

J. C. WILLIAMSON
606 V & J TOWER
MIDLAND, TEXAS

Case 2427

C O P Y

October 1, 1961

TO ALL OFFSET OPERATORS:

RE: J. C. WILLIAMSON #5 WESTATES-FEDERAL, LEA COUNTY, NEW MEXICO

GENTLEMEN:

IF YOU HAVE NO OBJECTION TO THE DUAL COMPLETION OF THE ABOVE WELL AS SHOWN ON THE ATTACHED WAIVER AND APPLICATION FOR DUAL COMPLETION, WOULD YOU PLEASE SIGN THE ATTACHED WAIVER AND MAIL TO THE OIL CONSERVATION COMMISSION, HOBBS, NEW MEXICO.

YOURS VERY TRULY,

J. C. WILLIAMSON

Mary E. Smyre
BY Mary E. Smyre
Asst. to Supt.

*Noted
Mailed
10-27-61
D.R.*

C O P Y

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Gentlemen:

This is to advise that we do not object to the dual completion of the J.C. Williamson #5 Westates-Federal being 1730' FNL & 330'FWL of Section 1, T-25-S, R-37-E, (Wildcat - Undesignated), Lea County, New Mexico, said dual being from the Blinberry zone - perforations 5270-5356', 5416-5424', 5434-5464' and 5486-5502' and from the Drinkard zone - perforations 5958-5966', 5970-5790' and 6002-6020'. Total Depth of well being 6050'.

Name of Company

Signature and Title

Date

27 OCT 11 6 07

Handwritten signature

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Gentlemen:

This is to advise that we do not object to the dual completion of the J.C. Williamson #5 Westates-Federal being 1730' FNL & 330'FWL of Section 1, T-25-S, R-37-E, (Wildcat - Undesignated), Lea County, New Mexico, said dual being from the Blinberry zone - perforations 5270-5356', 5416-5424', 5434-5464' and 5486-5502' and from the Drinkard zone - perforations 5958-5966', 5970-5790' and 6002-6020'. Total Depth of well being 6050'.

Spelly Oil Co.
Name of Company
George W. Selinger
Signature and Title
10/20/61
Date

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Gentlemen:

This is to advise that we do not object to the dual completion of the J. C. Williamson #5 Westates-Federal being 1730' FNL & 330' FWL of Section 1, T-25-S, R-37-E, (Wildcat - Undesignated), Lea County, New Mexico, said dual being from the Blinberry zone - perforations 5270-5356', 5416-5424', 5434-5464' and 5486-5502' and from the Drinkard zone - perforations 5958-5966', 5970-5790' and 6002-6020'. Total Depth of well being 6050'.

Skelly Oil Company

By George W. Selinger
George W. Selinger

Date: 10-20-61

Lea 2427

AMERADA PETROLEUM CORPORATION

11

P. O. BOX 2040

TTLSA 2, OKLA.

T. J. Williamson

October 16, 1961

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Re: Application of J. C. Williamson
for dual completion for his #5
Westates-Federal, Lea County,
New Mexico

Gentlemen:

This is to advise that we do not object to the dual completion of the J. C. Williamson #5 Westates-Federal being 1730' FNL & 330' FWL of Section 1, T-25-S, R-37-E, (Wildcat - Undesignated), Lea County, New Mexico, said dual being from the Blinberry zone - perforations 5270-5356', 5416-5424', 5434-5464' and 5486-5502' and from the Drinkard zone - perforations 5958-5966', 5970-5790' and 6002-6020'. Total Depth of well being 6050'.

By *R. S. Christie*

R. S. Christie

cc: J. C. Williamson

*Received
7/11/62
10-5-62
J*

Max 2427

RECEIVED
OCT 12 1961

To:
Jimmie Kesteven

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Gentlemen:

This is to advise that we do not object to the dual completion of the J.C. Williamson #5 Westates-Federal being 1730' FNL & 330' FWL of Section 1, T-25-S, R-37-E, (Wildcat - Undesignated), Lea County, New Mexico, said dual being from the Blinberry zone - perforations 5270-5356', 5416-5424', 5434-5464' and 5486-5502' and from the Drinkard zone - perforations 5958-5966', 5970-5790' and 6002-6020'. Total Depth of well being 6050'.

