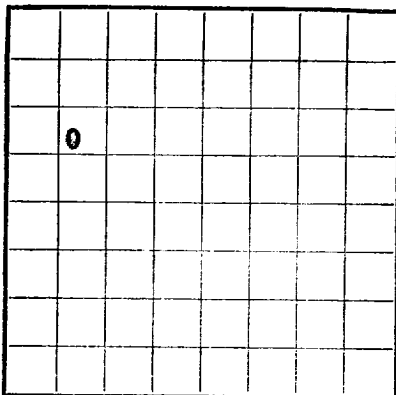




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Jicarilla Apache**
SERIAL NUMBER **Secony Mobil**
LEASE OR PERMIT TO PROSPECT **97**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Consolidated Oil & Gas, Inc.** Address **2112 Tower Bldg., 1700 Broadway, Denver, Colorado**
Lessor or Tract **Tribal "C"** Field **Basin Dakota** State **New Mexico**
Well No. **12-8** Sec. **8** T. **24N** R. **1W** Meridian **NMPM** County **Rio Arriba**
Location **1650** ft. **N.** of **N.** Line and **990** ft. **E.** of **W.** Line of **Section** Elevation **6943KB**
(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.

Signed _____

Date **June**, **1962**Title **Chief Engineer**

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

Commenced drilling **April 18**, 19 **62** Finished drilling **May 20**, 19 **62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

G No. 1, from **3645** to **3703** No. 4, from _____ to _____
G No. 2, from **5800** to **5850** No. 5, from _____ to _____
G No. 3, from **7852** to **8052** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ 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—	
10 3/4	310	8 1/2	3-55	250	Guide	3645			Surface
7 5/8	3993	8 1/2	3-55	443	Float	5800			5800
5 1/2	8095	8 1/2	3-55	373 thru shoe	Float	3817	See Below		Line

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	310	250	Pump & Plug		
7 5/8	3993	443	" "		
5 1/2	8095	373 thru shoe	" "	Squeezed liner top with 75 sacks.	

PLUGS AND ADAPTERS

8061 PBTD

Heaving plug—Material **Cement** Length _____ Depth set _____

Adapters—Material _____ Size _____

Sand Water Frac

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
7855	8048	120,000 sand	170,000	gal. water	-	3 stage
3650	3700	100,000 sand	112,000	gal water		

TOOLS USED

Rotary tools were used from **0** feet to **8105** feet, and from _____ feet to _____ feet

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

Initial Potential Test

DATES

5-31, 19 **62**

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. _____

Rate If gas well, cu. ft. per 24 hours **980** **PC** **DK** Gallons gasoline per 1,000 cu. ft. of gas _____S. I. T. P Rock pressure, lbs. per sq. in. **1027 PC 2513 DK**

EMPLOYEES

Huron Drilling Company, Driller _____, Driller _____

_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Log Tops:			
	Pictured Cliffs Fm.	3603	(+3330)
	Pictured Cliffs Ssand	3645	(+3288)
	Pt. Lookout	5801	(+1132)
	Mancos	5947	(+ 986)
	Gallup	6750	(+165)
	Greenhorn	7751	(- 818)
	Dakota	7852	(- 919)
Perforations:			
	DAKOTA	Pictured Cliffs	
	7855'-7865'	3650'-3674'	
	7866'-7876'	3697'-3700'	
	7954'-7957'		
	7961'-7966		
	7982'-7986		
	7992'-7993'		
	8004'-8007'		
	8028'-8034'		
	8044'-8049		

SEE ATTACHED HISTORY

FORMATION RECORD—Continued

10-43094-2

19-43094-4

FROM—	TO—	TOTAL FEET	FORMATION
	8044.-8048		
	8058.-8064		
	8064.-8071		
	10057.-10068		
	10068.-10080		
	10081.-10090		
	10091.-10101		
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	10136.-10145		
	10146.-10155		
	10156.-10165		
	10166.-10175		
	10176.-10185		
	10186.-10195		
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