



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

November 24, 1998

Doyle Hartman, Oil Operator
3811 Turtle Creek Blvd. - Suite 200
Dallas, Texas 75219

Attention: Doyle Hartman

Re: Administrative application to establish a 155.78-acre non-standard Jalmat gas spacing and proration unit comprising Lots 3 and 4, the SE/4 SW/4, and the SW/4 SE/4 of Section 30, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico.

Dear Mr. Hartman:

In reviewing the subject application, I was unable to find orders approving two of the Jalmat gas proration units shown on your ownership plat, referenced as "green" and "blue" (see copy attached). My records indicate that the S/2 of Section 30 currently have the following acreage dedications for the Jalmat Gas Pool:


- (1) the Doyle Hartman R. W. Cowden Well No. 1 (API No. 30-025-10884), located 1650 feet from the South and East lines (Unit J) of Section 30 (which I understand may now be temporally abandoned or shut-in) is dedicated to the 120 acres comprising the NE/4 SW/4 and the N/2 SE/4 of Section 30, approved by Division Order No. R-440, issued in Case No. 640 and dated April 16, 1954 (see copy attached);
- (2) the Roca Petroleum, Inc. R. W. Cowden "A" WN Well No. 1 (API No. 30-025-10899), located 330 feet from the South and East lines (Unit P) of Section 30 is dedicated to the 120 acres comprising the SE/4 SW/4 and the S/2 SE/4 of Section 30, approved by Division Administrative Order NSP-54, dated January 5, 1954 (see copy attached); and
- (3) the Doyle Hartman R. W. Cowden "B" Well No. 1 (API No. 30-025-10885), located 2110 feet from the South line and 990 feet from the West line (Lot 3/Unit L) of Section 30 is dedicated to the 75.78 acres comprising Lots 3 and 4 (the W/2 SW/4 equivalent) of Section 30, approved by Division Order No. R-441, issued in Case No. 641 and dated April 16, 1954 (see copy attached).

Please either provide me with copies of these two orders or reference their order numbers. Should these two units failed to have been established through the Division's approval process, it will be necessary to rededicate this acreage in order to avoid the overlapping of spacing units.

Doyle Hartman, Oil Operator
November 24, 1998
Page 2

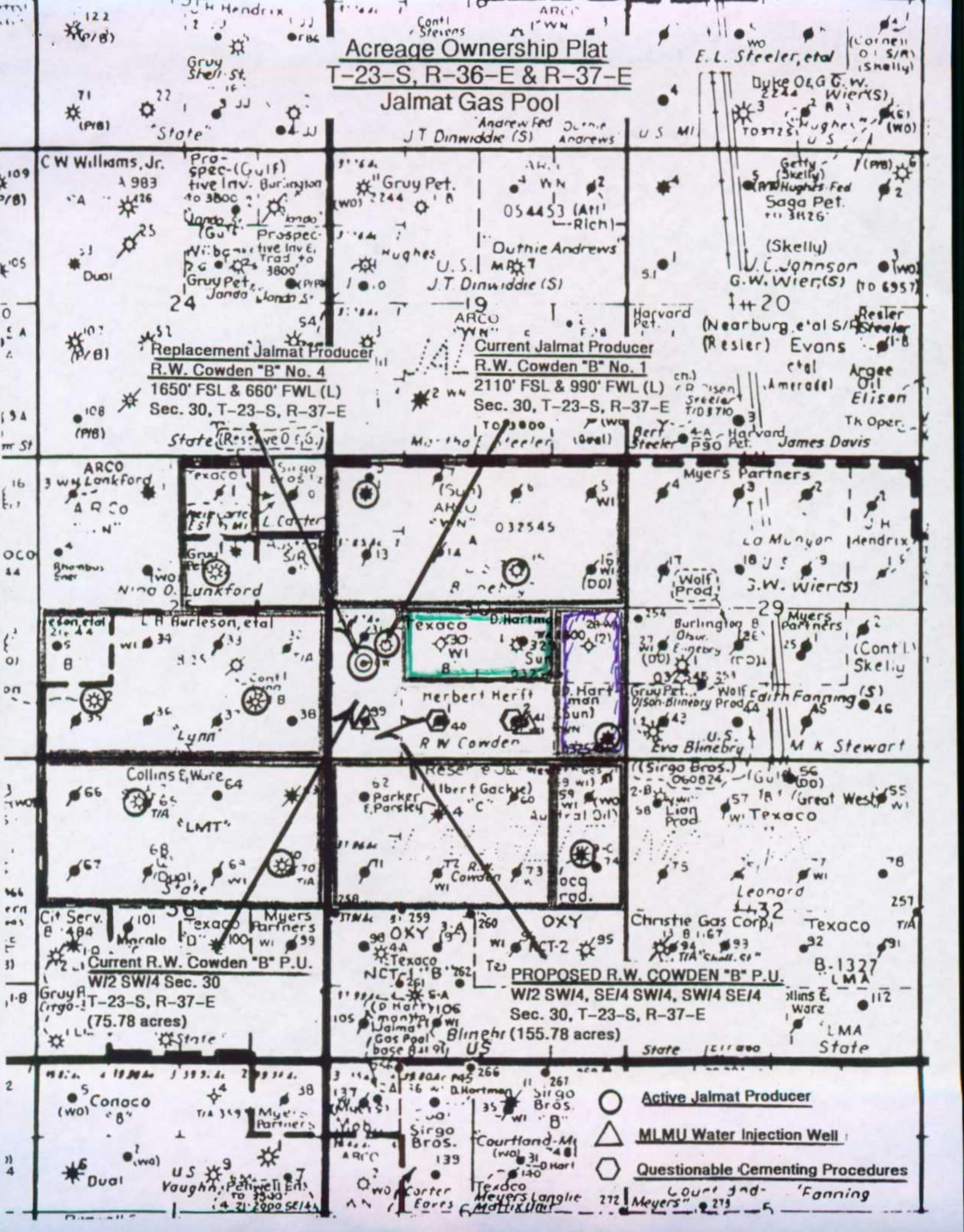
Should you have any questions, please contact me in Santa Fe at (505) 827-8185. Thank
you.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner", with a long horizontal line extending to the right.

