

Case Number
4522

Application

Transcripts

Small Exhibits

ETC.

Santa Fe
NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

Form C-109
Adopted 9-1-66

NOTE: This form is to be filled and attachments made in accordance with the provisions of Rule 509.
If discovery is claimed for more than one zone, separate forms must be filed for each.

Operator Jack P. Grimm		Address P. O. Box 35, Abilene, Texas 79604	
Lease Name Federal - 28		Well No. 1	County Chaves
Well Location			
Unit Letter G	1,980	Feet from The North	Line and 1,980 Feet
From the East	Line of Section 28	Township 14S	Range 30E NMPM
Suggested Pool Names (List in order of preference)			
1. Jackie Grimm Queen Sand		2. Grimm Queen Sand	
3. Jackie B. Queen Sand			
Name of Producing Formation Queen	Perforations 2142 - 2144	Date of Filing Form C-104 2-3-71	
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No	If Yes, Give Date of Filing --	Date Well was Spudded 11/24/70	Date Compl. Ready to Prod. 2/16/71
Total Depth 11,018	Plugged Back Depth 2,173	Depth Casing Shoe 2,748	Tubing Depth 2,095
Elevation (Gr., DF, RKB, RT, etc.) BF 3909			
Oil Well Potential (Test to be taken only after all load oil has been recovered)			
96.60 Bbls. Oil Per Day Based On 96.60 Bbls In 24 Hours; 41.40 Bbls Water Per Day Based On 41.40 Bbls			
In 24 Hours; Gas Production During Test: 144 MCF; Gas-Oil Ratio: 1500/1 Method of Producing: Flow Chk. Size 42/64"			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name Double L	Name of Producing Formation Queen Sand	Top of Pay 1950+ -	Bottom of Pay 2000+-	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 2 1/2 Miles Southwest		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Double L Queen Sand	Top of Pay 1950+-	Bottom of Pay 2000+-	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 2 1/2 miles Southwest			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
---	--

Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)?	If Yes, Name all Such Formations
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LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

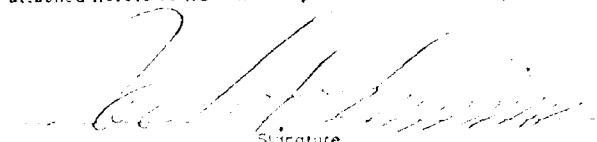
NAME	ADDRESS
Continental Oil Company	Hobbs, New Mexico
Cities Service Oil Company	Midland, Texas
Asarada Oil Company	Midland, Texas
Sun Oil Company	Midland, Texas
Sunsat International	Dallas, Texas
Occidental Petroleum	Midland, Texas
Pan American Petroleum Corp.	Fort Worth, Texas

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks:

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.


 Signature _____ Position _____ Date **2/16/71**

DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	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

Operator Jack F. Grimm

Address P. O. Box 35, Abilene, Texas 79604

Reason(s) for filing (Check proper box)

New Well <input checked="" type="checkbox"/>	Change in Transporter of:	Other (Please explain)
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal - 28	Well No. 1	Pool Name, Including Formation Wildcat - Queen	Kind of Lease State, Federal or Fee Federal	Lease No. 0343765-A
Location				
Unit Letter <u>G</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u>				
Line of Section <u>28</u> Township <u>14S</u> Range <u>30E</u> , NMPM, <u>Chaves</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"/>	Address (Give address to which approved copy of this form is to be sent)
Scurlock Oil Company	412 Building of Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	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 <u>G</u> Sec. <u>28</u> Twp. <u>14S</u> Rge. <u>30E</u> Is gas actually connected? <u>No</u> 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 <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 11/24/70	Date Compl. Ready to Prod. 2/16/71	Total Depth 11,018'		P.B.T.D. 2,175'				
Elevations (DF, RKB, RT, GR, etc.) 3909 DF	Name of Producing Formation Queen Sand	Top Oil/Gas Pay 2,141		Tubing Depth 2,095'				
Perforations				Depth Casing Shoe				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
12 1/4"	8 5/8	2748		550 sx				
13 3/4"	12 3/4	300		300 sx				
	2 3/8	2095						

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)

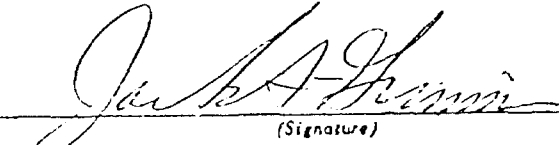
Date First New Oil Run To Tanks 1/26/71	Date of Test 1/27/71	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 24 hours	Tubing Pressure 40#	Casing Pressure Packer	Choke Size 42/64
Actual Prod. During Test 138 Fluid	Oil - Bbls. 96.60	Water - Bbls. 41.40	Gas - MCF 144 MCF

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. 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.


