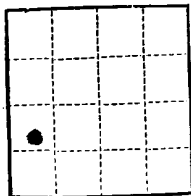


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **078481-A**
Unit **Graham**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

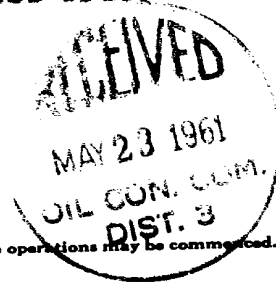
Well No. **48** is located **1450** ft. from **N** line and **790** ft. from **E** line of sec. **20**
SW/4 Sec. 20 **27N** **6W** **NMPM**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Alamosa **San Juan** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5885** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

300' x 10-1/4" x 36# surface casing - 200 sacks cement
2300' x 7-5/8" x 0 drilled 9-5/8" hole with mud - 150 sacks cement
6600' x 4-1/2" x 11.6# production casing through Dakota formation
drilling with gas from 2300'. Two stage cement tool at 4500' (Mesa Verde) - 200 sacks. Float shoe at 6600' - 200 sacks cement on Dakota formation. Perforate Dakota formation and sand-oil free.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **A & C Drilling Company, Inc.**

Address **Post Office Box 187**
Farmington, New Mexico

By **William C. Russell**
 Title **President**

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128
 Revised 5/1/57

SECTION A

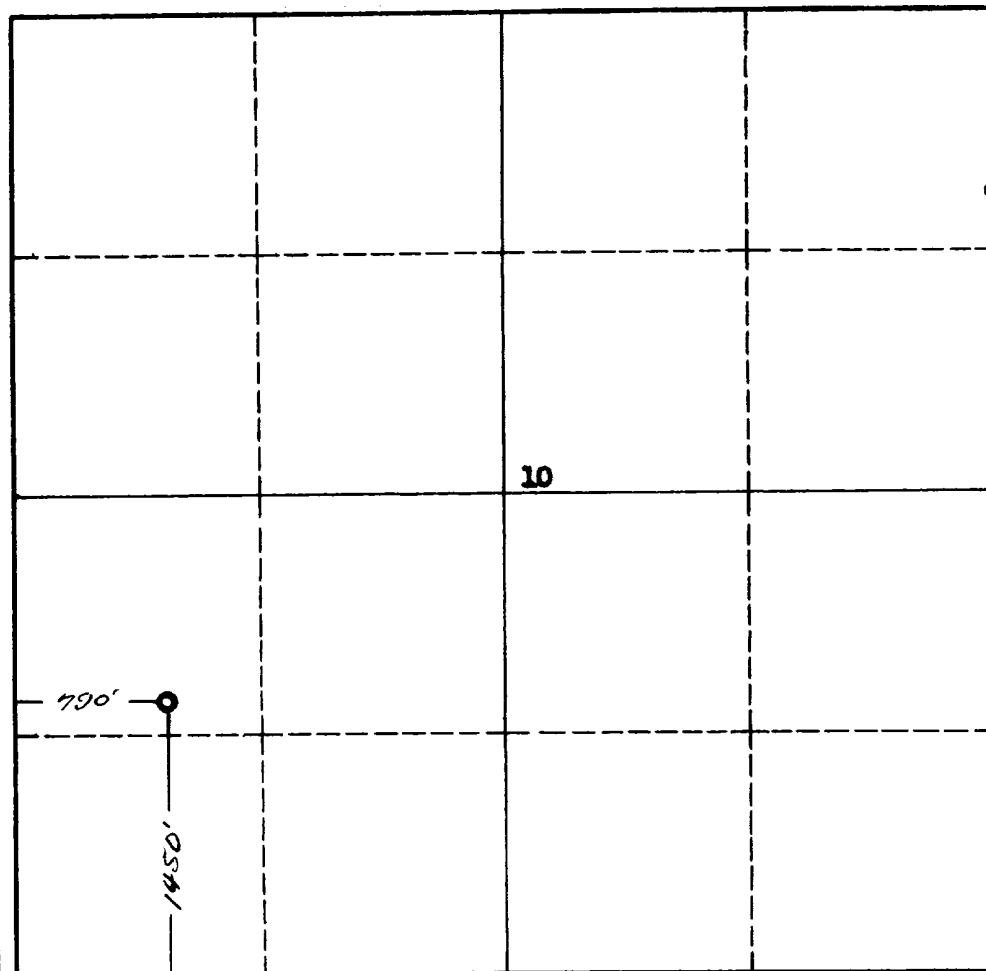
Operator R AND G DRILLING COMPANY			Lease 2-1-1-1		Well No. 48
Unit Letter L	Section 10	Township 27 NORTH	Range 8 WEST	County SAN JUAN	
Actual Footage Location of Well: 1450 feet from the SOUTH line and 790 feet from the WEST line					
Ground Level Elev. 5872.0	Producing Formation Dakota	Pool Wildcat	Dedicated Acreage: 20 1/2 Acres		

