

LOCATE WELL CORRECTLY

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
AUG 1 1963

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address Drawer 728, Hobbs, New Mexico
 Lessor or Tract Leo R. Manning Fed. "b" NCT-1 Field North Benson State New Mexico
 Well No. 5 Sec. 28 T18S R. 30E Meridian NMPM County Eddy
 Location 1650 ft. N of S Line and 1651 ft. W of E Line of Sec. 28 Elevation 3499 (DF)
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

SO far as can be determined from an available records.
Signed _____
Date July 30, 1963 Title Assistant District Supt.

The summary on this page is for the condition of the well at above date.

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Commenced drilling July 12, 19 63 Finished drilling July 23, 19 63

OIL OR GAS SANDS OR ZONES

See Attached

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

Drilled with rotary tools. **IMPORTANT WATER SANDS** No water sands tested.

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	549	650	B&J Service		
4-1/2"	3371	350	B&J Service		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3371 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

DATE	
July 30	Put to producing July 23
19 63	19 63

The production for the first 24 hours was 368 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 34.1

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M. F. Young, Driller J. J. Richards, Driller

T. E. Bingham _____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Surface rock & sand
80	250	170	Redbed & Salt
250	478	228	Redbed
478	549	71	Anhy & Salt
549	1892	1343	Anhy & Gyp
1892	2028	136	Anhy
2028	2666	638	Anhy & Lime
2666	3371	705	Lime
TD	3371		
PBTD	3367		
All measurements from rotary table or 8' above ground level.			
WFORE—	NO	DATE MADE	LOCATION

All measurements from rotary table or
8' above ground level.

FOIA(b)(7)(C) [OVER] RECORD-CONTINUING

LEO R. MANNING FEDERAL "b" NCT-1 No. 5

Spudded 9-7/8" hole 6:00 A.M. July 12, 1963.

Ran 539' of 7" OD Casing and set at 549'. Cemented with 350 sacks of Class "C" 4% Gel plus 300 sacks of regular neat. Cement circulated. Job complete 4:45 A.M. July 15, 1963. Plug at 509'. Tested 7" OD Casing for 30 minutes with 600 psi before and after drilling plug. Tested O.K. Job complete 7:00 A.M. July 16, 1963.

Ran 3361' of 4-1/2" OD Casing and set at 3371'. Cemented with 350 sacks of Class "C" plus 10% salt. Plug at 3367'. Job complete 7:30 P.M. July 23, 1963. Tested 4-1/2" OD Casing for 30 minutes with 1000 psi before and after drilling plug. Tested O.K. Job complete 10:00 P.M. July 24, 1963.

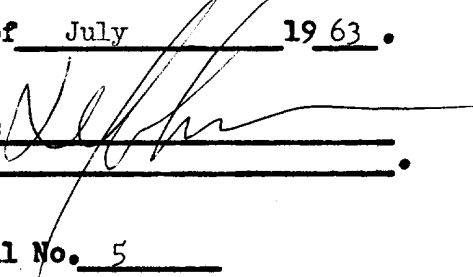
Ran Electric Logs July 22, 1963.

Perforate 4-1/2" OD Casing with 1 jet shot per interval from 2782', 2789', 3008', 3112', 3300', 3320', 3336'. Spot 500 gallons of 15% acid and set packer at 2674'. Acidize with 1900 gallons in seven stages with 1 ball sealer between stages, followed with 30,000 gallons of refined oil, with 1.5 lbs. of sand per gallon. On 24 hour potential test ending 7:00 A.M. July 28, 1963. Well flowed 368 bbls. of oil and no water through 24/64" choke.

Gravity	34.1
GOR	361
Top of Pay	2782
Bottom Pay	3336
TEXACO Inc.	7-28-63
NMOCC Date	7-23-63

I J. G. Blevins Jr. being of lawful age and being the
Assistant District Superintendent for Texaco Inc., do state that the
deviation record which appears on this form is true and correct to the best of my
knowledge.


Subscribed and sworn to before me this 30th day of July 19 63.

My Commission Expires October 20, 1966 R. E. Johnson
Notary Republic 
for Lea County, State of New Mexico.

Lease Leo R. Manning Federal "b" NCT-1 Well No. 5

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
500	3/4
941	1-1/4
1409	2
1900	3/4
2400	3/4
2900	1-1/4
3345	1-1/4
3371 TD	1-1/4

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico
(Place)

July 29, 1963
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

TEXACO Inc. Leo R. Manning Fed "b" NCT-1, Well No. 5, in NW 1/4 SE 1/4, Grayburg
(Company or Operator) (Lease)

J, Sec. 28, T. 18-S., R. 30-E., NMPM., North Benson Queen Pool
Unit Later

Eddy

County. Date Spudded 7-12-63 Date Drilling Completed 7-23-63
Elevation 3499 (DF) Total Depth 3371 PBD 3367

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Top Oil/Gas Pay 2782 Name of Prod. Form. Grayburg

PRODUCING INTERVAL - 3320', 3336',

Perforations 4-1/2" Casing with 1 JSPI from 2782', 2789', 3008',
Open Hole 3112', 3300'. Depth Casing Shoe 3367 Depth Tubing

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls. water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 368 bbls. oil, 0 bbls. water in 24 hrs, 0 min. Size 24/64

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Tubing, Casing and Cementing Record
Size Feet Size

7"	539	650
4-1/2"	3361	350

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): See remarks

Casing Tubing Date first new
Press. 95 Press. oil run to tanks July 23, 1963

Oil Transporter McWoods Corporation (Trucks)

Gas Transporter Phillips Petroleum Company

Remarks: Acidize the above perforations with 1900 gallons in 7 stages with 1 ball sealer between stages, followed with 30,000 gallons of refined oil with 1.5 lb. of sand per gallon.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: 19

TEXACO Inc.
(Company of Operator)

By: (Signature)

Title Assistant District Superintendent
Send Communications regarding well to:

Name TEXACO Inc.

Address Drawer 728, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By:

Title: