



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

6-25-90

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

WFX-601

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:

Plains Petroleum Oper. Co. Blunt SA Unit Sec. 19 #3-C 19-8-33
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

Sec. 13 #9-I 13-8-37
Sec. 24 #3-C 24-8-37
Sec. 13 #11-K 13-8-37
Sec. 13 #1-A 13-8-37
Sec. 13 #3-C "
Sec. 24-1-A 24-8-37
Sec. 13 #5-E 13-8-37
Sec. 18 #11-K 18-8-38

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no

II. Operator: Plains Petroleum Operating Company

Address: 415 W. Wall, Suite 2110 Midland, Texas 79701

Contact party: Steve Owen Phone: (915) 683-4434

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-8117

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

300 BPD/PW
Closed
0 - 800

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval. No overlying or underlying sources of drinking water

IX. Describe the proposed stimulation program, if any. None

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. None

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Bonnie Husband Title: Engineering Tech.

Signature: Bonnie Husband Date: June 20, 1990

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstances of the earlier submittal.

JUN 25 1990

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DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate office

SECTION WELL DATA SHEET

Plains Petroleum Operating Company		Bluitt San Andres Unit		Sec. 19
OPERATOR		LEASE		
3	1874' FWL & 554' FNL	Sec. 19, T8S, R38E		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

Tabular Data

Surface Casing

Size 8-5/8" " Cemented with 175 sx.
 TOC surf feet determined by _____
 Hole size 12-1/4"

Intermediate Casing

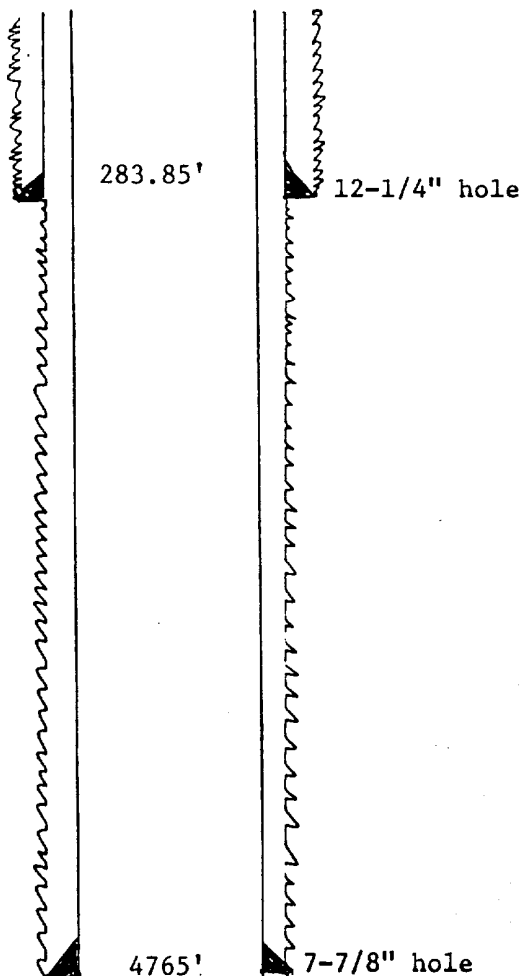
Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 5-1/2" " Cemented with 275 sx.
 TOC unknown feet determined by _____
 Hole size 7-7/8"
 Total depth 4765

Injection interval

4724 feet to 4747 feet
 (perforated or open-hole, indicate which)



Tubing size 2-3/8" lined with plastic coated set in a
 (material)
ARLington Elder Lockset packer at 4647 feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (if applicable) San Andres Assoc
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? producing oil well
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) _____
 No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. _____
P1 65'

CHEMLINK WATER ANALYSIS REPORT

Lab ID No. : 051590D

Analysis Date: May 15, 1990

Company : Murphy Operating
Field : Todd Field
Lease/Unit : Todd LSAU
Well ID. : Fresh Water Supply Well
Sample Loc.: Wellhead

Sampled By : Permian Treating Chemicals
Sample Date: *3-April-1990
Salesperson: Gayle Blackwell
Formation :
Location : Tatum, N. M.

CATIONS	MG/L	MEQ/L	ANIONS	MG/L	MEQ/L
Calcium as Ca++	127	6	Hydroxyl as OH-	0	0
Magnesium as Mg++	53	4	Carbonate as CO3=	0	0
Sodium as Na+ (Calc)	8	0	Bicarbonate as HCO3-	185	3
Barium as Ba++	Not Determined		Sulfate as SO4=	210	4
Oil Content	0		Chloride as Cl-	130	4

Total Dissolved Solids, Calculated: 713 mg/L.

Calculated Resistivity: 2.716 ohm-meters
mg/L. Hydrogen Sulfide: 0
mg/L. Carbon Dioxide: 10
mg/L. Dissolved Oxygen: 3

pH: 6.920
Specific Gravity 60/60 F.: 0.998
Saturation Index @ 80°F.: -0.205
@ 140°F.: +0.495

Total Hardness: 535 mg/L. as CaCO3
Total Iron: 0.10 mg/L. as Fe++

PROBABLE MINERAL COMPOSITION

	COMPOUND	MG/L	MEQ/L
	Ca(HCO3)2	245	3.0
Calcium Sulfate Scaling Potential	CaSO4	225	3.3
Not Present	CaCl2	0	0.0
Estimated Temperature of Calcium Carbonate Instability is 95 F.	Mg(HCO3)2	0	0.0
	MgSO4	64	1.1
	MgCl2	157	3.3
	NaHCO3	0	0.0
	Na2SO4	0	0.0
Analyst	NaCl	22	0.4

11:37 AM

CHEMLINK WATER ANALYSIS REPORT

Lab ID No. : 050890C

Analysis Date: May 8, 1990

#####

Company :
Field :
Lease/Unit : Bluitt S. A. Unit
Well ID. : Fresh Water
Sample Loc.: Water Injection Plant

Sampled By : Permian Treating Co., I
Sample Date: *3-April-1990
Salesperson: Gayle Blackwell
Formation :
Location : Tatum, N. M.

