

8/21/97 9/10/97 MS KV NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners DONE AS OPERATOR.

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO COPY OF 3160-3 ATTACHED.
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

STERLING RANDOLPH
Print or Type Name

Signature

Sterling Randolph

PETROLEUM ENGINEER
Title

Date

August 18, 1997

CCCC

August 18, 1997

NEW MEXICO OIL CONSERVATION DIVISION
ATTN: Mike Stogner or David Catanach
2040 S. Pacheco
Santa Fe, New Mexico 87505

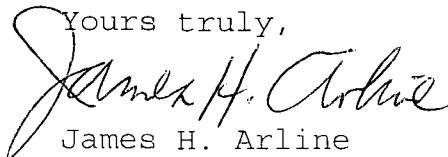
Re: Unorthodox location of Jackson A #16
Unit O, 1245'FNL, 2570'FEL,
Sec 13, T17S, R30E
Eddy County, New Mexico

Gentlemen:

Burnett Oil Co., Inc. request an exception without notice and hearing to Rule 104 for the Jackson A #16 recompletion in the Grayburg formation. This well was drilled in July 1992 and completed in September 1992 as the Grayburg Jackson San Andres Unit #49 as a legal location without regard to the original lease lines. The cost of plugging this well bore and drilling a new well would not be an economic probability. Our intention is to lay a flowline to the existing Jackson A tank battery @ Unit B, Sec 24, T17S, R30E to handle the production. The attached plat shows that we are the operator of record for all adjacent leases. No archaeological survey was done for this area since it is an existing well site pad. We are requesting an archaeological survey for the flowline since it will traverse an undisturbed area. A copy of the submitted BLM 3160-3 is also attached for your reference.

Please advise if you should need any further information.

Yours truly,



James H. Arline
Materials Coordinator

xc:NMOCD-Artesia

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

BURNETT OIL CO., INC

3. ADDRESS OF OPERATOR

801 CHERRY STREET, SUITE 1500, FORT WORTH, TEXAS 76102

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

At surface UNIT 0 2570' FEL, 1245' FSL

At proposed prod. zone SAME AS SURFACE.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5 MILES NENE OF LOCO HILLS, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

APPROX 3000'

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3722' GR

22. APPROX. DATE WORK WILL START*

9/15/97

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24	482' IN PLACE	300 SKS
7 7/8"	5 1/2"	17	3541' IN PLACE	1375 SKS

PRESENT OPEN UNIT INTERVAL 3030'-3471', TD 3551, PBTD 3492'. DIG 40' X 40' WORKING PIT. ANY ACCUMULATION IN THE PIT WILL DISPOSED OF IN AN APPROVED DISPOSAL METHOD & PIT WILL BE BACKFILLED & LEVELED UPON COMPLETION OF THIS WORK. CLEAN OUT 5 1/2" CASING, SET CIBP @ APPROX 3020', DUMP 35' CEMENT ON TOP TO P&A UNITIZED ZONE. PERFORATE APPROX 2773'-2975' & STIMULATE. NEW COMPLETION WILL BE NAMED JACKSON A #16 AS A NON-STANDARD GRAYBURG LOCATION. WE DO ATTEST THAT BURNETT OIL CO., INC. IS OPERATOR OF RECORD OF ALL CONTIGUOUS LEASES IN THE AREA. WE HAVE FILED FOR ADMINISTRATIVE APPROVAL FROM THE NMOCD.

ALL PRODUCTION WILL BE PIPED TO THE JACKSON A TANK BATTERY IN UNITB SEC 24, T17S, R30E. ALL PRODUCTION FROM THIS BATTERY IS ALLOCATED BASED ON PERIODIC INDIVIDUAL WELL TEST.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Arthur J. Landwehr

TITLE

PETROLEUM ENGINEER

DATE

August 18, 1997

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

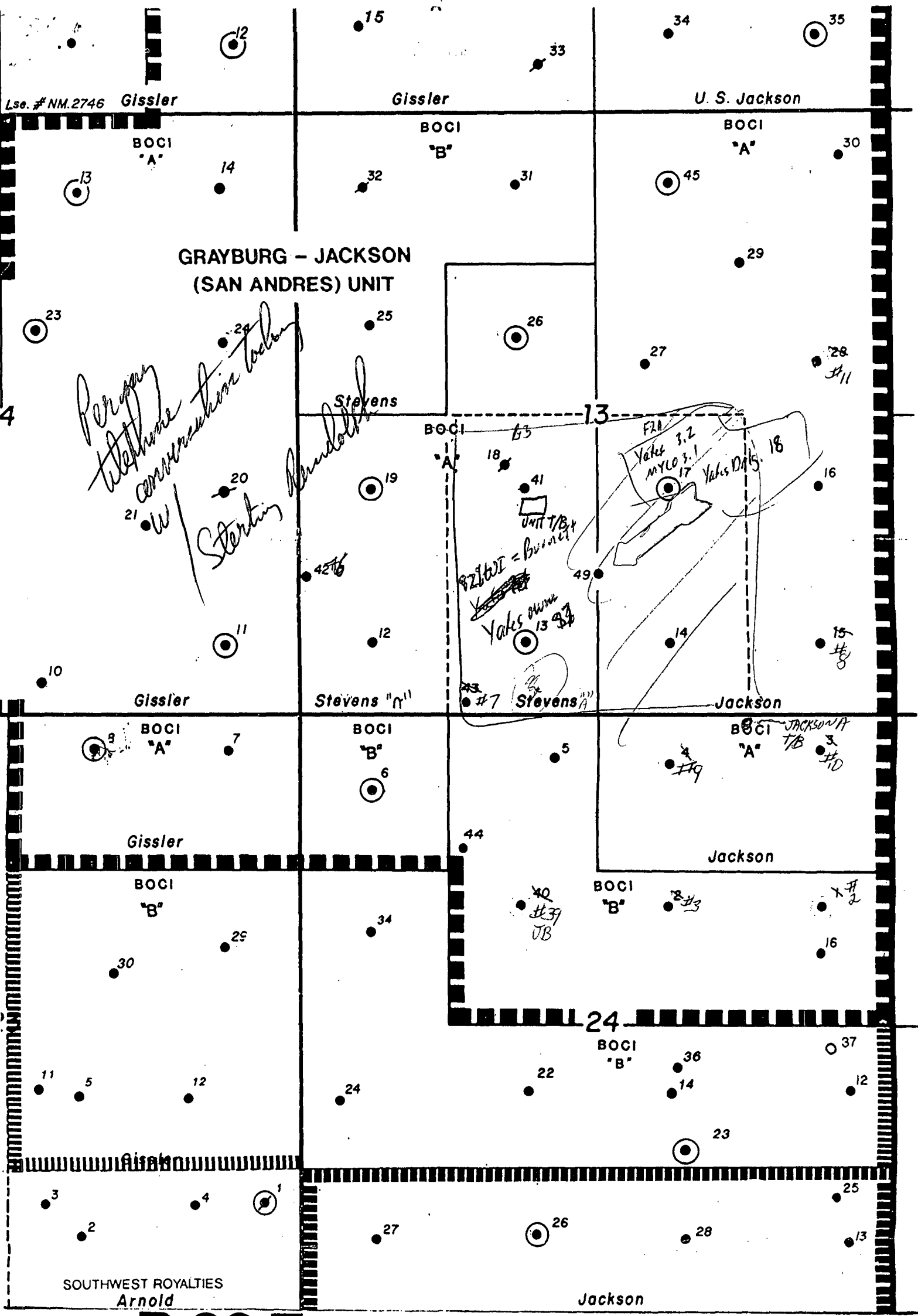
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



R 30 E

BURNETT OIL CO, INC.

**GRAYBURG JACKSON -
SAN ANDRES UNIT
EDDY COUNTY, NEW MEXICO**



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5663
Order No. R-5206

APPLICATION OF ANNE BURNETT TANDY
dba WINDFOHR OIL COMPANY FOR 12
UNORTHODOX OIL WELL LOCATIONS AND
AN ADMINISTRATIVE PROCEDURE, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 14, 1976,
at Santa Fe, New Mexico, before Examiner, Daniel S. Nutter.

NOW, on this 27th day of April, 1976, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required
by law, the Commission has jurisdiction of this cause and the
subject matter thereof.

(2) That the applicant, Anne Burnett Tandy dba Windfohr
Oil Company, seeks approval of 12 unorthodox oil well locations
to be drilled to the San Andres formation at the following
locations in the Grayburg-Jackson Unit, Township 17 South, Range
30 East, NMPM, Grayburg-Jackson Pool, Eddy County, New Mexico,
as follows:

Section 13:

2615 feet from the South line and 1345 feet
from the East line.

2415 feet from the South line and 2415 feet
from the West line.

2615 feet from the North line and 1295 feet
from the West line.

1295 feet from the South line and 1295 feet
from the East line.

1295 feet from the South line and 2615 feet
from the East line.

1295 feet from the South line and 1345 feet from the West line.

1295 feet from the South line and 25 feet from the West line.

200 feet from the South line and 1345 feet from the East line.

25 feet from the South line and 1345 feet from the West line.

Section 14:

2500 feet from the North line and 25 feet from the East line.

Section 24:

25 feet from the North line and 25 feet from the West line.

1120 feet from the North line and 1345 feet from the West line.

(3) That applicant further seeks the establishment of an administrative procedure whereby the above wells could be relocated and other similar unorthodox locations approved without notice and hearing.

(4) That wells at said unorthodox locations will better enable applicant to produce the oil underlying the Grayburg-Jackson Unit Area.

(5) That no offset operator objected to the proposed unorthodox locations.

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That 12 unorthodox oil well locations for the San Andres formation are hereby approved for wells to be located in the Grayburg-Jackson Unit, Township 17 South, Range 30 East, NMPM, Grayburg-Jackson Pool, Eddy County, New Mexico, as follows:

Section 13:

2615 feet from the South line and 1345 feet from the East line.

2415 feet from the South line and 2415 feet from the West line.

2615 feet from the North line and 1295 feet from the West line.

1295 feet from the South line and 1295 feet from the East line.

1295 feet from the South line and 2615 feet from the East line.

1295 feet from the South line and 1345 feet from the West line.

1295 feet from the South line and 25 feet from the West line.

200 feet from the South line and 1345 feet from the East line.

25 feet from the South line and 1345 feet from the West line.

Section 14:

2500 feet from the North line and 25 feet from the East line.

Section 24:

25 feet from the North line and 25 feet from the West line.

1120 feet from the North line and 1345 feet from the West line.

(2) The Secretary-Director of the Commission is hereby authorized to amend the locations of the hereinabove authorized wells and to approve additional producing wells and injection wells at orthodox and unorthodox locations within the boundaries of the Grayburg-Jackson Unit Area as may be necessary to complete an efficient production and injection pattern, provided said wells are drilled no closer than 330 feet to the outer boundary of said Grayburg-Jackson Unit nor closer than 10 feet to any quarter-quarter section of subdivision inner boundary. To obtain such approval, the project operator shall file proper application with the Commission, which application, if it seeks authorization to convert additional wells to injection or to drill additional production or injection wells shall include the following:

- (A) A plat showing the location of proposed well, all wells within the project area, and offset operators, locating wells which offset the project area.

- (B) A schematic drawing of any proposed injection well which fully describes the casing, tubing, packer, leak detection equipment, perforated interval, and depth.

The Secretary-Director may grant immediate approval of the proposed well, if in his opinion, the well is necessary to complete an efficient injection and production pattern for the project.

PROVIDED HOWEVER, if the application is for a well closer than 330 feet to the outer boundary of the Grayburg-Jackson Unit, a copy of the application shall be sent to the operator of any proration unit outside of the Grayburg-Jackson Unit which offsets, directly or diagonally, the proration unit upon which such unorthodox location is proposed. The Secretary-Director shall wait 20 days before approving such unorthodox location, and shall do so only in the absence of objection from the offset operator(s). The 20-day waiting period may be dispensed with upon receipt of waiver of objection from the aforesaid operator(s).

- (3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

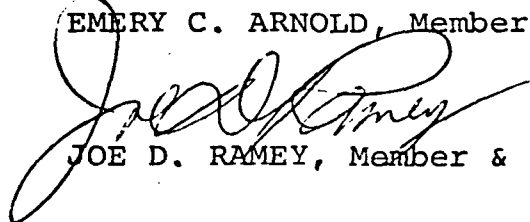
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member



JOE D. RAMEY, Member & Secretary

S E A L

jr/

'93 JAN 28 BURBAG 081

DEC 28 10 23 AM '92

SUNDRY NOTICES AND REPORTS ON WELLS

C. C. D.

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 029339A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Grayburg Jackson
(San Andres) Unit

8. Well Name and No.

49

9. API Well No.

30-015-26968

10. Field and Pool, or Exploratory Area

Grayburg Jackson

11. County or Parish, State

Eddy, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Burnett Oil Co., Inc.

3. Address and Telephone No.

801 Cherry Street, Suite 1500, Fort Worth, TX 76102 817/332-5108

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit 0, 2570' FEL, 1245' FSL, Sec. 13, T17S, R30E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other Drilling & Completion☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7/ 5/92 Spudded well. Drilled 12 $\frac{1}{4}$ " hole to 483'. Ran 11 jts new 8-5/8" OD 24# casing (470 set @ 482'KB. Cemented w/ 300 sks CL C, 2% CaCl₂. Circulated 15 sks to pit. WOC 12 hrs.

7/ 6/92 Tested casing to 800 psi. Okay. Drilled 7-7/8" hole to 3551'TD on 7/10/92. 700 BP to water flow @ approx. 1600', increased to 2000 BPD @ 2440'. Ran 79 jts new 5 $\frac{1}{2}$ " OD 17# casing. Set @ 3541'KB. Stage cementer @2539'. Cemented 1st stage (TD back to stage cementer) w/ 275 sks C1 C, 6# salt/sk. Cemented 2nd stage (from stage cementer to 1200') with 400 sks C1 H, 10# salt/sk. Cemented 3rd stage (waterflows w/ 200 sks C1 H, 6% gel and 100 sks C1 H neat. Closed stage cementer.

7/17/92 Drilled out stage cementer. Ran CBL. Good to excellent bonding. TOC 1490'. Ran to GR/CNL. Perforated 5 $\frac{1}{2}$ " casing, 2 holes @ 1480'. Cemented w/ 400 sks C1 H. Ran 8/13/92 temperature survey, TOC @ 1140', WOC. Cementing complete. Drilled out cement @ 1480', cleaned out to TD. Tested casing to 3000 psi. Okay.

8/14 - Perf Jackson interval 3336'-3471' (22 holes). Acidized with 2200 gal 15% HCl. 8/20/92 Tested.

8/29/92 Perf San Andres 3195'-3202'. Tight.

9/2-11/17/92 Perf San Andres 3030'-3152'. Acidized w/ 1000 gal 15% HCl. Tested.

11/13/92 Put on pump from all zones.

12/12/92 Tested 15 BOPD, 311 BOPD, 1 MCEGPD.

14. I hereby certify that the foregoing is true and correct

Signed

Title Production SuperintendentDate 12/23/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

DISTRICT II
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Santa Fe, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED

DEC 30 1992

O. C. D.

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Burnett Oil Co., Inc.	Well API No. 30-015-26968
Address 801 Cherry Street, Suite 1500, Fort Worth, TX 76102	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Grayburg Jackson (San Andres) Unit	Well No. 49	Pool Name, including Formation Grayburg Jackson	Kind of Lease State, (Federal) or Fee	Lease No. LC029339A
Location Unit Letter <u>0</u> : <u>2570</u> Feet From The <u>East</u> Line and <u>1245</u> Feet From The <u>South</u> Line Section <u>13</u> Township <u>17S</u> Range <u>30E</u> , <u>NMPM</u> , <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Refining	Address (Give address to which approved copy of this form is to be sent) PO Drawer 159, Artesia NM 88210	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Conoco, Inc.	Address (Give address to which approved copy of this form is to be sent) PO Box 1267, Ponca City, OK 74603	
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 13
	Twp. 17S	Rge. 30E
	Is gas actually connected? yes	When? 10/1/92

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well XX	Gas Well	New Well XX	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 7/5/92	Date Compl. Ready to Prod. 9/18/92		Total Depth 3551'		P.B.T.D. 3492'			
Elevations (DF, RKB, RT, GR, etc.) 3722' GR	Name of Producing Formation San Andres		Top Oil/Gas Pay 3030'		Tubing Depth 3443'			
Performances 3066'-72', 3146'-52', 3336'-3471'					Depth Casing Shoe			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/2"	8-5/8" OD 24#	482'	300
7-7/8"	5 1/2" OD 17#	3541'	1375
5"	2.375" EUE 4.6	3443'	

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.)

