
Location of Well Footage : 641' FSL, 1988' FWL County : DUCHESNE QQ, Section, Township, Range: SWSE 27 2S 5W State : UTAH	Field or Unit Name ALTAMONT/BLUEBELL Lease Designation and Number FEE

EFFECTIVE DATE OF TRANSFER: 6/30/2006

**CURRENT OPERATOR**

Company: <u>EL PASO PRODUCTION OIL &amp; GAS COMPANY</u>	Name: <u>CHERYL CAMERON</u>
Address: <u>1339 EL SEGUNDO AVE NE</u>	Signature: <u><i>Cheryl Cameron</i></u>
<u>city ALBUQUERQUE state NM zip 87113</u>	Title: <u>REGULATORY ANALYST</u>
Phone: <u>(505) 344-9380</u>	Date: <u>6/6/2006</u>
Comments:	

**NEW OPERATOR**

Company: <u>EL PASO E&amp;P COMPANY, L.P.</u>	Name: <u>CHERYL CAMERON</u>
Address: <u>1339 EL SEGUNDO AVE NE</u>	Signature: <u><i>Cheryl Cameron</i></u>
<u>city ALBUQUERQUE state NM zip 87113</u>	Title: <u>REGULATORY ANALYST</u>
Phone: <u>(505) 344-9380</u>	Date: <u>6/6/2006</u>
Comments:	

(This space for State use only)

Transfer approved by: *Don Finn*  
Title: *Regulator*

Approval Date: 7/14/06

Comments:

**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: <b>FEE</b>
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SWD WELL</u>			7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>EL PASO E&amp;P COMPANY, L.P.</b>			8. WELL NAME and NUMBER: <b>LDS CHURCH 2-27B5</b>
3. ADDRESS OF OPERATOR: <b>1099 18TH ST, STE 1900</b> CITY <b>DENVER</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 291-6400</b>	9. API NUMBER: <b>4301330340</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>551' FSL, 2556' FEL</b>			10. FIELD AND POOL, OR WILDCAT: <b>ALTAMONT</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSE 27 2S 5W</b>			COUNTY: <b>DUCHESNE</b>
			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: <u>2/23/2007</u>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>ER OVERFLOW PIT</u>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion:			

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

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NAME (PLEASE PRINT) <u>JENNIFER T. BECHTEL</u>	TITLE <u>ASSOCIATE ANALYST</u>
SIGNATURE	DATE <u>2/22/2007</u>

(This space for State use only)

**RECEIVED**

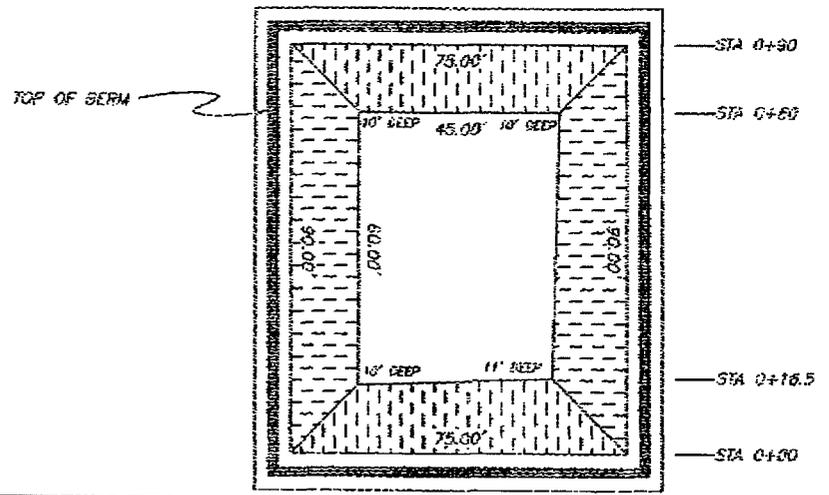
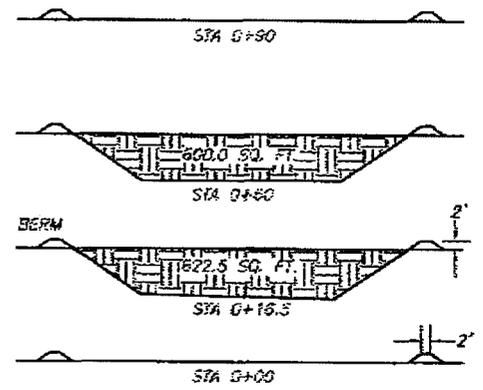
**MAR 01 2007**

DIV. OF OIL, GAS & MINING

SCOTT POPE 719 667 7893  
JENNIFER BECHTEL 303 291 6885

# EL PASO PRODUCTION COMPANY SOUTH COMPRESSOR STATION OVERFLOW PIT

SCALE  
1" = 30'



APPROXIMATE YARDAGES

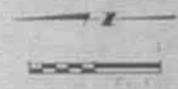
TOTAL CUT = 1692 CU. YDS.