(Signature)
Operator _____
(Title)
2/16/71
(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.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Jack F. Grimm ADDRESS P. O. Box 35, Abilene, Texas 79604
 FIELD Wildcat LEASE Federal "28" WELL NO. 1
 LOCATION 1980' from North & East lines of Sec. 28, T-14-S, R-30-E, Chaves
 County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES
315	1	6825	3/4
1070	3/4	7100	1
1568	1	7486	1
1876	1	7942	1
2443	1-1/2	8438	2
2603	1	8707	2-3/4
2755	3/4	9051	3
3264	3/4	9266	2
3480	1	9681	1-1/2
4000	1	9761	3/4
4501	1/2	10,134	3/4
5022	3/4	10,332	1
5520	1	10,479	1/2
6014	3/4	10,964	1
6368	1-1/4		

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Jack F. Grimm
 Signature
 ARD DRILLING COMPANY
 Company

STATE OF TEXAS
 COUNTY OF MIDLAND
Taylor

Before me, the undersigned authority, on this day personally appeared Jack F. Grimm, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Jack F. Grimm
 Signature
Operator
 Title

Sworn and Subscribed to before me, this the 46th day of Feb., 19 71
June Mitchell
 Notary Public in and for Midland County,
 Texas, Taylor

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677-8863
677-9881

February 17, 1971

Mr. H. M. Newton
Continental Oil Company
P. O. Box 431
Midland, Texas 79701

Dear Mr. Newton,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate it if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677-6663
677-9881

February 17, 1971

Mr. F. R. York
Sun Oil Company
P. O. Box 1861
Midland, Texas

Dear Ron,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate it if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 877-6663
877-9881

February 17, 1971

Mr. J. Frank Riney, Landman
Cities Service Oil Company
800 Vaughn Building
Midland, Texas 79701

Dear Frank,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate it if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677-6663
677-8881

February 17, 1971

Mr. O. I. (Ike) Halbert
Manager - Exploration and Operations
Sunset International Petroleum Corporation
2400 Fidelity Union Tower
Dallas, Texas 75201

Dear Ike,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate it if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677.6663
677.9881

February 17, 1971

Mr. E. Richard Neff
District Geologist
Occidental Petroleum Corporation
306 Wall Towers East
Midland, Texas 79701

Dear Mr. Neff,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate if if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677-6663
677-9881

February 17, 1971

Mr. R. M. Garst, District Landman
Amoco Production Company
P. O. Box 1410
Fort Worth, Texas 76101

Dear Mr. Garst,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate it if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677-6663
677-9881

February 17, 1971

Mr. Charles C. Stanford, Landman
Amerada Hess Corporation
600 Fidelity National Building
Oklahoma City, Oklahoma 73102

Dear Mr. Stanford,

Enclosed please find your copy of the Application for Discovery Allowable on the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

In the event your company is interested in making a trade on your acreage in the area, I would appreciate it if you would give me first opportunity to acquire an interest in your acreage for the Queen Sand rights on some kind of a continuous development program.

Sincerely yours,

JFG:jm

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Bureau No. 42-R555.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. 0343765-A	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Jack F. Grimm		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 35, Abilene, Texas 79604		8. FARM OR LEASE NAME 28 - Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,980' from North & East lines of Section 28; At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. 1	
14. PERMIT NO. _____		10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED 11/12/70		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, T. 14S, R. 30E	
15. DATE SPUNDED 11/24/70		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 1/6/71		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 2/16/71		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* DF 3,909'	
19. ELEV. CASINGHEAD 3,898'		20. TOTAL DEPTH, MD & TVD 11,018'	
21. PLUG, BACK T.D., MD & TVD 2,175		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY _____		24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME, (MD AND TVD)* 2,142-44'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser, Atlas - Gamma - Sonic - Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE
12 3/4	36	300	13 3/4
8 5/8	24# & 32#	2748	12 1/4
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
_____	_____	_____	_____
31. PERFORATION RECORD (Interval, size and number) 4 shots per foot 2,142-44		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2,142-44		1,000 gal MCA	
2,142-44		Fraced w/10,000# sand &	
_____		10,000 gal gelled salt-water	
33. PRODUCTION			
DATE FIRST PRODUCTION 1-26-71		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) flow	
DATE OF TEST 1-27-71		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 42/64	PROD'N. FOR TEST PERIOD OIL--BBL. 96.60	GAS--MCF. 144
WATER--BBL. 41.40	GAS-OIL RATIO 1500/1		
FLOW. TUBING PRESS. 40#	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE OIL--BBL. 96.60	GAS--MCF. 144
WATER--BBL. 41.40		OIL GRAVITY-API (CORR.) Appx. 36	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY D. Moore	
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>Jack F. Grimm</i>		TITLE Operator	
DATE 2/16/71			

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
G. LEASE DESIGNATION AND SERIAL NO.

D343765-A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Jack F. Grimm	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 35, Abilene, Texas 79604	8. FARM OR LEASE NAME 28-Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,980' from North & East lines of Sec. 28, T. 14S, R. 30E	9. WELL NO. 1
14. PERMIT NO.	10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 3,909 DF	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA 28, T. 14S, R. 30E
	12. COUNTY OR PARISH Chaves
	13. STATE N. Mex.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>New Well</u>	
(Other) <u>New Completion</u>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.) *

Spud date 11-24-70 ~ Casing tested 1,800' ~ Class H Cement used in following:
Well drilled to T.D. of 11,018', plugged back to 2,175'
300' 12 3/4" csg cemented w/300 sx
2,748' 8 5/8" csg cemented w/150 sx.
Plugs (cement) set @:
10,800-10,900 w/25 sx 4,500-4,600 w/25 sx
8,000-8,100 w/25 sx 2,700-2,800 w/25 sx
6,300'-6,400 w/25 sx 549 - 0 w/250 sx

Well perforated 2,142'-44', acidized w/1,000 gal. mud acid pumped in @ 2,000#.

Fraced through perforations 2,142'-44' w/10,000 gal gelled water and 10,000# sand, treated @ 2,000#, 15 bbls. per min.

Potentialled well 1/27/71 ~ flowing 96.60 bbls oil per day w/41.40 bbls water per day. GOR 1500/1 17/64" choke, 125# tubing pressure. Packer on casing.

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

SIGNED

Jack F. Grimm

TITLE

Operator

DATE 2/16/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.

Ham 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: "Suck's 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	TOP
					MEAS. DEPTH
Queen Sand	2,133	2,146	Sand		
San Andres	2,776	4,140	DST #1 3,278-3,487 - tool open 28 min. very wk blow, died in 28 min. Rec. 210' drlg fld, IFP 117# FFP 184# FSIP 1344, Hydro 1611.		
Penn Formation			DST #2 10,060-10,134, tool open 60 min. gas to surf. in 45 min., TSTM/ Rec. 268# mud, 60' gas cut mud, ISIP 1628# IFP 100 FSIP (60 min) 1628#, Hydro 4677.		
Devonian	10,975	TD in Devonian			

GRIMM OIL COMPANY

P. O. BOX 35 — 309 FIRST NATIONAL BANK BUILDING
ABILENE, TEXAS 79604

JACK F. GRIMM

OFFICE 677-6663
677-9881

February 17, 1971

*West Ranch
Queen*

Mr. A. L. Porter
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Mr. J. D. Ramey
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen,

Enclosed please find the application for Discovery Allowable and New Pool Creation for the Jack F. Grimm #1 Federal-28, Section 28, T. 14S, R. 30E, Chaves County, New Mexico.

The discovery is in the Queen Sand at a depth of 2,142'.

Enclosed also are the following items: State Oil & Gas Commission Forms C-104, C-109, deviation record, Federal Forms 9-330, 9-331, geologic map and lease map of the area of interest, electric log and cross section and copies of letters of notification to all of the surrounding operators.

I have furnished you everything that I have and it is hoped that you will grant me the Discovery Allowable and New Field Creation. This information is confidential and I do not wish to release any more than is necessary at this time.

If I can be of further assistance to you, please let me hear from you by phone or by return mail.

Sincerely yours,

Jack F. Grimm

JFG:jm
encls:

DOCKET MAILED

4-2-76
Docketed

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of a new pool in Chaves County, New Mexico, and the extension of certain existing pools in Lea County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

a) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for Queen production and designated as the Vest Ranch-Queen Pool comprising the following:

✓ TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: NE/4

Further, for the assignment of approximately 10,710 barrels of oil discovery allowable to the discovery well Jack P. Grimm, Federal 28 Well No. 1, located in Unit G of said Section 28.

b) EXTEND the Allison-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
SECTION 3: S/2 SE/4

c) EXTEND the Flying M-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: S/2

d) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 10: SE/4
SECTION 12: NW/4

*Additional:
X 11 : S/2 NW/4
X 20 : NE/4*

NOMENCLATURE ADVERTISEMENT FOR APRIL, 1971
CASE

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of a new pool in Chaves County, New Mexico, and the extension of certain existing pools in Lea County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

a) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for Queen production and designated as the Vest Ranch-Queen Pool comprising the following:

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: NE/4

Further, for the assignment of approximately 10,710 barrels of oil discovery allowable to the discovery well Jack F. Grimm's Federal 28 Well No. 1, located in Unit G of said Section 28.

b) EXTEND the Allison-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
SECTION 3: S/2 SE/4

c) EXTEND the Flying M-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: S/2

d) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

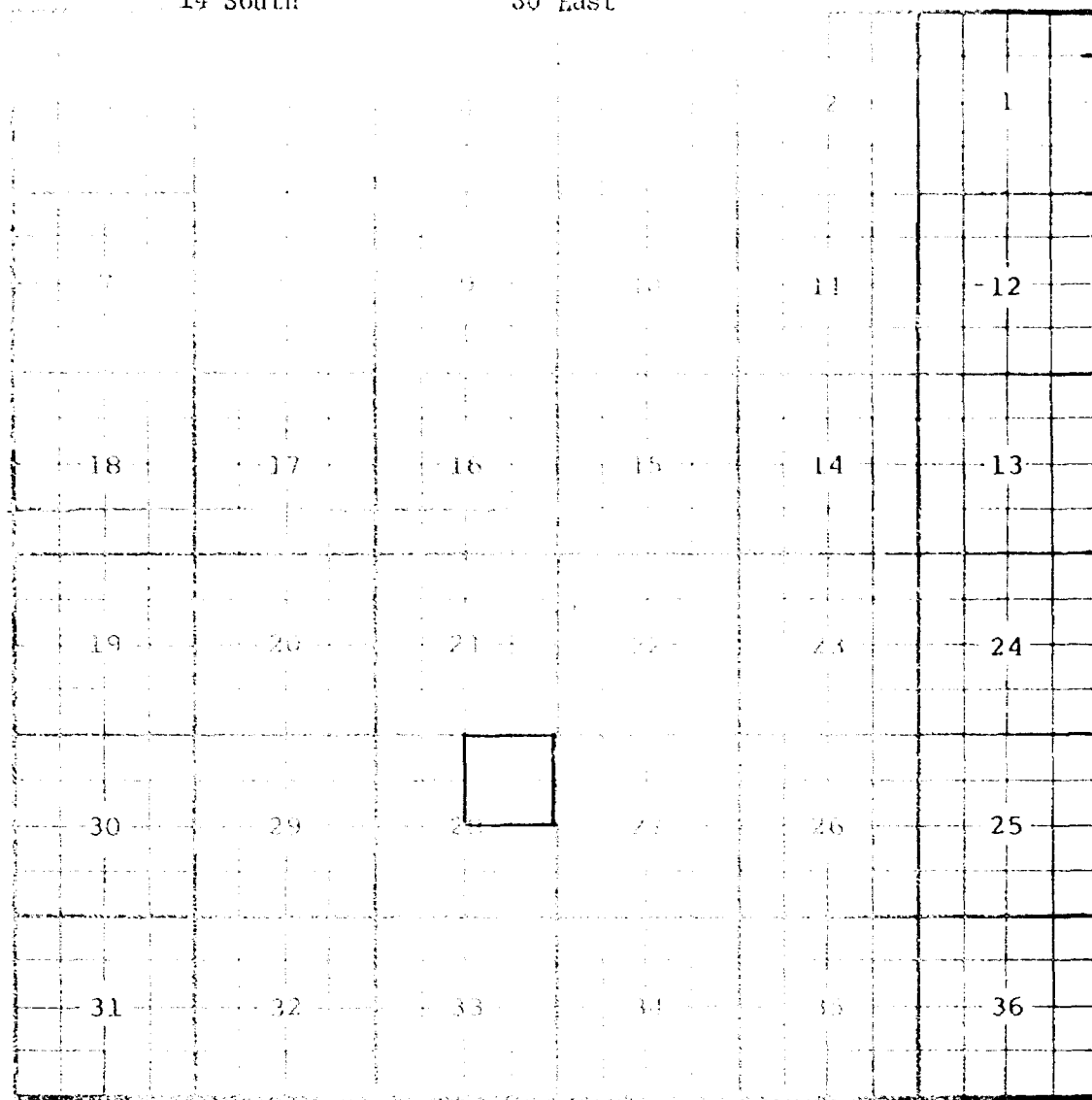
TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 10: SE/4
SECTION 12: NW/4

CHAVES

VEST RANCH-QUEEN

14 South

30 East



PURPOSE: One completed oil well capable of producing.

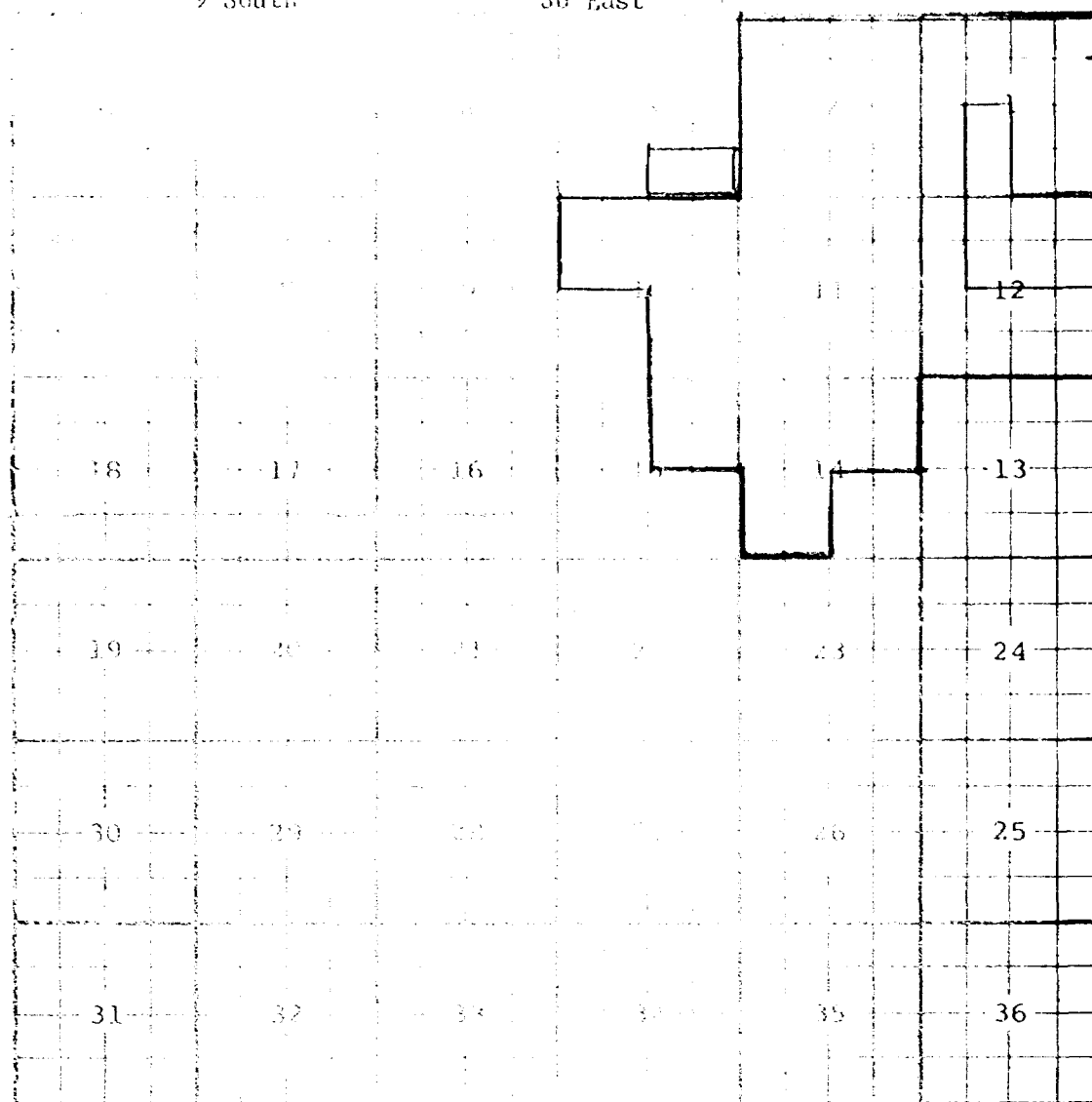
JACK F. GRIMM - Federal 28 #1 in Unit G of Section 28-14-30. Completed in Queen on January 26, 1971. Top of Perforations 2142'.
Proposed pool boundary colored in red. SECTION 28: NE/4