Michael E. Stogner
Chief Hearing Officer/Engineer

Acreage Ownership Plat **T-23-S, R-36-E & R-37-E** **Jalmat Gas Pool**



- Active Jalmat Producer**
- MLMU Water Injection Well**
- Questionable Cementing Procedures**

List of Offset Jalmat Tracts
To The Proposed
Doyle Hartman
R.W. Cowden "B" Proration Unit
W/2 SW/4, SE/4 SW/4, SW/4 SE/4
Section 30, T-23-S, R-37-E
(155.78 acres)

Offset Jalmat Tracts				Active Jalmat Dedications		
Tract No.	Color Code	Operator	Acreage Description	Acres (AFL)	Well(s)	Location
1	Orange	Gruy Petroleum Management, Inc.	NW/4 NE/4, S/2 NE/4 Sec. 25, T-23-S, R-36-E	120 (0.75)	Lankford No. 2	G-25-23S-36E
2	Pink	Arco Permian	N/2 Section 30 T-23-S, R-37-E	320 (2.0)	Eva E. Blinebry WN No. 2 Eva E. Blinebry WN No. 7	D-30-23S-37E G-30-23S-37E
3	Green	Doyle Hartman	NE/4 SW/4, NW/4 SE/4 Sec. 30, T-23-S, R-37-E	80 (0.5)		
4	Blue	Roca Petroleum, Inc.	E/2 SE/4 Section 30 T-23-S, R-37-E	80 (0.5)	R.W. Cowden "A" WN No. 1	P-30-23S-37E
5	Orange	Roca Petroleum, Inc.	E/2 NE/4 Section 31 T-23-S, R-37-E	80 (0.5)	R.W. Cowden "C" No. 9	H-31-23S-37E
6	Pink	Doyle Hartman	W/2 NE/4, NW/4 Sec. 31, T-23-S, R-37-E	240 (1.5)		
7	Green	Collins & Ware	N/2 Section 36 T-23-S, R-36-E	320 (2.0)	State "LMT" No. 9 State "LMT" No. 10	C-36-23S-36E H-36-23S-36E
8	Blue	Lewis B. Burleson, Inc.	S/2 Section 25 T-23-S, R-36-E	320 (2.0)	Lynn "B-25" No. 2 Lynn "B-25" No. 3	M-25-23S-36E P-25-23S-36E

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 5, 1954

**Western Natural Gas Company
National Standard Building
Houston 2, Texas**

Attention: Mr. Paul C. Wright

Administrative Order NSP-54

Gentlemen:

Reference is made to your application for approval of a 120-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the following acreage:

**Twp. 23 South, Rge. 37 East, NMPM
SE/4 SW/4 and E/2 SE/4 of Section 30**

It is understood that this unit is to be ascribed to your Cowden Well No. 1, located 330' from the South and East lines of Section 30, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico.

By authority granted me under provisions of Rule 5, Section (b)-6 of the Special Rules and Regulations for the Jalmat Gas Pool, as set forth in Order R-520, you are hereby authorized to operate the above described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with pool rules, based upon the unit size of 120 acres.

Very truly yours,

**W. B. Macey
Secretary - Director**

WBM:jh

cc: Oil Conservation Commission, Hobbs

N. M. Oil & Gas Engineering Committee, Hobbs

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 641
Order No. R-441

THE APPLICATION OF ALBERT GACKLE
FOR AN ORDER GRANTING APPROVAL OF
AN EXCEPTION PURSUANT TO RULE 7 (a)
OF ORDER NO. R-369-A IN ESTABLISHMENT
OF AN UNORTHODOX GAS PRORATION UNIT
OF 80 CONTIGUOUS ACRES CONSISTING OF
W/2 SW/4 OF SECTION 30, TOWNSHIP 23
SOUTH, RANGE 37 EAST, NMPM, LEA COUNTY,
NEW MEXICO, IN THE LANGMAT GAS POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on January 20, 1954 and on February 17, 1954, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 16th day of April, 1954, the Commission, a quorum being present, having considered the records and testimony adduced, and being fully advised in the premises;

FINDS:

(1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

(2) That pursuant to provisions of Rule 7 (a) of Order No. R-369-A, the Commission has power and authority to permit the formation of a gas proration unit consisting of other than a legal quarter section after notice and hearing by the Commission.

(3) That applicant, Albert Gackle, is the owner of an oil and gas lease in Lea County, New Mexico, the land consisting of other than a legal quarter section, and described as follows, to-wit:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
W/2 of SW/4 of Section 30

containing 80 acres, more or less.

(4) That applicant, Albert Gackle has a producing well on the aforesaid lease known as R. W. Cowden "B", No. 1, located 2110' from the south line and 990' from the West line of Section 30, Township 23 South, Range 37 East.

(5) That the aforesaid well was completed and in production prior to January 1, 1954, the effective date of Order No. R-369-A, and is located within the limits of the pool heretofore delineated and designated as the Langmat Gas Pool.

(6) That it is impractical to pool applicant's said lease with adjoining acreage in the SW/4 of Section 30, Township 23 South, Range 37 East, and that the owners of adjoining acreage in said quarter section have not objected to the formation of the proposed proration unit of 80 acres, but have expressly consented thereto.

(7) That unless a proration unit consisting of applicant's aforesaid acreage is permitted, applicant will be deprived of the opportunity to recover his just and equitable share of the natural gas in the Langmat Gas Pool.

(8) That creation of a proration unit consisting of the aforesaid acreage will not cause but will prevent waste, will protect correlative rights, and is necessary to prevent confiscation of applicant's property.

IT IS THEREFORE ORDERED:

(1) That the application of Albert Gackle for approval of an unorthodox proration unit consisting of the following described acreage

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
W/2 SW/4 of Section 30

be and the same is hereby approved, and a proration unit consisting of aforesaid acreage is hereby created.

(2) That applicant's well, R. W. Cowden "B", No. 1, located in the NW/4 SW/4 of Section 30, Township 23 South, Range 37 East, NMPM, shall be granted an allowable from January 1, 1954, in the proportion that the above described 80 acre unit bears to the standard or orthodox proration unit for said pool, all until further order of the Commission.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary and Member

S E A L

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF CON-
SIDERING:

CASE NO. 640
Order No. R-440

THE APPLICATION OF ALBERT GACKLE
FOR AN ORDER GRANTING APPROVAL OF
AN EXCEPTION PURSUANT TO RULE 7 (a)
OF ORDER NO. R-369-A IN ESTABLISHMENT
OF AN UNORTHODOX GAS PRORATION UNIT
OF 120 CONTIGUOUS ACRES CONSISTING OF
NE/4 SW/4 AND N/2 SE/4 OF SECTION 30,
TOWNSHIP 23 SOUTH, RANGE 37 EAST,
NMPM., LEA COUNTY, NEW MEXICO IN
THE LANGMAT GAS POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m., on January 20, 1954, and on February 17, 1954, at Santa Fe, New Mexico before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 16th day of April, 1954, the Commission, a quorum being present, having considered the records and testimony adduced, and being fully advised in the premises:

FINDS:

- (1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That pursuant to provisions of Rule 7 (a) of Order No. R-369-A, the Commission has power and authority to permit the formation of a gas proration unit consisting of other than a legal quarter section after notice and hearing by the Commission.
- (3) That Albert Gackle, is the owner of an oil and gas lease in Lea County, New Mexico the land consisting of other than a legal quarter section, and described as follows, to wit:

TOWNSHIP 23 South, RANGE 37 East, NMPM.
NE/4 SW/4 and N/2 SE/4 of Section 30

containing 120 acres, more or less.

