

WELL North Park Fed. #1

DATE December 3, 1987

DST REPORT

DST # 1

Interval: (6,285'-6,402' (117')) Formation: Fusselman

DESCRIPTION:

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PIPE RECOVERY:

960' total fluid recovered; 460' dm & 500' mcs

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ARTESIA, OFFICE

SAMPLE CHAMBER:

2400 cc vs mcs
.219 cubic feet gas
2765 cc total sample volume
Pressure 210 psi in sample chamber

PRESSURE CHART DATA:

	<u>Pressures</u>	<u>Times (Minutes)</u>
Initial Hydrostatic Mud (IHP)	3,265	
Initial Flow * (IFP)	157 inc. to 170	15
Initial Shut-in (ISIP)	2,412	30
Final Flow * (FFP)	314 inc. to 497	120
Final Shut-in (FSIP)	2,491	240
Final Hydrostatic Mud (FHP)	3,199	

Bottom-Hole Temperature: 184° F

WELL No. Park Fed. #1

DATE December 5, 1987

DST REPORT

DST # 2

Interval: (6,285'-6,344', 59') Formation: Sil. Fusselman

DESCRIPTION: Tool open with good blow to bottom of bucket in min., 12 oz. pressure

PIPE RECOVERY: 180' vso & gcm
1,070' gas

SAMPLE CHAMBER: 1,200 cc o & gcm
0.88 cu ft. g.
200 psi

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ARTESIA, OFFICE

PRESSURE CHART DATA: 1

	<u>Pressures</u>	<u>Times (Minutes)</u>
Initial Hydrostatic Mud (IHP)	3313	
Initial Flow * (IFP)	117	5
Initial Shut-in (ISIP)	234	30
Final Flow * (FFP)	117	120
Final Shut-in (FSIP)	334	240
Final Hydrostatic Mud (FHP)	3313	

Bottom-Hole Temperature: 186° F

* Record pressures for beginning and end of each flow test if available.

	R.W.	C1
Top	0.12	65,000 ppm
Middle	0.12	65,000 ppm
Bottom	0.10	78,000 ppm
S.C.	0.08	98,000 ppm

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All distances must be from the outer boundaries of the Section.