Ref: GLO plat dated 8 November 1884

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

CERTIFICATION

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

William C. Russell
 Name
President
 Position
R & G Drilling Company
 Company

Date

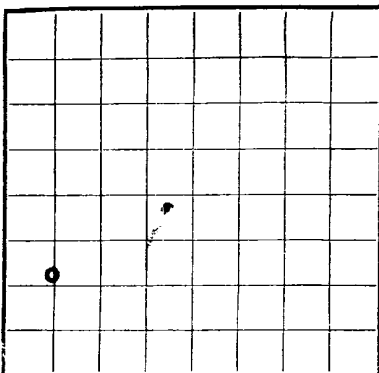
RECEIVED

MAY 23 1961

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

Date Surveyed
4 November 1960
 Registered Professional Engineer and/or Land Surveyor
James P. Leese
James P. Leese
 Certificate No. **1463**

San Juan Engineering Company



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R & G Drilling Company, Inc. Address Box 327 Farmington, New Mexico
Lessor or Tract USA Field Basin Dakota State New Mexico
Well No. 48 Sec. 10 T. 27N R. 8W Meridian NMPM County San Juan
Location 1450 ft. N of 5 Line and 790 ft. E of W Line of Sec. 10 Elevation 5285
(Derrick floor relative to level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed William C. Russell
Title President

Date June 29, 1961

The summary on this page is for the condition of the well at above date.

Commenced drilling 5-20-61, 19____ Finished drilling 6-5-61, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2050 to 2150 No. 4, from _____ to _____
No. 2, from 3810 to 4420 No. 5, from _____ to _____
No. 3, from 6480 to 6624 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 300 to 1100 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10 3/4</u>	<u>26</u>	<u>8</u>	<u>OP&T</u>	<u>210</u>	<u>Hard</u>	<u>0</u>	<u>0</u>	<u>210</u>	<u>Surface</u>
<u>7 5/8</u>	<u>11.6</u>	<u>8</u>	<u>"</u>	<u>2300</u>	<u>Hard</u>	<u>210</u>	<u>210</u>	<u>2300</u>	<u>Intermediate</u>
<u>4 1/2</u>	<u>11.6</u>	<u>8</u>	<u>"</u>	<u>6650</u>	<u>guide</u>	<u>6477</u>	<u>6477</u>	<u>6624</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>210</u>	<u>200</u>	<u>Halliburton</u>	<u>100</u>	<u>100</u>
<u>7 5/8</u>	<u>2300</u>	<u>200</u>	<u>"</u>	<u>water</u>	<u>water</u>
<u>4 1/2</u>	<u>6650</u>	<u>350</u>	<u>"</u>	<u>gas</u>	<u>gas</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6650 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 29, 1961, 19____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 2,750MCF Gallons gasoline per 1,000 cu. ft. of gas ?
Rock pressure, lbs. per sq. in. 2250

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>?</u>	<u>1220</u>	<u>?</u>	<u>Ojao Alamo</u>
<u>2050</u>	<u>2150</u>	<u>100</u>	<u>Pictured Cliffs</u>
<u>3800</u>	<u>3860</u>	<u>60</u>	<u>Cliffhouse</u>
<u>4320</u>	<u>4420</u>	<u>100</u>	<u>Point Lookout</u>
<u>5505</u>	<u>5932</u>	<u>427</u>	<u>Gallup</u>
<u>6290</u>	<u>6350</u>	<u>60</u>	<u>Greenhorn</u>
<u>6475</u>	<u>6625</u>	<u>150</u>	<u>Dakota</u>

FORMATION RECORD—Continued