

NEW MEXICO CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAN

Form No. 1
Revised 6-1-79
The above is true

All distances must be from the outer to center of the well.

William Beach
20 10 South 34 East
North 1080 West
Morrow Quail Ridge (Morrow) 320

The acreage dedicated to the subject well by the owner of the tract is:

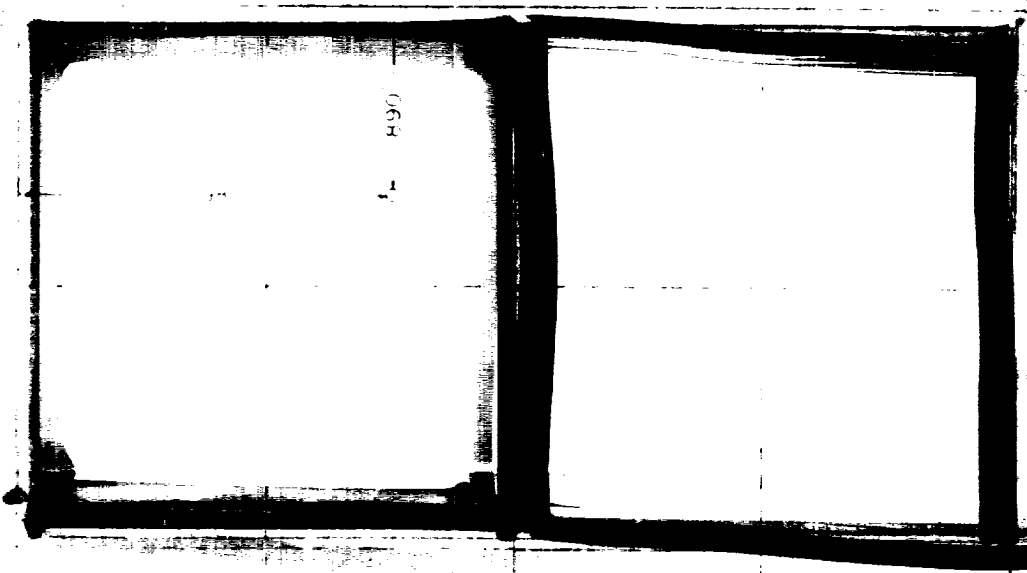
If more than one lease is dedicated to the well, outline each and identify the interest, acreage, and royalty.

If more than one lease of different ownership is dedicated to the well, state the interest, acreage, and royalty, and the consolidation, unitization, or force pooling of it.

Yes **XX** No If answer is "yes" type of consolidation:

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

No acreage will be assigned to the well until all interests have been consolidated by consolidation, unitization, force pooling, or otherwise or until a non-standard unit, eliminating such interests, has been approved by the Commission.



hereby certify that the above is a true and correct copy of the original as the same appears on file in the office of the Commission.

Carl C. Beach

Carl C. Beach

Landman

William N. Beach

1-29-80

December 29, 1979

John W. ...

*3. At this time William N. Beach requests a permit to drill in the NW/4 of Section 20, with the following plans:

- a) If Beach completes a well in the Morrow formation, he will dedicate the N/2 Section 20, for the proration unit of his well by communitizing the NW/4 and NE/4. Pennzoil Company has agreed to dedicate the S/2 of the Section for the proration unit of their #1 Mescalero Ridge Unit by communitizing the SW/4 and SE/4.
- b) Mr. Ray Graham, with the State of New Mexico has agreed to the communitization under this procedure.
- c) I have spoken with Mr. Jim Gillam in Roswell with the U.S.G.S. and he also stated the U.S.G.S. will accept this procedure.

COLOR CODE ON PLAT

 = state lease

 = federal lease

 = to be commingled if productive in Morrow Formation.

RECEIVED
JAN 31 1980
OIL CONSERVATION DIV.