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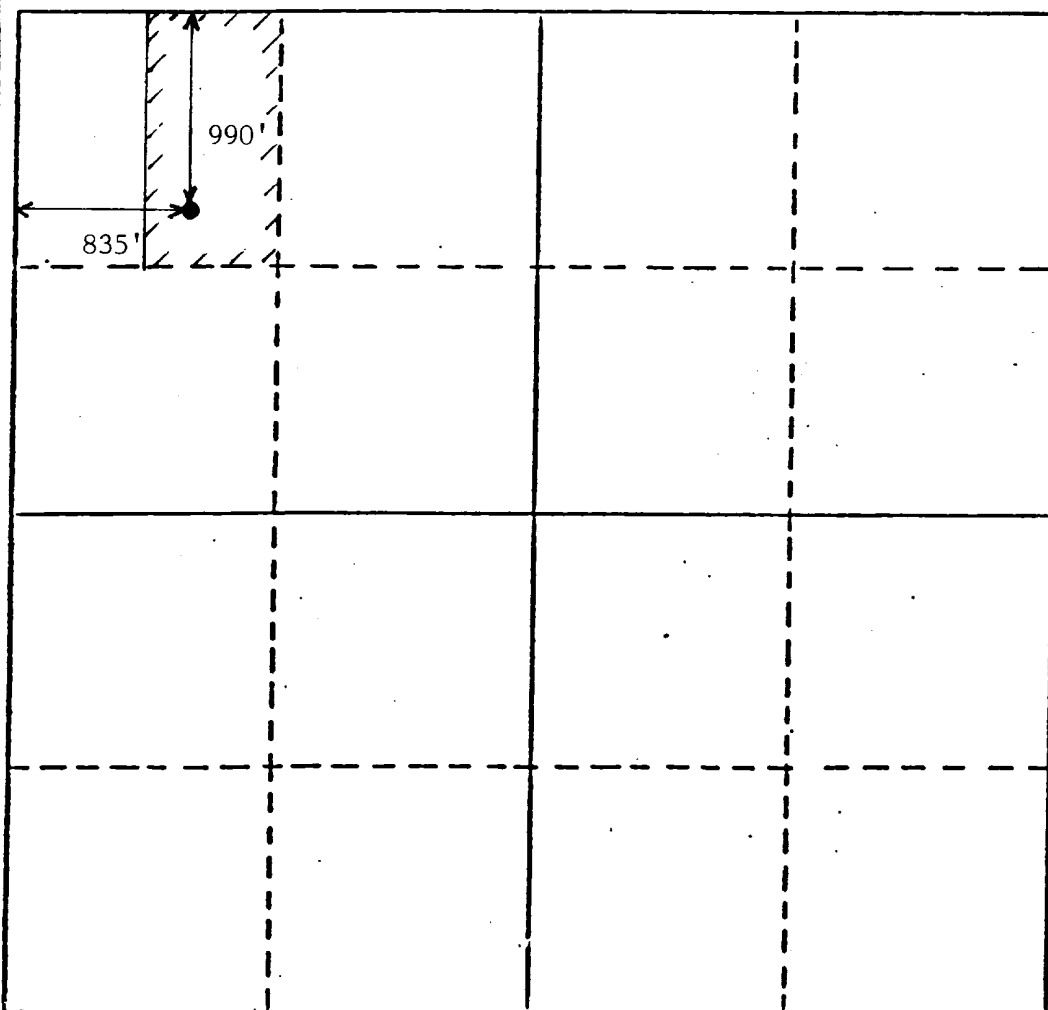
Operator Marathon Oil Company			Lease North Park Federal			Well No. 1
Unit Letter D	Section 20	Township 11 South	Range 27 East	County Chaves		
Actual Footage Location of Well: 990 feet from the North line and 835 feet from the West line						
Ground Level Elev. 3685	Producing Formation Queen		Pool Coyote Queen		Dedicated Acreage 20 1/2	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

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

Allen S. Wilson

Name
Allen S. Wilson

Position
Operations Engineer

Company
Marathon Oil Company

Date
8/3/88

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400 6720 7040 7360 7680 8000

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INCLINATION REPORT

O. C. D.
ARTESIA, OFFICE OPERATOR Marathon Oil Company ADDRESS P.O. Box 552, Midland, TX 79702

LEASE North Park Federal WELL NO. 1 FIELD Coyote Queen

LOCATION 990' FNL & 835' FWL, T-11-S, R-27-E, Chaves County, New Mexcio

<u>Depth</u>	<u>Inclination (Degrees)</u>	<u>Displacement</u>	<u>Displacement Accumulated</u>
445	3/4	5.96	5.96
944	3/4	6.40	12.36
1172	3/4	2.98	15.34
1551	1	6.61	21.95
2031	1/2	4.19	26.14
2519	3/4	6.39	32.53
2993	1/4	2.07	34.60
3334	3/4	4.46	39.06
3818	1	8.45	47.51
4293	3/4	6.22	53.73
4724	1/2	3.76	57.49
5455	1	12.76	70.25
5941	1	8.48	78.73
6179	1 1/2	6.23	84.96
6332	1 1/2	4.00	88.96
6585	1 3/4	7.73	96.69

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Allen S. Wilson
Title: Operations Engineer

Affidavit:

Before me, the undersigned authority, appeared Allen S. Wilson known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Allen S. Wilson
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 3rd day of August 1988.

Terry J. McCullough
Notary Public in and for the County
of Midland, State of Texas
TERRY J. McCullough
My Commission Expires 10-31-89

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