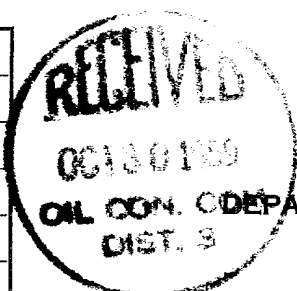


[illegible]

LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address P. O. Box 151 - Farmington, New Mexico
Lessor or Tract Federal - Government Field Nisti State New Mexico
Well No. 42-15 Sec. 15 T. 25N R. 12W Meridian TMPM County San Juan
Location 1980 ft. N of E Line and 600 ft. E of W Line of Section 15 Elevation 6229 BB

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 Agnes - Signed by her Mother
Date October 2, 1957 Title Exploitation Engineer

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

Commenced drilling July 20, 1959 Finished drilling July 24, 1959

OIL OR GAS SANDS OR ZONES

(1783)

(Denote gas by $\mathbb{G}$)

No. 1, from 471 to 1813 No. 4 from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	109	100	Displacement	---	---
1/2	140	150	Displacement	---	---

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 _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

October 9, 1959 Put to producing _____ 19__

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil: ----- %

emulsion; ----- % water; and, ----- % sediment.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. Grebner, Driller

_____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
1047	1251	204	Pictured Cliffs
1251	1421	170	Leds
1421	1948	527	Cliff House
1948	3500	1552	Allison-Henefee
3500	3683	183	Colet Lookout
3683	4612	929	Hencos
4612	--	--	Gallun

SHELL OIL COMPANY

WELL NO. Gov't 42-15

DRILLING REPORT
 FOR PERIOD ENDING

Bisti
 (FIELD)
 San Juan, New Mexico
 (COUNTY)

July 28, 1959

15
 (SECTION OR LEASE)
 T25N R12W
 (TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			Location: 1980' S. and 660' W. of NE Corner Sec. 15, T25N, R12W, NMPM, San Juan County, New Mexico
			Elevations: DF 6227.9' CR 6220.2' KB 6229.4'
7-20 To 7-21	C	2290	Spudded 8:30 A.M. 7-20-59. Ran and cemented (100') 8-5/8", 24#, J-55 casing at 109' with 100 sacks cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.
7-23 To 7-26	2290	4855	Drilled 2565'
7-28	4855 TD		Ran SP-contact caliper log. Ran and cemented (4841') 4-1/2", 9.5#, J-55 casing at 4850' with 150 sacks cement treated with 4% gel. Displaced with oil. Final pressure 1800 psi. Released rig 1:00 P.M. 7-27-59 Checked BOP daily Mud Summary Wt 9.1-9.6 #1 gal. Vis 44-47 sec. WL 6.4-7 cc FG 2/32"
			Contractor: Brinkerhoff Drilling Company
			Drillers: C. Adams J. Speaker E. Babcock

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

M. J. M. Barry

SHELL OIL COMPANY

WELL NO. Gov't 42-15

DRILLING REPORT
 FOR PERIOD ENDING

Blatt
 (FIELD)
 San Juan, New Mexico
 (COUNTY)

September 30, 1959

15
 (SECTION OR LEASE)
 T25N R12W
 (TOWNSHIP OR RANGHO)

DAY	DEPTH		REMARKS
	FROM	TO	
7-28	4855		Jet perforated four 1/2" holes/ft. 4711-31, 4744-54, 4772-81, 4788-98, 4804-13.
	TD		
7-29			Spotted mud acid. Sand oil fractured with 50,000 gal. crude, 1#/gal sand and 180 rubber balls. Maximum pressure 3500 psi, (150 balls dropped). Average rate 34 bbls/min.
To			
7-30			Cleaned out frac sand 4793-4833. Ran tubing to 4790'.
7-31			
8-1			Ran rods and pump. Pumped and recovered all load and frac oil, 1583 bbls.
To			
9-29			INITIAL PRODUCTION Pumping 37 B/D gross, 37 B/D oil, out 0.1%, 33 MCF/D gas, GOR 900. Completed 9-30-59.
9-30			

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4	0	115	8-5/8"	109'
7-7/8"	115	4855	4-1/2"	4850'
DRILL PIPE SIZE 4-1/2"				

M. W. McGarry
 M. W. McGarry SIGNED