

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

RECEIVED

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

LG-2678

7. Unit Agreement Name

8. Farm or Lease Name

STATE

9. Well No.

~~10~~ #4

10. Field and Pool, or Wildcat

Shugart y-SR-Q-G

12. County

Eddy

10. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

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

2. Name of Operator

Cook Oil and Gas Production Co. ✓

O. C. D.

ARTESIA, OFFICE

3. Address of Operator

P. o. Box 159, Roswell, New Mexico 88202-0159

4. Location of Well

UNIT LETTER PO LOCATED 990 FEET FROM THE XXXX South AND 2310 ~~XXXX~~ ~~990~~ FEET FROMTHE XXXXXX East 2 TWP. 19 S 31 E XXXXXX NMDM

15. Date Spudded

5/11/81

16. Date T.D. Reached

~~XXXXXX~~ 5/19/81

17. Date Compl. (Ready to Prod.)

~~6/10/81~~ 6/4/81

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

3609.7

19. Elev. Casinghead

3611.7

20. Total Depth

4284 4300

21. Plug Back T.D.

~~XXXX~~ 4284

22. If Multiple Compl., How Many

2

23. Intervals Drilled By

Rotary Tools

X

Cable Tools

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

SR +
Queen

25. Was Directional Survey Made

25. Type Electric and Other Logs Run

Compensated Neutron-Guard Forxo

27. Was Well Cored

No

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	24#	752 733	11"	300 sacks cement circulated	
5 1/2	15#	4300	7 7/8	500 sacks top of cement @ 2250	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3580	

31. Perforation Record (Interval, size and number)

3386, 94, 99, 3404, 10, 11, 14, 15, 20, 5, 29, 31, 33, 35, 39, 41, 49, 50, 52, 3471, 3892, 93, 3913, 3924, 25, 26, 27, 28, 29, 30, 32, 3944, 45, 48, 50

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3386-3950	1500 gal NEFE 15% acid, 40,000 gal gel water frac, 1020 sand, 50,000 lbs 20/40 sand, 40,000 lbs

33. PRODUCTION

Date First Production 6/6/81		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Prod.		
Date of Test 6/7/81	Hours Tested 24 hr.	Choke Size Open	Prod'n. For Test Period →	Oil - Bbl. 40	Gas - MCF 60	Water - Bbl. 21	Gas - Oil Ratio		
Flow Tubing Press. 150	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 33.4			

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

Sold

Test Witnessed By

E. Q. Cook

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.

SIGNED

Dennis J. Oechelata

TITLE

Sec

DATE 8/18/81

This form is to be filed with the appropriate District 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 radioactivity logs run on the well and a summary of all reported production. Including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in duplicate except on state land, where six copies are required. Form No. 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Canyon	723	T. Ojo Alamo	T. Penn. "B"
T. Salt	852	T. Kirtland-Fruitland	T. Penn. "C"
T. Strawn	2348	T. Pictured Cliffs	T. Penn. "D"
T. Aloka	2523	T. Cliff House	T. Leadville
T. Miss	2870	T. Kiencle	T. Madison
T. Devonian	3383	T. Point Lookout	T. Elbert
T. Situation	3581 8955	T. Mancos	T. McCracken
T. Greysburg	3670	T. Gallup	T. Ignacio Quartz
T. San Andres	3955	T. McKee	T. Granite
T. Clatsa		T. Base Greenhorn	
T. Padlock		T. Dakota	
T. Ellensburg		T. Morrison	
T. Gr. Wash		T. Todillo	
T. Tubb		T. Delaware Sand	
T. Dinkard		T. Bone Springs	
T. Abo		T. Chinle	
T. Wolfcamp		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	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	723	723	Surface sand coliche, red shale	723	129	129	Anhydrite
723	852	129	Anhydrite	129	1496	1496	Salt anhydrite, red shale
852	2348	1496	Salt anhydrite, red shale	1496	175	175	Anhydrite, dolomite
2348	2523	175	Anhydrite, dolomite	175	347	347	Dolomite, anhydrite, sand, shale
2523	2870	347	Dolomite, anhydrite, sand, shale	347	40	40	Dolomite
2870	2910	40	Dolomite	2910	310	310	Sand, shale anhydrite
2910	3220	310	Sand, shale anhydrite	3220	163	163	Dolomite, anhydrite, sand
3220	3383	163	Dolomite, anhydrite, sand	3383	77	77	Sand, dolomite, shale
3383	3460	77	Sand, dolomite, shale	3460	71	71	Anhydrite, dolomite, shale, sand
3460	3531	71	Anhydrite, dolomite, shale, sand	3531	14	14	Sand
3531	3545	14	Sand	3545	133	133	Anhydrite, dolomite, red shale, sand
3545	3678	133	Anhydrite, dolomite, red shale, sand	3678	87	87	Red sand, shale, anhydrite
3678	3765	87	Red sand, shale, anhydrite	3765	190	190	Anhydrite, dolomite, sand
3765	3955	190	Anhydrite, dolomite, sand	3955	345	345	Dolomite
3955	4300	345	Dolomite	4300			



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

WEK DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

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

May 27, 1981

Cook Oil & Gas Production
P.O. Box 159
Roswell, NM 88201

Re: State J #4

Gentlemen:

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

423' - 1/2	2801' - 3/4
735' - 1/2	3280' - 3/4
1210' - 1/2	3760' - 3/4
1685' - 3/4	3962' - 3/4
2185' - 3/4	4300' - 3/4 T.D.
2660' - 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 27th day
of May, 1981 by Arnold Newkirk.

My Commission Expires:

April 10, 1984

Glenda Bea Newton
Notary Public