LEA

ALLISON-PENNSYLVANIAN

9 South

36 East



PURPOSE: One completed oil well capable of producing.

BLACKROCK OIL COMPANY - Mobil Atlantic Federal #3 in Unit P. of Section 3-9-36. Completed in Pennsylvanian on February 22, 1971. Top of Perforations 2825'.

Pool boundary colored in red.

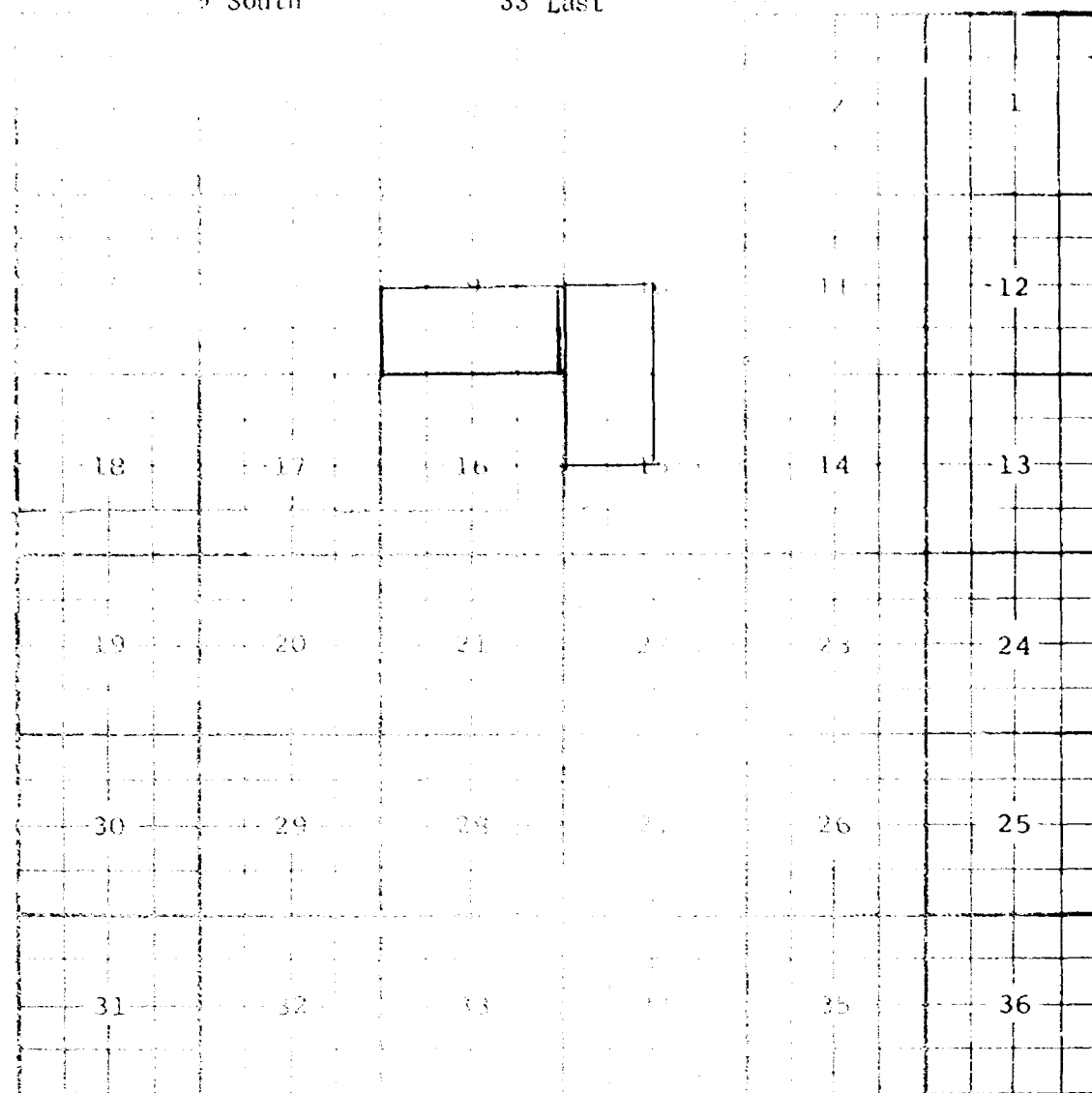
Proposed pool extension colored in green. SECTION 3: S/2 SE/4

LEA

FLYING "M"-PENNSYLVANIAN

9 South

33 East



PURPOSE: One completed oil well capable of producing.

