

Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SWD Well		7. UNIT AGREEMENT NAME Carson Unit	
2. NAME OF OPERATOR Shell Oil Company (Rocky Mountain Division Production)		8. FARM OR LEASE NAME Carson Unit	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		9. WELL NO. 24-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 454' FNL and 2074' FEL Sec 24		10. FIELD AND POOL, OR WILDCAT Bisti	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24-T 25N-R 12W	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6434.9' KB		
	12. COUNTY OR PARISH San Juan	13. STATE New Mexico	

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

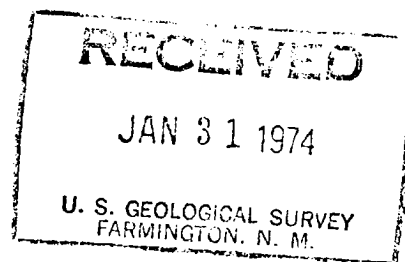
<p><b>NOTICE OF INTENTION TO:</b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>TEST WATER SHUT-OFF <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>FRACTURE TREAT <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>REPAIR WELL <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>(Other) <input style="width: 40px; height: 20px;" type="checkbox"/></p> </td> <td style="width: 50%; vertical-align: top;"> <p>PULL OR ALTER CASING <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>MULTIPLE COMPLETE <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>ABANDON* <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>CHANGE PLANS <input style="width: 40px; height: 20px;" type="checkbox"/></p> </td> </tr> </table>		<p>TEST WATER SHUT-OFF <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>FRACTURE TREAT <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>REPAIR WELL <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>(Other) <input style="width: 40px; height: 20px;" type="checkbox"/></p>	<p>PULL OR ALTER CASING <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>MULTIPLE COMPLETE <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>ABANDON* <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>CHANGE PLANS <input style="width: 40px; height: 20px;" type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>WATER SHUT-OFF <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>FRACTURE TREATMENT <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>(Other) <input style="width: 40px; height: 20px;" type="checkbox"/></p> </td> <td style="width: 50%; vertical-align: top;"> <p>REPAIRING WELL <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>ALTERING CASING <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>ABANDONMENT* <input style="width: 40px; height: 20px;" type="checkbox"/></p> </td> </tr> </table> <p style="text-align: center; font-weight: bold; margin-top: 10px;">Conversion to SWD Well from WSW</p> <p>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>		<p>WATER SHUT-OFF <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>FRACTURE TREATMENT <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>(Other) <input style="width: 40px; height: 20px;" type="checkbox"/></p>	<p>REPAIRING WELL <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>ALTERING CASING <input style="width: 40px; height: 20px;" type="checkbox"/></p> <p>ABANDONMENT* <input style="width: 40px; height: 20px;" type="checkbox"/></p>
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**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.) \*

As per attached report  
w/copy of State application

Please forward two approved copies to:

✓ Oil and Gas Conservation Commission w/ attachments  
1000 Rio Brazos Road  
Aztec, New Mexico 87410  
Attention Mr. E. C. Arnold, Supvr. & Oil and Gas Inspector



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

SIGNED W. J. Sigel by J. S. Krize TITLE Division Operations Engr. DATE 1-10-74

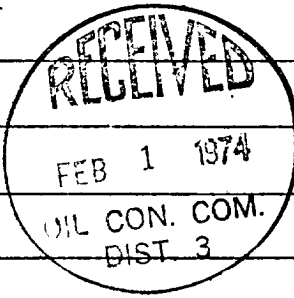
(This space for Federal or State office use)

