

SAMEDAN OIL CORPORATION
SUITE 320 PARAGON TOWER
600 NORTH MARIENFELD
MIDLAND, TEXAS 79701
(915) 683-5536

January 24, 1984

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Parks "A" #3
Unit Letter P, 660' FSL &
660' FEL of Section 14, T-22-S,
R-37-E NMPM, Lea County, New Mexico

Gentlemen:

Samedan Oil Corporation would like to submit this written application for downhole commingling between the Wantz Abo and the Drinkard zones. The Wantz Abo current production is 28 BOPD + 180 MCFD. The Drinkard current production is 0. After commingling, production will be on pump and is estimated at 50 BOPD + 210 MCFD.

The Drinkard zone will make approximately 30 MCFD + 0 BOPD when flowing up tubing. The Abo currently produces 28 BOPD + 180 MCFD. After commingling zone and putting on pump, 1/7 of the gas production will be attributed to the Drinkard, while 6/7 of the gas production and all the oil production will be attributed to the Abo.

Yours truly,


Vertis Diamond
Division Clerk

WVD:ak

Attachment

cc: New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

January - December 1983 Drinkard Decline Curve

000

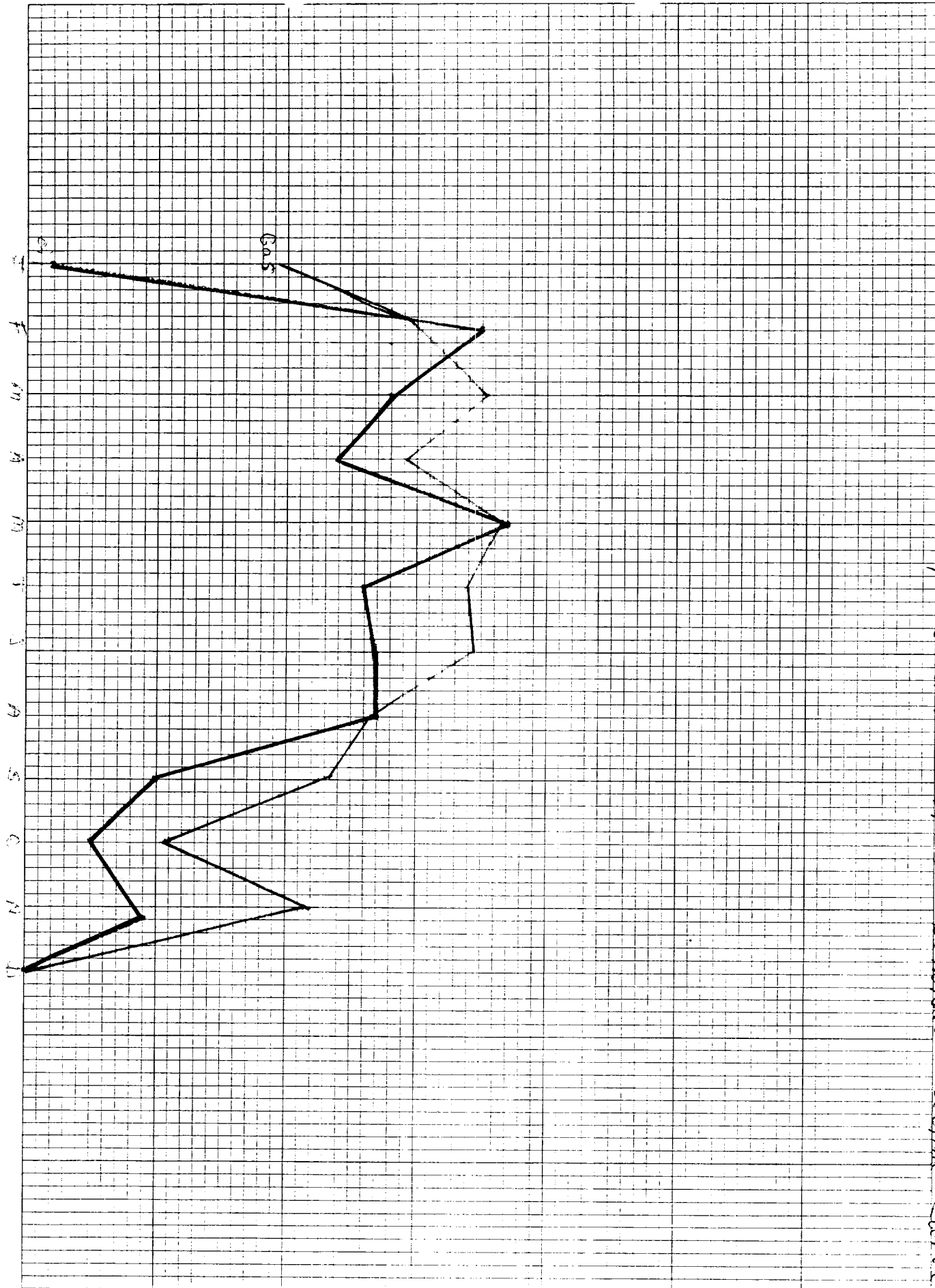
050

090

030

070

010



Drinkard Oil

Drinkard Gas

46 0703

10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.



ABO ZONE

Acid-frac Abo perfs w/15,500 gal 2% KCL gelled pad and 13,500 gal 20% gelled HCL w/600 SCF N₂/bbl in 3 equal stages w/5 ball sealers between stages. 50 PSI increase w/1st stage of balls; 250 PSI increase w/2nd stage of ball sealers. Wantz Abo zone tested - flowing on 32/64" choke, 45 tbg press. Production was 55 bbls oil, 16 bbls water, 220 MCF gas with 4000 GOR. Oil gravity - 40 degrees.

GAS-OIL RATIO TESTS

Operator Samedan Oil Corporation		Pool Wantz Abo		County Lea										
Address 600 N. Marienfeld, Suite 320, Midland, Texas, 79701		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐										
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	
		U	S	T						R	WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.
Parks "A"	3	P	14	22-S	37-E	F	1/2	53	24	12	40	28	180	6429

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 allowables 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 301 and appropriate pool rules.

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

(Signature)

Division Clerk

(Title)

1-24-84

GAS-OIL RATIO TESTS

Operator Samedan Oil Corporation		County Lea												
Address 600 N. Marienfeld, Suite 320, Midland, Texas, 79701		TYPE OF TEST - (X) Scheduled ☐ Completion ☐ Special ☒												
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	
		U	S	T						R	WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.
* Parks "A"	3	P	14	22-S	37-E	F 1/2		2	24	0	38	1	40	40,000
* Test taken previous to completion of Wantz Abo zone. Drinkard zone now loads up with fluidmaking it unable to produce.														

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

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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.

Well 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)
Division Clerk

1-24-84
(Date)

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 505 393-5396 — 393-8274

HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Samedan Oil Corporation
 FIELD Drinkard
 FORMATION Drinkard
 LEASE Parks A WELL No. 4
 COUNTY Lea STATE New Mexico
 DATE 1/18/84 TIME 2:30 PM
 Status Shut in
 Test Depth 6348'
 Time S. I. 30.0 hrs. Last test date -
 Tub Pres. 36 BHP last test -
 Cas. Pres. PKR BHP change -
 Elev. 3334' GL Fluid top 4577'
 Datum (-3025)** Water top None
 Temp. @ 106 F Run by JSI #10
 Cal. No. A20274N Chart No. 2

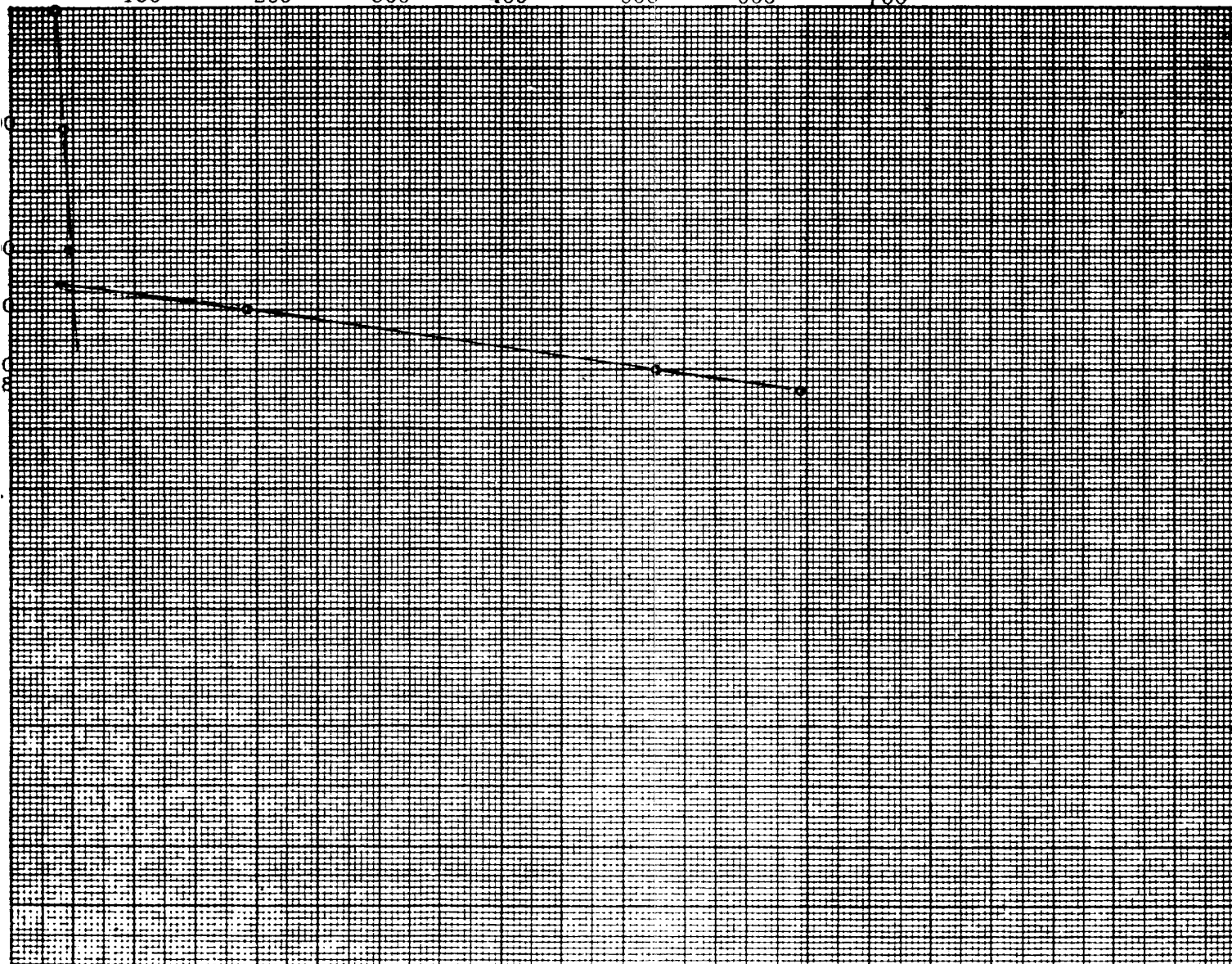
Depth	Pressure	Gradient
0	36	-
2000	42	.003
4000	48	.003
5000	192	.144
6000	528	.336
6348 +	646	.339
6359 (-3025)	650 * **	(.339)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS

+ HIT OBSTRUCTION

100 200 300 400 500 600 700 Pressure



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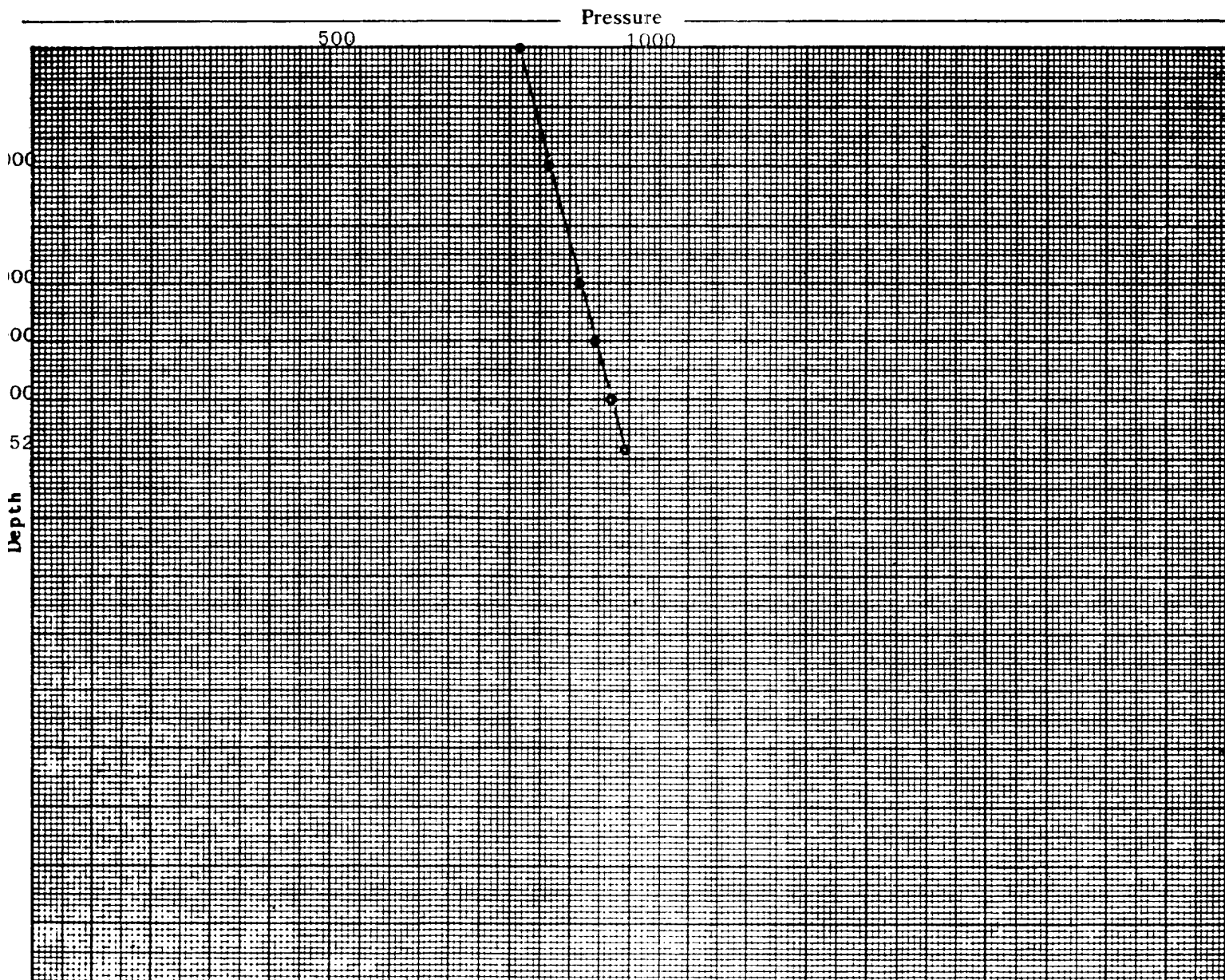
HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Samedan Oil Corporation
FIELD Wantz
FORMATION Abo
LEASE Parks A WELL No. 3
COUNTY Lea STATE New Mexico
DATE 1/18/84 TIME 1:00 PM
Status Shut in
Test Depth 6852'
Time S. I. 29.0 hrs. Last test date 10/17/83
Tub Pres. 818 BHP last test 2155
Cas. Pres. PKR BHP change 1158# Loss
Elev. 3333' GL Fluid top None
Datum (-3519)** Water top None
Temp. @ 108° F Run by JSI #10
Cal. No. A20274N Chart No. 1

Depth	Pressure	Gradient
0	818	-
2000	866	.024
4000	918	.026
5000	945	.027
6000	973	.028
6852 (3519)	997 **	.028

** MIDPOINT OF CASING PERFORATIONS



**NEW-TEX
LAB**

PHONE 505 393-3561 • P. O. BOX 1161 • 611 W. SNYDER • HOBBS, NEW MEXICO 88240

LABORATORY REPORT

Test No. 1819
Date of Run 11-11-83
Date Received 11-10-83

A Sample of _____
Secured from Samedan Oil Corporation
Box 190
Hobbs, New Mexico 88240
Secured by _____
Time _____ Date _____
Sampling Condition: _____

Attn: Bob Frizzell

SPECIAL ANALYSIS AND TESTS

Parks #3 ABO .30 WT % Total Sulfur

API Gravity 37.3 at 60°

Pen Rose Queen 1.10 WT % Total Sulfur

API Gravity 38.2 at 60°

Run by DS Approved by [Signature]

NEW-TEX LAB

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

RECEIVED

OCT 27 1983

HOBBS OFFICE

ANALYSIS CERTIFICATE

CLIENT: JOHN WEST ENGINEERING
ADDRESS: 412 N DAL PASO
CITY, STATE: HOBBS NM 88240

ANALYSIS NUMBER: 1666
DATE OF RUN: 10 24 83
DATE SECURED: 10 24 83

SAMPLE IDENT:
SAMPLING PRESS:

SAMEDAN OIL - (PARKS "A" #3)
SAMPLING TEMP:

Abo gas

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	10.248	
CARBON DIOXIDE	3.590	
METHANE	65.642	
ETHANE	12.194	3.252
PROPANE	5.495	1.508
ISO-BUTANE	0.461	0.150
NORMAL BUTANE	1.450	0.456
ISO-PENTANE	0.156	0.057
NORMAL PENTANE	0.177	0.064
HEXANES	0.587	0.241
HEPTANES PLUS	0.000	0.000
TOTAL	100.000	5.728

PROPANE GPM: 1.51
ETHANE GPM: 3.25

BUTANES GPM: 0.61
PENTANES PLUS GPM: 0.36

SPECIFIC GRAV (CALC): 0.7923
MOLE WEIGHT: 22.94

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		1102	1121
14.650		1098	1118
14.730		1104	1124
14.735		1105	1124

Diane Simpson
JP

R H HAMILTON

The following is a list of the Offset Operators that have been notified of our intention to downhole commingle the Parks "A" #3 (Abo and Drinkard):

John Hendrix
403 Wall Towers West
Midland, TX 79701

Continental Oil Company
P. O. Box 460
Hobbs, NM 88240

Sohio Petroleum Company
P. O. Box 3000
Midland, TX 79701

Amerada Hess Corporation
P. O. Drawer 817
Seminole, TX 79360

Texas Pacific Oil Company
P. O. Box 4067
Midland, TX 79701

Gulf Oil Corporation
P. O. Box 670
Hobbs, NM 88240

Atlantic Richfield Company
P. O. Box 1610
Midland, TX 79702

Polaris Prod. Company
P. O. Box 1749
Midland, TX 79702