Order No. R-440

(4) That applicant, Albert Gackle, has a producing well on the aforesaid lease known as R. W. Cowden No. 1, located 1980' from the south and east lines of Section 30 Township 23 South, Range 37 East.

(5) That the aforesaid well was completed and in production prior to January 1, 1954, the effective date of Order No. R-369-A, and is located within the limits of the pool heretofore delineated and designated as the Langmat Gas Pool.

(6) That it is impractical to pool applicant's said lease with adjoining acreage in the S/2 of Section 30, Township 23 South, Range 37 East, NMPM., and that the owners of adjoining acreage in said half section have not objected to the formation of the proposed proration unit of 120 acres, but have expressly consented thereto.

(7) That unless a proration unit consisting of applicant's aforesaid acreage is permitted, applicant will be deprived of the opportunity to recover his just and equitable share of the natural gas in the Langmat Gas Pool.

(8) That creation of a proration unit consisting of the aforesaid acreage will not cause but will prevent waste, will protect correlative rights, and is necessary to prevent confiscation of applicant's property.

IT IS THEREFORE ORDERED:

(1) That the application of Albert Gackle for approval of an unorthodox proration unit consisting of the following described acreage

TOWNSHIP 23 South, RANGE 37 East, NMPM.
NE/4 SW/4 and N/2 SE/4 of Section 30

be and the same is hereby approved, and a proration unit consisting of aforesaid acreage is hereby created.

(2) That applicant's well, R. W. Cowden, No. 1, located in the NW/4 SE/4 of Section 30, Township 23 South, Range 37 East, NMPM., shall be granted an allowable from January 1, 1954 in the proportion that the above described 120 acre unit bears to the standard or orthodox proration unit for said pool, all until further order of the Commission.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary and Member

(SEAL)

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/14/99 11:58:53
OGOMES -TPJZ
PAGE NO: 1

Sec : 30 Twp : 23S Rng : 37E Section Type : NORMAL

1 37.81 Federal owned U A A	C 40.00 Federal owned U A	B 40.00 Federal owned U A	A 40.00 Federal owned U A
2 37.85 Federal owned U A	F 40.00 Federal owned U A	G 40.00 Federal owned U A A	H 40.00 Federal owned U A

M0002: This is the first page

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/14/99 10:53:26
OGOMES -TPJ2
PAGE NO: 2

Sec : 30 Twp : 23S Rng : 37E Section Type : NORMAL

3 37.87 Fee owned U A A A	K 40.00 Fee owned U A	J 40.00 Fee owned U A A	I 40.00 Fee owned U A
4 37.91 <u>75.78</u> Fee owned U A	N 40.00 Fee owned U A A	O 40.00 Fee owned U A	P 40.00 Fee owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

75.78
80
155.78

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-10885
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name R.W. Cowden "B"
Well No. 1
Pool name or Wildcat Jalmat (Tansill-Yates-Seven Rivers) Gas

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" (FORM C-101) FOR SUCH PROPOSALS.)

Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
Name of Operator Doyle Hartman
Address of Operator 500 N. Main Street, Midland, Texas 79701
Well Location Unit Letter <u>L</u> : <u>2110</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>30</u> Township <u>23-S</u> Range <u>37-E</u> NMPM <u>Lea</u> County
Elevation (Show whether DF, RKB, RT, GR, etc.) 3355' G.L.

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pulled 2-7/8" tubing. Ran Halliburton 5-1/2" EZ-Drill cement retainer. Set retainer at 2915'. Pressure tested 5-1/2" casing to 800 psi. Pressure held okay. Squeezed OH from 3024' - 3205' with 150 sx of HLC cement containing 2% CaCl2 followed by 50 sx of API Class-C cement containing 2% CaCl2. FSIP = 1300 psi. Pulled out of retainer. Dumped 3 sx of cement on top of retainer.

Pulled tubing. Perforated 4 squeeze holes at 1210'. Ran into hole with tubing. Displaced hole from 2900' to 1600' with 33 bbls of mud. Pulled tubing to 1600'. Spotted 9.5 bbl cement plug from 1600' to 1200'. Pulled tubing to 1150' and cleared squeeze perms with 30 bbls of water. Pulled and laid down tubing. Cemented down 5-1/2" casing with 400 sx of HLC cement containing 2% CaCl2 followed by 50 sx of API Class-C cement containing 2% CaCl2. Circulated cement to surface out 8-5/8" x 5-1/2" annulus and also on outside of 8-5/8" surface casing. Work completed 11-3-98.

Well now plugged and abandoned.

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

SIGNATURE Doyle Hartman TITLE Owner-Operator DATE 11-03-98

TYPE OR PRINT NAME Doyle Hartman

TELEPHONE NO. 915/684-4011

(This space for State Use)

APPROVED BY Terry R. Hill TITLE State Engineer DATE FEB 28 1999

CONDITIONS OF APPROVAL, IF ANY



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

January 25, 1999

Doyle Hartman
500 N. Main St.
Midland, TX 79701

Gentlemen:

Form C-103, Report of Plugging, for your R.W. Cowden "B" #1-L (30-23-37) cannot be approved until a Division representative has made an inspection of the location and found it to be cleared to comply with Division Rules and Regulations. Please check each item in the space provided to indicate that the work has been done.

- (X) 1. All pits have been filled and leveled
- (X) 2. Rat hole and cellar have been filled and leveled.
- (X) 3. A steel marker 4" in diameter and approximately 4' above ground level has been set in concrete. It must show the OPERATOR, LEASE NAME, WELL NUMBER, quarter/QUARTER SECTION OR UNIT LETTER DESIGNATION, SECTION, TOWNSHIP, AND RANGE which have been permanently stenciled or welded on the marker.
- (X) 4. The location has been leveled as nearly as possible to original top ground contour and has been cleared of all junk and equipment.
- (X) 5. The dead men and tie downs have been cut and removed.
- (X) 6. If a one-well lease or last remaining well on lease, the battery and burn pit locations have been leveled and cleared of all junk and equipment.

The above are minimum requirements and no plugging bond will be released until all locations for plugged and abandoned wells have been inspected and Form C-103 approved. When all of the work outlined above has been done, please notify this office by filling in the blank form below and returning this letter to us so that our representative will not have to make more than one trip to the location.

Very truly yours,

OIL CONSERVATION DIVISION

Chris Williams; Supervisor, District I



FEB 01 1999

FILL IN BELOW AND RETURN TO: Oil Conservation Division, POBox 1980
Hobbs NM 88241

I certify that the above work has been done and the well referenced above is ready for your inspection and approval.

Doyle Hartman
OPERATOR

Don L Marshall Engineer 2-1-99
NAME & TITLE DATE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-10885
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name Cowden B
Well No. 1
Pool name or Wildcat Jalmit (Tansill-Yates-Seven Rivers) Gas

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" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
Name of Operator Doyle Hartman	
Address of Operator 500 N. Main St., Midland, TX 79701	
Well Location Unit Letter L : 2110 Feet From The South Line and 990 Feet From The West Line Section 30 Township 23S Range 37E NMPM Lea County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3355' GR	

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ANBANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to do the following work:

1. Set CIBP @ 2970'.
2. Pressure test 5.5" production casing to 500 psi.
3. Spot 50' cement plug on top of CIBP.
4. Spot 300' cement plug (31 sx) from 1320' to 1620'.
5. Perforate 5.5" casing @ 1185' w/ 4 holes.
6. Squeeze 400 sx thru perms @ 1185'.
7. Spot 50' cement plug @ surface.
8. Set dry-hole marker and clean location.

THE COMMISSION MUST BE NOTIFIED 24
HOURS PRIOR TO THE BEGINNING OF
PLUGGING OPERATIONS FOR THE C-103
TO BE APPROVED.

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

SIGNATURE Steve Hartman TITLE Engineer DATE 10-08-98

TYPE OR PRINT NAME Steve Hartman

TELEPHONE NO. (915) 684-4011

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE OCT 14 1998

CONDITIONS OF APPROVAL, IF ANY:

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

60101

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Doyle Hartman	Well API No. 3D-025 10885
Address P. O. Box 10426 Midland, Texas 79702	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/> Change in Transporter effective
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> November 1, 1991
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name R. W. Cowden B	Well No. 1	Pool Name, Including Formation Jalmat (T-Y-7R)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter L : 2110 Feet From The South Line and 990 Feet From The West Line Section 30 Township 23S Range 37E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Sid Richardson Carbon & Gasoline Company	201 Main Street, Fort Worth, Texas 76102	
If well produces oil or liquids, give location of tanks.	Unit	Sec. Twp. Rge. Is gas actually connected? When?

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

IV. COMPLETION DATA

SID RICHARDSON GASOLINE CO. - EM 3/1/93

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - 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. 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
Patrick K. Worrell
Engineer
Printed Name
11/21/91
Date
915-684-4011
Telephone No.

OIL CONSERVATION DIVISION

NOV 27 1991

Date Approved

By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

Title
FOR RECORD ONLY MAY 11 1993

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.

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Enr Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Doyle Hartman	Well API No.
Address P. O. Box 10426 Midland, Texas 79702	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/> Change in Transporter effective
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> November 1, 1991
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name R. W. Cowden B	Well No. 1	Pool Name, Including Formation Jalmat (T-Y-7R)	Kind of Lease State, Federal or Fee	Lease No.
Location Unit Letter L : 2110 Feet From The South Line and 990 Feet From The West Line Section 30 Township 23S Range 37E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Sid Richardson Carbon & Gasoline Company	201 Main Street, Fort Worth, Texas 76102	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected?	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	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- 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. 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.

Patrick K. Worrell

Signature
Patrick K. Worrell
Printed Name
11/21/91
Date

Engineer

Title

915-684-4011

Telephone No.

OIL CONSERVATION DIVISION

Date Approved NOV 27 1991

By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

Title

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

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Geology, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Doyle Hartman		Well API No.
Address P. O. Box 10426, Midland, Texas 79702		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	Change in Ownership effective 6-1-90
If change of operator give name and address of previous operator Parker and Parsley, P. O. Box 3178, Midland, Texas 79702 Pet Co		

II. DESCRIPTION OF WELL AND LEASE

Lease Name R. W. Cowden B	Well No. 1	Pool Name, Including Formation Jalmat (T-Y-SR) Pro Gas	Kind of Lease State, Federal <input checked="" type="radio"/> Fee	Lease No.
Location Unit Letter L : 2110 Feet From The South Line and 990 Feet From The West Line Section 30 Township 23S Range 37E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	P.O. Box 1384, Jal, New Mexico 88252					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When?
					Yes	May, 1947

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	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- 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. 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 
Michael Stewart Engineer
Printed Name Title
7-13-90 915/684-4011
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUL 19 1990
By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR
Title

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

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Submit 5 Copies
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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

OIL CONSERVATION DIVISION

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Parker & Parsley Petroleum Company	Well API No.
Address P. O. Box 3178, Midland, Texas 79702	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator HCW Exploration, Inc., P. O. Box 10585, Midland, Texas 79702	

II. DESCRIPTION OF WELL AND LEASE

Lease Name R. W. Cowden B	Well No. 1	Pool Name, Including Formation Jalmar T-Y-S R	Kind of Lease Fee State, Federal or Fee	Lease No.
Location Unit Letter L : 2110 Feet From The South Line and 990 Feet From The West Line Section 30 Township 23S Range 37E, NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> None	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1384, Jal, New Mexico 88252					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected? Yes	When? May, 1947

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	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- 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. 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 Virginia Carter
Virginia Carter Production Analyst
Printed Name
1-18-89 915 683 4768 Title
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved JAN 24 1989
By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR
Title

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.
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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	NATURAL GAS	
OPERATOR		
PRODUCTION OFFICE		

Operator
HCW EXPLORATION, INC
Address
BOX 2038, HOBBS, NEW MEXICO 88240
Reason(s) for filing (Check proper box) Other (Please explain)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner **ALBERT GACKLE, OPERATOR - BOX 2038, HOBBS, N. M. 88240**

DESCRIPTION OF WELL AND LEASE

Lease Name R. W. Cowden B	Well No. 1	Pool Name, Including Formation Jalmat	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter L : 2110 Feet From The South Line and 990 Feet From The West Line of Section 30 Township 23S Range 37E , NMPM, Lea County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
El Paso Natural Gas Co	P. O. Box 1384, Jal, New Mexico 88252	
If well produces oil or liquids, give location of tanks.	Unit	Sec. Twp. Rge.
		Is gas actually connected? Yes When May 1947

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

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	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - 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

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.

James C. Brown
(Signature)
Executive Vice President
(Title)
April 1, 1981
(Date)

OIL CONSERVATION DIVISION
APR 3 1981
APPROVED _____, 19_____
BY **Jerry Sexton**
TITLE **Dist. L. Supt.**

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 multi-completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

1954 SEP 16 AM 10:29

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... **Albert Gackle** Lease..... **R. W. Cowden "B"**

Address..... **419 Ft. Worth National Bank Bldg., Ft. Worth 2, Texas**
(Local or Field Office) (Principal Place of Business)

Unit..... **L**, Well(s) No. **B-1**, Sec. **30**, T. **23S**, R. **37E**, Pool..... **Jalmat**

County..... **Lea** Kind of Lease:..... **Gas-patented**

If Oil well Location of Tanks.....

Authorized Transporter..... **El Paso Natural Gas Company** Address of Transporter

..... **Jal., New Mexico** **El Paso, Texas**
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported..... **100%** Other Transporters authorized to transport Oil or Natural Gas from this unit are.....

REASON FOR FILING: (Please check proper box)

NEW WELL..... ☐ CHANGE IN OWNERSHIP..... ☐

CHANGE IN TRANSPORTER..... ☐ OTHER (Explain under Remarks)..... ☒

REMARKS:

Rule 520, Section (10)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the..... **10th** day of..... **September, 1954** 19.....

Approved..... **SEP 21 1954**, 19.....

OIL CONSERVATION COMMISSION

By..... **S. J. STANLEY**

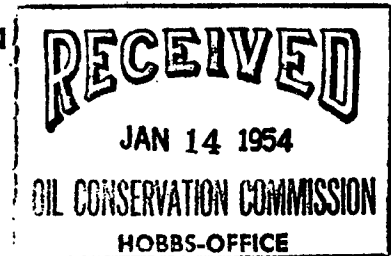
Title..... **ENGINEER-DIST.**

..... **ALBERT GACKLE, OPERATOR**

By..... *Juanita Jackson*

Title..... **Agent**

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO



January 6, 1954

Gackle Oil Company
419 Fort Worth National Bank Building
Fort Worth 2, Texas

Gentlemen: **Subject: Unorthodox Location - Gackle Oil**
Company's R. W. Cowden "B" No.
1, 990' East of the W/L and 2110'
North of the S/L, Section 20, Town-
ship 23 South, Range 27 East.

Reference is made to your letter of December 30, 1953 per-
taining to the approval of an unorthodox location for the above captioned
well.

Pursuant to authority granted me by the provisions of Order
No. R-369-A, Rule 4, permission is hereby granted to produce this
well in compliance with pool rules.

Very truly yours,

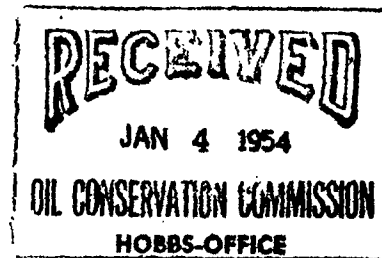
A handwritten signature in cursive script, appearing to read "R. B. Spurrier".

R. B. SPURRIER
Secretary and Director

RRS:vc

cc: **Well File**
Unorthodox File
OCC, Hobbs
Western Natural Gas Co., Midland
Continental Oil Co., Midland
Southern California Petroleum Corp., Midland
George P. Livermore & Herbert Herff, Lubbock, Texas

C
O
P
Y



December 30, 1953

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: Request for exception to Rule 4 of Commission
Order No. R-369-A

Please accept this as a request for an exception to Rule 4 of
Commission's Order No. 369-A, Langmat Gas Pool, Lea County,
New Mexico.

Our R. W. Cowden "B" Well No. 1, located 990' East of the West
line and 2110' North of the South line of Section 30-23S-37E,
was completed as a gas well in April 1947, and has been pro-
ducing gas ever since. Permission to drill at this location was
obtained from the Commission before spudding of the well.

By means of copies of this letter, all operators within a radius
of 1320' of this well are being notified that exception to Rule 4
is being requested.

Yours very truly,

ALBERT GACKLE, OPERATOR

Albert Gackle

AG:jj

cc - Western Natural Gas Co
823 Midland Tower, Midland, Texas

Continental Oil Company
Box 431, Midland, Texas

Southern California Petroleum Corp
Box 1071, Midland, Texas

Oil Conservation Commission
Box 2045, Hobbs, N. M.

George P. Livermore & Herbert Herff
Box 191, Lubbock, Texas

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE December 21, 1953

TO: Albert Gackle

419 Ft. Worth Nat'l Bank Bldg., Ft. Worth 2, Texas

GENTLEMEN:

Form C-104 for your R.W. Cowden "B" 1 30-23-37 Langmat
LEASE WELL S.T.R. POOL

has been approved, however, since this well is:

- ☒ (X) An unorthodox location,
- ☐ () Located on an unorthodox proration unit,
- ☐ () Outside the boundaries of a designated pool,

it will be necessary for you to;

- ☒ (X) Comply with the provisions of Rule 4 of Commission Order R 369 A
- ☐ () Comply with the provisions of Rule 7 of Commission Order _____
- ☐ () File Form C-123

Pending further Commission action this unit will be assigned an 80 acre allowable.

Stanley J. Stanley
A. L. Porter, Jr.
Proration Manager

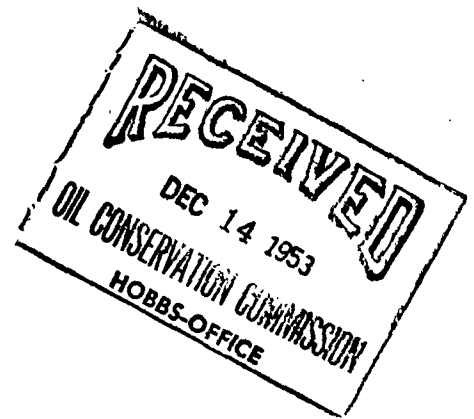
ALP/pb

cc/ Transporter El Paso Natural Gas

Note: 80 acre allowable

Order - R 441

December 9, 1953



Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: Request for hearing for exception to Rule 7(a)
of Commission Order No. R-369-A

Please accept this as a request for a hearing for an exception to Rule 7(a) of the Commission's Order No. 369-A, Langmat Gas Pool, Lea County.

Our R. W. Cowden "B" 80-acre lease is located in the W/2SW/4 of Section 30, Tsp. 23S, Range 37E, and has one producing gas well. This is well No. B-1 and was completed as a gas well in April 1947, and has been producing gas since that date.

You will note from the attached Gas Well Plat that there are five producing gas wells in Section 30, and, therefore, that none of the adjoining acreage is open for unitization.

We will appreciate it very much if you will set this for hearing at your regular December 17, 1953, meeting.

Yours very truly,

ALBERT GACKLE, OPERATOR

AG:jj
incl

DUPLICATE

NEW

MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoRECEIVED
DEC 14 1953New Well
No. ~~1000~~
RegistrationREQUEST FOR ~~1000~~ (GAS) ALLOWABLE

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 is sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Fort Worth 2, Texas 12-9-1953
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Albert Gackle, Operator R.W. Cowden "B", Well No. 2 in NW 1/4 SW 1/4,
(Company or Operator) (Lease)

L, Sec. 30, T. 23S, R. 37E, NMPM, Langlie-Mattix Pool
(Unit)

Lea County. Date Spudded 4-15-1947, Date Completed 4-30-1947

Please indicate location:

•			

Elevation 3355 Total Depth 3205, P.B.

Top oil/gas pay 3025 Top of Prod. Form 3025 - Yates

Casing Perforations: or

Depth to Casing shoe of Prod. String 3032

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 6,250 MCF

Size choke in inches

Date first oil run to tanks or gas to Transmission system 5-23-1947

Transporter taking Oil or Gas: El Paso Natural Gas Company
El Paso, Texas

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved DEC 21 1953, 19 ALBERT GACKLE, OPERATOR

(Company or Operator)

By: Albert Gackle
(Signature)

Title: OPERATOR
Send Communications regarding well to:

Name: ALBERT GACKLE

419 Ft. Worth Nat'l Bank Bldg
Address: Ft. Worth 2, Texas

Casing and Cementing Record

Size Feet Sax

8-5/8	581	200
5-1/2	3032	300

OIL CONSERVATION COMMISSION

By: J. G. Stanley

Title: Engineer District 1

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date 12-9-1953
Albert Gackle R. W. Cowden B 1
 Operator Lease Well No.
 Name of Producing Formation Yates Pool Langlie-Mat
 No. Acres Dedicated to the Well 80 *R-441*

OIL CONSERVATION COMMISSION
HOBBES OFFICE

DEC 14 1953

RECEIVED

SECTION 30 TOWNSHIP 23 RANGE 17

<p>* Western Nat. Gas</p>			
		<p>* Western Nat. Gas</p>	
<p>B-3A 990' - - * B-1 Albert Gackle & Magnolia Petr. Co., et al B-2</p>		<p>* Albert Gackle - J. C. Maxwell et al</p>	
<p>2110'</p>	<p>Western Natural Gas Company</p>		<p>*</p>

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Albert Gackle
 Position Operator
 Representing Albert Gackle, Operator
 Address 419 Ft. Worth Nat'l Bank Bldg
Fort Worth 2, Texas

(over)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

OCT 26 1951

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		SHUT IN PRESSURE TEST	XXI

October 24, 1951

Date

Fort Worth 2, Texas

Place

Following is a report on the work done and the results obtained under the heading noted above at the

R. G. Clay Company or Operator R. W. Cowden "B" Lease Well No. 1 in the
W/2SW/4 of Sec. 30, T. 23S, R. 37E, N. M. P. M.,
Langlie-Mattix Pool Lea County.

The dates of this work were as follows: October 11, 1951

Notice of intention to do the work was (was not) submitted on Form C-102 on _____, 19____,
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Shut-in time 24 hours

BIP IN BBIG 1129#

Witnessed by _____ Report by El Paso Natural Gas Company
Name Company Title

APPROVED: OIL CONSERVATION COMMISSION

Ray M. Krasney
Oil & Gas Inspector Name
OCT 26 1951 Title

Date

19

I hereby swear or affirm that the information given above is true and correct.

Name *Franklin Fisher*
Position Agent

Representing R. G. Clay
Company of Operator

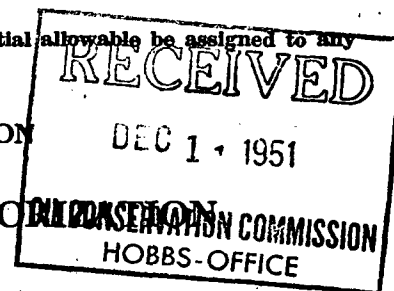
Address 1804 Fair Building
Fort Worth 2, Texas

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

**CERTIFICATE OF COMPLIANCE AND AUTHORITY
TO TRANSPORT OIL**



Company or Operator Albert Gackle Lease R. W. Cowden "B"
Address Hobbs, N. M. 1804 Fair Bldg., Ft. Worth, Texas
(Local or Field Office) (Principal Place of Business)
Unit L Wells No. 1 Sec. 30 T. 23S R. 37E Pool Langlie-Mattix County Lea
Kind of Lease Oil & Gas Patented Location of Tanks -
Transporter El Paso Natural Gas Co Address of Transporter Hobbs, N. M.
(Local or Field Office)
El Paso, Texas Percent of oil to be transported _____ Other transporters authorized _____
(Principal Place of Business)
to transport oil from this unit are _____ %
REMARKS:

Change in operating ownership.

Former Operator - R. G. Clay

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 8th day of December, 1951, 195_____

ALBERT GACKLE

(Company or Operator)

By Albert Gackle

Title Operator

Approved: DEC 13 1951, 195_____

OIL CONSERVATION COMMISSION

By R. S. Blynn

Engineer District 1

(See Instructions on Reverse Side)

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

OCT 26 1950

OIL CONSERVATION COMMISSION

Submit this report in triplicate to the Oil Conservation Commission or its proper agent with Office days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		SHUT IN PRESSURE TEST	XXX

October 18, 1950

Fort Worth, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

R. G. Clay

R.W. Cowden B

Well No. 1 in the _____

Company or Operator

Lease

W/2SW/4

of Sec. 30T. 238R. 37E

N. M. P. M.,

Langlie-Mattix

Field,

Lea

County.

The dates of this work were as follows:

October 12, 1950

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Time shut-in - 24 hours
Pressure - 1165.3 psia

Witnessed by Report furnished by El Paso Natural Gas Company

Name

Company

Title

Subscribed and sworn before me this 18th

I hereby swear or affirm that the information given above is true and correct.

day of October19 50

Name _____

Position _____

Agent

Representing _____

R. G. Clay

Company or Operator

My commission expires

6-1-51

Address

1804 Fair Bldg., Ft. Worth, Texas

Remarks:

APPROVED

OCT 26 1950

Date

Oil & Gas Inspector

Title

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

SEP 6 1951

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, results of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		SHUT IN PRESSURE TEST	XXX

September 1, 1951

Ft. Worth, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

R. G. Clay R. W. Cowden "B" Well No. 1 in the
Company or Operator Lease
W/2SW/4 of Sec. 30, T. 23S, R. 37E, N. M. P. M.,
Langlie-Mattix Field Lea County.

