

BETTIS, BOYLE & STOVALL OIL CONSERVATION DIVISION
P. O. BOX 1240
GRAHAM, TX 76450
FAX 817-549-7405 OR PHONE 817-549-0780
RECEIVED
NOV 4 AM 9 18

October 28, 1991

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

Attn: Mr. David Catanach

Re: Bettis, Boyle & Stovall
Pickett Draw Fed #2
1235' FSL, 1515' FWL
Sec. 10, T25S, R29E
Eddy Co., NM

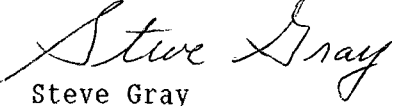
Dear Mr. Catanach:

The Pickett Draw Federal #2 was recently recompleted to the Delaware Formation. This well was originally drilled as a Morrow test and produced for a short time from the Morrow. The original production unit was the entire south half (320 acres) of Section 10, T25S, R29E. Now that we have established production from the Delaware it is our desire to develop the Delaware on 40 acre spacing and we respectfully request that all of the forty acres in Unit Letter N be dedicated to this well. Because our well is located less than 330' from the north and west boundary of Unit N we would request that our non standard location be administratively approved.

Attached is our recompletion report, a copy of the original survey plat, and lease ownership map. No waivers have been requested from offset operators since Bettis, Boyle & Stovall owns leases on all the surrounding acreage to Unit N. If you have questions or need additional information please advise.

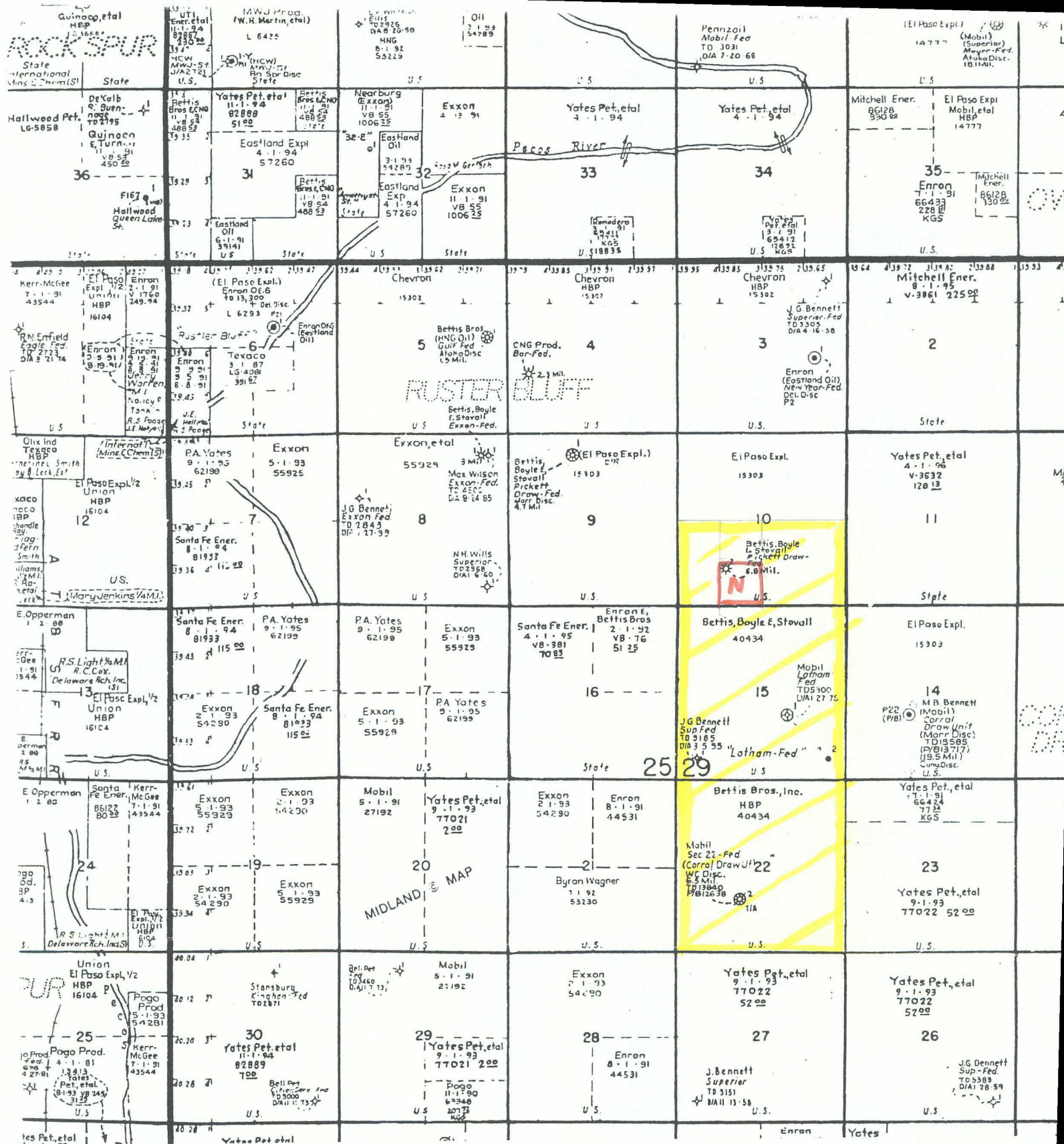
Sincerely,

BETTIS, BOYLE & STOVALL


Steve Gray
Petroleum Engineer

SG:vu

Encls.