#####

CATIONS	MG/L	MEQ/L	ANIONS	MG/L	MEQ/L
Calcium as Ca++	113	6	Hydroxyl as OH-	0	0
Magnesium as Mg++	33	3	Carbonate as CO3=	0	0
Sodium as Na+ (Calc)	38	2	Bicarbonate as HCO3-	189	3
Barium as Ba++	Not Determined		Sulfate as SO4=	210	4
Oil Content	0		Chloride as Cl-	90	3

Total Dissolved Solids, Calculated: 673 mg/L. .

#####

Calculated Resistivity: 2.661 ohm-meters	pH: 7.580
mg/L. Hydrogen Sulfide: 0	Specific Gravity 60/60 F.: 1.001
mg/L. Carbon Dioxide: 6	Saturation Index @ 80°F.: +0.417
mg/L. Dissolved Oxygen: 0.8	@ 140°F.: +1.117

Total Hardness:	418	mg/L. as CaCO3
Total Iron:	0.10	mg/L. as Fe++

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PROBABLE MINERAL COMPOSITION

	COMPOUND	MG/L	MEQ/L
	Ca(HCO3)2	252	3.1
Calcium Sulfate Scaling Potential	CaSO4	174	2.6
Not Present	CaCl2	0	0.0
Estimated Temperature of Calcium	Mg(HCO3)2	0	0.0
Carbonate Instability is	MgSO4	110	1.8
59 F.	MgCl2	42	0.9
	NaHCO3	0	0.0
	Na2SO4	0	0.0
	NaCl	96	1.6

Analyst 11:28 AM

June 20, 1990

Rhoden Oil
P. O. Box 10909
Midland, Texas 79702

Certified Receipt No. P-555-780-057

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

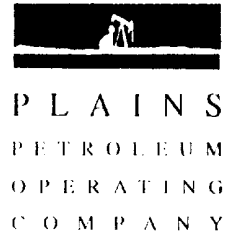
Sincerely,

PLAINS PETROLEUM OPERATING CO.



Bonnie Husband
Engineering Tech.

Enclosures



June 20, 1990

Murphy Operating Corporation
P. O. Box 2648
Roswell, New Mexico 88202

Certified Receipt No. P-555-780-049

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator of subject unit are hereby notified that Plains Petroleum Operating Company is making application for expansion of the referenced project. Enclosed is an "Application for Authorization to Inject" and all required attachments. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



PLAINS
PETROLEUM
OPERATING
COMPANY

June 20, 1990

Layton Enterprises
3103 79th Street
Lubbock, Texas 79423

Certified Receipt No. P-555-780-060

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application to expand the existing system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures

June 20, 1990

Mary Singleton
P. O. Box 114
Perrin, Texas 76075

Certified Receipt No. P-555-780-062

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as a surface owner are hereby notified that Plains Petroleum Operating Company is hereby making application for expansion of subject existing system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of the referenced project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.



Bonnie Husband
Engineering Tech.

Enclosures

June 20, 1990

Tommy Wynn Lewis
HCR 2 Box 42
Morton, Texas 79346

Certified Receipt No. P-555-780-064

Re: Bluitt San Andres Unit
Bluitt San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as a surface owner are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.



Bonnie Husband
Engineering Tech.

Enclosures



P L A I N S
P E T R O L E U M
O P E R A T I N G
C O M P A N Y

June 20, 1990

Union Oil of Calif.
Dave Whitacre
P. O. Box 671
Midland, Texas 79702

Certified Receipt No. P-555-780-066

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



PLAINS
PETROLEUM
OPERATING
COMPANY

June 20, 1990

Yates Petroleum
P. O. Box 1933
Roswell, New Mexico 88201

Certified Receipt No. P-555-780-052

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

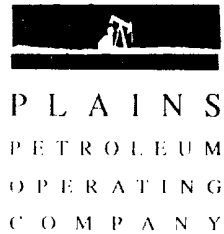
Sincerely,

PLAINS PETROLEUM OPERATING CO.

A handwritten signature in cursive script that reads "Bonnie Husband".

Bonnie Husband
Engineering Tech.

Enclosures



June 20, 1990

OGS Operating Company
1140 Two First City Center
Midland, Texas 79701

Certified Receipt No. P-555-780-054

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



PLAINS
PETROLEUM
OPERATING
COMPANY

June 20, 1990

Fina
Box 2998
Midland, Texas 79702

Certified Receipt No. P-555-780-056

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



P L A I N S
P E T R O L E U M
O P E R A T I N G
C O M P A N Y

June 20, 1990

Amoco Production Company
P. O. Box 3092
Houston, Texas 77253

Certified Receipt No. P-555-780-058

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



P L A I N S
P E T R O L E U M
O P E R A T I N G
C O M P A N Y

June 20, 1990

Sun Oil
P. O. Box 1861
Midland, Texas 79702

Certified Receipt No. P-555-780-059

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures

June 20, 1990

MWJ
4000 W. Illinois
Suite 1100
Midland, Texas 79701

Certified Receipt No. P-555-780-055

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.



Bonnie Husband
Engineering Tech.

Enclosures



PLAINS
PETROLEUM
OPERATING
COMPANY

June 20, 1990

Tom Ingram
P. O. Box 1757
Roswell, New Mexico 88202

Certified Receipt No. P-555-780-053

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



P L A I N S
P E T R O L E U M
O P E R A T I N G
C O M P A N Y

June 20, 1990

FMP Operators
P. O. Box 60004
New Orleans, La. 70160

Certified Receipt No. P-555-780-067

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is hereby making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures

June 20, 1990

HNG Corporation
c/o Parker & Parsley
Hightower Building
600 W. Illinois
Midland, Texas 79701

Certified Receipt No. P-555-780-065

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.



