

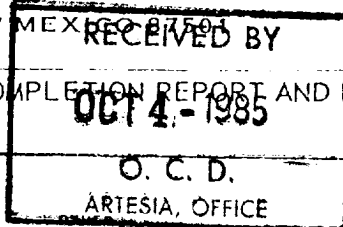
OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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DISTRIBUTION	
SANTA FE	☒
FILE	☒
U.S.O.S.	☒
LAND OFFICE	☒
OPERATOR	☒



5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-8180

1a. TYPE OF WELL

Oil Well

OIL WELL ☒

GAS WELL ☐

DRY ☐

O. C. D.

ARTESIA, OFFICE

7. Unit Agreement Name

8. Farm or Lease Name

Thomas State

9. Well No.

2

10. Field and Pool, or Wildcat

Artesia-Qn, Gb, SA

2. Name of Operator

Arch Petroleum, Inc.

3. Address of Operator

777 Taylor, Suite IIA, Fort Worth, TX 76102

4. Location of Well

UNIT LETTER A LOCATED 330 FEET FROM THE north LINE AND 330 FEET FROM

THE east LINE OF SEC. 9 TWP. 18s RGE. 28e NMPM

12. County

Eddy

15. Date Spudded

8-27-85

16. Date T.D. Reached

9-1-85

17. Date Compl. (Ready to Prod.)

9-18-85

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

3643 GL

19. Elev. Casinghead

3645

20. Total Depth

2560

21. Plug Back T.D.

2493

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

XXX

Cable Tools

24. Producing interval(s), of this completion - Top, Bottom, Name

2318-2436 Grayburg-Premier

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

DLL, LDT, GR

27. Was Well Cored

NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	28	337'	12 1/4"	220 sx Class C + 2% CC	
5 1/2"	17	2493'	7 7/8"	300 sx Hal.Lite, 8# salt, 1/4# flocele + 200 sx Class C, 50/50 POZ, 2% Gel	

9. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	2400'	

1. Perforation Record (interval, size and number)

1 spf 4 1/2" casing gun
2432-36, 23-26, 08-13, 2380-86, 23-25,
2318-20

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2318-2436	2000 gal. 15% NEEF Acid + Frac with 60,000 gal gel wtr, 38,000# 20/40, 44,000# 12/20

11. PRODUCTION

11a. First Production 9-18-85

Production Method (Flowing, gas lift, pumping - Size and type pump)
Pump 1 1/2" insert

Well Status (Prod. or Shut-in)
Producing

Date of Test 10-1-85	Hours Tested 24	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 31	Gas - MCF tstm	Water - Bbl. 29	Gas - Oil Ratio
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 31	Gas - MCF tstm	Water - Bbl. 29	Oil Gravity - API (Corr.) 35	

Disposition of Gas (Sold, used for fuel, vented, etc.)
vented

Test Witnessed By
Harold Akins

List of Attachments

Logs, Deviation Record

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 Scott Akins TITLE Geologist

DATE 10-2-85

This form is to be filed with the appropriate Office of the Division 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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1588	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 2109	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2438	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. Todilto	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. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 2318 to 2328	No. 4, from to
No. 2, from 2379 to 2438	No. 5, from to
No. 3, from to	No. 6, from to

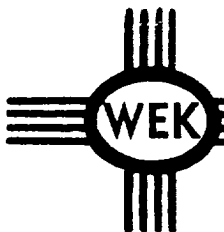
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
No. 2, from to feet
No. 3, from to feet
No. 4, from to feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	350	350	Caliche, Sand, Shale				
350	660	310	Anhy & Sand				
660	1422	762	Anhy & Dolomite				
1422	1895	473	Sand, Shale, Anhy				
1895	2438	543	Sand & Dolomite				
2438	2560	122	Dolomite				

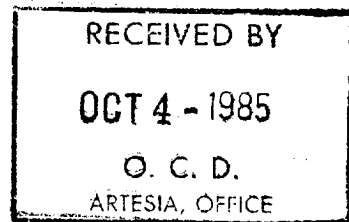


LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

September 5, 1985



Arch Petroleum, Inc.
Fort Worth Club Tower
Penthouse IIA
Fort Worth, Texas 76102

Ref: Thomas State #2

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

350' - 1/2°	2280' - 3/4°
840' - 1/2°	2369' - 3/4°
1332' - 1/2°	2560' - 1 1/2° T.D.
1817' - 3/4°	

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 5TH day of SEPTEMBER 1985 by Arnold Newkirk.

MY COMMISSION EXPIRES:

5-4-87

Bibette Michelle Betancur
Notary Public