Humble Oil & Refining Co.
Name of Company

James S. Meadows
Signature and Title
Area Engineering Coordinator

Oct 12, 1961
Date

CITIES SERVICE PETROLEUM COMPANY



FORMERLY NAMED

CITIES SERVICE OIL COMPANY

D. D. Bodie

Division Superintendent

BOX 97

HOBBS, NEW MEXICO

October 9, 1961

*To: Jim Koptine
Box 2045*

New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Re: J. C. Williamson #5 Westates-Federal
Lea County, New Mexico

Gentlemen:

We have no objection to the dual completion of the above
well as shown on the attached waiver.

Sincerely yours,

D. D. Bodie ejb

D. D. Bodie
Division Superintendent

DDB/sjb

Oil Conservation Commission
Box 2045
Hobbs, New Mexico

Gentlemen:

This is to advise that we do not object to the dual completion of the J.C. Williamson #5 Westates-Federal being 1730' FNL & 330'FWL of Section 1, T-25-S, R-37-E, (Wildcat - Undesignated), Lea County, New Mexico, said dual being from the Blinberry zone - perforations 5270-5356', 5416-5424', 5434-5464' and 5486-5502' and from the Drinkard zone - perforations 5958-5966', 5970-5790' and 6002-6020'. Total Depth of well being 6050'.

Alfred J. ... P.O.
Name of Company
Oil & Gas Co. Inc.
Signature and Title
Oct 7 - 61
Date

DRINKARD
CASING RECORD
&
PERFORATIONS

13 3/8	-	48#	-	8 rd	-	J&L	set at	170	-	Texas Pattern Guide Shoe	
9 5/8	-	32#	-	8 rd	-	J&L	set at	1005	-	Baker Collar & Shoe	
7	-	23 & 26#	-	8 rd	-	J&L	set at	6050			
2" EUE	-			8 rd	-	Long Star	set at	6023'			To Produce Oil

Drinkard Perforations - 5958 - 5966', 5970-5990', 6002-6020'

DRINKARD PRODUCTION

Dates

October 1, 1961

Put to Producing August 4, 1961

The production for the first 24 hours was 244 barrels of oil of which 100% was oil - no emulsion, water or sediment - Gravity, 37

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator J. C. WILLIAMSON			Lease WESTSTATES FEDERAL			Well No. 5	
Location of Well	Unit E	Sec 1	Tw 25 SOUTH	Rge 37 EAST	County LEA		
	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	NORTH JUSTICE BLENBRY		OIL	FLOW	TUBING	17/64	
Lower Compl	NORTH JUSTICE DRINKARD		OIL	FLOW	TUBING	24/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): NOVEMBER 3, 1961, 8:00 AM

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>NOVEMBER 4, 1961, 10:00 AM</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1850	750
Stabilized? (Yes or No).....	YES	YES
Maximum pressure during test.....	1850	750
Minimum pressure during test.....	1850	150
Pressure at conclusion of test.....	1850	150
Pressure change during test (Maximum minus Minimum).....	NONE	600
Was pressure change an increase or a decrease?.....	NONE	DECREASE
Well closed at (hour, date): <u>NOVEMBER 4, 1961, 1:00 PM</u>	Total Time On Production 3 HRS	
Oil Production	Gas Production	
During Test: <u>27.6</u> bbls; Grav. <u>35.2</u> ; During Test <u>11.6</u> MCF; GOR <u>421</u>		
Remarks <u>THIS WELL IS EQUIPPED WITH AN INTERMITTER AND NORMALLY WILL ONLY FLOW 3 HOURS BEFORE SHUTTING OFF. THERE WAS NO WATER PRODUCED ON THIS TEST.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): <u>NOVEMBER 5, 1961, 10:00 AM</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1850	700
Stabilized? (Yes or No).....	YES	YES
Maximum pressure during test.....	1850	740
Minimum pressure during test.....	1710	700
Pressure at conclusion of test.....	1710	740
Pressure change during test (Maximum minus Minimum).....	140	40
Was pressure change an increase or a decrease?.....	DECREASE	INCREASE
Well closed at (hour, date): <u>NOVEMBER 5, 1961, 5:00 PM</u>	Total time on Production 6 HRS.	
Oil Production	Gas Production	
During Test: <u>23.2</u> bbls; Grav. <u>37.1</u> ;During Test <u>501</u> MCF; GOR <u>21,600</u>		
Remarks <u>NO WATER PRODUCED ON THIS TEST</u>		

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 J. C. WILLIAMSON

By John W. West

Title ENGINEER

Date 11-6-1961

By _____

Title _____

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and when ever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall re-rat shut-in while the previously shut-in zone is produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

3. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

[illegible]

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 6
CASE NO. 2427

W. T. HAGLER
H. L. HAGLER
W. M. CATES
D. R. WATSON, JR.
R. W. HARRINGTON
L. W. BOERM
D. F. JONES
J. N. CASPARIS
FIELD PETROLEUM ENGINEERS

WEST TEXAS ENGINEERING SERVICE INC.