Bonnie Husband
Engineering Tech.

Enclosures



P L A I N S
P E T R O L E U M
O P E R A T I N G
C O M P A N Y

June 20, 1990

Dick Buffington
Box 201
Mauriceville, Texas 77626

Certified Receipt No. P-555-780-063

Re: Bluitt San Andres Unit
Bluitt San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division you are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing water injection system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



PLAINS
PETROLEUM
OPERATING
COMPANY

June 20, 1990

H. L. Brown
P. O. Box 2237
Midland, Texas 79702

Certified Receipt No. P-555-780-061

Re: Bluitt San Andres Unit
Bluitt San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

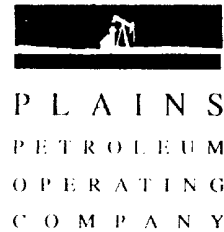
In accordance with the regulations of the Oil Conservation Division you as an offset operator are hereby notified that Plains Petroleum Operating Company is making application for expansion of the existing system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of subject existing project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

Bonnie Husband
Engineering Tech.

Enclosures



June 20, 1990

Rhonda Operating Company
500 N. Loraine
Heritage Center #1000
Midland, Texas 79701

Certified Receipt No. P-555-780-051

Re: Bluit San Andres Unit
Bluit San Andres Assoc.
Roosevelt County, New Mexico
Division Order No. R-8117

Gentlemen:

In accordance with the regulations of the Oil Conservation Division, you as an offset operator to subject unit are hereby notified that Plains Petroleum Operating Company is making application to expand the existing system. Enclosed is an "Application for Authorization to Inject" and all required attachments for expansion of the referenced project. Objections or requests for hearing must be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within fifteen (15) days.

Sincerely,

PLAINS PETROLEUM OPERATING CO.

A handwritten signature in cursive script that reads "Bonnie Husband".

Bonnie Husband
Engineering Tech.

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUP

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM044216-C	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. REVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Tom L. Ingram		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR POB 1757, Roswell, New Mexico 88201		8. FARM OR LEASE NAME Federal E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*. At surface 660' FNL 1980 FWL of Section 24 At top prod. interval reported below Same At total depth Same		9. WELL NO. #1	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Bluitt San Andres Assoc.	
15. DATE SPUDDED WQ 7/18/72		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T-8-S, R37-E	
16. DATE T.D. REACHED 8-19-72		12. COUNTY OR PARISH Roosevelt	
17. DATE COMPL. (Ready to prod.) 8-19-72		13. STATE New Mexico	
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4003 DF		19. ELEV. CASE NO. _____	
20. TOTAL DEPTH, MD & TVD 4830		21. PLUG BACK T.D., MD & TVD 4714	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4618 - 4691 San Andres		25. WAS DIRECTIONAL SURVEY MADE _____	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray - Neutron Log		27. WAS WELL CORED Yes-by original operator.	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8	32	339	11"
4-1/2	10.5	4830	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
375 sacks		circulated	
200 sacks		0	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)	4504	
2-3/8	4504	4504	
31. PERFORATION RECORD (Interval, size and number)			
1 shot per foot @ 4618, 20, 36, 38, 43, 49, 4650, 68, 69, 73, 74, 75, 81, 83, 85, 89, 91.			
32. AND SH. FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL 4618-91			
AMOUNT AND KIND OF MATERIAL USED 20,000 gal. gel brine and 1000 sand			
33. PRODUCTION			
DATE FIRST PRODUCTION 8-19-72		PRODUCTION flowing	
DAYS OF TEST 8-19-72		HOURS TESTED various	
FLOW, TUBING PRESS. 765-940		CASING PRESS. 0	
24 HOURS TEST PERIOD OIL—BBL. -0- GAS—MCF. 1,130 (CAOH) WATER -0-		WELL STATUS (Producing or shut in) Shut-in	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		ATTENDED BY A. C. Bonnell	
35. LIST OF ATTACHMENTS C-122, Slope, Data, C-102.			
36. I hereby certify that the foregoing information is complete and correct as determined from all available records.			
SIGNED Tom L. Ingram		TITLE Operator	
DATE 9/5/72			

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR TOM L. INGRAM							
3. ADDRESS OF OPERATOR P. O. Box 1757, Roswell, New Mexico 88201							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 554 FNL & 1874 FEL of Section 24, T8S, R37E At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 3/31/69		16. DATE T.D. REACHED 4/21/69		17. DATE COMPL. (Ready to prod.) 4/21/69		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3987 Gr 3997 KB	
20. TOTAL DEPTH, MD & TVD 4750'		21. PLUG, BACK T.D., MD & TVD 4732'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0 - T.D.	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4703 - 4725'						25. WAS DIRECTIONAL SURVEY MADE Total only	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray-Neutron Log						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8		10.5		315'		11"	
4-1/2		9.2, 10.2 & 13.6		4750'		7-7/8"	
						200 sx. w/2% Cal. Chl.	
						275 sx. w/2% gel, 8# salt per sack & 3/4 of 1% CFR	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
						SIZE	
						DEPTH SET (MD)	
						PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 10 holes @ 4703, 4705, 4707, 4709, 4711, 4716, 4717, 4724, 4725 and 4729				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4703-4729'		Treated w/3000 gals. DS-30.	
33.* PRODUCTION							
DATE FIRST PRODUCTION 4/21/69		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/21/69		HOURS TESTED 24 hours		CHOKE SIZE 20/64"		PROD'N. FOR TEST PERIOD 240	
FLOW. TUBING PRESS. 200		CASING PRESSURE 0		CALCULATED 24-HOUR RATE 240		OIL—BBL. 240	
						GAS—MCF. 400	
						WATER—BBL. None	
						OIL GRAVITY-API (CORR.) 27	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Tom L. Ingram	
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 _____		TITLE Operator		DATE 4/21/69			