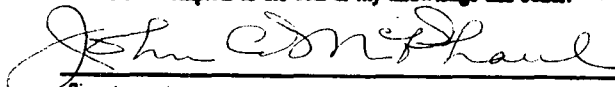
Date First New Oil Run To Tank 10/1/92	Date of Test 12/12/92	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hrs	Tubing Pressure 5	Casing Pressure 5	Choke Size 2"
Actual Prod. During Test 326 bbls	Oil - Bbls. 15	Water - Bbls. 311	Gas - MCF 1

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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


Signature
John C. McPhaul, Production Supt.
Printed Name
12/23/92
Date
817/332-5108
Telephone No.

OIL CONSERVATION DIVISION

DEC 30 1992

Date Approved

By

Title

SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT DIVISION

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ 93 JAN DRY 7 AM 8 59
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other APTE
2. NAME OF OPERATOR
Burnett Oil Co., Inc.
3. ADDRESS OF OPERATOR
801 Cherry Street, Suite 1500, Fort Worth, TX 76102 817/332-5108
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface Unit 0, 2570' FEL, 1245' FSL, Sec. 13, T17S, R30E
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
LC029339A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Grayburg Jackson
(San Andres)
8. FARM OR LEASE NAME

9. WELL NO.
49
10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson
11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
13, 17S, 30E
12. COUNTY OR PARISH
Eddy
13. STATE
NM

13. DATE SPUDDED 7/5/92 16. DATE T.D. REACHED 7/10/92 17. DATE COMPL. (Ready to prod.) 9/18/92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3722' GR 19. ELEV. CASINGHEAD 3720'
20. TOTAL DEPTH, MD & TVD 3551' 21. PLUG, BACK T.D., MD & TVD 3492' PB 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY → ROTARY TOOLS All CABLE TOOLS None
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3066'-72' (Vacuum), 3146'-52' (Lovington), 3336'-3471' (Jackson) 25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CN/CBL 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" OD	24	482' KB	12 1/4"	300sks C1 C, TOC surface	None
5 1/2" OD	17	3541' KB	7-7/8"	275sks C1 C	
				1100 sks C1 H, TOC 1140'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375"	3443'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3030', 66', 68', 70', 72', 3146', 48', .5"	11			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3150', 52', 95', 3202'				1480'	400 sks C1 H
3336', 37', 53', 54', 82', 3406', 07', .5"	22			3030'-3202'	1000 gal 15% HCl
3408', 39.5', 40.5', 3446', 47',				3336'-3471'	2200 gal 15% HCl
48', 49', 50', 54', 57', 58', 68', 69', 70', 71'					

33. PRODUCTION
DATE FIRST PRODUCTION 10/1/92 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 250-175-16-18- TWB WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12/12/92 HOURS TESTED 24 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD → OIL—BBL. 15 GAS—MCF. 1 WATER—BBL. 311 GAS-OIL RATIO 67
FLOW. TUBING PRESS. -- CASING PRESSURE -- CALCULATED 24-HOUR RATE → OIL—BBL. 15 GAS—MCF. 1 WATER—BBL. 311 OIL GRAVITY-API (CORR.) 38

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Conoco, Inc. TEST WITNESSED BY Rayford Starkey

35. LIST OF ATTACHMENTS
Logs, Deviation record

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

SIGNED John C. McPhaul TITLE Production Superintendent DATE 12/23/92

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

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.
San Andres Jackson	3030' 3336'	3202' 3471'	Dolomite and limey sand oil pays Dolomite oil

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
T. Salt	500'	500'
B. Salt	1220'	1220'
T. Queen	2288'	2288'
T. Grayburg	2672'	2672'
T. San Andres	3017'	3017'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

30-05-26968
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

2 MAR 22 AM 10 15

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC 029339 (A)
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Burnett Oil Co., Inc. ✓ 817/332-5108			7. UNIT AGREEMENT NAME Grayburg Jackson (San Andre)
3. ADDRESS OF OPERATOR 801 Cherry Street, Suite 1500, Fort Worth, TX 76102			8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface Unit Letter O, 2570' FEL, 1245' FSL, Sec. 13, T17S, R30E At proposed prod. zone Same			9. WELL NO. 49
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles northeast of Loco Hills, NM			10. FIELD AND POOL, OR WILDCAT Grayburg Jackson
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 2570'	16. NO. OF ACRES IN LEASE 2040 (in Unit)	17. NO. OF ACRES ASSIGNED TO THIS WELL Infill	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 13, 17S, 30E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 3550'	20. ROTARY OR CABLE TOOLS Rotary	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3722' GR No Water Basin		22. APPROX. DATE WORK WILL START* 3/30/92	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24	500'	±300 sks C1 C (will circulate)
7-7/8"	5 1/2"	17	3550'	±500 sks C1 C (or equivalent)
				(if waterflows are encountered, cementing program may vary)

