

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Jicarilla Contract #47**

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 checked="" type="checkbox"/> OTHER <input type="checkbox"/> |  | 2. NAME OF OPERATOR<br><b>John E. Schalk</b>                      | 3. ADDRESS OF OPERATOR<br><b>444 17th St.<br/>915 Midland Savings Bldg., Denver, Colorado 80202</b> | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>1650 PSL - 890 PSL</b> | 6. FIELD AND POOL, OR WILDCAT<br><b>Ballard Picture Cliff</b> | 7. SEC. T. R. S. M. OR B. L. AND<br>SHEVEY OR AREA<br><b>14 E-23-N, R-4-W</b> | 8. COUNTY OR PARISH<br><b>San Juan</b> | 9. STATE<br><b>New Mexico</b> |
| 14. PERMIT NO.                                                                                                   |  | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>7344 Gr.</b> |                                                                                                     |                                                                                                                                                                      |                                                               |                                                                               |                                        |                               |

16. 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) <input type="checkbox"/>             |                                               |

SUBSEQUENT REPORT OF:

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

(NOTE: Report results of multiple completion on Well Completion or Re-completing 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.)\*

**February 28, 1969**

**Perforated Pictured Cliffs Formation 2947' to 2948' with 4 jet shots/ft. 2951' to 2954 and 2957 to 2964' with 2 jet shots/ft. (24 holes).**

**March 1, 1969**

**250 gallons 10% MSA acid (acidic) spotted across perforations. 2947-2948, 2951-2954 and 2957-2964 to break down. Break down pressure 2200 psi. Sand water free with 41,000 gallons of water with 1.2 pounds FR-16 per 1000 gallons and 0.4 gallons Hovee Suda per 1000 gallons. 40,000 pounds 20/40 sand and flushed with 3500 gallons of water. Average injection rate 50 BPM at 1200 PSI using 1471 hydraulic horsepower. Injected 10 rubber balls halfway thru frac and 6 rubber balls three-fourths way thru frac.**

**Instantaneous shut-in pressure 400 psig.**

**15 minute shut-in pressure 300 psig.**

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

SIGNED

*Frederick H. Walsh*

P.E. TITLE

**President, Walsh Engineering &**

**Production Corporation**

DATE **March 7, 1969**

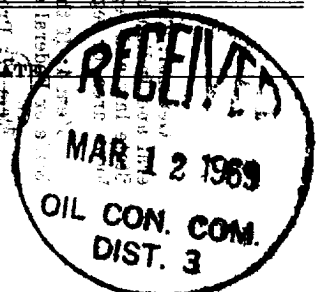
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

\*See Instructions on Reverse Side



Item 4. If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

U.S. GOVERNMENT PRINTING OFFICE: 1967  
O-683239  
96-351

156  
872  
Bh

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the situation.

Railway three times and 8 rubber balls three-  
times during 1971 hydraulic hosework. In  
with 300 gallons of water. Average length

1000 gallons per 1000 gallons.  
with 1 pound per 1000 gallons.  
and 1000 gallons per 1000 gallons.

[illegible][illegible]

(Check Appropriate Box To Indicate Method of Choice)

50505 Obsolete, 1964  
Plumage: 1964-1965

SEARCH, NOICES AND REPORTS ON WELLS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**H. J. -** *max.*