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

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JUN 25 1990

CCC
HOBBS CITY

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		TRUE VERT. DEPTH
				NAME	MEAS. DEPTH	
				San Andres	3888'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(See other instructions on reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 044216-B	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME 	
2. NAME OF OPERATOR FRANKLIN, ASTON & FAIR, INC.				7. UNIT AGREEMENT NAME 	
3. ADDRESS OF OPERATOR P. O. Box 1090, Roswell, New Mexico				8. FARM OR LEASE NAME Roden Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1874' FWL & 554' FNL Sec. 19-8S-38E At top prod. interval reported below At total depth				9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT East Bluit-San Andres	
15. DATE SPUDDED 4-15-69 16. DATE T.D. REACHED 4-25-69 17. DATE COMPL. (Ready to prod.) 5-2-69 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4002' KB, 3994.2' GR				11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 19-8S-38E, N.M.P.M.	
20. TOTAL DEPTH, MD & TVD 4765'		21. PLUG, BACK T.D., MD & TVD 		12. COUNTY OR PARISH Roosevelt 13. STATE New Mexico	
22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY Surface-T.D. ROTARY TOOLS _____ CABLE TOOLS _____				19. ELEV. CASINGHEAD _____	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4720'-4750' San Andres (Slaughter B)					25. WAS DIRECTIONAL SURVEY MADE Totco only
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Sonic, Lateral					27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"		20#	295' KB	12 1/4"	175 sx circ. to surface
5 1/2"		14#	4765' KB	7 7/8"	275 sx
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE
					DEPTH SET (MD)
					PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 4724', 4726', 4727', 4728', 4732', 4734', 4744', 4746', and 4747'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				4724'-4747'	Acidized with 3,000 gallons regular acid.
33.* PRODUCTION					
DATE FIRST PRODUCTION 5-2-69		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 5-3-69	HOURS TESTED 24	CHOKE SIZE 24/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 140	GAS—MCF. 70
FLOW. TUBING PRESS. 175#		CASING PRESSURE	CALCULATED 24-HOUR RATE →	WATER—BBL. 0	GAS-OIL RATIO 500:1
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY J. W. Brasfield
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 Grant M. Smith		TITLE Geologist		DATE May 5, 1969	

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 3c.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
San Andres Slaughter A 1st Anhydrite Slaughter B T.D.	3900' 4580' 4687' 4708' 4765'		

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	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
F. W. BAUMGARTNER d/b/a BAUMGARTNER OIL COMPANY
Address
737 Grant Street, Denver, Colorado 80203
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name and address of previous owner **No**

II. DESCRIPTION OF WELL AND LEASE

Lease Name Baumgartner - USA	Well No. 1	Well Name, Including Formation Muilt; San Andres	Kind of Lease State, Federal or Fee Federal	Lease No. NM035853
Location Unit Letter 660 Feet From The North Line and 1980 Feet From The East Line of Section 19 Township 8 South Range 38 East , NMPM, Roosevelt County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ Mobil Oil Corp. - Trucks	Address (Give address to which approved copy of this form is to be sent) P.O. Box 900, Dallas, Texas 75221			
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)			
If well produces oil or liquids, give location of tanks.	Unit 19	Sec. 8S	Twp. 38E	Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: **Not commingled.**

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well	New Well ☒	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded July 14, 1969	Date Compl. Ready to Prod. August 4, 1969		Total Depth 4775 KB		P.B.T.D. 4764 KB			
Elevations (DF, RKB, RT, GR, etc.) 4014 KB - 4005 GR	Name of Producing Formation San Andres		Top Oil/Gas Pay 4734 KB		Tubing Depth 4722 KB			
Perforations 4734-4754 KB & 4760-4762 KB w/2 shots/ft.					Depth Casing Shoe 4775 KB			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4"	8-5/8"		325'		200+			
7-7/8"	5-1/2"		4775'		125 + 2% Gel & 10% Salt			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after-recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

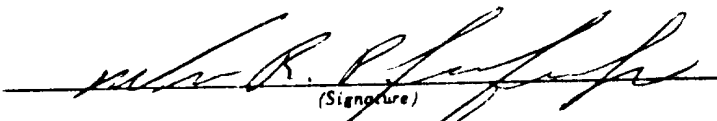
Date First New Oil Run To Tanks August 5, 1969	Date of Test August 7, 1969	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hrs.	Tubing Pressure 450#	Casing Pressure 0	Choke Size 3/4"
Actual Prod. During Test 140 BO/12 hrs.	Oil - Bbls. 140 BO	Water - Bbls. 6	Gas - MCF No Test

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


Accountant
8-15-69
(Signature)
(Title)
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

1000-1100

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 0509201	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR FRANKLIN, ASTON & FAIR, INC.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1090, Roswell, New Mexico 88201				8. FARM OR LEASE NAME Shaw Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL and 660' FWL of Sec. 18, T. 8 S., R. 38 E., NMPM At top prod. interval reported below At total depth				9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT East Bluit-San Andres	
15. DATE SPUDDED Feb. 1, 1969				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18, T8S, R38E	
16. DATE T.D. REACHED Feb. 8, 1969				12. COUNTY OR PARISH Roosevelt	
17. DATE COMPL. (Ready to prod.) Feb. 16, 1969				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4,000 GR, 4,009 KB				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4,733'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY → 0 - TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4,680' - 4,720'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Sonic				27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		20#		293' KB	
5 1/2"		14#		4,733' KB	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		175 sacks, circ-surf		None	
7 7/8"		275 sacks		None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2"		4,602'		4,602'	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2"		4,602'		4,602'	
31. PERFORATION RECORD (Interval, size and number)					
4690', 4692', 4693', 4696', 4698', 4699', 4703', 4704', 4709', 4711', 4712'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4690' - 4712'		3,500 gal. DS 30 acid			
33. PRODUCTION					
DATE FIRST PRODUCTION Feb. 16, 1969		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2-17-69		HOURS TESTED 24		CHOKE SIZE 32/64"	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 135		GAS—MCF. 55.3	
WATER—BBL. 0		GAS-OIL RATIO 410:1		FLOW. TUBING PRESS. 40# - 90#	
CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL—BBL. 135	
GAS—MCF. 0		WATER—BBL. 0		OIL GRAVITY-API (CORR.) 26°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented				TEST WITNESSED BY J. W. Brasfield	
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 <u>Grant M. Smith</u>		TITLE <u>Geologist</u>		DATE <u>Feb. 18, 1969</u>	

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

and/or field notes, or instructions on items 21 through 35. This summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

should be listed on this form, see item 6.

