

A blank grid paper with a small 'x' mark in the top-left corner. The grid consists of 10 columns and 8 rows. The 'x' is located in the first column and the second row from the top.

RECEIVED
OCT 27 1959
OIL CON. COM.
DIST. 3
DEPA

U. S. LAND OFFICE **Jicarilla**
SERIAL NUMBER **45p**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 25 1959

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sherman F. Wagenseller Address 170 S. Beverly Drive, Beverly Hills, Calif.
Lessor or Tract Jicarilla Field Undesignated PC State New Mexico
Well No. P-2 Sec. 18 T. 23N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N of N Line and 990 ft. E of W Line of Sec. 18 Elevation 6830

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 October 22nd, 1959 Title _____

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

Commenced drilling September 25th, 19 59 Finished drilling October 10th 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from None ----- to ----- No. 2, from ----- to ----- No. 3, from ----- to -----	No. 4, from ----- to ----- No. 5, 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—	
8-1/2	11.5	8	1935	100	It was made of material used in the making of the shoes and was used for the purpose of pulling the shoes out of the ground.	It was made of material used in the making of the shoes and was used for the purpose of pulling the shoes out of the ground.	It was made of material used in the making of the shoes and was used for the purpose of pulling the shoes out of the ground.	It was made of material used in the making of the shoes and was used for the purpose of pulling the shoes out of the ground.	It was made of material used in the making of the shoes and was used for the purpose of pulling the shoes out of the ground.
HISTORY OF OIL ON C-2 WELL									
19-23064-5 100 SOLENOID VALVE TESTING OFFICE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	107	70	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from **Surface** feet to **2450** feet, and from _____ feet to _____ feet.

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

DATES

Drilled and Abandoned October 11th -----, 19--59	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. ----- 50-sack plug 2300-24501

EMPLOYEES		33-sack plug 1100-1200'.	10-sack plug in top of 8-5/8" casing.
Benson-Montin-Greer Drilling Corp.	Driller		
	Driller		

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2250	2250	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2250	2260	10	Coal
2260	2284	24	Shale
2284	2286	2	Coal
2286	2322	36	Shale
2322	2330	8	Coal
2330	2339	9	Shale
2339	2341	2	Coal
2341	2346	5	Shale
2346	2348	2	Coal
2348	2350	2	Shale
2350	2450	100	Shale (Top of Pictured Cliffs by electric log 2350', shaled out).

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

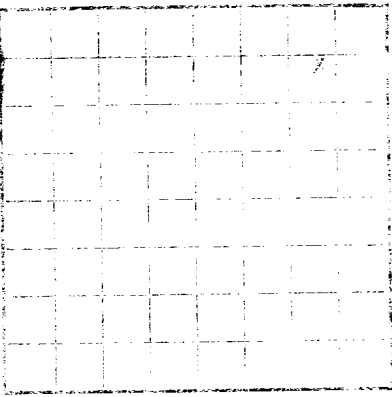
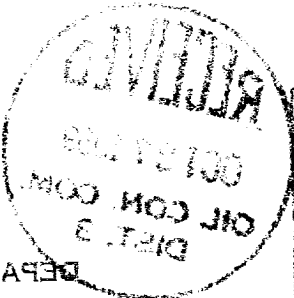
UNITED STATES

IMAGE OR PERMIT TO PROSPECT

MINERAL RIGHTS

U. S. LAND OFFICE

Approval expires 12-31-1908



LOCATE WELL CORRECTLY

Company _____
Address _____
Field _____
County _____
Location _____
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 _____
The summary on this page is for the location of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Name of oil or gas)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

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, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Date	Material	Method used	Time used	Remarks

PLUGS AND BRIDGES

Location _____
Date _____

SHOOTING RECORD

Date	Quantity	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Cast tools were used from _____ feet to _____ feet.

DATES

The production for the first 24 hours was _____ barrels of oil and _____ barrels of water; and _____ barrels of sediment.
It was well, on ft. per 24 hours _____
Block pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, °Bé _____
Put in producing _____
Barrels of fluid of which _____ was oil.