173

SOUTHWESTERN LABORATORIES
FORT WORTH - DALLAS - HOUSTON - MIDLAND - BEAUMONT - TEXARKANA

CONSULTING, ANALYTICAL CHEMISTS
AND TESTING ENGINEERS

20-19-34
Unit C

Midland Texas 5-1-80 File No. C-1902-GD

Report of tests on Fluid

To William N. Beach

Date Rec'd. 5-1-80

Received from

Identification Marks Mescalero Ridge No. 1, Lea County, New Mexico, 4-25-80

DISTILLATION, ASTM D-86

Percent Distilled

Observed Temperature° F

I.B.P.-----	86
5 -----	120
10 -----	144
20 -----	182
30 -----	206
40 -----	240
50 -----	272
60 -----	318
70 -----	392
80 -----	524
90 -----	---
95 -----	---
	654 (End Point)

Percent Recovery----- 88.5

Percent Residue ----- 4.5

Percent Loss ----- 7.0

Gravity ----- 59.2 ° A.P.I. @ 60° F

Color----- Lt. Yellow

Bar. Press. ----- 686 mm Hg

3cc William N. Beach, Midland

SOUTHWESTERN LABORATORIES

Jack H. Butler

Lab. No. 44135

NEW-TEX LAB

P. O. BOX 1181
HOBBS, N.M. 88240

No. 2640

Run No.

Date of Run 4-26-80

Date Secured 4-25-80

CERTIFICATE OF ANALYSIS

A Sample of Wm N. Beach Mescalero Ridge #1
Secured from Jarrel Services
At Box 1654
Hobbs, NM 88240 Secured by
Time Date
Sampling conditions. Press
Temp.

Seperator Gas

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.998		
Air			
Nitrogen	.756		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	81.977		
Ethane	9.174	2.447	
Propane	4.464	1.229	
Butanes			
Iso Butane	.571	.186	
N-Butane	1.125	.354	
Pentanes			
Iso Pentane	.368	.134	
N-Pentane	.304	.110	
Hexanes	.144	.059	
Heptanes Plus	.119	.051	
Octanes			
TOTAL	100.000	4.570	

Calc. Sp. Gr.— 0.6988
Calc. A.P.I.—
Calc. Vapor Press.—
Sp. Gr.—
Mol. Wt. 20.24

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.229
Butanes Calc. G.P.M. .540
Pentanes Plus. G.P.M. .354
Ethane Calc. G.P.M. 2.447
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1198
Wet Basis 1177
Sulfur Analysis by Titration
Gr. 100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Teresa Porter Checked by Deane Simpson Approved by

Additional Data and Remarks

JARREL SERVICES, INC.

POST OFFICE BOX 1854

PHONE 505 393-8396

HOBBS, NEW MEXICO 88240

COMPANY: William N. Beach

WELL: Mescalero Ridge, No. 1

FIELD: Quail Ridge - Morrow

CHRONOLOGICAL PRESSURE DATA

DATE	STATUS OF WELL	TIME	ELAPSED TIME		SURFACE PRESSURE		BHP @ (-9688) 13407' PSIG
			HRS.	MIN.	TBG	CSG	
1980							
4/21	Shut in. Run Static Gradient w/Tandem Bombs & Set Bombs off @ 13260'	1:00 PM	-	-	1380	PKR	2781
	Opened Well	2:00	1	00	1380	-	2781
	Flowing	3:00	1	00	-	-	2711
	"	4:00	2	00	-	-	2744
	"	5:00	3	00	-	-	2711
	"	6:00	4	00	-	-	2707
	"	7:00	5	00	-	-	2707
	"	8:00	6	00	-	-	2711
	"	9:00	7	00	-	-	2707
	"	10:00	8	00	-	-	2702
	"	11:00	9	00	-	-	2702
	"	12:00 MN	10	00	-	-	2702
4/22	"	1:00 AM	11	00	-	-	2702
	Shut in	2:00	12	00	-	-	2702
	"	2:15	0	15	-	-	2720
	"	2:30	0	30	-	-	2822
	"	3:00	1	00	-	-	2817
	"	4:00	2	00	-	-	2799
	"	5:00	3	00	-	-	2781
	"	6:00	4	00	-	-	2781
	"	7:00	5	00	-	-	2781
	"	8:00	6	00	-	-	2776
	"	9:00	7	00	-	-	2776
	"	10:00	8	00	-	-	2776
	"	11:00	9	00	-	-	2776
	"	12:00 N	10	00	-	-	2776
	"	1:00 PM	11	00	-	-	2776
	"	2:00	12	00	-	-	2781
	"	3:00	13	00	-	-	2781
	"	4:00	14	00	-	-	2781
	"	5:00	15	00	-	-	2781
	"	6:00	16	00	-	-	2781
	"	7:00	17	00	-	-	2781
	"	8:00	18	00	-	-	2781
	"	9:00	19	00	-	-	2781
	"	10:00	20	00	-	-	2781
	"	11:00	21	00	-	-	2781
	"	12:00 MN	22	00	-	-	2781
4/23	"	1:00 AM	23	00	-	-	2781
	"	2:00	24	00	-	-	2781
	"	3:00	25	00	-	-	2781
	"	4:00	26	00	-	-	2781
	"	5:00	27	00	-	-	2781

