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OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company EFROC ASSOCIATES Address P. O. Box 1710, DURANGO, COLORADO
Lessor or Tract FUERTA GRANDE Field WILDCAT State NEW MEXICO
Well No. 1 Sec. 27 T. 28N R. 1E Meridian N.M.F.M. County RIO ARriba
Location 660 ft. N of N Line and 660 ft. E of W Line of SECTION 27 Elevation 7150 AND
(Derrick floor relative to sea 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.

Date NOVEMBER 1, 1961 Signed R. E. Smith Title PARTNER
The summary on this page is for the condition of the well at above date.

Commenced drilling SEPTEMBER 10, 19 61 Finished drilling SEPTEMBER 30, 19 61

Entered 2 EX - 800 and 1 EX - 800 **OIL OR GAS SANDS OR ZONES**
(Denote gas by G) **(SEE WELL HISTORY)**
No. 1, from 100 to 1250 No. 4, from 1250 to 1520
No. 2, from 1250 to 1520 No. 5, from 1520 to 1520
No. 3, from 1520 to 1520 No. 6, from 1520 to 1520
IMPORTANT WATER SANDS (SEE WELL HISTORY)
No. 1, from 100 to 1250 No. 3, from 1250 to 1520
No. 2, from 1250 to 1520 No. 4, from 1520 to 1520
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>32.75</u>	<u>8</u>	<u>SMLE</u>	<u>1520</u>	<u>TEXAS PATT</u>	<u>1520</u>			<u>SHUT-OFF</u>
<u>7</u>	<u>20.00</u>	<u>8</u>	<u>SMLE</u>	<u>1520</u>	<u>TEXAS PATT</u>	<u>1520</u>			<u>SHUT-OFF</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>117</u>	<u>50</u> <u>EX - REG.</u>	<u>PUMP & PLUG</u>	<u>-</u>	<u>-</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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from SURFACE feet to 1575 feet, and from _____ feet to _____ feet

DATES

_____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES **NO PRODUCTION - PLUGGED AND ABANDONED**

R. CHADWICK, Driller _____, Driller
WAYNE REYNOLDS, Driller GROSSMAN DRILLING COMPANY, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>367</u>	<u>367</u>	<u>UPPER MANCOS SHALE</u>
<u>367</u>	<u>499</u>	<u>132</u>	<u>NIOBARA MEMBER - MANCOS SHALE</u>
<u>499</u>	<u>737</u>	<u>238</u>	<u>GALLUP SANDY MEMBER, MANCOS SHALE</u>
<u>737</u>	<u>1282</u>	<u>545</u>	<u>TOCITO SANDY MEMBER, MANCOS SHALE</u>
<u>1282</u>	<u>1330</u>	<u>48</u>	<u>GREENHORN LB. MEMBER</u>
<u>1330</u>	<u>1481</u>	<u>151</u>	<u>GRANEROS</u>
<u>1481</u>	<u>1572 - TD</u>	<u>91</u>	<u>DAKOTA SANDSTONE</u>

(OVER)

FORMATION RECORD - CONTINUED

16-45004-4

7-11-67
10-11-67
10-11-67

● 537443 ● 444.8240

UNITED STATES
DEPARTMENT OF THE INTERIOR
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LOCATED BY THE

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450 - 550 w/46 SX CEMENT
0 - 20' w/10 SX IN 10 3/4" BOREHOLE

1450 - 1550 W/26 SX CEMENT

PULLED 8 5/8" - 8401 AND 91-0759 OR GAS SANDS OR ZONES

1000' WIK IN HOLE @ 1535', HOLE CAVING
RAN 7" CASING TO 1520', FILLED TO 1572', AND RAN LOSS.

SLIGHT GAS @ 1355!
from 1355

INCREASE OF WATER @ 737', HOLE STARTED CAVING
IMPORTANT WATER SANDS
RAN 840' - 8 5/8" CASING FOR WATER SHUT-OFF

NO SHOW SLIGHT @ 380' & 657'

No. 1 from

Drilled complete hole to 1572' with cable tools.

of the same material used, position, and results of pumping or bailing.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well give its size and location. If the well has been abandoned, state the reasons therefor, and the date of abandonment.

16-48964-2 U. S. GOVERNMENT PRINTING OFFICE

MILITARY AND NAVY RECORD

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

2-10025-01

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