FORMATION RECORD

FORMATION	THICKNESS	DEPTH	TOTAL FEET
Gravel	250	0-250	250
Sand	100	250-350	350
Clay	50	350-400	400
Silt	25	400-425	425
Shale	100	425-525	525
Coal	10	525-535	535
Shale	100	535-635	635
Sand	50	635-685	685
Clay	25	685-710	710
Silt	10	710-720	720
Gravel	25	720-745	745
Sand	100	745-845	845
Clay	50	845-895	895
Silt	25	895-920	920
Shale	100	920-1020	1020
Coal	10	1020-1030	1030
Shale	100	1030-1130	1130
Sand	50	1130-1180	1180
Clay	25	1180-1205	1205
Silt	10	1205-1215	1215
Gravel	25	1215-1240	1240
Sand	100	1240-1340	1340
Clay	50	1340-1390	1390
Silt	25	1390-1415	1415
Shale	100	1415-1515	1515
Coal	10	1515-1525	1525
Shale	100	1525-1625	1625
Sand	50	1625-1675	1675
Clay	25	1675-1700	1700
Silt	10	1700-1710	1710
Gravel	25	1710-1735	1735
Sand	100	1735-1835	1835
Clay	50	1835-1885	1885
Silt	25	1885-1910	1910
Shale	100	1910-2010	2010
Coal	10	2010-2020	2020
Shale	100	2020-2120	2120
Sand	50	2120-2170	2170
Clay	25	2170-2195	2195
Silt	10	2195-2205	2205
Gravel	25	2205-2230	2230
Sand	100	2230-2330	2330
Clay	50	2330-2380	2380
Silt	25	2380-2405	2405
Shale	100	2405-2505	2505
Coal	10	2505-2515	2515
Shale	100	2515-2615	2615
Sand	50	2615-2665	2665
Clay	25	2665-2690	2690
Silt	10	2690-2700	2700
Gravel	25	2700-2725	2725
Sand	100	2725-2825	2825
Clay	50	2825-2875	2875
Silt	25	2875-2900	2900
Shale	100	2900-3000	3000
Coal	10	3000-3010	3010
Shale	100	3010-3110	3110
Sand	50	3110-3160	3160
Clay	25	3160-3185	3185
Silt	10	3185-3195	3195
Gravel	25	3195-3220	3220
Sand	100	3220-3320	3320
Clay	50	3320-3370	3370
Silt	25	3370-3395	3395
Shale	100	3395-3495	3495
Coal	10	3495-3505	3505
Shale	100	3505-3605	3605
Sand	50	3605-3655	3655
Clay	25	3655-3680	3680
Silt	10	3680-3690	3690
Gravel	25	3690-3715	3715
Sand	100	3715-3815	3815
Clay	50	3815-3865	3865
Silt	25	3865-3890	3890
Shale	100	3890-3990	3990
Coal	10	3990-4000	4000
Shale	100	4000-4100	4100
Sand	50	4100-4150	4150
Clay	25	4150-4175	4175
Silt	10	4175-4185	4185
Gravel	25	4185-4210	4210
Sand	100	4210-4310	4310
Clay	50	4310-4360	4360
Silt	25	4360-4385	4385
Shale	100	4385-4485	4485
Coal	10	4485-4495	4495
Shale	100	4495-4595	4595
Sand	50	4595-4645	4645
Clay	25	4645-4670	4670
Silt	10	4670-4680	4680
Gravel	25	4680-4705	4705
Sand	100	4705-4805	4805
Clay	50	4805-4855	4855
Silt	25	4855-4880	4880
Shale	100	4880-4980	4980
Coal	10	4980-4990	4990
Shale	100	4990-5090	5090
Sand	50	5090-5140	5140
Clay	25	5140-5165	5165
Silt	10	5165-5175	5175
Gravel	25	5175-5200	5200
Sand	100	5200-5300	5300
Clay	50	5300-5350	5350
Silt	25	5350-5375	5375
Shale	100	5375-5475	5475
Coal	10	5475-5485	5485
Shale	100	5485-5585	5585
Sand	50	5585-5635	5635
Clay	25	5635-5660	5660
Silt	10	5660-5670	5670
Gravel	25	5670-5695	5695
Sand	100	5695-5795	5795
Clay	50	5795-5845	5845
Silt	25	5845-5870	5870
Shale	100	5870-5970	5970
Coal	10	5970-5980	5980
Shale	100	5980-6080	6080
Sand	50	6080-6130	6130
Clay	25	6130-6155	6155
Silt	10	6155-6165	6165
Gravel	25	6165-6190	6190
Sand	100	6190-6290	6290
Clay	50	6290-6340	6340
Silt	25	6340-6365	6365
Shale	100	6365-6465	6465
Coal	10	6465-6475	6475
Shale	100	6475-6575	6575
Sand	50	6575-6625	6625
Clay	25	6625-6650	6650
Silt	10	6650-6660	6660