WELL: Mescalero Ridge, No. 1

PAGE: 2

DATE	STATUS OF WELL	TIME	ELAPSED TIME		SURFACE PRESSURE		BHP @ (-9688) 13407' PSIG
			HRS.	MIN.	TBG	CSG	
	Shut in	6:00	28	00	-	-	2781
	"	7:00	29	00	-	-	2781
	"	8:00	30	00	-	-	2781
	"	9:00	31	00	-	-	2781
	"	10:00	32	00	-	-	2781
	"	11:00	33	00	-	-	2781
	"	12:00 N	34	00	-	-	2781
	"	1:00 PM	35	00	-	-	2781
	"	2:00	36	00	-	-	2781
	"	3:00	37	00	-	-	2781
	"	4:00	38	00	-	-	2781
	"	5:00	39	00	-	-	2781
	"	6:00	40	00	-	-	2781
	"	7:00	41	00	-	-	2781
	"	8:00	42	00	-	-	2781
	"	9:00	43	00	-	-	2781
	"	10:00	44	00	-	-	2781
	"	11:00	45	00	-	-	2781
	"	12:00 MN	46	00	-	-	2781
4/24	"	1:00 AM	47	00	-	-	2781
	"	2:00	48	00	-	-	2781
	"	3:00	49	00	-	-	2781
	"	4:00	50	00	-	-	2781
	"	5:00	51	00	-	-	2781
	"	6:00	52	00	-	-	2781
	"	7:00	53	00	-	-	2781
	"	8:00	54	00	-	-	2781
	"	9:00	55	00	-	-	2781
	"	10:00	56	00	-	-	2781
	"	11:00	57	00	-	-	2781
	"	12:00 N	58	00	-	-	2781
	"	1:00 PM	59	00	-	-	2781
	"	2:00	60	00	-	-	2781
	"	3:00	61	00	-	-	2781
	"	4:00	62	00	-	-	2781
	"	5:00	63	00	-	-	2781
	"	6:00	64	00	-	-	2781
	"	7:00	65	00	-	-	2781
	"	8:00	66	00	-	-	2781
	"	9:00	67	00	-	-	2781
	"	10:00	68	00	-	-	2781
	"	11:00	69	00	-	-	2781
	"	12:00 MN	70	00	-	-	2781
4/25	"	1:00 AM	71	00	-	-	2781
	"	2:00	72	00	-	-	2781
	"	3:00	73	00	-	-	2781
	"	4:00	74	00	-	-	2781
	"	5:00	75	00	-	-	2781
	"	6:00	76	00	-	-	2781
	"	7:00	77	00	-	-	2781
	"	8:00	78	00	-	-	2781
	Fished Bombs & Changed Charts	9:00	79	00	1352	-	2781

WELL: Mescalero Ridge, No. 1

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DATE	STATUS OF WELL	TIME	ELAPSED TIME HRS.	MIN.	SURFACE PRESSURE TBC	CSG	BHP @ (-9688) 13407' PSIG
	Run Tandem Bombs & Hung @ 13260'	10:20	80	20	1352	-	2781
	Opened Well & Started 1st Rate	10:30	80	30	1352	-	2781
	Finished 1st Rate & Started 2nd Rate	1:30 PM	3	00	1015	-	2666
	Finished 2nd Rate & Started 3rd Rate	2:30	1	00	978	-	2584
	Finished 3rd Rate & Started 4th Rate	3:30	1	00	868	-	2518
	Finished 4th Rate & Shut in & Pull Bombs	4:30	1	00	794	-	2416

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MAY 13 1980

OIL CONSERVATION DIV.

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONES 506 323-5396 — 303-6274

