

Application for Administrative Approval for Downhole Commingling

OIL CONSERVATION DIVISION
RECEIVED

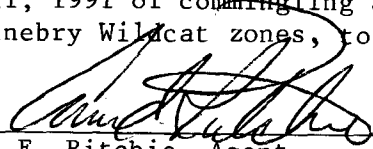
31 APR 22 AM 10 45

- (a) NAME AND ADDRESS OF OPERATOR
Seay Exploration, Inc.
407 N. Big Spring
Suite 200
Midland, Texas 79701
- (b) LEASE AND WELL ID
Lease Name: House
Well No.: 1
Location: Unit D, 330 FNL, 330 FWL, Sec. 13, T-20-S, R-38-E
Lea Co., New Mexico
Pools to be Commingled: House Drinkard & Wildcat - Blinebry
(6927' - 7019') (6008' - 6111')
- (c) PLAT OF AREA: See attached
- * (d) FORM C-116: See attached
- (e) PRODUCTION DECLINE CURVES: See attached
- (f) ESTIMATED BOTTOM HOLE PRESSURE:
Blinebry 1500 psi (est)
Drinkard 1200 psi (est)
- (g) FLUID CHARACTERISTICS:
Blinebry Oil Grav. 38.5 API, No water production.
Drinkard Oil Grav. 38.5 API, No water production
- (h) COMPUTATION SHOWING THAT VALUE OF COMMINGLED STREAM WILL NOT BE
LESS THAN SUM OF INDIVIDUAL ZONES.
See attached graph
- (i) FORMULA FOR ALLOCATION OF PRODUCTION
Drinkard Oil Prdn. = Lease Oil Prdn. x .25
Drinkard Gas Prdn. = Lease Gas Prdn. x .85

Blinebry Oil Prdn. = Lease Oil Prdn. x .75
Blinebry Gas Prdn. = Lease Gas Prdn. x .15
- (j) OFFSET OPERATORS:
(1). Leonard Resources - E, SE, S, SW, W
407 N. Big Spring, Suite 200, Midland, Texas 79701
(2). Saba Energy - NW
4500 W. Illinois, Suite 213, Midland, Texas 79701
(3). American Exploration - N
2100 Republic Bank Center, 700 Louisiana, Houston, Texas 77002
(4). Texas Crude - NE
2100 Texas Crude Bldg., Houston, Texas 77002

5) R.A. Pierce
Box 303
Eunice, NM 88231

Notice has been sent on this the 16th day of April, 1991 of comingling administrative approval for the House Drinkard and Blinebry Wildcat zones, to all offset operators.


Ann E. Ritchie, Agent
Seay Exploration, Inc.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P.O. BOX 2018
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator <i>Seay Exploration, Inc.</i>		Pool <i>House Drinkard</i>		County <i>Lea</i>											
Address <i>407 N. Big Spring, Suite 200, Midland, TX 79701</i>		TYPE OF TEST - (X) ☒ Scheduled ☐ Special		Completion ☒ ☐											
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BAL	
		U	S	T	R						WATER BBL.S.	GRAV. OIL BBL.S.	GAS M.C.F.		
<i>House</i>	<i>1</i>	<i>D</i>	<i>13</i>	<i>205</i>	<i>38E</i>	<i>1-12-91</i>	<i>F 14/64</i>	<i>490</i>	<i>-</i>	<i>24</i>	<i>0</i>	<i>38</i>	<i>9</i>	<i>360</i>	<i>40,000</i>

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 101 and appropriate pool rules.

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

[Signature]

(Signature)

Agent

(Title)

4-16-91

(Date)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2018
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator

Seay Exploration, Inc.

Pool

Whitcat - Blinberry

County

Lea

Address

407 N. Big Spring, Suite 200, Midland, TX 79701

TYPE OF TEST - (X)

Scheduled ☐

Completion ☒

Special ☐

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL
		U	S	T							R	WATER BBL'S.	CRAY. OIL BBL'S.	OIL BBL'S.	
House	1	D	13	205	38E		-	-	-	24	0	38	20	36	1800

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-well ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Division.

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

(Signature)

Agent

(Title)

4-16-91

(Date)

DRINKARD ZONE

TSTD. 1-11-91 to 2-21-91

GAS MCF/DAY

46 5490

10
9
8
7
6
500
400
300
200
100

GAS

KE SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

OIL BBL/DAY

9
8
7
6
5
4
3
20
10
9
8
7
6
5
4
3
2
1

OIL

1-11-91

2-21-91

BLINEBRY ZONE

TSTD. 2-27-91 to 3-4-91

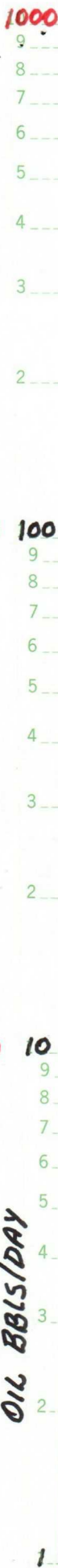
BLINEBRY AND DRINKARD ZONES

TSTD. 3-26-91 to 4-12-91

SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KUEFFEL & ESSER CO. MADE IN U.S.A.

GAS MCF/DAY

OIL BBLS/DAY





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION
RECEIVED

'91 APR 25 AM 10 25

4-19-91

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC
DHC ☒
NSL
NSP
SWD
WFX
PMX

Gentlemen:

I have examined the application for the:

Seay Exploration Inc. House #1-D 13-20-38
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed