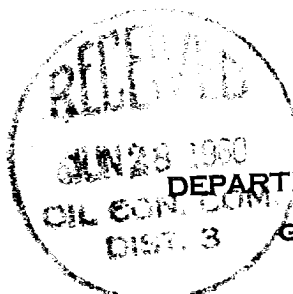


U. S. LAND OFFICE **NM-014387**
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

Form 9-330

A 10x10 grid of squares. A small black circle is located in the center of the grid, specifically in the 5th column from the left and the 5th row from the top.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEXACO Inc. Address Box 810, Farmington, N. M.

Lessor or Tract H. J. Loe Federal "B" Field Undesignated State New Mexico

Well No. 2 Sec. 23 T. 29-N R. 12-W Meridian NMPM County San Juan

Location 1850 ft. S. of N Line and 2310 ft. W. of E Line of Section 23 Elevation 5665'
(Derrick floor relative to sea level)

I, [Signature], of the well and all work done thereon

Location 1850 ft. [S.] of N Line and 234 ft. [W.] of Line of (Derrick 200 ft. relative to well)

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 [Signature]

so far as can be determined from _____
Signed _____
1000 BCL 01 3621
Date June 24, 1960 _____

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

Completed drilling April 8, 1960. Finished drilling April 27, 1960.

Sections of map were taken from 10,000 sections of mapel containing
loop. see pligs bms of 0510. (Doubt) (as by G)
No. 1 from 0510 to 0512. No. 2 from 0512 to 0514. No. 3 from 0514 to 0516. No. 4 from 0516 to 0518. No. 5 from 0518 to 0520. No. 6 from 0520 to 0522. No. 7 from 0522 to 0524. No. 8 from 0524 to 0526. No. 9 from 0526 to 0528. No. 10 from 0528 to 0530. No. 11 from 0530 to 0532. No. 12 from 0532 to 0534. No. 13 from 0534 to 0536. No. 14 from 0536 to 0538. No. 15 from 0538 to 0540. No. 16 from 0540 to 0542. No. 17 from 0542 to 0544. No. 18 from 0544 to 0546. No. 19 from 0546 to 0548. No. 20 from 0548 to 0550. No. 21 from 0550 to 0552. No. 22 from 0552 to 0554. No. 23 from 0554 to 0556. No. 24 from 0556 to 0558. No. 25 from 0558 to 0560. No. 26 from 0560 to 0562. No. 27 from 0562 to 0564. No. 28 from 0564 to 0566. No. 29 from 0566 to 0568. No. 30 from 0568 to 0570. No. 31 from 0570 to 0572. No. 32 from 0572 to 0574. No. 33 from 0574 to 0576. No. 34 from 0576 to 0578. No. 35 from 0578 to 0580. No. 36 from 0580 to 0582. No. 37 from 0582 to 0584. No. 38 from 0584 to 0586. No. 39 from 0586 to 0588. No. 40 from 0588 to 0590. No. 41 from 0590 to 0592. No. 42 from 0592 to 0594. No. 43 from 0594 to 0596. No. 44 from 0596 to 0598. No. 45 from 0598 to 0600. No. 46 from 0600 to 0602. No. 47 from 0602 to 0604. No. 48 from 0604 to 0606. No. 49 from 0606 to 0608. No. 50 from 0608 to 0610. No. 51 from 0610 to 0612. No. 52 from 0612 to 0614. No. 53 from 0614 to 0616. No. 54 from 0616 to 0618. No. 55 from 0618 to 0620. No. 56 from 0620 to 0622. No. 57 from 0622 to 0624. No. 58 from 0624 to 0626. No. 59 from 0626 to 0628. No. 60 from 0628 to 0630. No. 61 from 0630 to 0632. No. 62 from 0632 to 0634. No. 63 from 0634 to 0636. No. 64 from 0636 to 0638. No. 65 from 0638 to 0640. No. 66 from 0640 to 0642. No. 67 from 0642 to 0644. No. 68 from 0644 to 0646. No. 69 from 0646 to 0648. No. 70 from 0648 to 0650. No. 71 from 0650 to 0652. No. 72 from 0652 to 0654. No. 73 from 0654 to 0656. No. 74 from 0656 to 0658. No. 75 from 0658 to 0660. No. 76 from 0660 to 0662. No. 77 from 0662 to 0664. No. 78 from 0664 to 0666. No. 79 from 0666 to 0668. No. 80 from 0668 to 0670. No. 81 from 0670 to 0672. No. 82 from 0672 to 0674. No. 83 from 0674 to 0676. No. 84 from 0676 to 0678. No. 85 from 0678 to 0680. No. 86 from 0680 to 0682. No. 87 from 0682 to 0684. No. 88 from 0684 to 0686. No. 89 from 