P. O. BOX 4456
MIDLAND 2-5361

2209 W. INDUSTRIAL AVE.
MIDLAND, TEXAS

FULL INSURANCE
COVERAGE

INDIVIDUAL WELL DATA SHEET

Company J. C. Williamson Lease Westates Federal Well No. 5

Field N. Justis Drinkard County Lea State New Mexico

Test Date 8-28-61 Time 10:30 am Status of Well Shut In

Top of Pay Total Depth Producing Formation Drinkard

Tubing " Depth B.H.C. Packer Pressure Datum

Casing " Depth Perf. Liner Packer

Depth Feet	Δ Depth	Pressure Lbs. Sq. In.	Δ Pressure	*Gradient Lbs./Ft.		
Surface		1500			Casing Press.	
	3180		150	.047	Tubing Press.	1500
3180		1650			Top of Fluid	5180
	2000		117	.058	Top of Water	No
5180		1767			Hrs. - Shut In	64.5
	500		161	.322	Temp. @	5880 = 105 °F
5680		1928			Elevation	
	200		65	.324	Last Test Date	No Previous Report
5880 Run Depth		1993			Press. Last Test	
					B.H.F. Change	
					Gain - Loss/Day	
					RPG	9891 BR
					Calibration No.	518 @ 105 °F
					Run By	L. W. Boerm
					Calculated By	L. W. Boerm
					Prod. Index-BBls/day/lbs drop	
					Last Cumulative Prod.	
					Present Cum. Prod.	
					Prod. Between Tests	
					Recovery Factor Between Tests	
					Recovery Factor BBls/lb Loss	

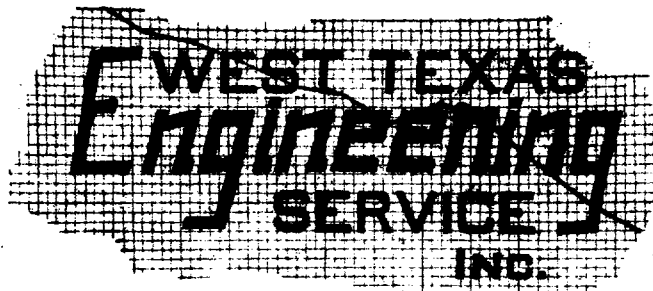
* Pressure and Gradients are calculated in decimals. Pressure and Δ pressure are shown to the nearest pound.

Calculations and Remarks:

Distribution

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
EXHIBIT NO.	<u>4</u>
CASE NO.	<u>2427</u>

W. T. HAGLER
H. L. HAGLER
W. M. CATES
D. R. WATSON, JR.
R. W. HARRINGTON
L. W. BOERM
D. F. JONES
J. N. CASPARIS
FIELD PETROLEUM ENGINEERS