TENNECO OIL COMPANY - Coastal State #1 in Unit N of Section 9-9-33. Completed in Bough "C" on January 27, 1971. Top of Perforations 9349'.

Pool boundary colored in red.

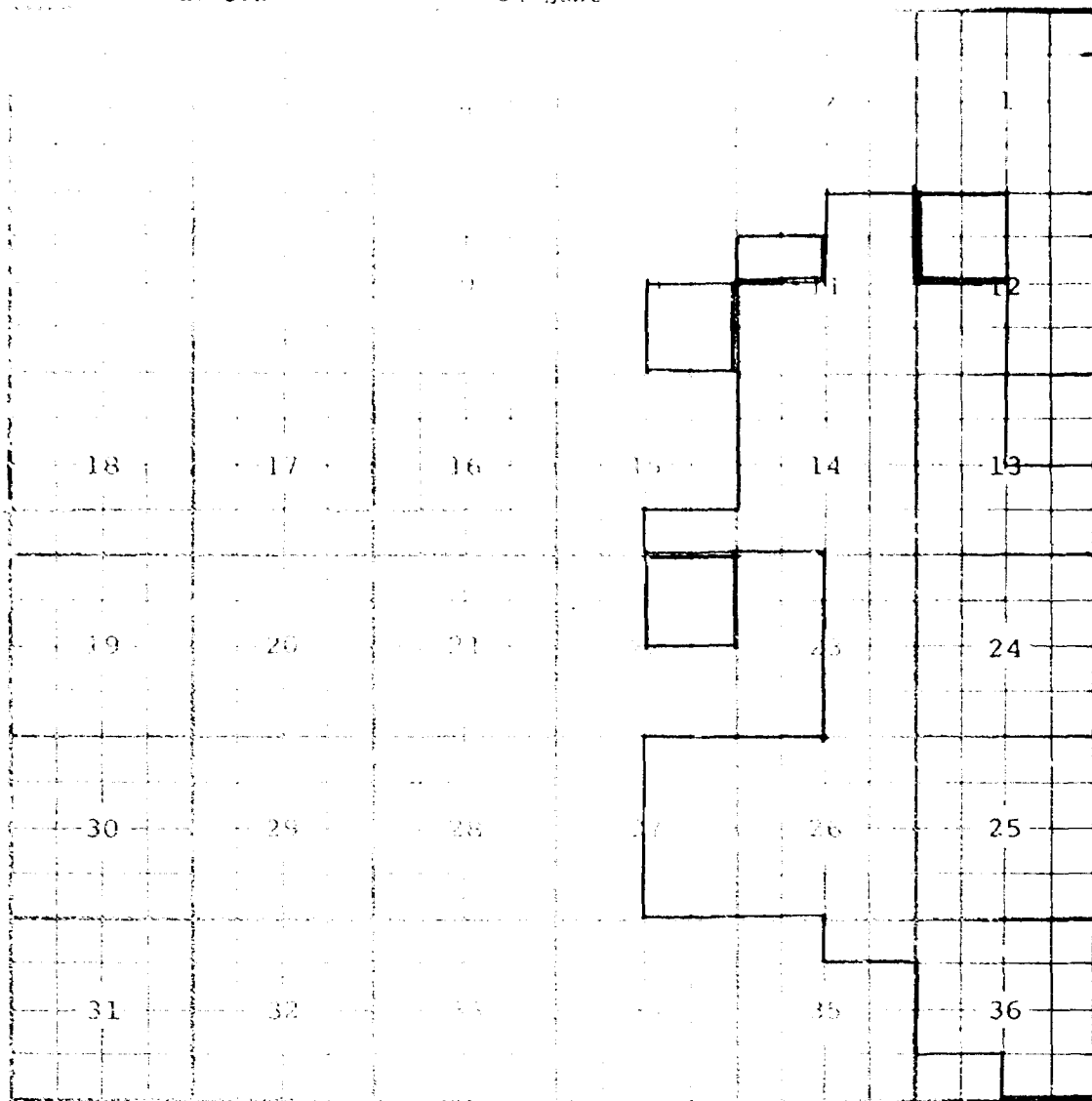
Proposed pool extension colored in green. SECTION 9: S/2

LEA

NORTH VACUUM-ABO

17 South

34 East



PURPOSE: Three completed oil wells capable of producing. (Wells listed on attached sheet.)

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 10: SE/4

SECTION 12: NW/4

ADDITIONS-----SECTION 11: S/2 NW/4

SECTION 22: NE/4

COUNTY	LEA	POOL	NORTH VACUUM-AED	
TOWNSHIP	17 South	RANGE	34 East	NMPM

SHELL OIL COMPANY - State "VII" #1 in Unit P of Section 10-17-34. Completed in Abo on February 17, 1971. Top of Perforations 8659'.