The dates of this work were as follows: April 1951

Notice of intention to do the work was (was not) submitted on Form C-102 on 19

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Shut-in time 24 hours

SIP, in SPIG 1145#

Witnessed by Reported by El Paso Natural Gas Co
Name Company Title

Subscribed and sworn before me this 1st

day of September, 19 51

Guerrita Trichter
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name Richard Phillips
Position Agent

Representing R. G. Clay
Company or Operator

Address 1804 Fair Bldg
Ft. Worth 2, Texas

My commission expires 6-1-53

Remarks:

SEP 10 1951

APPROVED

Roy Garbrough
Name
Oil & Gas Inspector
Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		SHUT IN PRESSURE TEST	XX

May 11, 1950

Ft. Worth, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

R. G. Clay

R. W. Cowden "B"

Well No. 1

in the _____

Company or Operator

Lease

SW/4

of Sec. 30

T. 23S

R. 37E

N. M. P. M.,

Jangle-Mattix

Field,

Lea

County.

The dates of this work were as follows: _____

April 13, 1950

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19 _____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Time shut-in - 24 hours

Shut-in pressure - 1163#

~~Witnessed by~~ Report from El Paso Natural Gas Co., El Paso, Texas

Name

Company

Title

Subscribed and sworn before me this 11th

day of May

19 50

I hereby swear or affirm that the information given above is true and correct.

Name

Richard Phillips

Position

Agent

Representing

R. G. Clay

Company or Operator

My commission expires

6-1-51

Address

1804 Fair Bldg., Ft. Worth, Texas

Remarks:

APPROVED
MAY 17 1950
Date

Not. your receipt.

311 of Gas. Inspector's Name

Title

Langlie - Mattix

SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION

(12)

N		E	
W	S		

Company Clay et al
 Farm Name Cowden B Well No. 21
 Sec. 30 Twp. 23 Range 37 County Lea
 Feet from Line: N. 2110 S. 4220 E. 990 W.
 Elevation _____ Method F
 Contractor _____
 Spudded 4-16-47 Completed 4-30-47

AMOUNT CASING & CEMENTING RECORD

Size	Feet	Inches	Sax Cement
<u>8 5/8</u>	<u>589</u>		<u>200</u>
<u>5 1/2</u>	<u>3000</u>		<u>300</u>

TUBING RECORD

PACKER

ACID RECORD Gals.

TA	TG
TX	TSA
TCA	TGI
BX	TYo
TY	TABo
TSR	TPenn
Top Pay <u>3150</u>	TQ
	TOrd

SHOOTING RECORD

No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date		Date	
<u>4-23</u>	<u>Ø2315 A</u>		
<u>4-30</u>	<u>Ø3140 A & L</u>		
<u>5-7</u>	<u>TD 3205 K Setg.</u>		
<u>5-16</u>	<u>TD 3205 L Setg. 6 1/4 MCAPD</u>		
<u>5-28</u>	<u>TD 3205 A & L Flow</u>		
	<u>6 1/4 MCAPD thru</u>		
	<u>open 2' by @ 3/25</u>		

DUPLICATE

RECEIVED
MAY 8 1947
HOBBS OFFICE

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

R. G. CLAY

1804 Fair Bldg., Fort Worth 2, Texas

Cowden "B" Company or Operator
Well No. 1 in SW/4 of Sec. 30, T. 23S
Lease 37E
N. M. P. M., Langlie Field, Lea County.
Well is 2110 feet south of the North line and 990 feet west of the East line of Section 30
If State land the oil and gas lease is No. not Assignment No.
If patented land the owner is J. C. Combest, Address Eunice, N. M.
If Government land the permittee is, Address
The Lessee is R. W. Cowden et al, Address numerous
Drilling commenced 4-15-47 19 Drilling was completed 4-30-47 19
Name of drilling contractor Clay and Gackle Contracting Co, Address P.O. Box 296, Hobbs, N.M.
Elevation above sea level at top of casing. feet.
The information given is to be kept confidential until NO 19

OIL SANDS OR ZONES

No. 1, from 3026 to 3154 No. 4, from to
No. 2, from 3154 to 3205 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8-5/8"	32	8	Sml	581	float				
5-1/2"	14&15	8	"	3024	"		3154	3205	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
-----------------	-------------------	-----------	------------------------	--------------	-------------	--------------------

11" 8-5/8"	507	200	HEAVY DUTY		
7-7/8" 5-1/2"	3032	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material.....Length.....Depth Set.....

Adapters—Material.....Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from.....0.....feet to.....3205.....feet, and from.....feet to.....feet

Cable tools were used from.....feet to.....feet, and from.....feet to.....feet

PRODUCTION

Put to producing....., 19.....

The production of the first 24 hours was.....barrels of fluid of which.....% was oil;.....% emulsion;.....% water; and.....% sediment. Gravity, Be.....

If gas well, cu. ft. per 24 hours.....6,250 MCF.....Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in.....

EMPLOYEES

J. R. Pearce....., Driller H. E. Johnson....., Driller

Everett Ivey....., Driller....., Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this.....7th.....

day of.....May....., 19.....47

Janita Fincher
Notary Public JANITA FINCHER

My Commission expires.....6-1-47.....

Fort Worth, Texas.....5-7-47

Name.....*R. C. Cady*.....

Position.....Operator.....

Representing.....

Company or Operator

Address.....1804 Fair Bldg., Ft. Worth, Texas.....

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	DATE
0	240	240	Surface sand	
240	580	340	Red Bed	
580	587	7	Blue shale - set 8-5/8" casing with 200 sz	
587	1190	603	Red Bed	
1190	1292	102	Anhydrite	
1292	1700	408	Salt streaks and shells	
1700	1765	65	Anhydrite	
1765	2035	270	Salt	
2035	2055	20	Anhydrite	
2055	2334	279	Salt	
2334	2750	416	Salt and anhydrite	
2750	2790	40	Anhydrite and shale streaks	
2790	2855	65	Brown lime and anhydrite	
2855	2860	5	Lime	
2860	3004	144	Lime and anhydrite - set 5 1/2" csg w/300 sz	
3004	3026	22	Sand	
3026	3154	182	Lime and anhydrite	
3154	3205	51	Lime T.D.	