P. O. BOX 4456
MUTUAL 2-5361

2209 W. INDUSTRIAL AVE.
MIDLAND, TEXAS

FULL INSURANCE
COVERAGE

INDIVIDUAL WELL DATA SHEET

Company J. C. Williamson Lease Westates Federal Well No. 5

Field N. Justis Blinebry County Lea State New Mexico

Test Date 8-28-61 Time 11:00 AM Status of Well Shut In

Top of Pay Total Depth Producing Formation Blinebry

Tubing " Depth ' B.H.C. Packer Pressure Datum

Casing " Depth ' Perf. Liner Packer

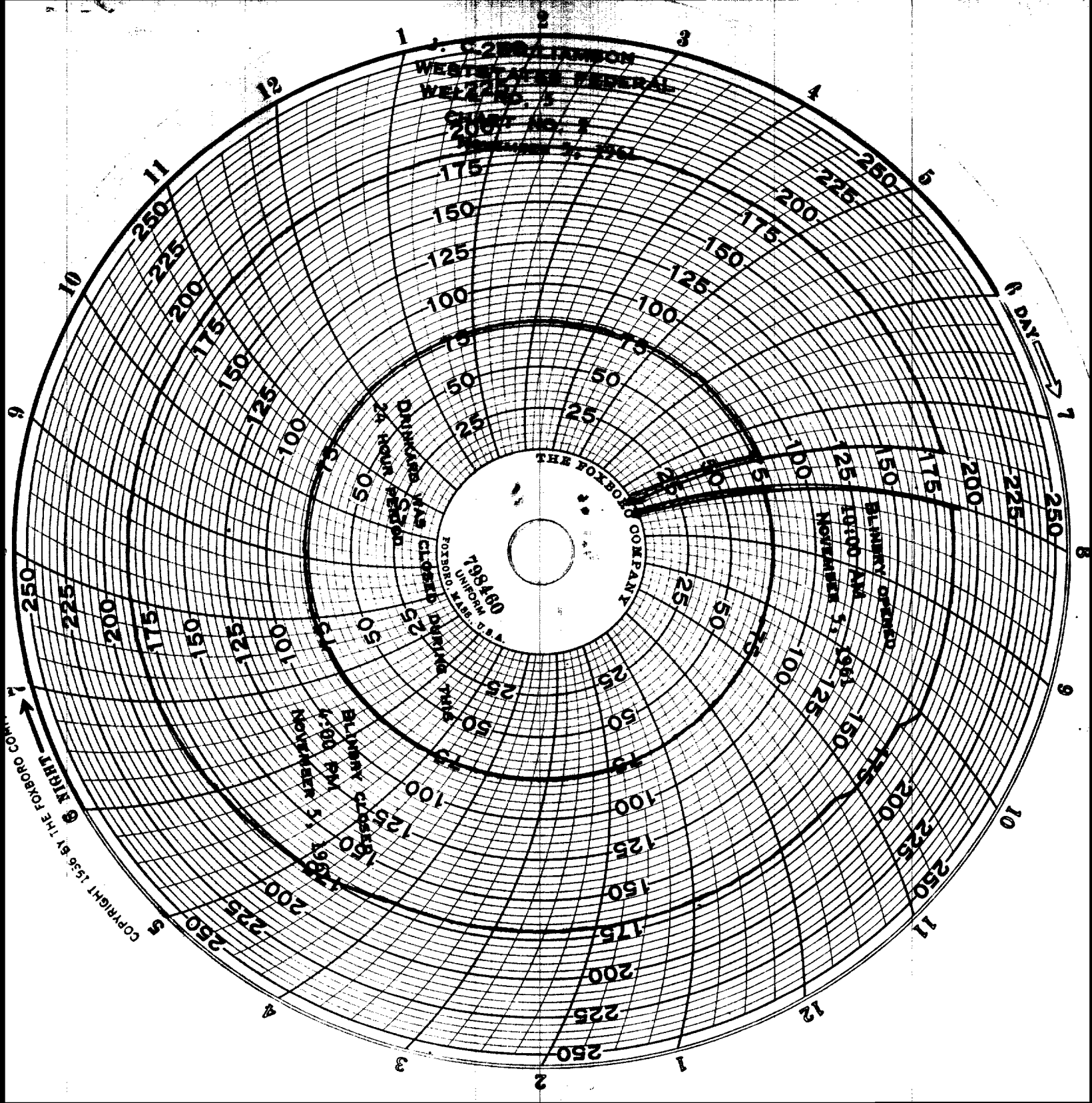
Depth Feet	Δ Depth	Pressure Lbs. Sq. In.	Δ Pressure	*Gradient Lbs./Ft.	
Surface		1883			Casing Press.
	3670		251	.068	Tubing Press. 1883
3690		2134			Top of Fluid No
	1000		71	.071	Top of Water No
4670		2205			Hrs.- Shut In 65.0
	500		37	.074	Temp. @ 5370 ' = 100 °F
5170		2242			Elevation
	200		15	.074	Last Test Date No Previous Report
5370 Run Depth		2257			Press. Last Test
					B.H.P. Change
					Gain - Loss/Day
					RPG 9891 BR
					Calibration No. 518 @ 100 °F
					Run By L. W. Boerm
					Calculated By L. W. Boerm
					Prod. Index-BBls/day/lbs drop
					Last Cumulative Prod.
					Present Cum. Prod.
					Prod. Between Tests
					Recovery Factor Between Tests
					Recovery Factor BBls/lb Loss

