

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☒ Free ☐

5. State Oil & Gas Lease No.  
L-6518

7. Unit Agreement Name

8. Farm or Lease Name

Aztec State

9. Well No.  
2

10. Field and Pool, or Wildcat  
S. Loco Hills Q-Gb-S.A.

12. County  
Eddy

18. Elevations (DF, RKB, RT, GR, etc.)  
3451.0 GR.

19. Elev. Casinghead  
3452'

23. Intervals Drilled By  
Rotary Tools  
0-3485

Cable Tools  
0

25. Was Directional Survey Made  
Yes

27. Was Well Cored  
No

26. Type Electric and Other Logs Run  
Gamma Ray - Acoustic & Guard

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD            | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|-----------------------------|---------------|
| 8 5/8"      | 20#            | 335       | 11"       | 125 Sks. (Cir.)             | None          |
| 4 1/2"      | 9.5#           | 3485      | 7 7/8"    | 590 Sks. Class H w/ 5# Salt | None          |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 3/8" | 2990'     | None       |

31. Perforation Record (Interval, size and number)  
1868 to 2938 174 hole 1/2" Jet

See (103)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 1868-3178      | 100,000 gallons Frac          |
|                | 90,000 # 20/40 Sand           |
| 174-1/2" holes | 15,000 # 10/20 Sand           |
|                | 4000 gals. 15% Acid           |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) | Well Status (Prod. or Shut-in) |
|-----------------------|---------------------------------------------------------------------|--------------------------------|
| 8-5-1976              | Pump 2" X 1 1/2" X 10'                                              | Producing                      |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| 8-10-1976    | 24           |            |                         | 35         | 38.5      | 0            | 1100-1          |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
|                    | 40#             |                         | 35         | 38.5      | 0            | 36                        |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold to P. P. Co.

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

|                        |   |
|------------------------|---|
| NO. OF COPIES RECEIVED | 6 |
| DISTRIBUTION           |   |
| SANTA FE               | 1 |
| FILE                   | 1 |
| U.S.G.S.               | 2 |
| LAND OFFICE            | 1 |
| OPERATOR               |   |

Bureau of Mines

DECEMBER 1976

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ ARTESIA, OFFSHORE ☐ C. C.

b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator  
Gene A. Snow

3. Address of Operator  
606 S. 13th. St., Lovington, New Mexico, 88260

4. Location of Well

UNIT LETTER D LOCATED 990 FEET FROM THE West LINE AND 660 FEET FROM

THE North LINE OF SEC. 32 TWP. 18S RGE. 29E N40°W

15. Date Spudded  
5-11-76

16. Date T.D. Reached  
5-17-76

17. Date Compl. (Ready to Prod.)  
8-1-76

20. Total Depth  
3485'

21. Plug Back T.D.  
3010'

22. If Multiple Compl., How Many

24. Producing Interval(s), of this completion - Top, Bottom, Name  
1868-1876 Queen. 2304-2566 Grayburg. 2153-2190 Penrose. 2811-2988 San Andres

26. Type Electric and Other Logs Run  
Gamma Ray - Acoustic & Guard

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29. LINER RECORD

30. TUBING RECORD

31. Perforation Record (Interval, size and number)  
1868 to 2938 174 hole 1/2" Jet

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33. PRODUCTION

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
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36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Sam R. Snow

TITLE Operator

DATE 12-1-1976

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 36 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                                |                        |                             |                         |
|--------------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____ 275 _____        | T. Canyon _____        | T. Oja Alamo _____          | T. Penn. "E" _____      |
| T. Salt _____ 360 _____        | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____ 766 _____        | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____ 940 _____       | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____ 1250 _____   | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____ 1850 _____      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____ 2150 _____   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____ 2634 _____ | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____              | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____               | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinberry _____             | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____                  | T. Granite _____       | T. Todillo _____            | T. _____                |
| T. Drinkard _____              | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____                   | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____              | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____                 | T. _____               | T. Pennian _____            | T. _____                |
| T. Cisco (Bough C) _____       | T. _____               | T. Penn. "A" _____          | T. _____                |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation            | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------------|------|----|----------------------|-----------|
| 0    | 214  | 214                  | Sand, Caliche, Shale |      |    |                      |           |
| 275  | 360  | 85                   | Anhydrite            |      |    |                      |           |
| 360  | 766  | 406                  | Salt                 |      |    |                      |           |
| 766  | 945  | 179                  | Anhydrite            |      |    |                      |           |
| 945  | 1283 | 338                  | Lime-Red Shale       |      |    |                      |           |
| 1283 | 1840 | 557                  | Lime-Shale-Anhydrite |      |    |                      |           |
| 1840 | 1886 | 46                   | Red & Gray Sand      |      |    |                      |           |
| 1886 | 2150 | 248                  | Sand & Shale         |      |    |                      |           |
| 2150 | 2634 | 534                  | Sand & Lime          |      |    |                      |           |
| 2634 | 2840 | 156                  | White Lime           |      |    |                      |           |
| 2840 | 2906 | 66                   | Red Sand             |      |    |                      |           |
| 2906 | 3150 | 224                  | Dolomite             |      |    |                      |           |
| 3150 | 3435 | 335                  | Lime                 |      |    |                      |           |



KENNETH D. REYNOLDS - ARTESIA  
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201  
TELEPHONES: ARTESIA 505/746-6757  
ROSWELL 505/623-5070

May 19, 1976

RECEIVED

DEC 6 1976

O. C. C.  
ARTESIA, OFFICE

Gene A. Snow /  
606 S. 13th  
Lovington, New Mexico 88260

Re: Aztec State #2

Gentlemen:

The following is a Deviation Survey of the above well:

371' -  $\frac{1}{4}$   
850' -  $\frac{1}{2}$   
1320' -  $\frac{3}{4}$   
1621' - 1  
2100' - 1  
2616' -  $1\frac{1}{4}$   
3100' -  $1\frac{1}{4}$   
3485' -  $1\frac{1}{2}$

Yours very truly,

WEK DRILLING CO., INC.

*Arnold Newkirk*  
Arnold Newkirk

STATE OF NEW MEXICO )  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 19th  
day of May, 1976 by Arnold Newkirk.

*Barbara J. Barlow*  
Notary Public

My Commission Expires:

5-16-79