AMINI OIL CORPORATION - Marathon State #1 in Unit D of Section 12-17-34. Completed in Abo on February 10, 1971. Top of Perforations 8559'.

AMINI OIL CORPORATION - Marathon State #2 in Unit F of Section 12-17-34. Completed in Abo on March 31, 1971. Top of Perforations 8545'.

ADDITION--GULF OIL CORPORATION - Lea "FE" State #5 in Unit F of Section 11-17-34. Completed in Abo on February 16, 1971. Top of Perforations 8595'.

ADDITION--MOBIL OIL CORPORATION - State J #5 in Unit B of Section 22-17-34. Completed in Abo on March 7, 1971. Top of Perforations 8739'.

CASE 4352 (Reopened):

(Continued from Page 1)

an opportunity to appear and present evidence as to whether the Double L-Queen and Suble-Queen Pools, Chaves County, New Mexico, are in fact separate reservoirs or one common reservoir. Further, in the event it is found that the two pools comprise one common reservoir, the Commission will consider the adoption of special rules and regulations to provide for the classification of oil and gas wells, spacing and well location requirements for oil and gas wells, and an allocation formula for withdrawals from the gas wells and oil wells.

CASE 4520: Application of Shenandoah Oil Corporation for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Artesia Pool by the injection of water into the Grayburg formation through nine wells located in Sections 25 and 36 of Township 17 South, Range 28 East and Sections 30 and 31 of Township 17 South, Range 29 East, Eddy County, New Mexico. Applicant further seeks a procedure whereby additional injection wells may be approved administratively.

CASE 4521: Application of Shenandoah Oil Corporation for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Grayburg-Jackson Pool by the injection of water into the Grayburg and San Andres formations through three wells located in Sections 15 and 22 of Township 17 South, Range 30 East, Eddy County, New Mexico. Applicant further seeks a procedure whereby additional injection wells may be approved administratively.

CASE 4522: Southeastern New Mexico nomenclature case calling for the creation of a new pool, the assignment of oil discovery allowable, and the extension of certain pools in Lea and Chaves Counties, New Mexico:

(a) Create a new pool in Chaves County, New Mexico, classified as an oil pool for Queen production and

CASE 4522:

(Continued from Page 2)

and designated as the Vest Ranch-Queen Pool comprising the following:

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM
Section 28: NE/4

Further, for the assignment of approximately 10,710 barrels of oil discovery allowable to the discovery well, the Jack F. Grimm Federal 28 Well No. 1, located in Unit G of said Section 28.

(b) Extend the Allison-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 3: S/2 SE/4

(c) Extend the Flying M-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 9: S/2

(d) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 10: SE/4
Section 12: NW/4

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. 4522
ORDER NO. R-4132

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING CERTAIN
POOLS IN CHAVES AND LEA COUNTIES, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on April 14, 1971, at Hobbs, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 19th day of April, 1971, 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 there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of Vest Ranch-Queen Pool. Further, that the discovery well for said pool, the Jack F. Grimm Federal 28 Well No. 1, located in Unit G of Section 28, Township 14 South, Range 30 East, SMPM, is entitled to and should receive a bonus discovery allowable in the amount of 10,710 barrels to be assigned over a two-year period. Said discovery well was completed in the Queen formation on January 26, 1971. The top of the perforations is at 2142 feet.

(3) That there is need for certain extensions to the Allison-Pennsylvanian Pool, the Flying "M"-Pennsylvanian Pool, and the North Vacuum-Abo Pool, all in Lea County, New Mexico.

-2-

CASE NO. 4522

Order No. R-4132

IT IS THEREFORE ORDERED:

(a) That a new pool in Chaves County, New Mexico, classified as an oil pool for Queen production, is hereby created and designated as the Vest Ranch-Queen Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 30 EAST, NMPM
Section 28: NE/4

That the discovery well for said pool, the Jack F. Grimm Federal 28 Well No. 1, located in Unit G of Section 28, Township 14 South, Range 30 East, NMPM, is hereby authorized an oil discovery allowable of 10,710 barrels to be assigned to said well at the rate of 15 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(b) That the Allison-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 3: S/2 SE/4

(c) That the Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 9: S/2

(d) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 10: SE/4
Section 11: S/2 NW/4
Section 12: NW/4
Section 22: NE/4

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue

-3-

CASE NO. 4522

Order No. R-4132

of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations and extensions included herein shall be May 1, 1971.

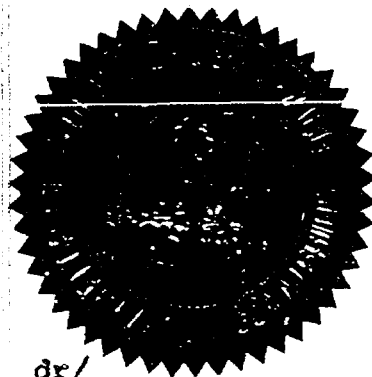
DONE at Hobbs, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Bruce King
BRUCE KING, Chairman

Alex J. Armijo
ALEX J. ARMILLO, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary



dr/

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-4491 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Hobbs, New Mexico

April 14, 1971

EXAMINER HEARING

IN THE MATTER OF:

Southeastern New Mexico nomen-
clature case calling for the
creation of a new pool, the
assignment of oil discovery
allowable, and the extension of
certain pools in Lea and Chaves
Counties, New Mexico.