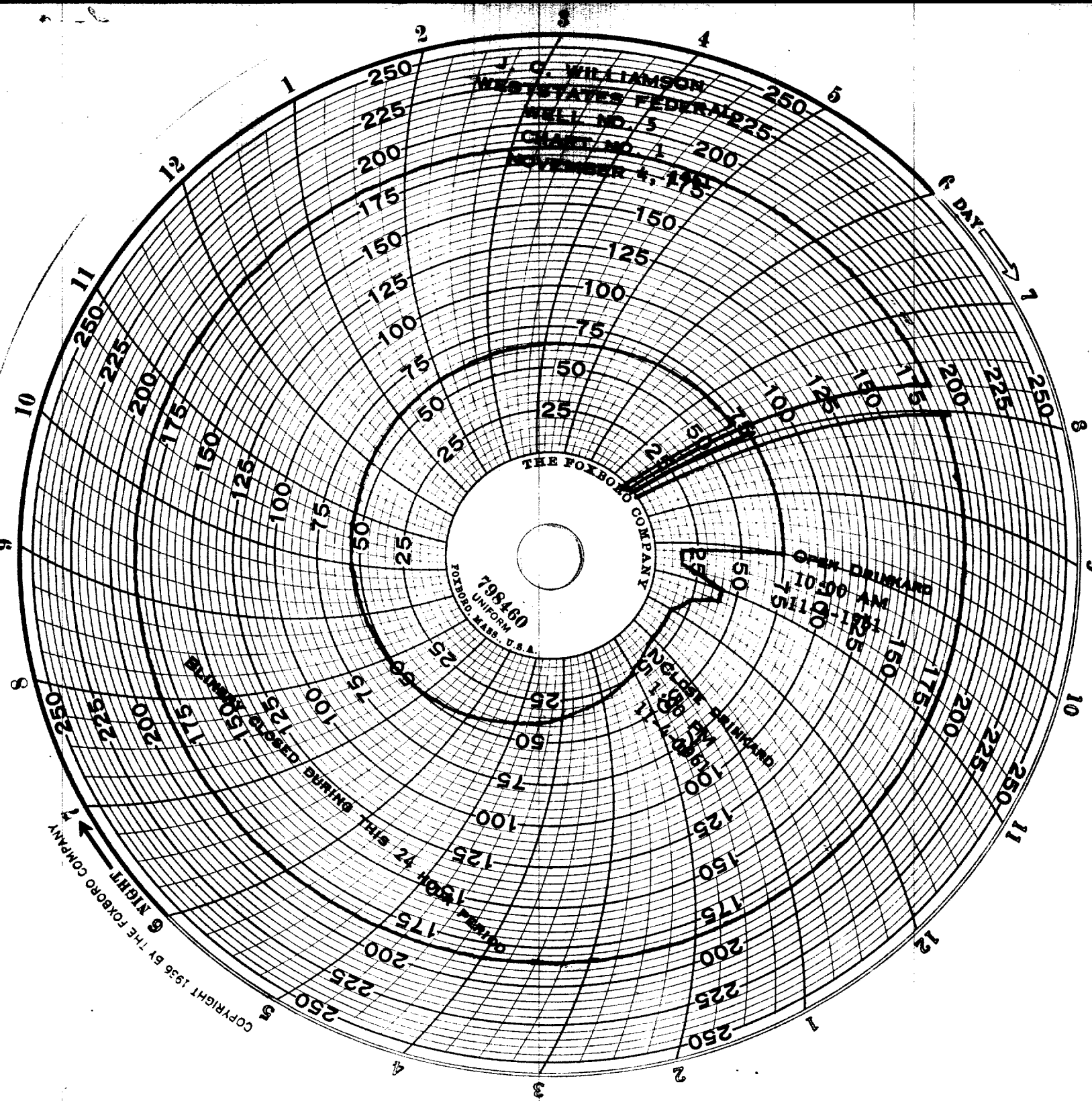
* Pressure and Gradients are calculated in decimals. Pressure and Δ pressure are shown to the nearest pound.