BETTIS, Boyle & STOVALL
PICKETT DRAW FED. #2

BETTIS, Boyle & STOVALL LEASES
OUTLINED IN YELLOW

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

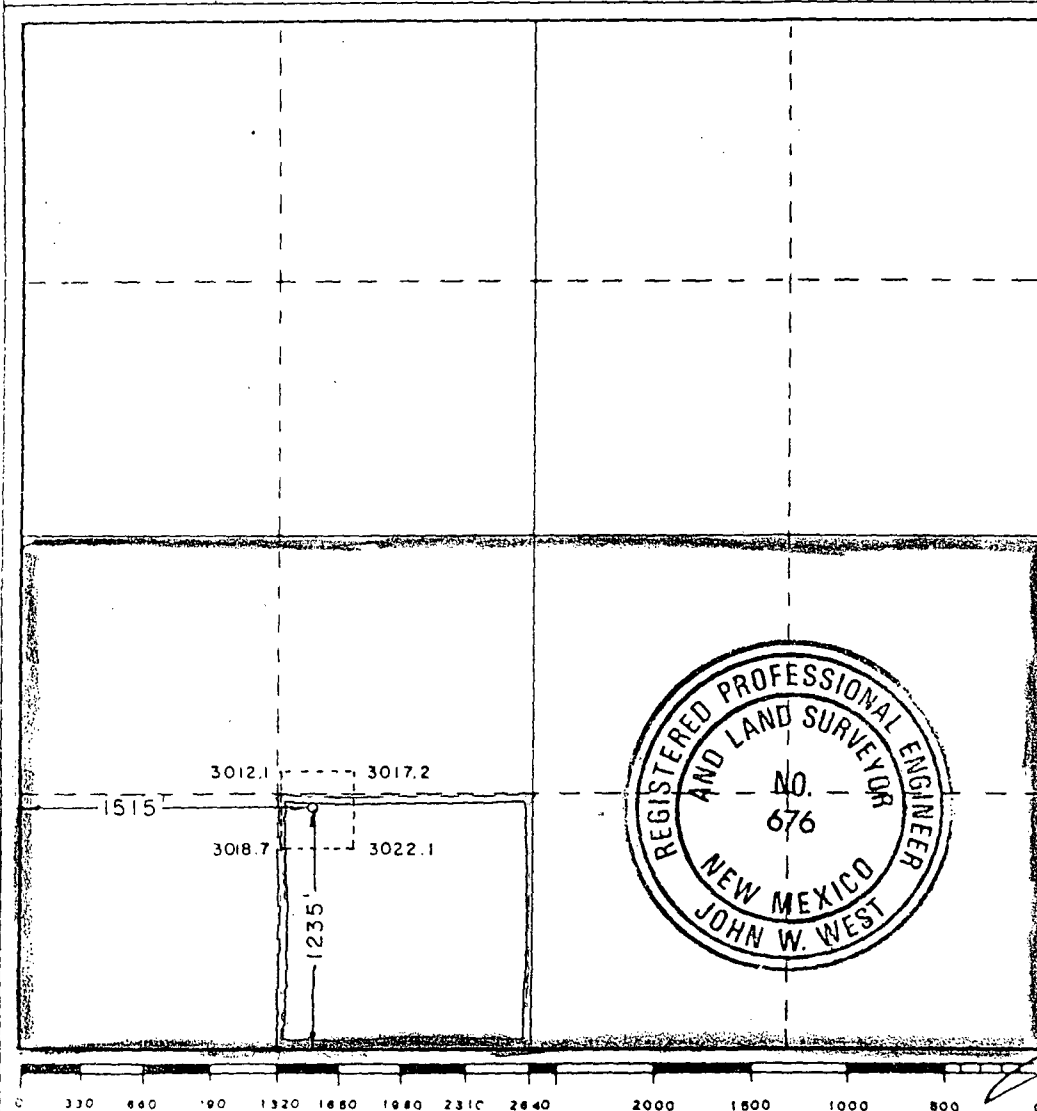
Operator Bettis, Boyle & Stoval		Lease Pickett Draw Federal		Well No. 2
Section N	Section 10	Township 25 South	Range 29 East	County Eddy
Actual Footage Location of Well: 1235 feet from the South line and 1515 feet from the West line				
Ground Level Elev. 3021.2	Producing Formation Delaware	Pool UNDESIGNATED	Dedicated Acreage: Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Commission.



