

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SNOW OIL & GAS, INC.

3. Address and Telephone No.

P.O. BOX 1277 ANDREWS, TEXAS 79714 (915) 524-2371

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

1980' FSL & 1980' FWL, UNIT K, SEC. 10, T20S, R34E, LEA CO. NMPM

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

5. Lease Designation and Serial No.

NM 14799

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

UNION "A" FEDERAL

9. API Well No.

2

10. Field and Pool, or Exploratory Area

LEA (BONESPONG) OIL

11. County or Parish, State

LEA CO., NM

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 Refer to 3162.4 (067A)
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

See below

(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.)*

As per your request, here is the following information on the Union A Federal:

- (a) The name of the formation producing water is Delaware.
(b) It produces 150 BWPD.
(c) For current water analysis, see attached analysis.
(d) See attached diagram to see how water is stored on the lease.
(e) The water is trucked via commercial hauler.
(f) Current water operator is Spurlock Permian located in Hobbs, New Mexico.
Disposes to two sites: Maralo--operated ARCO St. #2, SW/4 SE/4, Sec. 16-18S-35E;
AA Oilfield Operated ST. "AB" #1, NE/4 NW/4, Sec. 3-19S-37E
(g) ARCO St. #2 permit number #312, ST. "AB" permit number is 223.

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

Signed

Title

Date

(This space for Federal or State office use)

(ORIG. SGD.) DAVID B. GLASS

Approved by

Title

Date

Conditions of approval, if any:

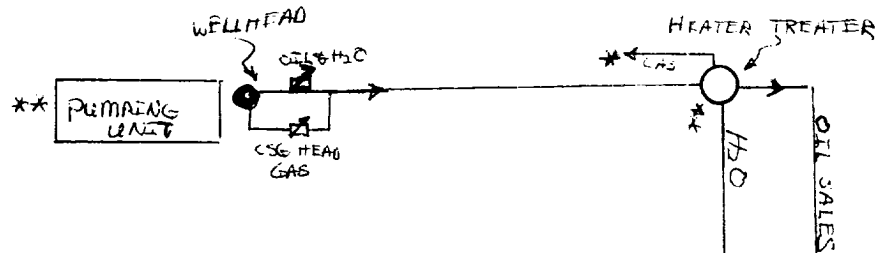
SEE ATTACHED

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.

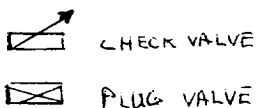
*See Instruction on Reverse Side

UNION "A" #2 PROD. FACL DIAGRAM

N



- I. 500 BBL FIBERGLASS CLOSED TOP
- II. 210 BBL FIBERGLASS OPEN TOP w/ BIRD NET
- III+IV 400 BBL STEEL WELDED OIL STORAGE



VALVE CONFIG.

- Ⓐ OIL LOAD LINE VALVE NORMAL CLOSED w/ SEAL ON
- Ⓑ VALVE OPEN OR CLOSED
- Ⓒ VALVE NORMAL OPEN
- Ⓓ VALVE LOAD WATER NORMAL CLOSED

* GAS FOR USE ON LEASE FOR FUEL

** FUEL USAGE POINTS (HEATER ASSN & GAS ENGINE)
PRIME MOVER AJAX

HALLIBURTON SERVICES

HOBBS, NEW MEXICO

To Snow Oil And Gas

Sample Number 001

This report is the property of Halliburton Company and neither the report nor a copy thereof is to be published or disclosed without securing the express written approval of laboratory management. It is, however, to be used in the course of regular business operations of the person or persons and employees thereof receiving such report. Halliburton Company.

Submitted by picked up by J. McCaig/Halliburton Date Received 01-03-92

Well No. see below Depth Formation

County Field Source

	<u>Union Fed. #2</u>	<u>#5</u>	
Resistivity.....	<u>0.052 @ 60°F</u>	<u>0.052 @ 60°F</u>	
Specific Gr.....	<u>1.170</u>	<u>1.175</u>	
pH.....	<u>6.2</u>	<u>6.5</u>	
Calcium*.....	<u>15900</u>	<u>13500</u>	
Ca			
Magnesium*.....	<u>9300</u>	<u>7950</u>	
Mg			
Chlorides*.....	<u>139500</u>	<u>139000</u>	
Cl			
Sulfates*.....	<u>light</u>	<u>light</u>	
SO ₄			
Bicarbonates*....	<u>134</u>	<u>207</u>	
HCO ₃			
Soluble Iron*....	<u>light</u>	<u>light</u>	
Fe			
Oil Gravity		<u>37.6 @ 60°F</u>	

Remarks: Following samples had no water:

*Milligrams per liter

Bottles marked #1 - Oil Gravity - 32.6 @ 60°F
 #2 - Oil Gravity - 33.4 @ 60°F
 #4 - Oil Gravity - 34.8 @ 60°F
 Powell - Oil Gravity - 37.2 @ 60°F

Respectfully submitted,

Analyst: *J. McCaig*

HALLIBURTON COMPANY

By

CHEMIST

NOTICE

THIS REPORT IS LIMITED TO THE DESCRIBED SAMPLE TESTED. ANY USER OF THIS REPORT AGREES THAT HALLIBURTON SHALL NOT BE LIABLE FOR