Gravel	25	6660-6685	6685
Sand	100	6685-6785	6785
Clay	50	6785-6835	6835
Silt	25	6835-6860	6860
Shale	100	6860-6960	6960
Coal	10	6960-6970	6970
Shale	100	6970-7070	7070
Sand	50	7070-7120	7120
Clay	25	7120-7145	7145
Silt	10	7145-7155	7155
Gravel	25	7155-7180	7180
Sand	100	7180-7280	7280
Clay	50	7280-7330	7330
Silt	25	7330-7355	7355
Shale	100	7355-7455	7455
Coal	10	7455-7465	7465
Shale	100	7465-7565	7565
Sand	50	7565-7615	7615
Clay	25	7615-7640	7640
Silt	10	7640-7650	7650
Gravel	25	7650-7675	7675
Sand	100	7675-7775	7775
Clay	50	7775-7825	7825
Silt	25	7825-7850	7850
Shale	100	7850-7950	7950
Coal	10	7950-7960	7960
Shale	100	7960-8060	8060
Sand	50	8060-8110	8110
Clay	25	8110-8135	8135
Silt	10	8135-8145	8145
Gravel	25	8145-8170	8170
Sand	100	8170-8270	8270
Clay	50	8270-8320	8320
Silt	25	8320-8345	8345
Shale	100	8345-8445	8445
Coal	10	8445-8455	8455
Shale	100	8455-8555	8555
Sand	50	8555-8605	8605
Clay	25	8605-8630	8630
Silt	10	8630-8640	8640
Gravel	25	8640-8665	8665
Sand	100	8665-8765	8765
Clay	50	8765-8815	8815
Silt	25	8815-8840	8840
Shale	100	8840-8940	8940
Coal	10	8940-8950	8950
Shale	100	8950-9050	9050
Sand	50	9050-9100	9100
Clay	25	9100-9125	9125
Silt	10	9125-9135	9135
Gravel	25	9135-9160	9160
Sand	100	9160-9260	9260
Clay	50	9260-9310	9310
Silt	25	9310-9335	9335
Shale	100	9335-9435	9435
Coal	10	9435-9445	9445
Shale	100	9445-9545	9545
Sand	50	9545-9595	9595
Clay	25	9595-9620	9620
Silt	10	9620-9630	9630
Gravel	25	9630-9655	9655
Sand	100	9655-9755	9755
Clay	50	9755-9805	9805
Silt	25	9805-9830	9830
Shale	100	9830-9930	9930
Coal	10	9930-9940	9940
Shale	100	9940-10040	10040
Sand	50	10040-10090	10090
Clay	25	10090-10115	10115
Silt	10	10115-10125	10125
Gravel	25	10125-10150	10150
Sand	100	10150-10250	10250
Clay	50	10250-10300	10300
Silt	25	10300-10325	10325
Shale	100	10325-10425	10425
Coal	10	10425-10435	10435
Shale	100	10435-10535	10535
Sand	50	10535-10585	10585
Clay	25	10585-10610	10610
Silt	10	10610-10620	10620
Gravel	25	10620-10645	10645
Sand	100	10645-10745	10745
Clay	50	10745-10795	10795
Silt	25	10795-10820	10820
Shale	100	10820-10920	10920
Coal	10	10920-10930	10930
Shale	100	10930-11030	11030
Sand	50	11030-11080	11080
Clay	25	11080-11105	11105
Silt	10	11105-11115	11115
Gravel	25	11115-11140	11140
Sand	100	11140-11240	11240
Clay	50	11240-11290	11290
Silt	25	11290-11315	11315
Shale	100	11315-11415	11415
Coal	10	11415-11425	11425
Shale	100	11425-11525	11525
Sand	50	11525-11575	11575
Clay	25	11575-11600	11600
Silt	10	11600-11610	11610
Gravel	25	11610-11635	11635
Sand	100	11635-11735	11735
Clay	50	11735-11785	11785
Silt	25	11785-11810	11810
Shale	100	11810-11910	11910
Coal	10	11910-11920	11920
Shale	100	11920-12020	12020
Sand	50	12020-12070	12070
Clay	25	12070-12095	12095
Silt	10	12095-12105	12105
Gravel	25	12105-12130	12130
Sand	100	12130-12230	12230
Clay	50	12230-12280	12280
Silt	25	12280-12305	12305
Shale	100	12305-12405	12405
Coal	10	12405-12415	12415
Shale	100	12415-12515	12515
Sand	50	12515-12565	12565
Clay	25	12565-12590	12590
Silt	10	12590-12600	12600
Gravel	25	12600-12625	12625
Sand	100	12625-12725	12725
Clay	50	12725-12775	12775
Silt	25	12775-12800	1