

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. SF 078056
2. NAME OF OPERATOR Hixon Development Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2810	7. UNIT AGREEMENT NAME Central Bisti Lower Gallup
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FNL, 660' FWL, Section 8, T25N, R12W	8. FARM OR LEASE NAME Unit
14. PERMIT NO.	9. WELL NO. 63
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6280' GLE	10. FIELD AND POOL, OR WILDCAT Bisti Lower Gallup
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, T25N, R12W
	12. COUNTY OR PARISH San Juan
	13. STATE NM

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

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

It is proposed to resume injection in this well. The Lower Gallup perfs 4806'-16', 4839'-46', 4854'-62', 4872'-80' and 4888'-96' will be stimulated with 1000 gallons 15% HCl as required to maintain injection rate and pressure. Casing will be tested and repaired if required prior to injection. Well name will be changed to WI-63. Please find the supplemental information attached.

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

SIGNED <i>[Signature]</i>	TITLE Petroleum Engineer	DATE 11/15/82
(This space for Federal or State office use)		
APPROVED BY <i>[Signature]</i>	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY: JAE DEC 16 1982 U. S. GEOLOGICAL SURVEY DI. TR. ENG.	R-1414	

\*See Instructions on Reverse Side

NMOCC

WELL NAME CBU WELL No. 63

LOCATION 1980' FNL, 660' FWL SECTION 8 T 25N R 12W

CURRENT STATUS: \_\_\_\_\_

GLE 6280'

RBM \_\_\_\_\_

DF \_\_\_\_\_

### SURFACE CASING

Hole size: 12-1/4"

Casing: 8-5/8" 24# 8rd J-55

Casing set @ 329' with 200 sx

### FORMATION TOPS

Fruitland \_\_\_\_\_

Pictured Cliffs 1174'

Lewis \_\_\_\_\_

Cliffhouse \_\_\_\_\_

Menefee \_\_\_\_\_

Point Lookout 3620'

Mancos 3792'

Upper Gallup 4682'

Lower Gallup 4888'

CEMENT TOP 4110' (temp survey)

PERFORATIONS 4806'-16', 4839'-46'

4854'-62', 4872'-80'

4888'-96'

PBD 4915'

### PRODUCTION CASING

Hole size: 7-7/8"

Casing: 5-1/2" 14# 8rd J-55

Casing set @ 4949' with 200 sacks

TD 4950'

2-3/8" 4.7# J-55 8rd EUE tubing

Packer Corrosion Fluid

### WELL HISTORY

Spud date: 7-13-56

Original owner: Sunray Mid-Continent

IP 375 BOPD        BWPD       

GOR       

Completion treatment: \_\_\_\_\_

### CURRENT DATA

Pumping Unit \_\_\_\_\_

Tubing \_\_\_\_\_

Pump size \_\_\_\_\_

Rod string \_\_\_\_\_

Remarks \_\_\_\_\_

Hixon Development Company  
Central Bisti Lower Gallup Unit Well No. 63  
Supplemental Information

1. Name - CBU Well No. 63. (Well name to be changed to WI-63). Federal Minerals. Unit area. Refer to attached sundry notice.
2. There will be 600 BWPD of water injected into the Lower Gallup perforations 4806'-96'. Source of water is recycled Lower Gallup injection water. Water analysis is attached.
3. Water will be injected into the Unitized Lower Gallup sand. This well has a history of injection into the Lower Gallup from July 1959 to October 1963. From 1964 to the present it has been a producing Lower Gallup well. Because of declining bottom hole pressure in this Unit area the well will be returned to pressure maintenance. It is to be used for secondary recovery operations and not waste water disposal. The Lower Gallup sand is isolated by impermeable Mancos shale above and below. Injection water is confined to the Lower Gallup sand. Cement top is 4110' by temperature survey.
4. The injection Lower Gallup interval has oil, gas and previously injected water. The injected fluid is not reactive with the Lower Gallup sand.
5. Usable water in this wellbore is to the base of the Ojo Alamo about 90'. Attempts to drill a fresh water utility well in this area have proved the Ojo Alamo to be dry.
6. Refer to the attached wellbore diagram.
7. Refer to the attached wellbore diagram.
8. Refer to sundry notice and wellbore diagram. Anticipated injection pressure is 600 to 1000 psi. An amine-oxygen scavenger packer fluid will be placed in the tubing casing annulus above the packer to surface. Injection pressures will be held to less than fracture pressure.
9. The system is and will be monitored with continuous recording pressure charts and rate meters, taking of tubing and casing pressures, tracer surveys if required.

# san juan testing laboratory, inc.

907 WEST APACHE

P.O. BOX 2079

FARMINGTON, NEW MEXICO

PHONE

327-4966

Date June 10, 1977

Report to Hixon Development Company  
Requested by A. Kuchera, Mgr. Sampled by Hixon Personnel  
Project CBU #5 Location NW NW Sec. 6, T25N, R12W  
Source of Material Lower Gallup Produced Water

Lab No. 24509 Water Analysis for Petroleum Engineering

## TEST RESULTS

### WATER ANALYSIS FOR PETROLEUM ENGINEERING

#### Constituent

Total Solids 2263 ppm  
pH 7.25  
Resistivity 2.94 ohms/meter @70°F  
Conductivity 3,400 micromhos/cm @ 70°F

#### Constituents

<u>Cations</u>	<u>Meg/L</u>	<u>ppm</u>
Sodium	29.3	674
Calcium	2.3	45
Magnesium	0.5	6
Iron	neg.	3
Barium	0	0

#### Comments

Essentially this is a 0.2% sodium sulfate solution.

#### Anions

Chloride	4.1	145
Bicarbonate	4.0	244
Carbonate	0	0
Hydroxide	0	0
Sulfate	24.0	1150

Copies to Hixon Development Co. (3)  
P.O. Box 2810  
Farmington, New Mexico 87401

TEST NO. 22096

Certified by:

