

Set for Jan 17 hearing

Case 1813

Waiting period Dec-864
HOBBS OFFICE OCC
7-3-58

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

APPLICATION FOR DUAL COMPLETION

MAIL OFFICE 000

Field Name Justis Blinebry and Justis Tubb County Lea 1959 NOV 24 PM 2:29

Operator The Atlantic Refining Company Lease No. Langlie Federal "A" Well No. 1

Location of Well Unit H Section 14 Township 25S Range 37E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES NO

2. If answer is yes, identify one such instance: Order No. R-1402A; Operator, Lease, and Well No.:

SW 1/4 NW 1/4 Sec 30 T 25 S, R 37 E

Skelly Oil Company Hobbs "A" Well No. 6

3. The following facts are submitted:	<u>Adjacent</u> Upper Zone	<u>Undesignated</u> Lower Zone
a. Name of reservoir	<u>Justis Blinebry</u>	<u>Justis Tubb</u>
b. Top and Bottom of Pay Section (Perforations)	<u>5339-5498' (estimated)</u>	<u>5802-5848' (estimated)</u>
c. Type of production (Oil or Gas)	<u>Oil</u>	<u>Oil</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>	<u>Flowing</u>

4. The following are attached. (Please mark YES or NO)

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

Yes c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application. *

No d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
- Anderson & Prichard Oil Corporation, Box 196, Midland, Texas
 - Gulf Oil Corporation, Box 669, Roswell, New Mexico
 - Jal Oil Company, Inc., Box 2, Jal, New Mexico
 - Johnson & French, Box 1248, Jal, New Mexico
 - Western Natural Gas Company, Box 1060, Jal, New Mexico

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES NO . If answer is yes, give date of such notification _____

CERTIFICATE: I, the undersigned, state that I am the Regional Petroleum Engineer of the Atlantic Refining Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

R. E. Howard
R. E. Howard Signature

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-124
(Rev. 9-53)

Company THE ATLANTIC REFINING CO. Bottom Hole Pressures JUSTIS TUBB Pool

Well Datum 2700' ss Nominal Shut-In Time 18 Hrs: Average Pool Temperature 106 F°

WELL NO.	UNIT	S-T-R	DATE PRESS. RUN	TIME S.I. HRS/MINS.	D.F. GAUGE DEPTH FEET.	GRADIENT TEG.	B.H.P. AT GAUGE DEPTH	B.H.P. AT POOL DATUM	PREVIOUS TEST AT DATUM PRESSURE	DATE	
1	H	14-25-37	12-28-59	53/00	3111	5700	.320	2150	2186	None Previous	

Exh. 8

NEW MEXICO OIL CONSERVATION COMMISSION

FORM O-377
(REV. 9-23)

COMPANY THE ATLANTIC REFINING CO. Bottom Hole Pressures MUSKIE BLINDEY Page 1

Well No. 2300 ea Nominal Shut-In Time 48 Hrs: Average Pool Temperature 301 F

WELL NO.	UNIT	S-F-R	DATE RUN	TIME S.I. HRS/MINS.	D.F. ELEV.	GAUGE DEPTH	GRADIENT TBQ.	B.H.P. AT GAUGE DEPTH	D.H.P. AT POOL DATUM	PREVIOUS TEST AT DATUM PRESSURE	DATE
1	H	11-25-37	12-20-59	54/00	3111	5450	.430	2394	2377	None Previous	

Exh. 9

(SUBMIT IN TRIPLICATE)

Land Office

Lease No. **LC-060944**

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		<input type="checkbox"/>

INDICATE ABOVE BY CHECK MARK NATURE OF REPORT (NOTICE, OR OTHER DATA)

Langlie-Federal "A"

October 26

1959

Well No. **1** is located **2310** ft. from **N** line and **330** ft. from **E** line of sec. **14**

NE 1/4 Sec. 14
(1/4 Sec. and Sec. No.)