CERTIFICATION

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

Name
Thomas H. Griffin
Position
Supt.
Company
Bettis, Boyle & Stoval
Date
12-28-87

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
December 1, 1987

Registered Professional Engineer and/or Land Surveyor

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

(October 1990)

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See instructions on reverse side)

FOR APPROVAL
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other _____	5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☒	DIFF. REVR. ☐	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Bettis, Boyle & Stovall						N.A.	
3. ADDRESS AND TELEPHONE NO.						8. FARM OR LEASE NAME, WELL NO.	
P. O. Box 1240, Graham, TX 76450 817-549-0780						Pickett Draw Federal #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. API WELL NO.	
At surface 1235' FSL & 1515' FWL, Sec. 10, T25S, R29E						10. FIELD AND POOL, OR WILDCAT	
At top prod. interval reported below						Undesignated Delaware	
1235' FSL & 1515' FWL, Sec. 10, T25S, R29E						11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA	
At total depth						Sec. 10, T-25S, R-29E	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH	
Same						Eddy	
13. STATE		NM					
15. DATE SPUNDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*			19. ELEV. CASINGHEAD	
2-7-88	4-27-88	9-15-88	3021.2 GR			3023	
20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY			24. ROTARY TOOLS	
14,000'	13,955'		0-14000'			CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
5184-5204'						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORRED	
Dual Laterolog, Micro-SFL, Neutron, Litho-Density						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
20"	94#	620'	26"	1250 sx(750 sx 1t+500sx		Class C)	
13-3/8"	68#	3070'	17-1/2"	4600 sx(4100sx 1t+500 sx		Class C)	
9-5/8"	43.50# + 47#	10260'	12-1/4"	1125 sx(562sx Pozmix+563		sx, premium)	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7-5/8"	10037'	12956'	950 sx		2-7/8"	13194'	13194'
5-1/2"	12797'	13997'	200 sx				
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
5184-5204' 2 spf				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				5184-5204'			
				AMOUNT AND KIND OF MATERIAL USED			
				A/250 gal 15% HCL;			
				A/2000 gal 7-1/2% HCL			
				Frac/55,000# 16/30 Sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-19-91		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-23-91	24	Open	→	75	Trace	166	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	15 PSIG	→	75	-	166	36	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented - Will Use For Lease Fuel						Carter Hughes	
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Steve Gray

TITLE Steve Gray, Pet. Engineer

DATE 10/28/91

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Lamar Lm.	3085'	3112'	Limestone	Lamar Lime	3085'	
Bell Canyon	3113'	3944'	Sand. Shale & Lime	Bell Canyon	3113'	
Cherry Canyon	3944'	5163'	Sandstone w/ Shale & Lime Straks	Cherry Canyon	3944'	
Brushy Canyon	5163'	6862'	Sandstone w/ Shale Straks	Brushy Canyon	5163'	
Bone Springs	6862'	7764'	Lime & Shale w/ Sand Straks	Bone Springs	6862'	
1st Bone Springs sd.	7764'	8550'	Sand w/ Shale & Lime Straks	1st Bone Springs sd.	7764'	
2nd Bone Springs sd.	8550'	9686'	Sand w/ Shale & Lime Straks	2nd Bone Springs sd.	8550'	
3rd Bone Springs sd.	9686'	10064'	Sand w/ Shale & Lime Straks	3rd Bone Springs sd.	9686'	
Wolfcamp	10064'	12300'	Limestone w/ Shale Straks (See Below)	Wolfcamp	10064'	
Stewart	12300'	12620'	DST #1 (11280' - 11420') (See Below)	Stewart	12300'	
Upper Atoka	12620'	12712'	Sand & Lime	Upper Atoka	12620'	
Atoka Bank	12712'	12740'	DST #2 (12310' - 12404') (See Below)	Atoka Bank	12712'	
Middle Atoka	12740'	12984'	Shale w/ Sand & Lime Straks	Middle Atoka	12740'	
Lower Atoka	12984'	13160'	(See Below)	Lower Atoka	12984'	
Upper Morrow	13160'	13600'	Shale w/ Sand & Lime Straks	Upper Morrow	13160'	
Middle Morrow	13600'	13940'	Chert, Limestone & Shale w/ Sand Straks	Middle Morrow	13600'	
Lower Morrow	13940'	14000' T.D.	Limestone, Chert & Sand	Lower Morrow	13940'	
			Shale w/ Lime & Sand Straks	T.D.	14000'	

38. GEOLOGIC MARKERS

DST NO. 1		DST NO. 2		DST NO. 3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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