**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS  
121 NORTH CENTER ST. - P.O. BOX 975  
Duchesne, Utah 84021  
(435) 738-3352

16 FEB 2007 01-126-017

FEB-16-2007 FRI 11:42 AM ELPASO PRODUCTION FAX NO. 435 454 3970 P. 02

SC-MW-20

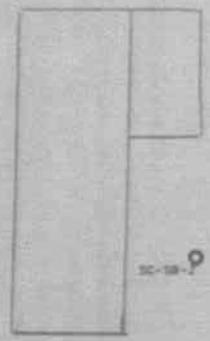


EXISTING SALT TANKS

GROUNDWATER EXTRACTION SYSTEM PIPELINE

OUTLINE OF NEW POND

SHED (10'x10')



SC-SB-3

SC-MW-17

PIPE VERT

PIPE CLEANOUT

SC-SB-2

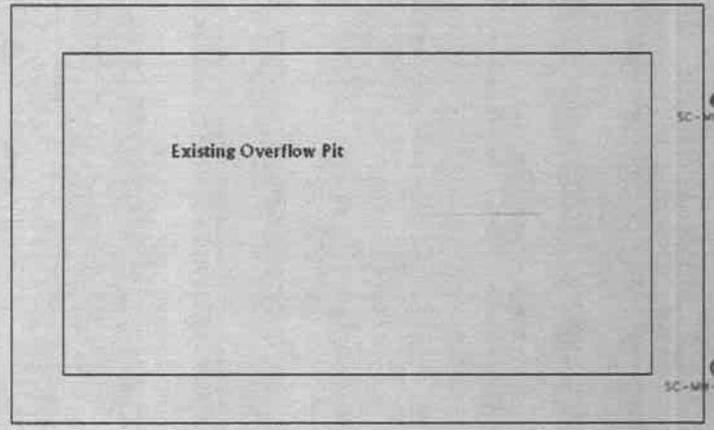


SC-MW-4

SC-SB-1

2-2785 SWD WELL

EXISTING INJECTION WELL



SC-MW-2

SC-MW-3

LEGEND

3" PROJECTED DEPTH OF EXCAVATION

EXISTING GAS PIPELINE

SC-MW-18

SC-MW-1

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

FORM 9

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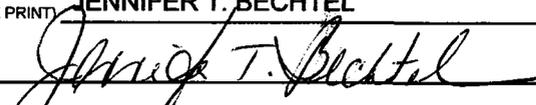
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NAME (PLEASE PRINT) <u>JENNIFER T. BECHTEL</u>	TITLE <u>ASSOCIATE ANALYST</u>
SIGNATURE 	DATE <u>2/22/2007</u>

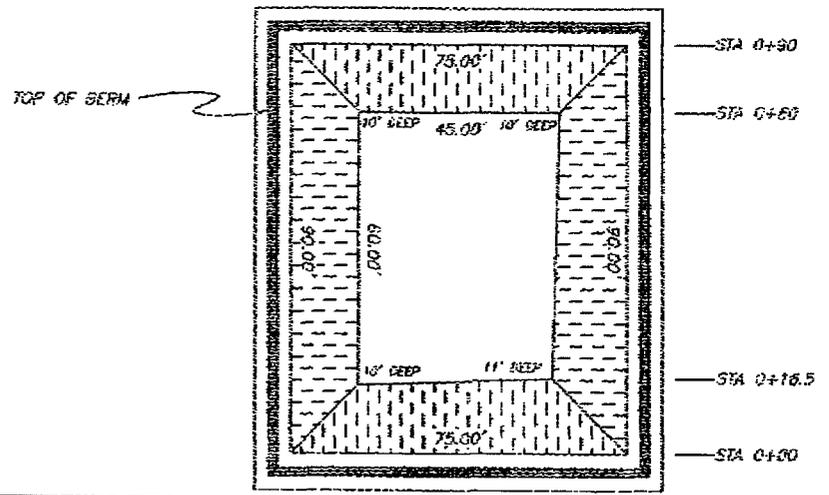
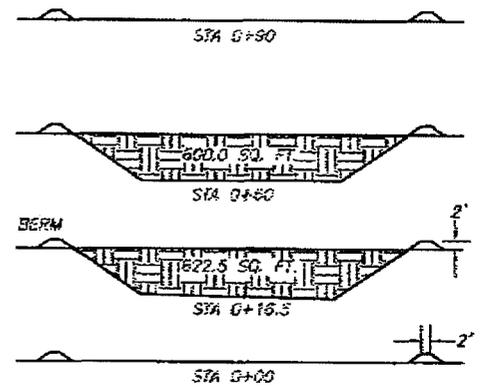
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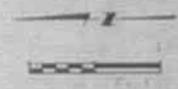
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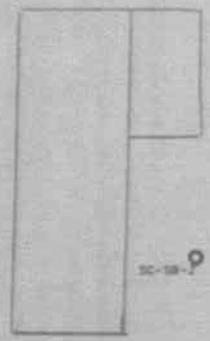