A 12 1/4" surface hole will be drilled to the Rustler Anhydrite. 8-5/8" casing will be set at this point and cemented back to the surface. After waiting on cement 12 hrs., casing and blowout preventer will be tested before drilling out the shoe. A 7-7/8" hole will then be drilled to the base of the Jackson producing interval at ±3550'. We anticipate evaluating a shallow zone in the Fren interval from approximately 1850'-1925' by coring. No completion will be attempted in this non-unitized zone. 5 1/2" casing will be set at TD and cemented back to the base of the salt at approximately 1290'. Productive zones in the unitized interval will then be perforated and treated conventionally.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED John C. McShaul TITLE Production Superintendent DATE 2/11/92
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 3-11-92
CONDITIONS OF APPROVAL IF ANY:
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1863, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Elko Branch Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BURNETT OIL CO., INC.			Lease GRAYBURG JACKSON (S.A.)		Well No. 49
Unit Letter 0	Section 13	Township 17 SOUTH	Range 30 EAST	County EDDY	

Actual Footage Location of Well:

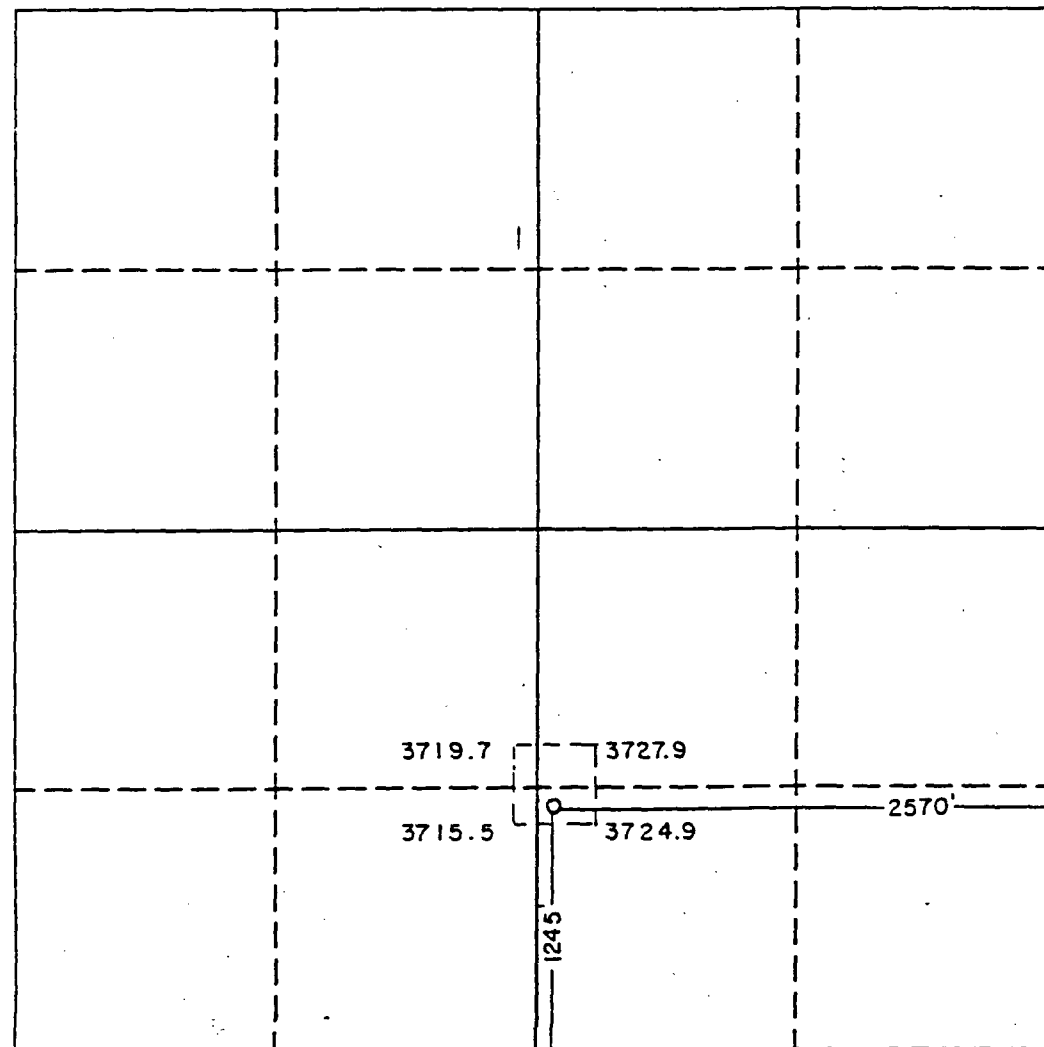
2570 feet from the EAST line and		1245 feet from the SOUTH line	
Ground Level Elev. 3722.2	Producing Formation San Andres	Pool Grayburg Jackson	Dedicated Acreage: 40 Acres