Case No. 4522

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

dearnley-meier

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
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 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

1 MR. NUTTER: Call next, Case 4522.

2 MR. HATCH: Case 4522. Southeastern New Mexico
 3 nomenclature case calling for the creation of a new pool,
 4 the assignment of oil discovery allowable, and the extension
 5 of certain pools in Lea and Chaves Counties, New Mexico.

6 (Witness sworn.)

7 JOHN W. RUNYAN

8 called as a witness, having been first duly sworn, was
 9 examined and testified as follows:

10 DIRECT EXAMINATION

11 BY MR. HATCH:

12 Q State your name and position for the record.

13 A John W. Runyan, geologist in New Mexico Oil Conservation
 14 Commission, District 1.

15 Q Are you prepared to make recommendations to the
 16 Commission concerning the creation and extension of
 17 certain pools in Lea and Chaves Counties, New Mexico?

18 A I am.

19 Q And the assignment of the discovery allowable to the
 20 discovery well?

21 A Yes.

22 Q All right. Are your recommendations prepared in the
 23 form of an exhibit?

24 A Yes. Exhibits A through B.

25 Q All right. That would be Exhibit 1, paragraphs A through

dearnley-meier

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 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

- 1 D?
- 2 A Correct.
- 3 Q All right. Would you refer to paragraph A of Exhibit 1
- 4 and make your recommendation to the Examiner concerning
- 5 the creation of a new pool and the assignment of the
- 6 discovery allowable.
- 7 A I recommend a new pool be created in Chaves County
- 8 classified as an oil pool for Queen production and
- 9 designated as the Vest Ranch-Queen Pool comprising
- 10 Township 14 South, Range 30 East, Section 28,
- 11 Northeast Quarter, and for the assignment of approximately
- 12 ten thousand seven hundred ten barrels of oil discovery
- 13 allowable to the discovery well. The Jack F. Grimm
- 14 Federal 28 Well Number 1, located in Unit G of Section 28.
- 15 Q All right. Would you now refer to paragraph B through D
- 16 and point out any corrections or additions that need to
- 17 be made?
- 18 A I recommend that paragraph B, C, be extended as
- 19 advertised and that paragraph D be extended as advertised
- 20 with the additional unitized acreage consisting of
- 21 Section 11, the south half of the Northwest Quarter,
- 22 Section 22, Northeast Quarter of Township 17 South,
- 23 Range 34 East.
- 24 Q All right. And do you recommend, then, to the Examiner,
- 25 that the pools in paragraph B through D be extended as

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 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87106

1 shown on the dockets as you have corrected here?

2 A Yes.

3 Q Was Exhibit 1 prepared by you or someone on the
 4 Commission staff?

5 A On the Commission staff.

6 Q All right.

7 MR. HATCH: I would like to move the introduction
 8 of Exhibit 1.

9 MR. NUTTER: Exhibit 1 in Case Number 4522 will be
 10 admitted in evidence.

11 (Whereupon, Applicant's Exhibit
 12 Number 1 was duly admitted into
 evidence.)

13 MR. HATCH: That's all the questions I have.

14 MR. NUTTER: Does anyone have any questions of
 15 Mr. Runyan?

16 CROSS EXAMINATION

17 BY MR. NUTTER:

18 Q Do you know whether this Jack Grimm well is still
 19 capable of making top allowable, much less discovery
 20 allowable?

21 A At this time, no, sir.

22 Q It is not?

23 A I do not know.

24 Q Oh, you don't know?

25 MR. RAMEY: I would like to interject a word.

dearnley-meier

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1 MR. NUTTER: Mr. Ramey?

2 MR. RAMEY: We cut their allowable for form C1-15,
3 and they assured me the well was capable of producing top
4 allowable plus any bonus we would assign.

5 MR. NUTTER: All right. Thank you, Mr. Ramey.
6 Mr. Runyan, you may be excused.

7 (Witness excused.)

8 MR. NUTTER: Does anyone have anything further
9 they wish to offer in Case Number 4522? We'll take the
10 case under advisement, and the hearing is adjourned.

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I N D E X

WITNESS:

Page

JOHN W. RUNYAN

Direct Examination by Mr. Hatch

2

Cross Examination by Mr. Nutter

4

EXHIBIT

MARKED

OFFERED AND
ADMITTED

Applicant's Exhibit Number 1

4

dearnley-meier

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 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

1 STATE OF NEW MEXICO)
) SS
 2 COUNTY OF BERNALILLO)

3 I, LINDA MALONE, Court Reporter in and for the County
 4 of Bernalillo, State of New Mexico, do hereby certify that
 5 the foregoing and attached Transcript of Hearing before
 6 the New Mexico Oil Conservation Commission was reported by
 7 me and that the same is a true and correct record of the said
 8 proceedings, to the best of my knowledge, skill and ability.

9
 10 Linda Malone
 11 Court Reporter

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 21
 22 I do hereby certify that the foregoing is
 23 a complete record of the proceedings in
 24 the Bernalillo County, New Mexico, No. 4522
 25 heard at the 8/14/74 10:24
[Signature] Secretary
 New Mexico Oil Conservation Commission