Calculations and Remarks:

Distribution 4 - P. O. Box 16
8-29-61 Midland, Texas
1 - Our File

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 2427





Diagramatic Sketch

J. C. Williamson
Westates-Federal #5

Undesignated Pool - Lea County, New Mexico
Blineberry - Drinkard Dual

Blineberry Flow

Drinkard Flow

McEvoy 6000# test
Dual Well Head

13 3/8" @ 169'
Circulated Cement

9 5/8" @ 1005'
Cemented W/250 sx 8%
plus 100 sx 4%

16 Centralizers spaced from
Total Depth up to 4000'

Blineberry Perfs
5270-5356'
5416-5424'
5434-5464'
5486-5502'

2 3/8" Tubing @ 5406'
on Blineberry

Brown Type BP4H Pkr.
set @ 5910'

Drinkard Perfs
5958-5966'
5970-5990'
6002-6020'

2 3/8" Tubing @ 6023'
on Drinkard
7" @ 6050' Cemented
W/270 sx 50/50 Diamix plus 4%

EXAMINER
REGISTRATION COMMISSION

24273

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

FORM C-110
(Rev. 7-60)

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator J. C. WILLIAMSON			Lease WE STATES-FEDERAL		Well No. 5
Unit Letter E	Section 1	Township 25-S	Range 37-E	County Los (Blinberry)	

Pool Wildcat	Kind of Lease (State, Fed, Fee) Fed - Las Cruces 032579 (e)
---------------------	--

If well produces oil or condensate give location of tanks	Unit Letter E	Section 1	Township 25-S	Range 37-E
---	----------------------	------------------	----------------------	-------------------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> The Permian Corporation	Address (give address to which approved copy of this form is to be sent) Box 4157, Midland, Texas
--	---

Is Gas Actually Connected? Yes ☐ No ☒

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
--	----------------	--

If gas is not being sold, give reasons and also explain its present disposition:

Vented and flared - Waiting on connection

REASON(S) FOR FILING (please check proper box)

New Well ☒ Change in Ownership ☐
Change in Transporter (check one) Other (explain below)
Oil ☐ Dry Gas ☐
Casing head gas ☐ Condensate ☐

Remarks **Well is a dual completion from Brinkard & Blinberry - Form C-110 approved for Brinkard 9/15/61**

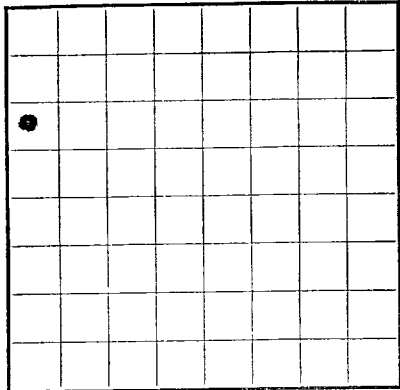
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **4** day of **October**, 19 **61**

OIL CONSERVATION COMMISSION		By
Approved by	ILLEGIBLE	<i>Mary E. Simpson</i> Asst. to Supt.
Title		Company J. C. WILLIAMSON
Date		Address BOX 16, MIDLAND, TEXAS

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032579 (e)
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. C. WILLIAMSON Address BOX 16, MIDLAND, TEXAS
Lessor or Tract WESTATES-FEDERAL Field Wildcat State New Mexico
Well No. 5 Sec. 1 T. 25-S R. 37-E Meridian NMPH County Lea
Location 1730 ft. N of Line and 330 ft. E of Line of Section 1 Elevation 3140 ft.
(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.
Signed _____

Date October 1, 1961 Title Geologist

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

Commenced drilling July 2, 1961 Finished drilling July 31, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4750 to 4870 (G) No. 4, from 5956 to 6020
No. 2, from 4896 to 4927 (G) No. 5, from _____ to _____
No. 3, from 5050 to 5575 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	48	8 rd	J & L	170	Texas Pat.				
9 5/8	32	8 rd	J & L	1005	Baker				
7	23 & 26	8 rd	J & L	6050			5270	5356	
2" RUE		8 rd	Long Star	5406 (Blindberry)			5270	5356	Production
							5270	5356	
							5486	5502	
* SEE ATTACHED SHEET FOR DRILLHOLE PERFS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	170	180	Pump & Plug	9/3 - Visc 37	Unknown
9 5/8	1005	330			
7	6050	272			

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 6050 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