Place Fort Worth, Texas
Date May 3, 1947

D	C	B	A
E	F	G	H
I	J	K	L
P	O	N	M

Glenn Staley
Proration Office
Hobbs, New Mexico

Designate UNIT well is located in
"L"

NOTICE OF COMPLETION OF: (Lease) Cowden "B" Well No. 1
990 feet from N line: 2310 feet from S line;
Section 30 Township 23S Range 37E

DATE STARTED 4-15-47
DATE COMPLETED 4-30-47
ELEVATION 3355 to follow
TOTAL DEPTH S.L.
CABLE TOOLS ROTARY TOOLS X

CASING RECORD

SIZE	<u>8-5/8" OD</u>	DEPTH	<u>587</u> <u>32"</u>	SAX CEMENT	<u>200</u>
SIZE	<u>5-1/2" OD</u>	DEPTH	<u>3024</u> <u>14-15"</u>	SAX CEMENT	<u>300</u>
SIZE		DEPTH		SAX CEMENT	

TUBING RECORD

SIZE 2-7/8" OD DEPTH 3175

ACID RECORD

NO. GALS. No
NO. GALS.
NO. GALS.

SHOT RECORD

NO. QTS. No
NO. QTS.
NO. QTS.

FORMATION TOPS

Anhydrite 1190
Top Salt 1292
Base Salt 2750
Red Sand
Brown Lime 2790
White Lime
Oil or Gas Pay 3025-3200 - Broken
Water None

Initial Production Test Pumping Flowing
Test After Acid or Shot

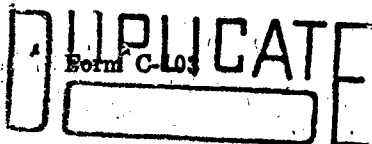
Initial GAS VOLUME 6,250,000

SCHEDULE NO. DATE

PIPE LINE TAKING OIL

REMARKS: COMPANY: R. G. Clay et al

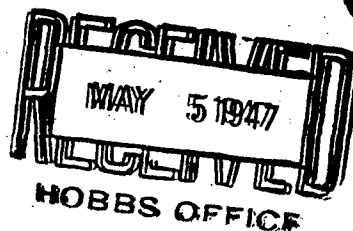
SIGNED BY: R. G. Clay



OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

May 3, 1947

Date

Fort Worth, Texas

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

R. G. Clay

Company or Operator

Cowden "B"

Lease

Well No. 1 in the _____NW/4SW/4of Sec. 30T. 23SR. 37E

N. M. P. M.,

LanglieField, Lea

County.

The dates of this work were as follows: 4-28-47

Notice of intention to do the work ~~over~~ (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

5½" casing tested 1000# cold water pressure. No drop in pressure till released

Witnessed by H. F. Gray Clay & Gackle Contracting Co., Tool Pusher
Name Company Title

Subscribed and sworn before me this 3rd

I hereby swear or affirm that the information given above is true and correct.

day of May, 1947

Name R. G. Clay

Position Operator

Representing _____

Company or Operator

My commission expires 6-1-47

Address 1804 Fair Bldg., Ft. Worth, Texas

Remarks:

APPROVED MAY 5 1947

Date _____

Roy Garbary
Oil & Gas Inspector
Name Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

APR 28 1947
HOBBS OFFICE

DUPLICATE
[]

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	XX	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

April 23, 1947 1804 Fair Bldg., Ft. Worth, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

R. G. Clay Cowden "B" Well No. 1 in the
Company or Operator Lease
NE/4NW/4SW/4 of Sec. 30, T. 23S, R. 37E, N. M. P. M.,
Langlie Field, Lea County.

The dates of this work were as follows: April 17, 1947

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

8-5/8" casing set at 587' and cemented with 200 sacks
Casing tested 500# cold water pressure 2 hours. No drop in
pressure till released

Witnessed by Hugh F. Gray Clay & Gackle Contracting Co Tool Pusher
Name Company Title

Subscribed and sworn before me this 23

I hereby swear or affirm that the information given above
is true and correct.

day of April, 19 47

Name [Signature]

Juanita Fincher
Notary Public

Position Operator

in and for Tarrant Co., Texas

Representing _____
Company or Operator

My commission expires 6-1-47

Address 1804 Fair Bldg., Ft. Worth, Texas

Remarks:

APPROVED

Date APR 28 1947

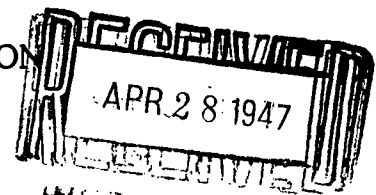
Roy Yurroughs
Oil & Gas Inspector
Title

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

NOTICE OF INTENTION TO DRILL

Santa Fe, New Mexico



Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

1804 Fair Building, Fort Worth, Texas

4-10-47

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

PLACE

DATE

Gentlemen:

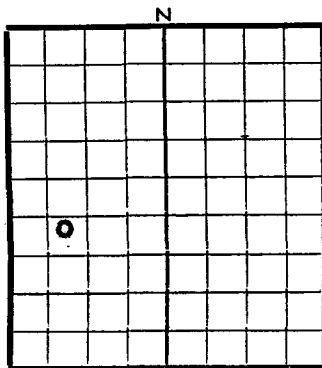
You are hereby notified that it is our intention to commence the drilling of a well to be known as,

R. G. Clay

Cowden "B"

Well No. 1 in SW/4

of Sec. 30, T. 23S, R. 37E, N. M. P. M., Langlie Field, Lea County.



AREA 640 ACRES
LOCATE WELL CORRECTLY
total depth

The well is 2110 feet (N.) of the S line and 990 feet (E.) of the W line of Section 30

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. not Assignment No. -

If patented land the owner is J. C. Combest

Address Eunice, N. M.

If government land the permittee is -

Address -

The lessee is R. W. Cowden et al

Address numerous

We propose to drill well with drilling equipment as follows: Rotary to

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: Operator's bond on file

We propose to use the following strings of casing and to land or cement them as indicated:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	NEW OR SECOND HAND	DEPTH	LANDED OR CEMENTED	SACKS CEMENT
11"	8-5/8"	28#	New	600	cemented	200
7-7/8"	5-1/2"	14 & 17#	Used	3000	"	250

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 3050 feet.

Additional information:

APR 28 1947

Approved, 19

Except as follows:

5 1/2 casing should be cemented with the remaining amount of cement to return to top of last section

Sincerely yours,

R. G. Clay

COMPANY OR OPERATOR

By

Position Operator

Send communications regarding well to

Name R. G. Clay

Address 1804 Fair Bldg., Ft. Worth 2, Texas

OIL CONSERVATION COMMISSION,

By Roy. Yarbrough

Title

Oil & Gas Inspector