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

☒ Yes ☐ No If answer is "yes" type of consolidation **Unit**

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

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



OPERATOR CERTIFICATION

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

Signature *John C. McPhaul*
Printed Name **John C. McPhaul**
Position **Production Supt.**
Company **Burnett Oil Co., Inc.**
Date **February 11, 1992**

SURVEYOR CERTIFICATION

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

Date Surveyed **JAN. 13, 1992**
Signature & Seal of Professional Surveyor

Ronald J. Edson
Certificate No. **JOHN W. WEST, 876**
RONALD J. EDSON, 3538
GARY L. JONES, 7877

W.O. 92-11-0048

GRAYBURG JACKSON
(SAN ANDRES)

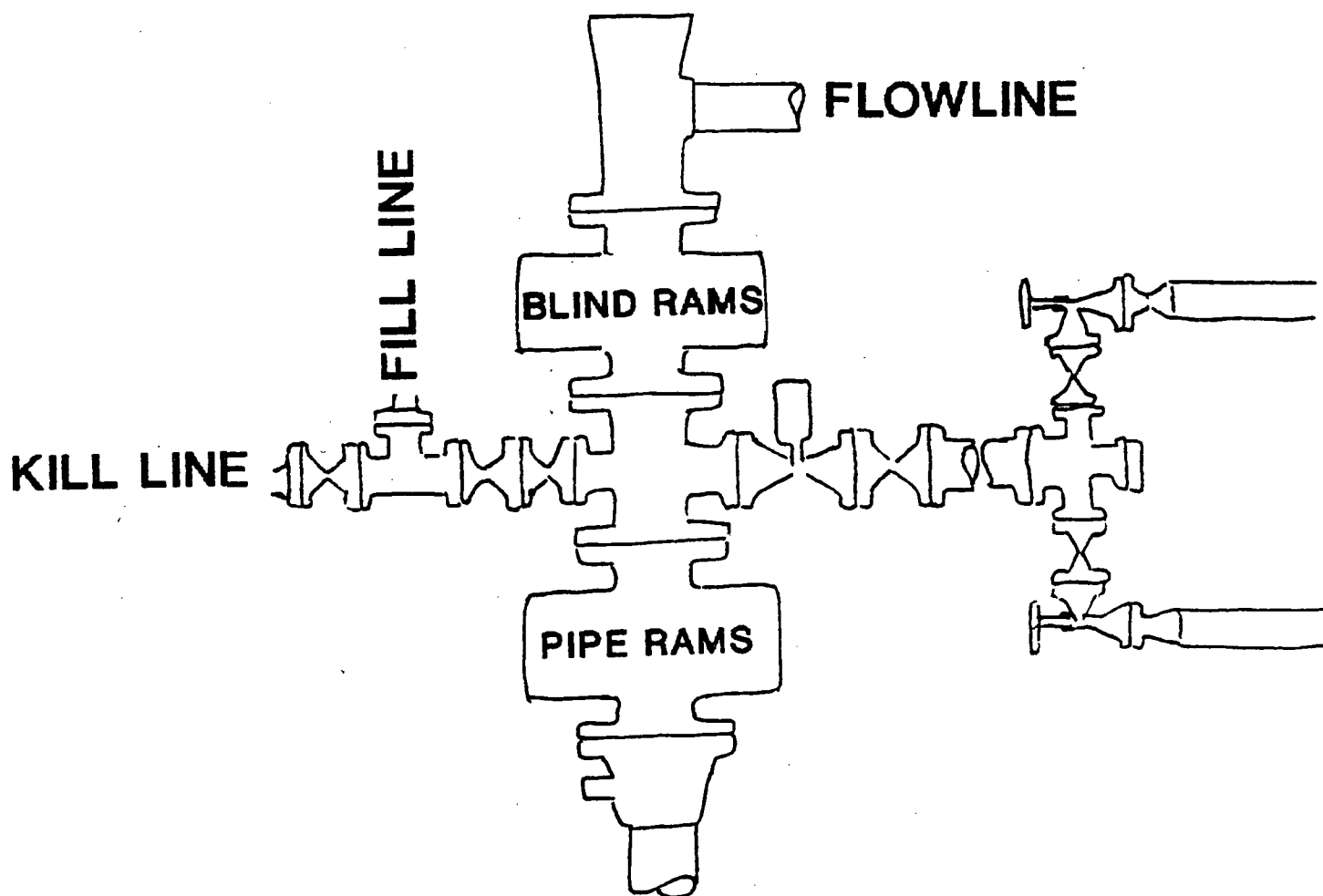
UNIT # 49

EXHIBIT D

BURNETT OIL CO., INC

BLOWOUT PREVENTER SPECIFICATIONS

3000 PSI DOUBLE RAM



THE BOPE WILL BE TESTED TO 3000 PSI
BEFORE DRILLING OUT BELOW SURFACE PIPE.

WRS COMPLETION REPORTCOMPLETIONS SEC 13 TWP 17S RGE 30E
PI# 30-T-0004 02/05/93 30-015-26968-0000 PAGE 1

NMEX EDDY * 1245FSL 2570FEL SEC SW SE
STATE COUNTY FOOTAGE SPOT
BURNETT OIL D DO
OPERATOR WELL CLASS INIT FIN
49 GRAYBURG-JACKSON (SAN ANDRES) UNIT
WELL NO. LEASE NAME
3734KB 3722GR GRAYBURG-JACKSON
OPER ELEV FIELD POOL AREA
API 30-015-26968-0000
LEASE NO. PERMIT OR WELL I.D. NO.
07/05/1992 12/12/1992 ROTARY VERT OIL
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS
3550 W E K DRLG 3 RIG SUB 11
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 3551 PB 3492 FM/TD SN ANDRS
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

