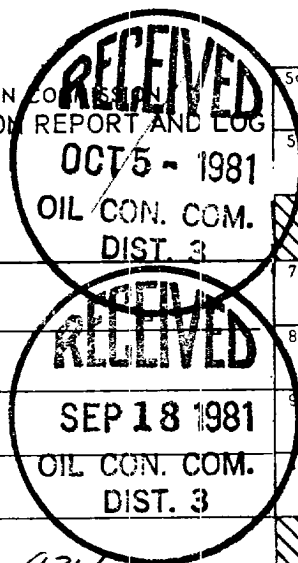


DISTR. SECTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

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

Revised 1-1-65



5a. Indicate Type of Lease
 State ☐ Fee ☒
 5. State Oil & Gas Lease No.
 7. Unit Agreement Name
 8. Farm or Lease Name
 Locer
 9. Well No.
 #1
 10. Field and Pool, or Wildcat
 Gavilan

1a. 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

Nanco, Inc.

3. Address of Operator

611 Philtower Building, Tulsa, OK. 74103

4. Location of Well

UNIT LETTER C LOCATED 1677 FEET FROM THE West LINE AND 933 FEET FROM

THE North LINE OF SEC. 15 TWP. 25N RGE. 2W NMPM

12. County
 Rio Arriba

15. Date Spudded 4-9-80 16. Date T.D. Reached 4-19-80 17. Date Compl. (Ready to Prod.) 8-17-80 18. Elevations (DF, RKB, RT, GR, etc.) 7355 GL 19. Elev. Casinghead 7341

20. Total Depth 3694' 21. Plug Back T.D. 3694' 22. If Multiple Compl., How Many → 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3534 to 3548' 3570 to 3586'
Pictured Cliffs Sandstone
 25. Was Directional Survey Made Yes
attached hereto

26. Type Electric and Other Logs Run
Compensated Neutron-Formation Density - Cement Bond
 27. Was Well Cored No.

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	34	103'	10-3/4"	<u>80% to Surface</u>	
4-1/2"	J55 11	3663'	6-3/4"	200 Sacks	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	PACKER SET
					2-3/8"	3537'
						3536.8'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
<u>2-3/8" shot holes-2 shots per foot-3534' to 3548' - 14' - 28 holes, and 2 shots per foot 3570' to 3586' - 16' - 32 holes</u>	
	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	<u>3534 to 3586'</u> <u>75,000 Gal. Foam</u>
	<u>75,000 10-20 Sand</u>
	<u>Foam Fracture</u>

PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
<u>8-17-80</u>		<u>Flowing Gas-EN. Well completion</u>				<u>Shut In</u>	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>9-18-80</u>	<u>3 hours</u>	<u>3/4"</u>	<u>→</u>		<u>2,242 MCF</u>		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
<u>88</u>	<u>470</u>	<u>→</u>		<u>2,242 MCF</u>	<u>None</u>		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented for testing
 Test Witnessed By
Lynn Alexander
Ron Sorrow

35. List of Attachments
E Logs-Cement Bond Log - Tefteller, Inc. Gas Test - Deviation Test

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 E. Alex Phillips TITLE President DATE 9-10-81

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 well stem tests. All bottom reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completion, Items 24 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 116.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo <u>3230</u>	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Frontland <u>3400</u>	T. Penn. "C" _____
D. Salt _____	T. Aboka _____	T. Pictured Cliffs <u>3500</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Brinkard _____	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 _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, 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 None 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
3504	3600	96'	Gross-Pictured Cliffs Sandstone				

EASTMAN-WHIPSTOCK, INC.

HOUSTON, TEXAS 77021

CO. NANCO INC.

WELL #1 LOCKER

DEPTH 1504'

DRIFT 1°

DIRECT'N

DATE 4/14/80

TAKEN BY RAO LYNCH

DISC NO. 2

OIL WELL SURVEYS
DIRECTIONAL DRILLING
STAR RECORDERS

LOCER # 1 - NW4 SECTION 15
DEVIATION MARKER

1° at 1504 Feet

EASTMAN-WHIPSTOCK, INC.

HOUSTON, TEXAS 77021

CO. NANCO INC.

WELL 2020 LOCER #1

DEPTH 2020

DRIFT 2°

DIRECT'N

DATE 4/15/80

TAKEN BY RAO LYNCH

DISC NO. 3

OIL WELL SURVEYS
DIRECTIONAL DRILLING
STAR RECORDERS



2° at 2020 Feet

EASTMAN-WHIPSTOCK, INC.

HOUSTON, TEXAS 77021

CO. NANCO

WELL LOCER #1

DEPTH 2919

DRIFT Bull Eye

DIRECT'N

DATE 4-17-80

TAKEN BY

DISC NO.

OIL WELL SURVEYS
DIRECTIONAL DRILLING
STAR RECORDERS



0° at 2919 Feet

EASTMAN-WHIPSTOCK, INC.

HOUSTON, TEXAS 77021

CO. NANCO

WELL LOCER #1

DEPTH 3715

DRIFT 1°

DIRECT'N

DATE 4/22/80

TAKEN BY 5/1/1980

DISC NO. 5/1/1980

OIL WELL SURVEYS
DIRECTIONAL DRILLING
STAR RECORDERS

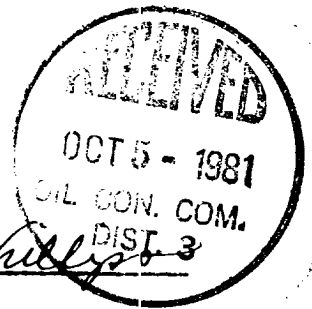
1° at 3715 Feet

AFFIDAVIT

I, E. Alex Phillips of 611 Philtower Building, Tulsa, Oklahoma 74103 hereby make the following statement as to the accuracy and authenticity of the Eastman-Whipstock, Inc. Deviation Markers, covering the Nanco, Inc. Locer #1 Pictured Cliffs Gas Well situated in the NW4 of Section 15, Township 25 North, Range 2 West, Rio Arriba County, New Mexico: Said Deviation Markers, attached hereto, are authentic copies of Directional Drilling Surveys that were run by Eastman-Whipstock, Inc. during drilling period of Locer #1 Well.

Signature

E. Alex Phillips



State of

Oklahoma

County of

Tulsa

The foregoing instrument was acknowledged before me this 1st day of October, 1981. By

Mary Matteson
Notary Public

My Commission Expires: 7/31/82