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Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. For each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

U.S. GOVERNMENT PRINTING OFFICE : 1963--O-683636

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 0509201	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR FRANKLIN, ASTON & FAIR, INC.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1090, Roswell, New Mexico				8. FARM OR LEASE NAME Shaw Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FWL Sec. 18-8S-38E At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 12-1-68				16. DATE T.D. REACHED 12-8-68	
17. DATE COMPL. (Ready to prod.) 12-11-68				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3984.7' GL, 3996.7' KB	
20. TOTAL DEPTH, MD & TVD 4740'				21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY → 0 - TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4688' - 4704'				25. WAS DIRECTIONAL SURVEY MADE Totco only	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Neutron				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		20#		295'	
5 1/2"		14#		4740'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		175 sx reg. cmt., 2% CaCl		circ. to surfac	
7 7/8"		275 sx cement			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		4618'		4618'	
31. PERFORATION RECORD (Interval, size and number)					
One shot at 4688', 4690', 4692', 4693', 4696', 4697', 4700', 4702', and 4704'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4688'-4704'		3,000 gallons acid			
33. PRODUCTION					
DATE FIRST PRODUCTION 12-11-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-12-68		HOURS TESTED 24		CHOKE SIZE 16/64"	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 156		GAS—MCF. 78	
WATER—BBL. 0		GAS-OIL RATIO 500:1			
FLOW. TUBING PRESS. 200#		CASING PRESSURE		CALCULATED 24-HOUR RATE →	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented				TEST WITNESSED BY J. W. Brasfield	
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 <u>Robert M. Smith</u>		TITLE <u>Geologist</u>		DATE <u>12-12-68</u>	

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

INSTRUCTIONS

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Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres (Slaughter A) 1st Anhydrite (Slaughter B) 2nd Anhydrite	3875' 4558' 4658' 4672' 4720'	4658' 4672' 4720' 4740' T.D.	04-11-21 04-11-21 04-11-21 04-11-21 04-11-21			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved,
Budget Bureau No. 42-R255.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Roden Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 767, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2,086' FNL & 554' FWL, Sec. 18-8S-38E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

1-16-69

12. COUNTY OR
PARISH
Roosevelt

13. STATE

N.M.

15. DATE SPUDDED

1-17-69

16. DATE T.D. REACHED

1-25-69

17. DATE COMPL. (Ready to prod.)

2-24-69

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4004.5 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4,738'

21. PLUG, BACK T.D., MD & TVD

4,720'

22. IF MULTIPLE COMPL.,
HOW MANY*

--

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4,696'-4,718' San Andres (Slaughter "B")

25. WAS DIRECTIONAL
SURVEY MADE

Totco Only

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Sonic

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	301	12-1/4"	200 reg. 2% ca cl	none
5-1/2"	14#	4,738	7-7/8"	275 50-50 Posmix "A"	
				Class "C"	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	4,678	none

31. PERFORATION RECORDED (Interval, size and number)

Eleven perforations at selected
intervals from 4,697'-4,717'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,697-4,717	3,500 gals 15% acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-1-69		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-27-69	24 hrs	-	→	52	26	23	500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-0-	→	52	26	23	33.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Clyde Mathews

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

R. A. Burton

TITLE

Drilling Engineer

DATE

2-28-69

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: ☐ OIL WELL ☐ GAS WELL ☒ DRY ☐ Other		5. LEASE DESIGNATION AND SERIAL NO. NM-041698-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ Other		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Eugene E. Nearburg		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 4219 Sigma Road, Dallas, Texas 75240		8. FARM OR LEASE NAME Kirkpatrick Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL and 660' FEL At top prod. Interval reported below At total depth		9. WELL NO. 7	
14. PERMIT NO. D D D D 252		15. COUNTY OR PARISH Roosevelt	
DATE ISSUED 3-2		16. STATE New Mexico	
15. DATE SPUN 2-23-70	16. DATE T.D. REACHED 3-5-79	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 4016.4' GR
20. TOTAL DEPTH, MD & TVD 4800'	21. PLUG, BACK T.D., MD & TVD 4758'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 4800'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4610' - 4660' San Andres 4517' - 4580' San Andres			
26. TYPE ELECTRIC AND OTHER LOGS RUN SNP, FDC, DIL			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	CEMENTING RECORD
8-5/8	20	298	150 sx
5-1/2	15.5	4788	200 sx
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) Perforated 1 shot @ 4611, 16, 21, 22, 28, 34, 39, 41, 45, 46, 53, 54, 56 & 57 (14 shots). 1 shot @ 4518, 20, 58, 64, 68, 73 & 79 (7 shots)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4611 - 57		8000 gal 15% acid	
4611-57		Squeezed w/100 sx cmt.	
4518-79		5000 gal 15% acid	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
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		TITLE Petroleum Engineer	
DATE		9-3-70	

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

INSTRUCTIONS

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Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