25 S
(Twp.)

37 E
(Range)

100° W
(Meridian)

Justis (Field)

Lee County

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded well at 2:30 PM 10-23-59. Drilled to 895'. Ran 28 joints of 9-5/8" 12# N-40 casing, total 880.19' set at 895.30'. HONGO cemented with 225 sacks of regular cement mixed 1 to 1 with Pozmix with 6 1/2 gal followed with 165 sacks of regular with 2% calcium chloride. Plug down at 8:45 PM 10-24-59. Cement circulated, WOS 24 hours. Tested 9-5/8" casing with 1200# for 30 minutes OK. Drilled plug and resumed drilling.

ILLEGIBLE

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Atlantic Refining Company**

Address **P. O. Box 1610**

MIDLAND, Texas

By **RA Evans**

R. A. Evans

Title **Senior Drilling Engineer**

(SUBMIT IN TRIPLICATE)

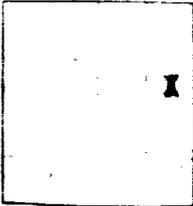
Land Office

Lease No.

10-060944

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA

Langley Federal "A" No. 1

November 25

19 59

Well No. 1 is located 2310 ft. from ~~SW~~ ^N line and 390 ft. from ~~SW~~ ^E line of sec. 14

~~NE/4~~ Sec. 14
(1/4 Sec. and Sec. No.)

25 E
(Twp)

37 E
(Range)

N4PM
(Meridian)

Justin
(Field)

Lee
(County or subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled well to total depth 6040'. Ran 100 jts of 7" casing (20' J-55 ST&C and 23' J-55 L&C), 6024.45', set at 6038.45'. Used 10 centralizers. RMC cemented with 354 sacks of Lone Star Incon mixed 40% with Diacon D with 2% calcium chloride with 1/4# of Flocals per sack followed by 340 sacks of Lone Star and Southwestern Portland with 1/4# of Flocals per sack. Plug down at 10:10 PM 11-19-59. WOC. North Well Service ran temperature survey and found top of cement at 1525'. Drilled plug at 5796' and cement to 6023'. Tested 7" casing with 1500# for 30 minutes OK.

ILLEGIBLE

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Atlantic Refining Company

Address P. O. Box 1610

Midland, Texas

By W. L. Mills W. L. Mills

Title Regional Drilling Manager

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 QUADRUPPLICATE 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.

Denver City, Texas December 4, 1959
(Place) (Date)

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

The Atlantic Refining Co. Langlie Federal "A", Well No. 1, in 28 1/4 NE 1/4,
(Company or Operator) (Lease)

Sec. 14, T. 23-S, R. 27-E, NMPM, Undesignated Pool
Unit Letter

100

County. Date Spudded 10-23-59 Date Drilling Completed 11-17-59

Please indicate location:

Elevation 5777 Total Depth 6040 PBTD 6040

Top Oil/Gas Pay 5420 Name of Prod. Form. Blinney

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

PRODUCING INTERVAL -

Perforations 5420 - 5430

Open Hole Depth 6040.45 Casing Shoe 6040.45 Tubing 5420

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): 235.60 bbls. oil, .26 bbls water in 28 hrs, _____ min. Size 1 1/2" Choke

GAS WELL TEST -

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

Tubing, Casing and Cementing Record

Size	Feet	Size
9 5/8	878.84	490
7	6024.45	577
3	5420	

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): 10,000 gal oil & 10,000 sand, 1000 gal 12% LUCHE, 1000 gal 20% LUCHE

Casing Tubing Date first new Press. Packer Press. 690 oil run to tanks December 23, 1959

Oil Transporter Texas New Mexico Pipe Line

Gas Transporter None

Remarks: Gas is being vented waiting on completion of the Tubb formations.

ILLEGIBLE

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

Approved _____, 19____

The Atlantic Refining Company
(Company or Operator)

OIL CONSERVATION COMMISSION

DRIG. SIGNED: N. A. CARR E. A. Carr

By: _____
(Signature)

District Superintendent

Title: Send Communications regarding well to:

Name: The Atlantic Refining Company

Address: Box 1038, Denver City, Texas

By: _____

Title: _____

5466

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

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 QUADRUPPLICATE 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.

Denver City, Texas December 21, 1959
(Place) (Date)

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

The Atlantic Refining Company Langlie Federal "A" Well No. 1, in SE 1/4 NE 1/4
(Company or Operator) (Lease)

Unit Letter H, Sec. 14, T. 25-S, R. 37-E, NMPM, Union, Justice Tubbs, Pool

County Date Spudded 10-23-59 Date Drilling Completed 11-17-59
Elevation 5114 Total Depth 6040 PBTD 6023

Please indicate location:

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

Top Oil/Gas Pay 5796 Name of Prod. Form. Tubbs

PRODUCING INTERVAL -

Perforations 5796-5810; 5816-5820; 5838-5848

Open Hole Depth Casing Shoe 6038.45 Tubing 5780.49

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 169.44 bbls. oil, 3.46 bbls water in 24 hrs, 0 min. Size 20/64

GAS WELL TEST -

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

Tubing, Casing and Cementing Record

Size	Feet	Size
9 5/8	578.26	390
7	6009.17	354

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): 15,000 gals. called loc. oil & 15,000# sand, 500 gals. mud acid; 1200 gals. jal acid 4/1/59 sand per gal; 7500 gals. acid

Casing Tubing Date first new Press. Pooler Press. 450# oil run to tanks December 14, 1959

Oil Transporter Texas New Mexico Pipe Line

Gas Transporter None

Remarks: Gas is being vented waiting on El Paso Natural Gas to make physical connection

ILLEGIBLE

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

Approved, 19.....

The Atlantic Refining Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: N. A. Carr
(Signature)

By:

Title District Superintendent

Title

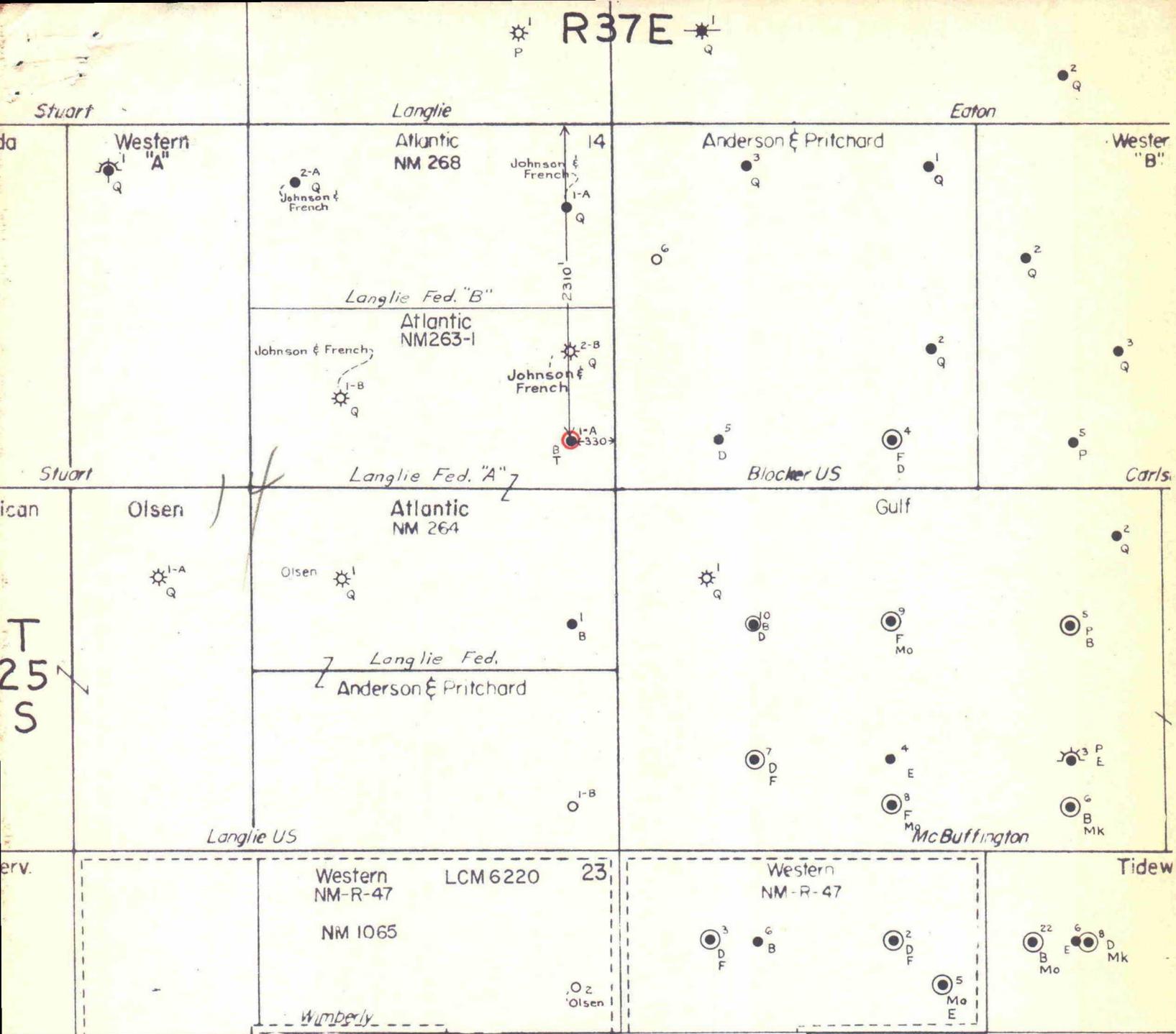
Send Communications regarding well to:

Name The Atlantic Refining Company

Address Box 1030 Denver City, Texas

5627

R37E



THE ATLANTIC REFINING COMPANY
WEST TEXAS-NEW MEXICO REGION

JUSTIS BLINEBRY & UNDESIGNATED TUBB POOLS

TO ACCOMPANY APPLICATION FOR OIL/OIL DUAL COMPLETION
ATLANTIC LANGLIE FEDERAL "A" NO. 1 WELL

Scale: 1"=1000'

LEGEND:

- P - Paddock
- B - Blinebry
- T - Tubb
- D - Drinkard
- Q - Queen
- F - Fusselman
- Mo- Montoya
- Mk- McKee
- E - Ellenburger

Case No. 1873
Exhibit No. /

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator The Atlantic Refining Company			Lease Langlie Federal "A"			Well No. 1	
Location of Well	Unit 2	Sec 14	Twp 25-S	Range 37-E	County San		
Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size		
Upper Compl	Kinstry		Oil	Flow	Tbg	12/64	
Lower Compl	Tabbs		Oil	Flow	Tbg	10/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 a.m. (MST) 12-17-59

Well opened at (hour, date): 8:00 a.m. (MST) 12-18-59

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	529	1087
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	565	1087
Minimum pressure during test.....	529	400
Pressure at conclusion of test.....	565	975
Pressure change during test (Maximum minus Minimum).....	36	687
Was pressure change an increase or a decrease?.....	Increase	Decrease

Well closed at (hour, date): 8:00 a.m. (MST) 12-19-59 Total Time On Production 24 hours

Oil Production During Test: 35.7 bbls; Grav. 39.6°; Gas Production During Test: 38.8 MCF MCF; GOR 1087

Remarks Well plugged off after being open 8 hours

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:00 a.m. (MST) 12-20-59</u>		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	987	999
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	990	999
Minimum pressure during test.....	440	908
Pressure at conclusion of test.....	912	908
Pressure change during test (Maximum minus Minimum).....	190	91
Was pressure change an increase or a decrease?.....	Decrease	Decrease

