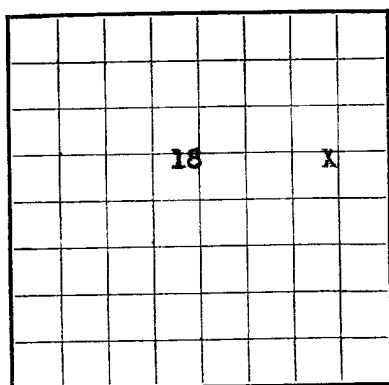


U. S. LAND OFFICE Navajo -allotted
SERIAL NUMBER 14-20-603-1283
LEASE OR PERMIT TO PROSPECT

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 158, Farmington, New Mexico
Lessor or Tract Allotted - Carson Unit Field Bisti State New Mexico
Well No. 42-18 Sec. 18 T25N R11W Meridian N.M.P.M. County San Juan
Location 1980 ft. (N) of N. Line and 660 ft. (E) of E. Line of Sec. 18 Elevation 6421 KB
(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 _____ Original signed by B. W. SHUPART

Date December 3, 1959 Title Exploitation Engineer

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

Commenced drilling October 17, 1959 Finished drilling October 23, 1959OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4934 ^{gross} to 5032 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	26	8	AMCO	100	Ball	Surface			Surface
4-1/2"	15	8	AMCO	5074	Ball	4912			4912
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	101	100	Displacement		
4-1/2"	5085	150	"		

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 5085 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 1959
December 3, 1959 The production for the first 24 hours was _____ barrels of fluid of which 99.7 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40.0 API (approx)
If gas well, cu. ft. per 24 hours 0.3 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____ Brinkerhoff Drig. Co., Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1254	1459	205	Pictured Cliffs
1459	1621	162	Lewis
1621	2061	440	Cliff House
2061	3752	1691	Allison - Menefee
3752	3923	171	Point Lookout
3923	4822	899	Mancos
4822	-	-	Gallup
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of white graph paper with a black border. The grid consists of horizontal and vertical lines forming small squares. There are approximately 20 columns and 15 rows visible. The lines are thin and evenly spaced.

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

Signed _____

Original signed by _____

Location _____ ft. _____ of _____ Line and within _____ ft. _____ of _____ Line of _____
Well No. _____ Sec. _____ T. _____ R. _____ S. _____
County _____ State _____
Address _____
Company _____

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

 Commenced drilling
 Finished drilling
 The
 Date

ALL OF THE CASES RAN OUT OF ZONES

(7) L^2 norm estimate:

to	No. 3 from	to	No. 3 from
to	No. 3 from	to	No. 3 from
to	No. 3 from	to	No. 3 from