33. SUMMARY OF POROUS ZONES:		34. SUMMARY OF TESTS:		35. SUMMARY OF LOGS:		36. SUMMARY OF TESTS:		37. SUMMARY OF LOGS:		38. GEOLOGIC MARKERS		39. WELL COMPLETION OR RECOMPLETION REPORT		40. DEPARTMENT OF THE INTERIOR		41. GEOLOGICAL SURVEY		42. UNITED STATES	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	DATE	TIME	TEST	RESULT	DATE	TIME	TEST	RESULT	DATE	TIME	TEST	RESULT	DATE	TIME	TEST	RESULT
San Andres	4517	4595	Limited gas & water bearing	12-1-78	10:00	4595	4595	12-1-78	10:00	4595	4595	12-1-78	10:00	4595	4595	12-1-78	10:00	4595	4595
P1	4610	4660		12-1-78	10:00	4610	4610	12-1-78	10:00	4610	4610	12-1-78	10:00	4610	4610	12-1-78	10:00	4610	4610
P2																			
P3																			

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JUN 25 1990

ODD
HOEGG OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

FRANKLIN, ASTON & FAIR, INC.

3. ADDRESS OF OPERATOR

P. O. Box 1090, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FSL & 660' FEL Section 13-8S-37E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 044216

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bluitt-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 13-8S-37E, N.M.P.H.

12. COUNTY OR PARISH

Roosevelt

13. STATE

New Mexico

15. DATE SPUDDED

10-1-68

16. DATE T.D. REACHED

10-10-68

17. DATE COMPL. (Ready to prod.)

10-17-68

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4003' DF, 3991.3' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4756'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - T.D.

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4661'-4680' San Andres

25. WAS DIRECTIONAL SURVEY MADE

Totco only

26. TYPE ELECTRIC AND OTHER LOGS RUN

Microlaterog, Sonic, Lateral

27. WAS WELL CORED

Yes

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20#	295'	12 1/4"	150 sx with 2% CaCl	
5 1/2"	14#	4756'	7 7/8"	275 sx with 2% Gel	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	4553'	4553'

31. PERFORATION RECORD (Interval, size and number)

Nine perforations at selected intervals from 4661'-4680'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4661'-4680'	Treated with 3,000 gallons 15% DS-30 acid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-17-68		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-18-68	24	20/64"	→	150	143	0	950:1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
200#		→						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

J. W. Brasfield

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

Tom P. Stephens

TITLE

Executive Vice-President

DATE 10-19-68

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

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Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	3860'					
Slaughter (A) (Pay B) (C)	4554' 4656' 4704'	4656' 4704' 4756' TD				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 044216	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR FRANKLIN, ASTON & FAIR, INC.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1090, Roswell, New Mexico 88201				8. FARM OR LEASE NAME Bluitt-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FEL Sec. 13-8S-37E At top prod. interval reported below At total depth				9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT East Bluitt-San Andres	
15. DATE SPUDDED 12-10-68				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13-8S-37E, N.M.P.M.	
16. DATE T.D. REACHED 12-17-68				12. COUNTY OR PARISH Roosevelt	
17. DATE COMPL. (Ready to prod.) 12-22-68				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3997.5' GR, 4009.5' KB				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4694'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS O-T.D.		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4645' - 4669' San Andres (Slaughter B)				25. WAS DIRECTIONAL SURVEY MADE Totco only	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Sonic				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		20#		286'	
5 1/2"		14#		4694'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		175 sx w/2% CaCl			
7 7/8"		275 sx w/2% Gel			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2"		4550'		4550'	
31. PERFORATION RECORD (Interval, size and number)					
4645, 4648, 4649, 4651, 4657, 4658, 4664, 4667, and 4669					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4645 - 4669		3,000 gal. reg. acid			
4645 - 4669		6,000 gal. reg. acid			
33. PRODUCTION					
DATE FIRST PRODUCTION 12-22-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-23-68		HOURS TESTED 24		CHOKE SIZE 32/64	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 165		GAS—MCF. 128	
WATER—BBL. 0		GAS-OIL RATIO 776:1			
FLOW. TUBING PRESS. 205#		CASING PRESSURE		CALCULATED 24-HOUR RATE →	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented				TEST WITNESSED BY J. W. Brasfield	
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 <i>Grant M. Smith</i>		TITLE Geologist		DATE 12-26-68	

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

RECEIVED

JUN 25 1990

OCD
HOBBY OFFICE

INSTRUCTIONS

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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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
San Andres	3848'				
Slaughter (A)	4564'	4620'			
1st Anhydrite	4620'	4634'			
Slaughter (B)	4634'	4680'			
2nd Anhydrite	4680'	4694' TD			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

N.S. 044716

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Daddy Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

N. Bluff San Andres

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 13 T8S R37E

12. COUNTY OR PARISH

Hoodvevelt

13. STATE

L.A.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

E. J. M. Mearburg

3. ADDRESS OF OPERATOR

3333 Le Parkway Dallas, Texas 75219

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FSL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 2-4-69 16. DATE T.D. REACHED 2-13-69 17. DATE COMPL. (Ready to prod.) 2-26-69 18. ELEVATIONS (DF, RKB, RT, GR, ETC)* 3,997.5 Gr. 19. ELEV. CASINGHEAD 3,997.5

20. TOTAL DEPTH, MD & TVD 4900' KB 21. PLUG, BACK T.D., MD & TVD 4729' KB 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY 10-ED Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* San Andres P2 Zone 4621--4655 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN N.M., Laterolog and Microlaterolog 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	28#	295 Gr	12 1/2"	150 BX	
4 1/2"	9.5#	4787	7 7/8"	200 BX	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4553	4473

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9 Holes 4623, 4625, 4628, 4634, 4636, 4642, 4645, 4648, 4652				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				4623-4652 BP	6,090 Gals. 15% acid 8 Ball Swabers

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-26-69		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-26-69	24	28/64	→	330	239	0	694
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
110	0-packer	→	330	239	0	27.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
Vented	Eddie J. Gelwick

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

Eddie J. Gelwick

TITLE

Production Supt.

