

NO. OF COPIES RECEIVED

DISTRIBUTION

SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

MAY 15 1973

5a. Indicate Type of Lease

State ☒Fee ☒

5. State Oil & Gas Lease No.

K 4144

7. Unit Agreement Name

8. Farm or Lease Name

Agudo

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☒OTHER ☐ A.R.C.

b. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

2. Name of Operator

Union Oil Company of California

3. Address of Operator

P.O. Box 671 - Midland, Texas 79701

4. Location of Well

UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROMTHE West LINE OF SEC. 16 TWP. 2-N RGE. 25-E NMPM

11. County

De Baca

15. Date Spudded 4-24-73 16. Date T.D. Reached 5-1-73 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 4392' GR 19. Elev. Casinghead

20. Total Depth

1650'

21. Plug Back T.D.

1276'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

0 - 1650

Cable Tools

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

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CR-SNP

27. Was Well Cored

Yes

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7-5/8"	24 & 26#	347'	9-7/8"	175 sx Class "H"	
4 1/2"	9.5#	1317'	6-3/4"	300 sx Class "C"	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

1099-1104' 3-3/8" 2/ft.
1009-1020' " "

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1099-1104'	Squeezed with 75 sx (600 acid)
1009-1020'	" " 65 "

33. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)

WELL PLUGGED AND ABANDONED 5-7-73

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	

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

Test Witnessed By

35. List of Attachments

Core descriptions - Copy of log to be forwarded from our Roswell office

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

TITLE District Drilling Supt.

DATE May 10, 1973

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 30 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

T. Anhy _____ T. Canyon _____
T. Salt _____ T. Strawn _____
B. Salt _____ T. Atoka _____
T. Yates _____ T. Miss _____
T. 7 Rivers _____ 500 T. Devonian _____
T. Queen _____ 653 T. Silurian _____
T. Grayburg _____ T. Montoya _____
T. San Andres _____ 977 T. Simpson _____
T. Glorieta _____ T. McKee _____
T. Paddock _____ T. Ellenburger _____
T. Blinbry _____ T. Gr. Wash _____
T. Tubb _____ T. Granite _____
T. Drinkard _____ T. Delaware Sand _____
T. Abo _____ T. Bone Springs _____
T. Wolfcamp _____ T. _____
T. Penn. _____ T. _____
T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland-Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzte _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilto _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ T. _____
T. Penn. "A" _____ T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
653	977	324	Queen - Grayburg				
500	653	153	7 Rivers				
0	354	354	Sand, caliche & shale				
354	500	146	Sand & shale				
500	584	84	Gyp, anhydrite & shale				
584	653	60	Gyp, anhydrite & sand				
653	977	324	Sand & shale				
977	1009	32	Gyp, anhydrite & sand				
1009	1198	189	Anhydrite, dolo. & shale				
1198	1260	62	Salt & anhydrite				
1260	1284	24	Dolomite & anhydrite				
1284	1446	162	Salt & anhydrite				
1446	1650	204	Dolomite & anhydrite				

4 30 73

Agudo Well No. 1

CORE NO. 1 1454'-1505'

1454-57	Dolo, brown anhy modules w/shale inclusions & stylolites
57-62½	Anhy, w/dolo streaks & inclusions
62½-66	Dolo, brown, dense, siliceous w/shale & anhy inclusions
66-69	Anhy w/dolo streaks
69-80	Dolo, brown, tight, anhydritic, bleeding oil & SW
80-84½	Dolo, brown, anhydritic, no show
84½-97	Dolo, tight, scattered spots bleeding oil & SW
97-99	Dolo, brown, bleeding oil & SW from pin point & vuggy porosity
1499-1505	Dolo, brown, dense, bleeding oil & SW from scattered porous streaks

RECEIVED

MAY 15 1973

O. C. C.
ARTESIA, OFFICE

Agudo Well No. 1

Core # 2 1563 - 1613 cut 50' Free 50'

- 3 1/2' Dolo, Br, Tight, sh stks, Anky inclusions.
- 2' Dolo Br, Fair PP Poro, intercrystalline
Poro bleeding Gas + SW, Blk oil stain in Poro.
- 3' Dolo, Br, Tight sh stks, Fossiliferous.
- 3 1/2' Dolo Br, PP Poro, bleeding oil.
- 6' Dolo Br, Tight, Anhydritic, Dark stain +
odor throughout.
- 2' Dolo, Br, small Gypson nodules, PP Poro
bleeding Gas + SW.
- 6' Dolo Br, Tight, Anhydritic.
- 1' Dolo, Br, PP Poro, oil stain + odor.
- 1 1/2' Dolo Br + Tight.
- 5' Anky, gray, white, Hard, Banded to Nodules.
- 10 1/2' Dolo, Br, Tight, Anky inclusions, shaley.
- 6' Dolo, Br, scattered PP Poro, Bleeding Gas +
SW, Black stain + oily odor throughout.

RECEIVED

MAY 15 1973

O. C. C.
ARTESIA, OFFICE