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

**\*See Instructions on Reverse Side**

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR <b>Shell Oil Company Rocky Mountain Division Prod. Dept.</b>		ADDRESS <b>1700 Broadway, Denver, Colorado 80202</b>	
LEASE NAME <b>Carson Unit</b>	WELL NO. <b>24-1</b>	FIELD <b>Bisti</b>	COUNTY <b>San Juan</b>
LOCATION UNIT LETTER <b>A</b> ; WELL IS LOCATED <b>454</b> FEET FROM THE <b>north</b> LINE AND <b>2074</b> FEET FROM THE <b>east</b> LINE, SECTION <b>24</b> TOWNSHIP <b>25N</b> RANGE <b>12W</b> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13 3/8"	70'	70	Circulated	
INTERMEDIATE	8 5/8"	2835'	750	1100'	Temp. Survey
<del>EXISTING</del> Slotted liner	6 5/8"	3815'	None Gravel Packed		
TUBING Proposed	2 7/8"	2500'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model AB-1 2500'		
NAME OF PROPOSED INJECTION FORMATION <b>Allison-Monofee and Point Lookout</b>			TOP OF FORMATION <b>2076'</b>		BOTTOM OF FORMATION <b>3815'</b>
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tubing</b>		PERFORATIONS OF OPEN HOLE? <b>Gravel Packed Slotted Liner</b>		PROPOSED INTERVAL(S) OF INJECTION <b>2835-3815'</b>	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Water Source Well</b>			HAS WELL EVER BEEN PERFORMED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>NO</b>
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH <b>None</b>					
DEPTH OF BOTTOM OF DEEPEST SH WATER ZONE IN THIS AREA <b>300'</b>		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>None</b>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>4700'</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBL/S.) <b>600</b>	MINIMUM <b>600</b>	MAXIMUM <b>1000</b>	OPEN OR CLOSED TYPE SYSTEM <b>Closed</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>Pressure</b>	APPROX. PRESSURE (PSI) <b>600 psi</b>
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - <b>Yes</b>			WATER TO BE DISPOSED OF <b>Yes</b>	NATURAL WATER IN DISPOSAL ZONE <b>yes</b>	ARE WATER ANALYSES ATTACHED? <b>Yes</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>Federal Land - Lessee: Shell Oil Company</b>					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>Shell Oil Company</b>					
					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL		THE NEW MEXICO STATE ENGINEER	
<b>Lessee: Shell Oil Co.</b>		<b>Shell Oil Co.</b>		<b>Yes</b>	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		ELECTRICAL LOG		DIAGRAMMATIC SKETCH OF WELL	
<b>Yes</b>		<b>Yes</b>		<b>Yes</b>	

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Original Signed By

**K. E. JORDAN**

(Signature)

Division Operations Engineer

(Title)

September 29, 1972

(Date)

## CONVERSION FROM WTR SOURCE TO SWD WELL

(CARSON UNIT) BISTI FIELD

SHELL OIL COMPANY

LEASE

CARSON UNIT

WELL NO.

24-1

DIVISION

ROCKY MTN

ELEV

FROM: 12-14-72 - 8-29-73

COUNTY

SAN JUAN

STATE

NEW MEXICO

NEW MEXICOBISTI FIELD

Carson Unit 24-1

(Convert WSW to SWD well)

"FR" TD 3825. Injecting. Lease expense provides funds to convert water source well to salt water disposal well. On 12/5/72, MI&RU Farmington Well Service. Pulled tbg and elec pmpg eqmt on 12/6, laying down motor and pump. Ran 8-5/8" csg scraper on 3-1/2" tbg to 2600' - found csg clean. Pulled csg scraper and ran 8-5/8" AD-1 tension pkr to 2519'. Loaded annulus w/125 BW inhibited in accordance w/Oil Book Letter No. 1. Set pkr w/35,000# pull and SD for night. RD and released pulling unit on 12/8/72. Started inj on 12/9 w/510 psi - rate not established.. (Reports discontinued until inj rate established.) DEC 14 1972

Carson Unit 24-1

(Convert WSW to SWD well)

TD 3825. (RRD 12/14/72). CONVERSION OF WATER SOURCE WELL TO SALT WATER DISPOSAL WELL COMPLETE. On avg inj rate for July 1973, inj 601 B/D @ 590 psi into Point Lookout and Allison-Menefee formation through gravel packed bullnosed slotted liner 2809-3815. AUG 29 1973  
FINAL REPORT.