REPORTANT WATER SANDS

of	month 3.0%	of	month 1.0%
of	month 4.0%	of	month 2.0%

CASTING RECORD

Year	Weighted average of all years	Pre-1980 and 1980-1989	1990-1999	2000-2009	2010-2019	2020-2029	2030-2039	2040-2049	2050-2059	2060-2069	2070-2079	2080-2089	2090-2099	2100-2109	2110-2119	2120-2129	2130-2139	2140-2149	2150-2159	2160-2169	2170-2179	2180-2189	2190-2199	2200-2209	2210-2219	2220-2229	2230-2239	2240-2249	2250-2259	2260-2269	2270-2279	2280-2289	2290-2299	2300-2309	2310-2319	2320-2329	2330-2339	2340-2349	2350-2359	2360-2369	2370-2379	2380-2389	2390-2399	2400-2409	2410-2419	2420-2429	2430-2439	2440-2449	2450-2459	2460-2469	2470-2479	2480-2489	2490-2499	2500-2509	2510-2519	2520-2529	2530-2539	2540-2549	2550-2559	2560-2569	2570-2579	2580-2589	2590-2599	2600-2609	2610-2619	2620-2629	2630-2639	2640-2649	2650-2659	2660-2669	2670-2679	2680-2689	2690-2699	2700-2709	2710-2719	2720-2729	2730-2739	2740-2749	2750-2759	2760-2769	2770-2779	2780-2789	2790-2799	2800-2809	2810-2819	2820-2829	2830-2839	2840-2849	2850-2859	2860-2869	2870-2879	2880-2889	2890-2899	2900-2909	2910-2919	2920-2929	2930-2939	2940-2949	2950-2959	2960-2969	2970-2979	2980-2989	2990-2999	3000-3009	3010-3019	3020-3029	3030-3039	3040-3049	3050-3059	3060-3069	3070-3079	3080-3089	3090-3099	3100-3109	3110-3119	3120-3129	3130-3139	3140-3149	3150-3159	3160-3169	3170-3179	3180-3189	3190-3199	3200-3209	3210-3219	3220-3229	3230-3239	3240-3249	3250-3259	3260-3269	3270-3279	3280-3289	3290-3299	3300-3309	3310-3319	3320-3329	3330-3339	3340-3349	3350-3359	3360-3369	3370-3379	3380-3389	3390-3399	3400-3409	3410-3419	3420-3429	3430-3439	3440-3449	3450-3459	3460-3469	3470-3479	3480-3489	3490-3499	3500-3509	3510-3519	3520-3529	3530-3539	3540-3549	3550-3559	3560-3569	3570-3579	3580-3589	3590-3599	3600-3609	3610-3619	3620-3629	3630-3639	3640-3649	3650-3659	3660-3669	3670-3679	3680-3689	3690-3699	3700-3709	3710-3719	3720-3729	3730-3739	3740-3749	3750-3759	3760-3769	3770-3779	3780-3789	3790-3799	3800-3809	3810-3819	3820-3829	3830-3839	3840-3849	3850-3859	3860-3869	3870-3879	3880-3889	3890-3899	3900-3909	3910-3919	3920-3929	3930-3939	3940-3949	3950-3959	3960-3969	3970-3979	3980-3989	3990-3999	4000-4009	4010-4019	4020-4029	4030-4039	4040-4049	4050-4059	4060-4069	4070-4079	4080-4089	4090-4099	4100-4109	4110-4119	4120-4129	4130-4139	4140-4149	4150-4159	4160-4169	4170-4179	4180-4189	4190-4199	4200-4209	4210-4219	4220-4229	4230-4239	4240-4249	4250-4259	4260-4269	4270-4279	4280-4289	4290-4299	4300-4309	4310-4319	4320-4329	4330-4339	4340-4349	4350-4359	4360-4369	4370-4379	4380-4389	4390-4399	4400-4409	4410-4419	4420-4429	4430-4439	4440-4449	4450-4459	4460-4469	4470-4479	4480-4489	4490-4499	4500-4509	4510-4519	4520-4529	4530-4539	4540-4549	4550-4559	4560-4569	4570-4579	4580-4589	4590-4599	4600-4609	4610-4619	4620-4629	4630-4639	4640-4649	4650-4659	4660-4669	4670-4679
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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 dynamited, give date, size, position, and number of shots. If pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing or shots.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM—	TO—	TOTAL FEET	FORMATION
			FORMATION

EMPLOYEES			

DATE			

TOOLS USED			

SHOOTING RECORD			

FLUIDS AND ADAPTERS			

MUDGING AND CEMENTING RECORD			

SHELL OIL COMPANY

Carson Unit 42-18
 WELL NO.

Bisti

DRILLING REPORT

FOR PERIOD ENDING

18

San Juan New Mexico

10-24-59

(SECTION OR LEASE)
 T25N R11W

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			Location: 1980' S and 660' W of NE Corner, Section 18, T25N, R11W, NMPM, San Juan County, New Mexico Elevations: DF 6419.3 GR 6411.6 KB 6420.8
10-17 to 10-18	0	2500	Spudded 4:00 P.M., 10-17-59. Ran and cemented (92') 8-5/8", 24#, J-55 casing at 101' 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.
10-19 to 10-23	2500	5085	<u>Drilled 2585'</u>
10-24	5085 TD		Ran Micro-SP log. Ran and cemented (5076') 4-1/2", 9.5#, J-55 casing at 5085' with 150 sacks cement treated with 4% gel. Displaced with oil. Final pressure 1800 psi. Rig released 12:15 P.M., 10-24-59. Check BOP daily. Mud Summary wt. 9.2-9.7#/gal. vis 45-56 sec. WL 7-8 cc FC 1-2/32" Contractor: Brinkerhoff Drilling Co. Drillers: J. Speaker E. Babcock W. Black Company Pusher: C. L. Christiansen

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

M. W. McGarry