DATE

2-27-69

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

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Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres S.A. P1 S.A. P2 S.A. P3	3028' 4481' 4621' 4694'		Fair Porosity, Generally Tight Good Porosity, Good oil Saturation Good Porosity, High water saturation	P1 Marker	4345'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. NM 044216	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR Eugene E. Nearburg				7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR 3303 Lee Parkway Dallas, Texas 75219				8. FARM OR LEASE NAME Baetz Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FWL At top prod. interval reported below At total depth				9. WELL NO. 5	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT E. Bluit San Andres	
15. DATE SPUDDED 7-12-69 16. DATE T.D. REACHED 7-19-69 17. DATE COMPL. (Ready to prod.) 7-23-69				11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 13, T8S, R37E	
18. ELEVATIONS (DF, REB, BT, OR, ETC.) 3,992.2 Gr.				12. COUNTY OR PARISH Roosevelt	
19. ELEV. CASINGHEAD 3,992.2				13. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 4733 KB		21. PLUG, BACK T.D., MD & TVD 4715		22. IF MULTIPLE COMPL., HOW MANY* 3	
23. INTERVALS DRILLED BY Rotary				24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* San Andres P2, Top 4664, Bottom 4697	
25. TYPE ELECTRIC AND OTHER LOGS RUN SNP, LL, MLL, and Density				26. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8		28		294	
4 1/2		9.5		4733	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/2		150		None	
7 7/8		200		None	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
9 Holes, Size .41 4669, 4672, 4678, 4684, 4687, 4691 4694, 4698 4680					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4669-4698		6,000 gal. 15% NE Acid with ball sealers			
33. PRODUCTION					
DATE FIRST PRODUCTION 7-23-69		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 7-24-69	HOURS TESTED 24	CHOKE SIZE 14/64	PROD'N. FOR TEST PERIOD 160	OIL--BBL. 112,000	GAS--MCF. 0
FLOW. TUBING PRESS. 220	CASING PRESSURE 0	CALCULATED 24-HOUR RATE 160	OIL--BBL. 112,000	GAS--MCF. 0	WATER--BBL. 27
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
35. LIST OF ATTACHMENTS					TEST WITNESSED BY Gelwick
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED E. E. Gelwick		TITLE Production Supt.		DATE 7-24-69	

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

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Item 29: "Seals/Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL BUILD-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres S.A. P1 S.A. P2	3866 4520 4464		Fair Porosity, Generally tight Good Porosity, Good oil saturation	P1 Marker	4384		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐								
2. NAME OF OPERATOR Layton Enterprises, Inc.						5. LEASE DESIGNATION AND SERIAL NO. NM 044216									
3. ADDRESS OF OPERATOR 3103 79th St. Lubbock, Texas 79423						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL 1980' FEL At top prod. interval reported below Sec. 13, T 8 S, R 37 E At total depth Roosevelt County, New Mexico						7. UNIT AGREEMENT NAME									
14. PERMIT NO.						8. FARM OR LEASE NAME Bluitt Federal									
DATE ISSUED						9. WELL NO. 3									
15. DATE SPUDDED 10-2-77						10. FIELD AND POOL, OR WILDCAT Bluitt San Andres Assoz.									
16. DATE T.D. REACHED 10-9-77						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 13-8-37									
17. DATE COMPL. (Ready to prod.) 11-11-77						12. COUNTY OR PARISH Roosevelt									
18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 3997 GL						13. STATE New Mexico									
19. ELEV. CASINGHEAD 3996		20. TOTAL DEPTH, MD & TVD 4750		21. PLUG, BACK T.D., MD & TVD 4727		22. IF MULTIPLE COMPL., HOW MANY*									
23. INTERVALS DRILLED BY 0-4750		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4630-4660 San Andres (Slaughter B Zone)		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Neutron									
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)													
Casing Size		Weight, lb./ft.		Depth Set (MD)		Hole Size		Cementing Record		Amount Pulled					
8 5/8		24		402		12 1/4		325 sx - circulated		0					
4 1/2		10.5		4740		7 7/8		1500 sx - circulated		0					
29. LINER RECORD						30. TUBING RECORD									
Size		Top (MD)		Bottom (MD)		Sacks Cement*		Screen (MD)		Size		Depth Set (MD)		Packer Set (MD)	
										2 3/8		4700		-	
31. PERFORATION RECORD (Interval, size and number) 4630-4660 0.42" 16 holes						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval (MD)						Amount and Kind of Material Used									
4630-4660						16000 gal 20% HCl acid									
33. PRODUCTION															
Date First Production 11-11-77		Production Method (Flowing, gas lift, pumping—size and type of pump) Pumping				Well Status (Producing or shut-in) Producing									
Date of Test 11-19-77		Hours Tested 24		Choke Size		Prod'n. for Test Period		Oil—BBL. 34		Gas—MCF. 180		Water—BBL. 1		Gas-Oil Ratio 5294	
Flow. Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil—BBL. 34		Gas—MCF. 180		Water—BBL. 1		Oil Gravity-API (CORR.) 26.4			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold												TEST WITNESSED BY			
35. LIST OF ATTACHMENTS 2 copies Electric logs, Inclination surveys															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED Donald L. Layton President DATE 11-21-77															

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

RECEIVED

JUN 25 1990

U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Slaughter A	4520	4610	ND	San Andres	3850		
B	4630	4665	Pay zone, porous dolomite, oil				
C	4690	4750	ND				

UNITED STATES
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GEOLOGICAL SURVEY

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(See other instructions on reverse side)

