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NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

HOBBS OFFICE

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DEC 23 8 50 AM '63

FORM C-110
O.C.C. (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator	Lease	Well No.
SOHIO PETROLEUM COMPANY	Percy Hardy	1

Unit Letter	Section	Township	Range	County
N	17	21-S	37-E	Lea

Pool	Kind of Lease (State, Fed, Fee)
Blinebry	Patented

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range
	N	17	21-S	37-E

Authorized transporter of oil [X] or condensate [ ]

Texas-New Mexico P. L. Company

Address (give address to which approved copy of this form is to be sent)

P. O. Box 1510, Midland, Texas

Is Gas Actually Connected? Yes X No ____

Authorized transporter of casing head gas [ ] or dry gas [X]

Northern Natural Gas Company

Date Connected

Address (give address to which approved copy of this form is to be sent)

2223 Dodge St., Omaha, Nebraska

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

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

New Well . . . . . [ ]

Change in Transporter (check one)

Oil . . . . . [ ] Dry Gas . . . . [ ]

Casing head gas . [ ] Condensate . . [ ]

Change in Ownership . . . . . [ ]

Other (explain below)

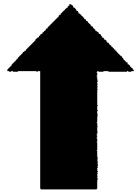
Remarks

El Paso physically transporting gas under separate agreement with Northern Natural Gas Company.

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

Executed this the 19th. day of December, 19 63.

OIL CONSERVATION COMMISSION	By
Approved by	Title DISTRICT CLERK
Title	Company SOHIO PETROLEUM COMPANY
Date	Address P. O. BOX 3167, MIDLAND, TEXAS



LTR

Job separation sheet

This form is not to be used for reporting packer leakage tests in Northwest New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator		Lease		Well No.
SOHIO PETROLEUM COMPANY		PERCY HARDY		1
Location of Well: Unit N	Sec 17	Twp 21 S	Rge 37 E	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	BLINEBRY	GAS	FLOW	CSG	1"ORFICE
Lower Compl	DRINKARD	OIL	FLOW	TBG	32/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM 5-2-63

Well opened at (hour, date): 9:30 AM 5-3-63

Indicate by (X) the zone producing	Upper Completion	Lower Completion
		X
Pressure at beginning of test	1090	615
Stabilized? (Yes or No)	YES	NO
Maximum pressure during test	1090	615
Minimum pressure during test	1090	10
Pressure at conclusion of test	1090	10
Pressure change during test (Maximum minus Minimum)	0	605
Was pressure change an increase or a decrease?	-	DECREASE

Well closed at (hour, date): 9:30 AM 5-4-63 Total Time On Production 24.0 HOURS

Oil Production During Test: 1.15 bbls; Grav. 36.8 ; Gas Production During Test 33.856 MCF; GOR 29,440

Remarks

FLOW TEST NO. 2

Well opened at (hour, date): 9:15 AM 5-5-63

Indicate by (X) the zone producing	Upper Completion	Lower Completion
	X	
Pressure at beginning of test	1110	625
Stabilized? (Yes or No)	YES	YES
Maximum pressure during test	1110	625
Minimum pressure during test	830	625
Pressure at conclusion of test	830	625
Pressure change during test (Maximum minus Minimum)	280	0
Was pressure change an increase or a decrease?	DECREASE	-

Well closed at (hour, date) 9:15 AM 5-6-63 Total time on Production 24.0 HOURS

Oil Production During Test: 16.0 bbls; Grav. 65.0 ; Gas Production During Test 825.491 MCF; GOR 51,593

Remarks

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

By _____

Title _____

Operator SOHIO PETROLEUM COMPANY

By COLEMAN PETROLEUM ENGINEERING CO.

Title AGENT

Date 5-6-63

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 whenever 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 conducted 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.

5. 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 remain 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.

8. 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 12-1-55, 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 dead-weight 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.