* SEE ATTACHED SHEET FOR DRILLHOLE PRODUCTION DATES BLINDBERRY

October 1, 1961 Put to producing September 1, 1961

The production for the first 24 hours was 99 barrels of fluid of which 99.8 % was oil; .2 % emulsion; - % water; and - % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Bob Hillin, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	85	85	Caliche & Surface Sands
85	946	861	Redbed
946	2350	1404	Salt & Anhydrite
2350	3618	1268	Anhy. & Dolo. W/streaks of SS
3618	4670	1052	Dolomite
4670	4750	80	Sdy. Dolomite
4750	5656	906	Dolomite
5656	5833	177	Dolomite & Sand
5833	6050	217	Dolomite
LOG TOPS			
Rustler	946		
Yates	2350		
San Andres	3618		
Glor.	4656		
Tubbs	5656		

FORMATION RECORD—Continued

FROM--	TO--	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DRINKARD
CASING RECORD
/s/
PERFORATIONS

13 3/8 - 48# - 8 rd - J&L set at 170 - Texas Pattern Guide Shoe
9 5/8 - 32# - 8 rd - J&L set at 1005 - Baker Collar & Shoe
7 - 23 & 26# 8 rd - J&L set at 6050
2' EUE - 8 rd - Lone Star set at 6023' To Produce Oil

Drinkard Perforations - 5958 - 5966', 5970-5990', 6002-6020'

DRINKARD PRODUCTION

Dates

October 1, 1961

Put to Producing August 4, 1961

The production for the first 24 hours was 244 barrels of oil of
which 100% was oil - no emulsion, water or sediment - Gravity, 37

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.

Midland, Texas

October 1, 1961

(Place)

(Date)

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

J. C. WILLIAMSON

Westates-Federal

Well No. 5

in NW 1/4

SW 1/4

(Company or Operator)

(Lease)

E, Sec. 1, T. -25-S, R. -37-E, NMPM, Wildcat Pool

Lea

County. Date Spudded 7/2/61

Date Drilling Completed 7/31/61

Please indicate location:

Elevation 3140 BP

Total Depth 6030 PBD

Top Oil/Gas Pay 5270'

Name of Prod. Form. Blinsberry

PRODUCING INTERVAL -

Perforations 5270-5336', 5416-5428', 5434-5464', 5486-5502'

Open Hole Depth Casing Shoe 6030 Depth Tubing 5406

OIL WELL TEST -

Natural Prod. Test: 0 bbls. oil, 0 bbls water in 0 hrs, 0 min. Choke Size 12/64

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 88 bbls. oil, 0 bbls water in 24 hrs, 0 min. Choke Size 12/64

GAS WELL TEST -

Natural Prod. Test: 0 MCF/Day; Hours flowed 0 Choke Size 12/64

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

Test After Acid or Fracture Treatment: 0 MCF/Day; Hours flowed 0

Choke Size 12/64 Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 15,000 Gal. Oil plus 1 1/2' sand per gal.

Casing Press. 1700 Tubing Press. 1200 Date first new oil run to tanks September 1, 1961

Oil Transporter The Permian Corporation

Gas Transporter

Tubing, Casing and Cementing Record

Size	Feet	Sax
13 3/8	170	180
9 5/8	1005	350
7	6030	272
2" EUE	5406	

Remarks: This is the upper zone of a dual well.
Drinkard application filed 9/1/61

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

Approved: J. C. WILLIAMSON

J. C. WILLIAMSON

(Company or Operator)

OIL CONSERVATION COMMISSION

By: [Signature] (Signature)

Title: Asst. to Supt.

Send Communications regarding well to:

Name: J. C. Williamson

Address: Box 16, Midland, Texas

By:

Title: ILLEGIBLE

Diagrammatic Sketch

J. C. Williamson
Westates-Federal #5

Undesignated Pool - Lea County, New Mexico
Blineberry - Drinkard Dual

Blineberry Flow

Drinkard Flow

McEvoy 6000# test
Dual Well Head

13 3/8" @ 169'
Circulated Cement

9 5/8" @ 1005'
Cemented W/250 sx 8%
plus 100 sx 4%
T/Cement 150'
16 Centralizers spaced from
Total Depth up to 4000'

Blineberry Perfs
5270-5356'
5416-5424'
5434-5464'
5486-5502'

2 3/8" Tubing @ 5406'
on Blineberry

Brown Type BP4H Pkr.
set @ 5910'

Drinkard Perfs
5958-5966'
5970-5990'
6002-6020'

2 3/8" Tubing @ 6023'
on Drinkard
7" @ 6050' Cemented
W/270 sx 50/50 Diamix plus 4%
T/Cement 4335'