Well closed at (hour, date): 8:00 a.m. (MST) 12-20-59 Total time on Production 24 hours

Oil Production During Test: 18.6 bbls; Grav. 38.5°; Gas Production During Test: 6.2 MCF MCF; GOR 309

Remarks Well plugged off after being open 2 1/4 hours

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

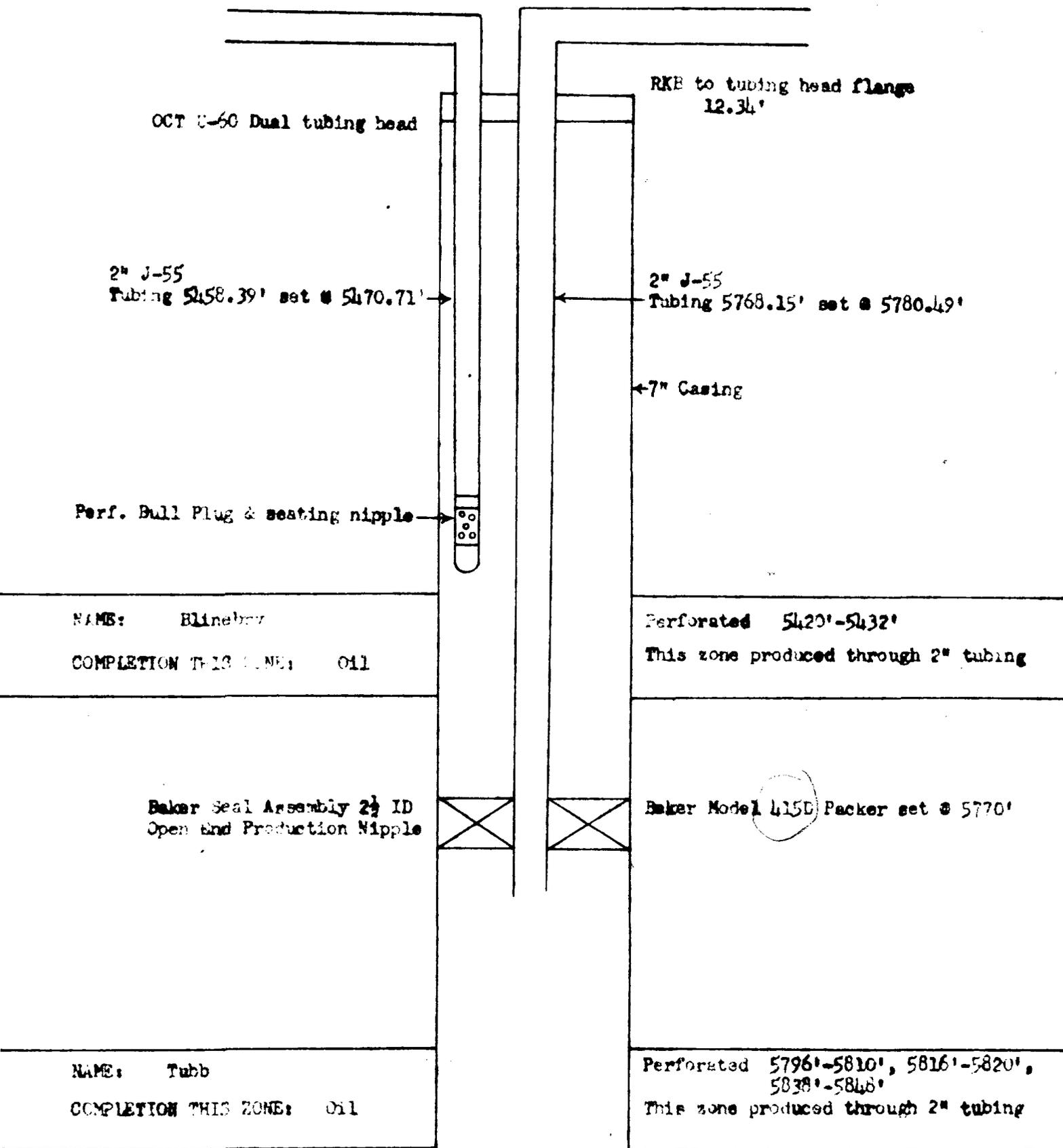
Approved _____ 19 _____
New Mexico Oil Conservation Commission