0686 to 0688. No. 90 from 0688 to 0690. No. 91 from 0690 to 0692. No. 92 from 0692 to 0694. No. 93 from 0694 to 0696. No. 94 from 0696 to 0698. No. 95 from 0698 to 0700. No. 96 from 0700 to 0702. No. 97 from 0702 to 0704. No. 98 from 0704 to 0706. No. 99 from 0706 to 0708. No. 100 from 0708 to 0710. No. 101 from 0710 to 0712. No. 102 from 0712 to 0714. No. 103 from 0714 to 0716. No. 104 from 0716 to 0718. No. 105 from 0718 to 0720. No. 106 from 0720 to 0722. No. 107 from 0722 to 0724. No. 108 from 0724 to 0726. No. 109 from 0726 to 0728. No. 110 from 0728 to 0730. No. 111 from 0730 to 0732. No. 112 from 0732 to 0734. No. 113 from 0734 to 0736. No. 114 from 0736 to 0738. No. 115 from 0738 to 0740. No. 116 from 0740 to 0742. No. 117 from 0742 to 0744. No. 118 from 0744 to 0746. No. 119 from 0746 to 0748. No. 120 from 0748 to 0750. No. 121 from 0750 to 0752. No. 122 from 0752 to 0754. No. 123 from 0754 to 0756. No. 124 from 0756 to 0758. No. 125 from 0758 to 0760. No. 126 from 0760 to 0762. No. 127 from 0762 to 0764. No. 128 from 0764 to 0766. No. 129 from 0766 to 0768. No. 130 from 0768 to 0770. No. 131 from 0770 to 0772. No. 132 from 0772 to 0774. No. 133 from 0774 to 0776. No. 134 from 0776 to 0778. No. 135 from 0778 to 0780. No. 136 from 0780 to 0782. No. 137 from 0782 to 0784. No. 138 from 0784 to 0786. No. 139 from 0786 to 0788. No. 140 from 0788 to 0790. No. 141 from 0790 to 0792. No. 142 from 0792 to 0794. No. 143 from 0794 to 0796. No. 144 from 0796 to 0798. No. 145 from 0798 to 0800. No. 146 from 0800 to 0802. No. 147 from 0802 to 0804. No. 148 from 0804 to 0806. No. 149 from 0806 to 0808. No. 150 from 0808 to 0810. No. 151 from 0810 to 0812. No. 152 from 0812 to 0814. No. 153 from 0814 to 0816. No. 154 from 0816 to 0818. No. 155 from 0818 to 0820. No. 156 from 0820 to 0822. No. 157 from 0822 to 0824. No. 158 from 0824 to 0826. No. 159 from 0826 to 0828. No. 160 from 0828 to 0830. No. 161 from 0830 to 0832. No. 162 from 0832 to 0834. No. 163 from 0834 to 0836. No. 164 from 0836 to 0838. No. 165 from 0838 to 0840. No. 166 from 0840 to 0842. No. 167 from 0842 to 0844. No. 168 from 0844 to 0846. No. 169 from 0846 to 0848. No. 170 from 0848 to 0850. No. 171 from 0850 to 0852. No. 172 from 0852 to 0854. No. 173 from 0854 to 0856. No. 174 from 0856 to 0858. No. 175 from 0858 to 0860. No. 176 from 0860 to 0862. No. 177 from 0862 to 0864. No. 178 from 0864 to 0866. No. 179 from 0866 to 0868. No. 180 from 0868 to 0870. No. 181 from 0870 to 0872. No. 182 from 0872 to 0874. No. 183 from 0874 to 0876. No. 184 from 0876 to 0878. No. 185 from 0878 to 0880. No. 186 from 0880 to 0882. No. 187 from 0882 to 0884. No. 188 from 0884 to 0886. No. 189 from 0886 to 0888. No. 190 from 0888 to 0890. No. 191 from 0890 to 0892. No. 192 from 0892 to 0894. No. 193 from 0894 to 0896. No. 194 from 0896 to 0898. No. 195 from 0898 to 0900. No. 196 from 0900 to 0902. No. 197 from 0902 to 0904. No. 198 from 0904 to 0906. No. 199 from 0906 to 0908. No. 200 from 0908 to 0910. No. 201 from 0910 to 0912. No. 202 from 0912 to 0914. No. 203 from 0914 to 0916. No. 204 from 0916 to 0918. No. 205 from 0918 to 0920. No. 206 from 0920 to 0922. No. 207 from 0922 to 0924. No. 208 from 0924 to 0926. No. 209 from 0926 to 0928. No. 210 from 0928 to 0930. No. 211 from 0930 to 0932. No. 212 from 0932 to 0934. No. 213 from 0934 to 0936. No. 214 from 0936 to 0938. No. 215 from 0938 to 0940. No. 216 from 0940 to 0942. No. 217 from 0942 to 0944. No. 218 from 0944 to 0946. No. 219 from 0946 to