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. N.E. 1/4 16	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Eugene A. Neuburg		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 3303 Lee Parkway Dallas, Texas 75219		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' SW 1/4 66 NW 1/4 At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 2-14-69		16. DATE T.D. REACHED 2-23-69	
17. DATE COMPL. (Ready to prod.) 2-26-69		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3,995.3 Gr.	
19. ELEV. CASINGHEAD 3,994'		20. TOTAL DEPTH, MD & TVD 4785'	
21. PLUG, BACK T.D., MD & TVD 4747'		22. IS MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. ROTARY TOOLS	
25. CABLE TOOLS		26. WAS DIRECTIONAL SURVEY MADE	
27. WAS WELL CORED		28. TYPE ELECTRIC AND OTHER LOGS RUN S.P.L., Laterolog and Microlaterolog	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE 8 7/8"		WEIGHT, LB./FT. 28.5	
DEPTH SET (MD) 303' 4747'		HOLE SIZE 12 1/8"	
CEMENTING RECORD 150 sacks 700 sacks		AMOUNT PULLED	
30. LINER RECORD			
SIZE 3/8"		TOP (MD) 4612'	
BOTTOM (MD) 4514'		SACKS CEMENT*	
SCREEN (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 8-Holes 4670, 4672, 4677, 4683, 4685, 4692, 4694, 4698			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD) 4670-4698		AMOUNT AND KIND OF MATERIAL USED 6,184 gal. 1% acid & pill sealers	
33. PRODUCTION			
DATE FIRST PRODUCTION 2-22-69		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING	
WELL STATUS (Producing or shut-in) Producing		DATE OF TEST 2-26-69	
HOURS TESTED 24		CHOKE SIZE 32/64	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 225	
GAS—MCF. 158		WATER—BBL. 0	
GAS-OIL RATIO 702		FLOW. TUBING PRESS. 105	
CASING PRESSURE 0—backer		CALCULATED 24-HOUR RATE →	
OIL—BBL. 225		GAS—MCF. 158	
WATER—BBL. 0		OIL GRAVITY-API (CORR.) 27	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
TEST WITNESSED BY Eddie J. Golwick			
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 Eddie J. Golwick		TITLE Production Mgt.	
DATE 2-27-69			

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Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
San Andres P1 Zone P2 Zone P3 Zone	5868 4530 4667 4742		Impermeable Impermeable Excellent Porosity & Permeability Same as P2 But high water Saturation	P1 Marker	4391'

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TRANSPORTER	OIL	
	GAS	
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I.

Operator Eugene E. Nearburg	
Address 3303 Lee Parkway Dallas, Texas 75219	
Reason(s) for filing (Check proper box)	
New Well ☒	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐
Other (Please explain)	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Baetz Fed.	Well No. 1	Pool Name, including Formation Bluitt-San Andres	Kind of Lease State, Federal or Fee Fed.	Lease No. NM044216
Location				
Unit Letter G ; 1980 Feet From The North Line and 1980 Feet From The East				
Line of Section 13 Township 8S Range 37E , NMPM, Roosevelt County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Mobil Oil Corp. (Grade Distillation)	Address (Give address to which approved copy of this form is to be sent) West Texas Oil Transportation Co. Inc. P.O. Box 725 Hobbs, N.M. 88240	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒ Cities Service	Address (Give address to which approved copy of this form is to be sent) Cities Service Plant Wilnesands, NM	
If well produces oil or liquids, give location of tanks.	Unit F	Sec. 13
	Twp. 8S	Rge. 37E
	Is gas actually connected? No When ?	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'v. ☐	Diff. Res'v. ☐
Date Spudded 12-11-68	Date Compl. Ready to Prod. 12-26-68		Total Depth 5050'		P.B.T.D. 1728'			
Elevations (DF, RKB, RT, GR, etc.) 3,999.4 Gr.	Name of Producing Formation San Andres		Top Oil/Gas Pay 4647 KB (9.6)		Tubing Depth 4509			
Perforations 14 Holes, 4649, 4649, 4655, 4655, 4661, 4661, 4667, 4667, 4671, 4671, 4675, 4675, 4679, 4679		Depth Casing Shoe 4783' Gr.						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE 12 1/4 7 7/8	CASING & TUBING SIZE 8 5/8 4 1/2 2 3/8		DEPTH SET 309 KB 4,793 KB 4,599		SACKS CEMENT 150 200			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 12-26-68	Date of Test 12-26-68	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 24 Hours	Tubing Pressure 140 PSI	Casing Pressure 0 Packer in Hole	Choke Size 20/64ths
Actual Prod. During Test 171 Bbls.	Oil - Bbls. 171	Water - Bbls. 0	Gas - MCF 131,000 CF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Eddie Schwab
(Signature)
Production Superintendent
(Title)
12-28-68
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19_____
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. N.M. 044216	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR Eugene E. Nearburg		7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR 3303 Lee Parkway Dallas, Texas 75219		8. FARM OR LEASE NAME Baetz Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 587' FNL & 1889.3 FWL At top prod. interval reported below At total depth		9. WELL NO. 4	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT E. Bluitz San Andres	
15. DATE SPUDDED 6-23-69 16. DATE T.D. REACHED 7-1-69 17. DATE COMPL. (Ready to prod.) 7-15-69		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 13-T8s-R37e	
18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 4011 Gr.		12. COUNTY OR PARISH Roosevelt	
19. ELEV. CASINGHEAD 4011		13. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 4760 21. PLUG BACK T.D., MD & TVD 4751		22. IF MULTIPLE COMPL., HOW MANY? 1	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* San Andres P2, Top 4633 Bottom 4662' KB	
25. TYPE ELECTRIC AND OTHER LOGS RUN SNP, MLL, & LL		26. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
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 E. E. Selwick		TITLE Production Supt. DATE 7-18-69	

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report, and for all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 28, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres		3835'		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, TIME TOOL RUN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES San Andres P1 Fair Porosity, generally tight Good Porosity, good oil saturation Good Porosity, high water saturation	4357'	
S.A. P1		4494'				
S.A. P2		4631'				
S.A. P3		4704'				
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