Operator The Atlantic Refining Company
By N. A. Carr

By _____ Title District Superintendent
Date December 22, 1959

Title EXH 10

COMPANY: THE ATLANTIC REFINING COMPANY
 LEASE : Atlantic Langlis-Federal "A"-1
 FIELD : Just's (Blinsbry & Tubb)
 DATE : 12-22-57



NAME: Blinsbry
 COMPLETION THIS ZONE: Oil

Perforated 5420'-5432'
 This zone produced through 2" tubing

Baker Seal Assembly 2 1/2" ID
 Open End Production Nipple

Baker Model 415D Packer set @ 5770'

NAME: Tubb
 COMPLETION THIS ZONE: Oil

Perforated 5796'-5810', 5816'-5820',
 5838'-5846'
 This zone produced through 2" tubing

P.F.D. 6023'

6040' T.D.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56

PACKER SETTING AFFIDAVIT
(Dual Completions)

STATE OF Texas)
County of Yoakum) ss

N. A. Carr, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by The Atlantic Refining Company in the capacity of District Superintendent and as such is its authorized agent.

That on November 30, 19 59, he personally supervised the setting of a Packer Model A15 D in The Atlantic Refining Company's
(Make and Type of Packer) (Operator)

Langite National "A" Lease Well No. 1, located in Unit
(Lease)
Letter H, Section 14, Township 25-S, Range 37-E, NMPM,
Lee County, New Mexico.

That said packer was set at a subsurface depth of 3770 feet, said depth measurement having been furnished by Steel Tape Measurement.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the comingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

The Atlantic Refining Company
(Company)

N. A. Carr
N. A. Carr (its Agent)

Subscribed and sworn to before me this the 20th day of January, AD, 19 60.

G. M. Souter G. M. Souter
Notary Public in and for the County
of Yoakum

My Commission Expires June 1, 1961.

Exh. 12

R-37-E

HOBBS OFFICE OGC

1958 NOV 24

2-29

King

Olsen & Atlantic

Stuart

Langlie

Western "A"

Atlantic

Anderson & Pritchard

West B

Johnson & French

Johnson & French

Langlie Fed. "B"

Atlantic

Johnson & French

Johnson & French

Stuart

Jal

Langlie Fed. "A"

Atlantic

Blocker US

Gulf

Jal

Langlie Fed.