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OUTLINE OF NEW POND

SHED (10'x10')



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PIPE CLEANOUT

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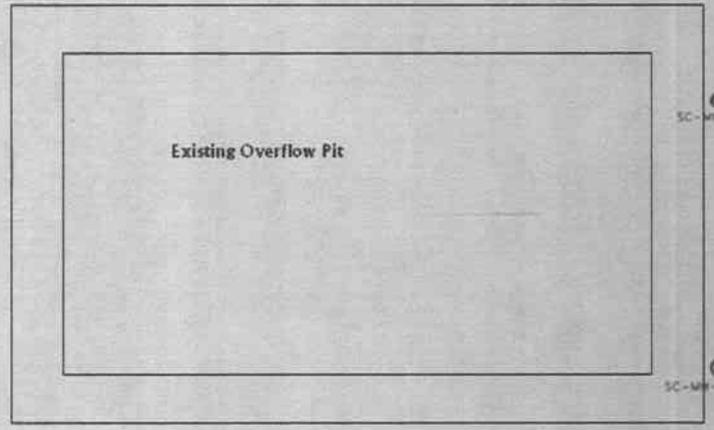


SC-MW-4

SC-SB-1

2-2785 SWD WELL

EXISTING INJECTION WELL



SC-MW-2

SC-MW-3

LEGEND

3" PROJECTED DEPTH OF EXCAVATION

EXISTING GAS PIPELINE

SC-MW-18

SC-MW-1



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

November 6, 2008

Brad Jensen  
El Paso E&P Company, LP  
P.O. Box 120  
Altamont, Utah 84001

43 013 303A0  
LDS Church 2-27135  
2S 5W 27

SUBJECT: Pressure Test for Mechanical Integrity, SWD wells located in Duchesne County, Utah

Dear Mr. Jensen:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. Please make arrangements to test the attached list of wells as soon as possible and ready the wells for testing as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the well(s) to be tested on the arranged date the test(s) may be rescheduled.



4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection well(s) must be shut-in 24 hours prior to testing.

Please contact Dennis Ingram at (435) 722-7584 or (435) 722-3417 to arrange a meeting time and place.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Jarvis". The signature is written in a cursive style with a large initial "D".

Dan Jarvis  
Field Operations Manager/UIC Geologist

DJ/js

cc: Dennis Ingram, Petroleum Specialist  
Well File

Wells Requiring Mechanical Integrity Testing

Rhoades Moon 1-36B5  
G Hansen 2-4B3  
LDS Church 2-27B5  
Ehrich 2-11B5

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

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

Operator Name Change/Merger

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

**6/1/2012**

**FROM:** (Old Operator):  
 N3065- El Paso E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002  
  
 Phone: 1 (713) 997-5038

**TO:** ( New Operator):  
 N3850- EP Energy E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002  
  
 Phone: 1 (713) 997-5038

**CA No.**

**Unit:**

**N/A**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**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: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- (R649-9-2)Waste Management Plan has been received on:          Yes
- Inspections of LA PA state/fee well sites complete on:          N/A
- Reports current for Production/Disposition & Sundries on:          6/25/2012
- 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          N/A          BIA          Not Received
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:          N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:          N/A
- Underground Injection Control ("UIC")** 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:          9/12/2012

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on:          9/24/2102
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on:          9/24/2012
- Bond information entered in RBDMS on:          9/24/2012
- Fee/State wells attached to bond in RBDMS on:          9/24/2012
- Injection Projects to new operator in RBDMS on:          9/24/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on:          N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number:          103601420
- Indian well(s) covered by Bond Number:          103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number          400JU0705
- The **FORMER** operator has requested a release of liability from their bond on:          N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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:          9/24/2012