HOBBS, NEW MEXICO 88240

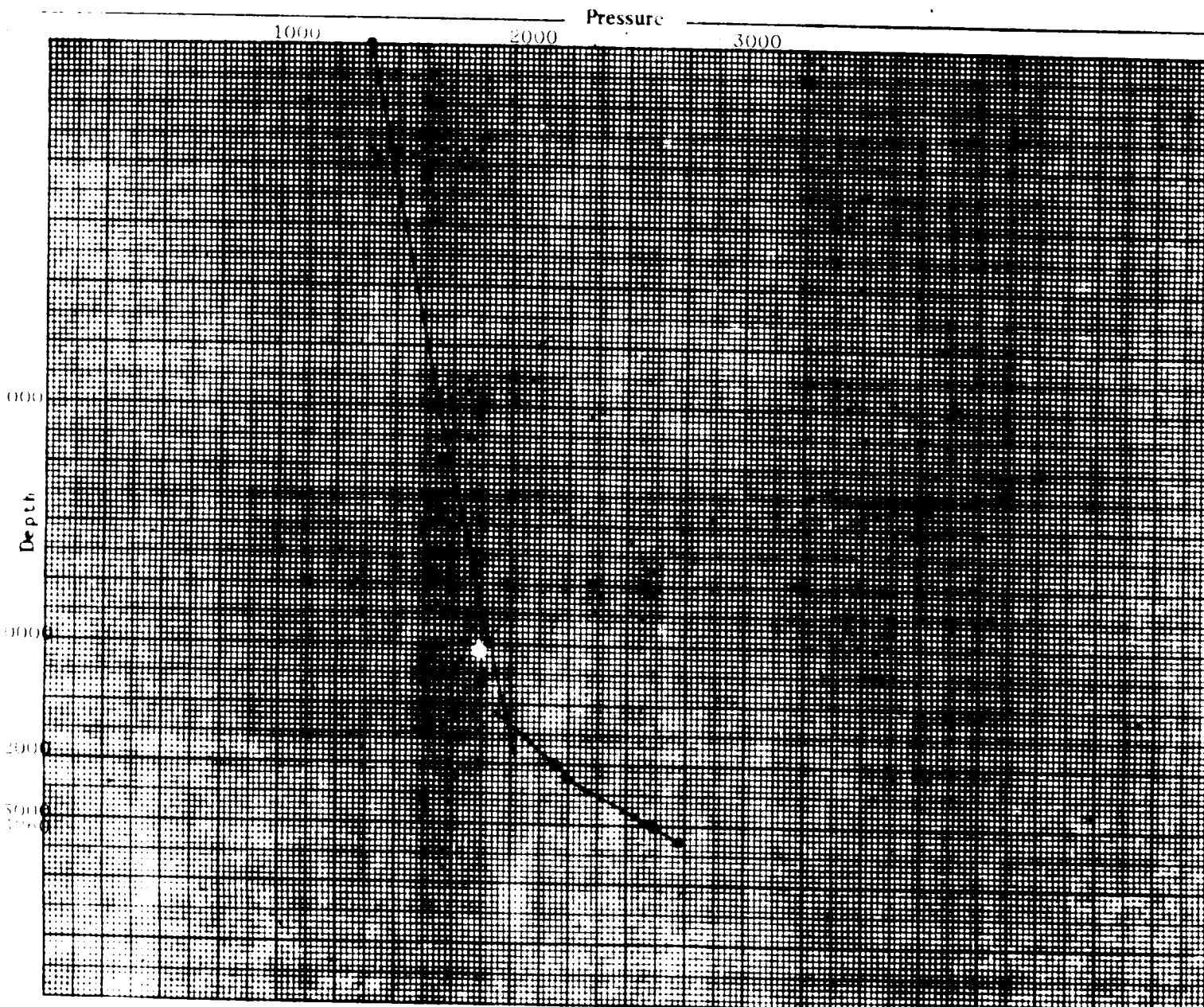
OPERATOR William N. Beach
 FIELD Quail Ridge
 FORMATION Morrow
 LEASE Joscalero Ridge WELL # 1
 COUNTY Lea STATE New Mexico
 DATE April 21, 1980 TIME 1:00 PM
 Status Shut in
 Test Depth 13260'
 Time S. I. 21 hrs. Last test date Initial
 Tub Pres. 1380 BHP last test -
 Cas. Pres. 1380 BHP change -
 Elev. 5719' GL Fluid top 11350'
 Datum -9688' ** Water top 12240'
 Temp. 48.1 F Run by JSI #21
 Cal. No. 114972 Chart No. 1

BOTTOM HOLE PRESSURE RECORD

Depth	Pressure	Gradient
0	1380	-
6000	1685	.051
10000	1907	.056
12000	2199	.146
13000	2606	.407
13260	2718	.431
13407 (-9688)	2781 * **	(.431)

* EXTRAPOLATED PRESSURE

** MIDPOINT OF CASING PERFORATIONS



DIETZ
LOGGING
CORP.

JARREL SERVICES, INC.

LOG

BOTTOM HOLE PRESSURE @ (-9688) 13407 PSTG