Anderson & Pritchard

HBP

Langlie US

Western

LCM 6220

23

Western

Tidewater

Wimberly

D F

C B

D F

Mo E

B Mo

E

D Mk

23

THE ATLANTIC REFINING COMPANY
WEST TEXAS-NEW MEXICO REGION

24

JUSTIS BLINEBRY & UNDESIGNATED TUBB POOLS

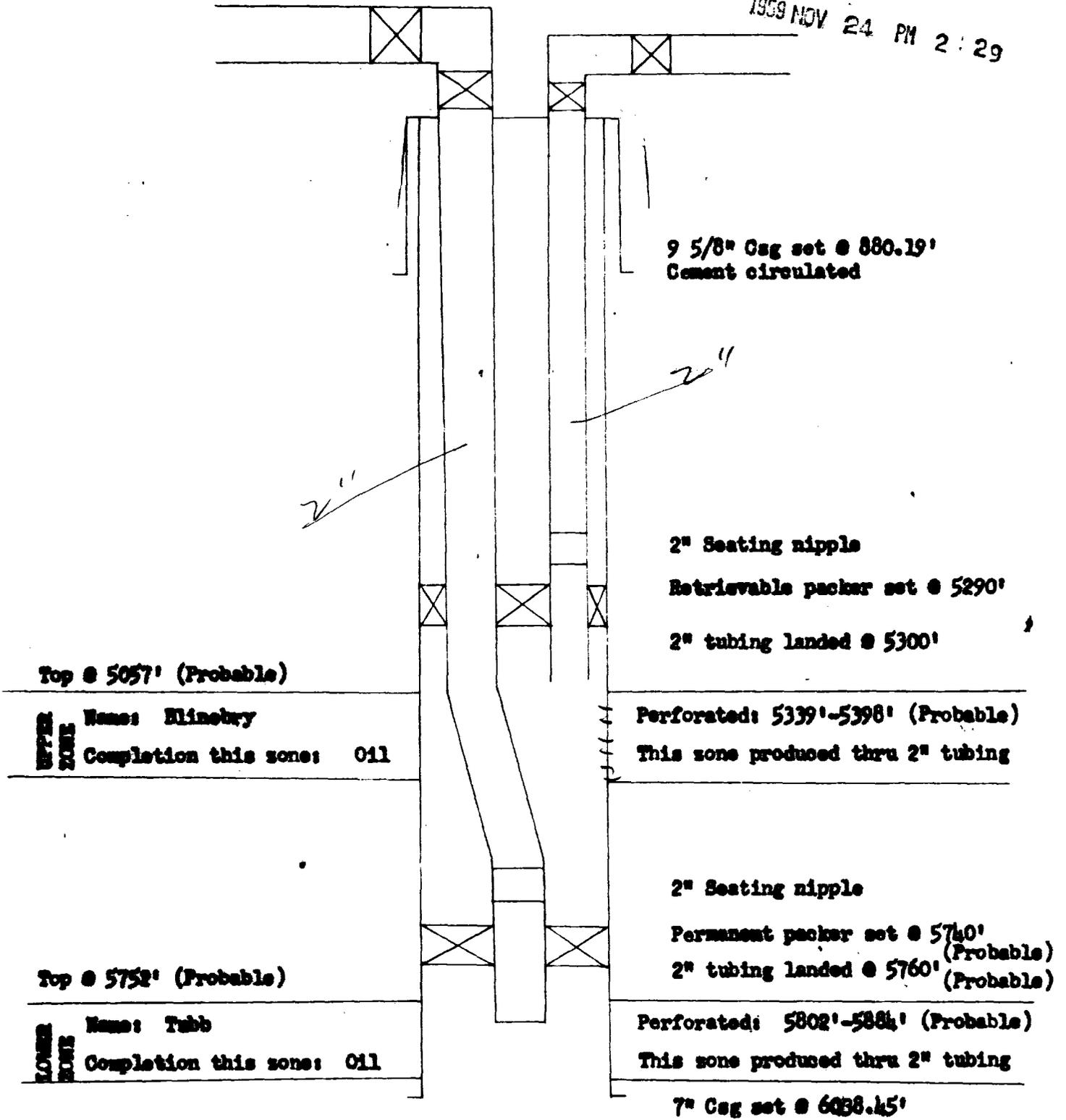
Scale: 1" = 1000'

To Accompany Application for Oil/Oil Dual
Atlantic - Langlie Federal "A" no. 1 Well

Case 1873

HOBBS OFFICE OCC

1959 NOV 24 PM 2:29



COMPANY: The Atlantic Refining Company
 LEASE: Langie Federal "A" No. 1
 FIELD: Justis (Blinebry) & Justis (Tubb)
 DATE: November 23, 1959

Case 1873

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE Nov. 20, 1959

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: Proposed NSP _____

Proposed NSL _____

Proposed NFC _____

Proposed DC X

Gentlemen:

I have examined the application dated 11/24/59

for the Atlantic Rfg. Co. Langlie Fed. "A" #1 14-25-37
Operator Lease and Well No. S-I-R

and my recommendations are as follows:

O.K.---E.F.E.

O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