**COMMENTS:**

Well Name	Sec	TWP	RNG	API Number	Enity Number	Lease	Well Tyoe	Well Status
UTE 1-14C6	14	030S	060W	4301330056	12354	Indian	WD	A
UTE TRIBAL 1-A	18	030S	060W	4301315122	99990	Fee	WD	A
LAKE FORK 2-23B4	23	020S	040W	4301330038	1970	Fee	WD	A
TEW 1-9B5	09	020S	050W	4301330121	1675	Fee	WD	A
RHOADES MOON 1-36B5	36	020S	050W	4301330289	4765	Fee	WD	A
G HANSON 2-4B3 SWD	04	020S	030W	4301330337	99990	Fee	WD	A
LDS CHURCH 2-27B5	27	020S	050W	4301330340	99990	Fee	WD	A
LINDSAY RUSSELL 2-32B4	32	020S	040W	4301330371	99996	Fee	WD	A
EHRICH 2-11B5	11	020S	050W	4301330391	99990	Fee	WD	A
LAWSON 1-21A1	21	010S	010W	4301330738	935	Fee	WI	A
DAVIS 1-33A1E	33	010S	010E	4304730384	805	Fee	WD	A
ALLRED 2-16A3	16	010S	030W	4301330361	99996	Fee	WD	I
BIRCH 2-35A5	35	010S	050W	4301330362	99996	Fee	WD	I

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

FORM 9

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2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: See Attached
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		10. FIELD AND POOL, OR WILDCAT: See Attached

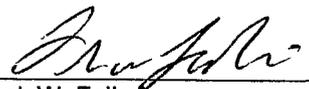
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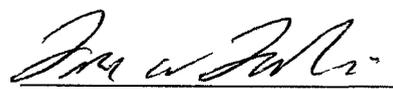
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	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

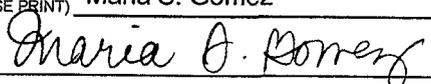
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

  
Frank W. Falleri  
Vice President  
El Paso E&P Company, L.P.

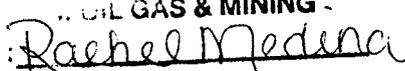
  
Frank W. Falleri  
Sr. Vice President  
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE 	DATE <u>6/22/2012</u>

(This space for State use only)

**APPROVED**

SEP 24 2012

OIL GAS & MINING -  


**RECEIVED**

JUN 25 2012

DIV OF OIL GAS & MINING

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number LDS Church 2-27B5	API Number 4301330340
Location of Well Footage : 641' FSL & 1988' FWL County : Duchesne QQ, Section, Township, Range: SWSE 27 2S 5W State : UTAH	Field or Unit Name Altamont/Bluebell Lease Designation and Number Fee

EFFECTIVE DATE OF TRANSFER: 6/1/2012

**CURRENT OPERATOR**

Company: <u>El Paso E&amp;P Company, L.P.</u>	Name: <u>Maria S. Gomez</u>
Address: <u>1001 Louisiana</u>	Signature: <u><i>Maria S. Gomez</i></u>
<u>city Houston state TX zip 77002</u>	Title: <u>Principal Regulatory Analyst</u>
Phone: <u>(713) 997-5038</u>	Date: <u>9/11/2012</u>
Comments:	

**NEW OPERATOR**

Company: <u>EP Energy E&amp;P Company, L.P.</u>	Name: <u>Maria S. Gomez</u>
Address: <u>1001 Louisiana</u>	Signature: <u><i>Maria S. Gomez</i></u>
<u>city Houston state TX zip 77002</u>	Title: <u>Principal Regulatory Analyst</u>
Phone: <u>(713) 997-5038</u>	Date: <u>9/11/2012</u>
Comments:	

(This space for State use only)

Transfer approved by: *[Signature]*  
Title: *UIC Geologist*

Comments:

Approval Date: *9/19/2012*

RECEIVED  
SEP 12 2012  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Water Disposal Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: LDS CHURCH 2-27B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0551 FSL 2556 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 27 Township: 02.0S Range: 05.0W Meridian: U	9. API NUMBER: 43013303400000
5. PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/18/2013	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

RU Wireline, Run Gauge Ring & Spinner Survey. Shoot additional perforations in the existing perforated intervals from 2,088' – 2,561' and 2,817' – 2,860'. Add new perforations between 2,562' – 2,816' (no more than 100 holes). Acidize all perforations with 10,000 gals of 15% HCL. RU Wireline and run spinner survey. Clean location and resume injection.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** July 18, 2013

**By:** *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/18/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: LDS CHURCH 2-27B5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013303400000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0551 FSL 2556 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 27 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>6/17/2015</b>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP plans to acidize with 5000 gals 15% HCL acid.

**Approved by the**  
**June 16, 2015**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_

By: Dark Duff

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 6/16/2015	