CASING RECORD

CASING RECORD							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
13-3/8	40	8R	Smith	277	Baker	None			
5-1/2	44	8R	Smith	5500	Baker	None			
5-1/2	45.5	8R	Smith	918	Baker	None			

MUDDING AND CEMENTING RECORD

MUDGING AND CEMENTING					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	289	300	Halliburton		
5-1/2	6408	550	Halliburton		

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material None Length -- Depth set --

Adapters—Material None Size --

HOISTING RECORD

SHOOTING RECORD

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

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 6418 feet, and from -- feet to -- feet

Cable tools were used from None feet to -- feet, and from -- feet to -- feet

DATES

DATES

DATE		Tested	May 24	19 60
-----, 19-----		Put to producing		
The production for the first 24 hours was -----		barrels of fluid of which -----	% was oil; -----	%
emulsion; ----- % water; and ----- % sediment.		Gravity, °Bé. -----		
		li. 1,000 cu. ft. of gas	2 71	(E)

If gas well, cu. ft. per 24 hours 20,992 MCF Gallons gasoline per 1,000 cu. ft. of gas 2.71 (Est.)
 Rock pressure, lbs. per sq. in. 2064 Well produced 13 bbls of distillate
 per 1,000 MCF of gas.

EMPLOYEES

EMPLOYEES

D. L. Sherwood -----	Driller	F. O. Chambers -----	Driller
J. D. Loden -----	Driller	-----	Driller

OPERATION RECORD

FORMATION RECORD

FORMATION RECORD					
FROM—	TO—	TOTAL FEET	FORMATION		
0	60	60	Sand & Boulders		
60	254	204	Shale TO, spore bloomq		
264	325	61	Sand & Boulders		
325	3013	2688	Sand & Shale		
3013	3088	75	Shale		
3088	4637	1549	Sand & Shale	0-3% - 11-TM.	
4637	5409	772	Shale	0-5% - 11-TM.	
5409	5515	106	Shale & Sand		
5515	5602	87	Shale	NOTE RISE	
5602	6162	560	Shale & Sand		
6162	6170	8	Shale		
6170	6246	76	Sand & Shale	coba sa del ET	
6246	6291	45	Sand		
6291	6351	60	Sand & Shale		STIO-
6351	6412	61	Sand		2300-
Total Depth	6412'		MUDGOS		1010-
Plugged Back Depth			CITIL MONEE		3530-
			DIPLOED CIVILE		1000-
			KALIPLENG		211-
			CORAVLION 1062		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

DATE WELL CORRECTLY

[illegible]

After drilling well to a total depth of 6412', and cementing 5-1/2" casing, top of cement plug was found to be at 6346' (F.B.T.D.). Perforated 5-1/2" casing from 6300 to 6346', with 4 jet shots per foot. Treated perforations with 10,000 gallons of water, containing 5-1/2" casing from 6244' to 6278', with 3 bullets per foot. Treated perforations with 30,000 gallons of water containing 30,000# of sand. Set bridge plug at 6266', and perforated 5-1/2" casing from 6170' to 6179', with 3 bullets per foot. Set bridge plug at 6220' and treated perforations with 500 gallons of mud acid followed by 10,000 gallons of water containing 10,000# of sand. After blowing well to clean-up sand and water, well shut in for 1 day and before testing. On test well tested at the rate of 20,000 MCF of gas per day with 13 barrels of distillate per 1,000 MCF of gas.

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. Changes 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 piers 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

[illegible]