4 MI NE LOCO HILLS, NM

CASING/LINER DATACSG 8 5/8 @ 482 W/ 300 SACKS
CSG 5 1/2 @ 3541 W/ 1375 SACKS**TUBING DATA**

TBG 2 3/8 AT 3443

INITIAL POTENTIAL

IPP 15BOPD 1 MCFD 311BW 24HRS
SN ANDRS PERF W/ 33/IT 3030- 3471 GROSS
PERF 3030, 3066, 3068, 3070, 3072, 3146, 3148, 3150
PERF 3152, 3195, 3202, 3336, 3337, 3353, 3354, 3382
PERF 3406, 3407, 3408, 3439, 3440, 3446, 3447, 3448
PERF 3449, 3450, 3454, 3457, 3458, 3468, 3469, 3470
PERF 3471
ACID 3030- 3202 1000GALS
15% HCL
ACID 3336- 3471 2200GALS
15% HCL
GTY 38.0 GOR 67

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	SALT		500 3222	1220 2502

CONTINUED IC# 300157007392

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**Petroleum Information
Corporation**PI-WRS-GET
Form No 187

COMPLETIONS SEC 13 TWP 17S RGE 30E
PI# 30-T-0004 02/05/93 30-015-26968-0000 PAGE 2

BURNETT OIL D DO
49 GRAYBURG-JACKSON (SAN ANDRES) UNIT

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
------	-----------	-----	-----	-----------	-----	-----------

LOG	QUEEN		2288	1434		
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LOG	GRAYBURG		2672	1050		
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LOG	SN ANDRS		3017	705		
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SUBSEA MEASUREMENTS FROM GR

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS	GR	CNL	CBL
------	----	-----	-----

DRILLING PROGRESS DETAILS

BURNETT OIL
BOX 188
LOCO HILLS, NM 88255
505-677-2313

02/27 LOC/1992/

07/16 3551 TD, WOCT

02/01 RIG REL 07/10/92

3551 TD, PB 3492

COMP 12/12/92, IPP 15 BO, 1 MCFG, 311 BWPD

GOR 67, GTY 38

PROD ZONE - SAN ANDRES 3030-3471

NO CORES OR DSTS RPTD