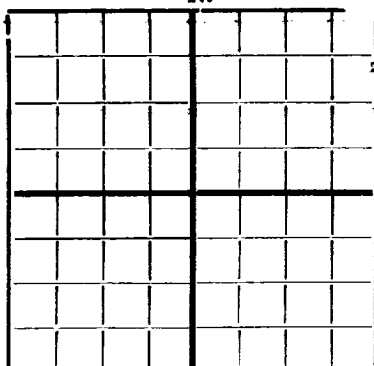


N.



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO LAND OFFICE  
SANTA FE, NEW MEXICO

## DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES  
Socorro, New Mexico

## WELL RECORD

Mail to State Geologist, Socorro, New Mexico, not more than ten days  
after completion of well. Indicate questionable data by fol-  
lowing it with (?). Submit in duplicate.

Company CRANFILL-REYNOLDS Address HOUSTON TEXAS  
Send correspondence to SAME Address Box 1760, HOUSTON, TEXAS  
STATE "T" Well No. 1 in SW 1/4 of Sec. 18, T. 23-S,  
R. 512, N. M. P. M., Oil Field \_\_\_\_\_ County \_\_\_\_\_  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
The lessee is \_\_\_\_\_, Address \_\_\_\_\_  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced January 6th 19 30 Drilling was completed May 6th 19 30  
Name of drilling contractor \_\_\_\_\_, Address \_\_\_\_\_  
Elevation above sea level at top of casing \_\_\_\_\_ feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 3695 to 3605 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3705 to 3705 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3717 to 3730 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 695 to 765 No. 3, from 3950 to 3985  
No. 2, from 3880 to 3885 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>10-5/8</u>	<u>87.5</u>	<u>8</u>	<u>Int'l</u>	<u>222'4"</u>	<u>T.P.</u>	<u>180'1"</u>			
<u>10-1/2</u>	<u>70</u>	<u>8</u>	<u>Int'l</u>	<u>505'2"</u>	<u>T.P.</u>	<u>505'2"</u>			
<u>10-1/2</u>	<u>50</u>	<u>8</u>	<u>Int'l</u>	<u>1059'10"</u>	<u>T.P.</u>	<u>1059'10"</u>			
<u>10</u>	<u>40</u>	<u>8</u>	<u>Int'l</u>	<u>1442'10"</u>	<u>T.P.</u>	<u>---</u>			
<u>8-1/4</u>	<u>32</u>	<u>8</u>	<u>Spring</u>	<u>3159'11"</u>	<u>T.P.</u>	<u>---</u>			

## MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10"</u>	<u>1739'</u>	<u>50 SX 20 Gal Kennet</u>	<u>Halliburton</u>		
<u>8"</u>	<u>3424'</u>	<u>150 20 Gal Kennet</u>	<u>Halliburton</u>		

Bridged with rock from 3705-3730-3735-3740-3745-3750-3755-3760-3765-3770-3775-3780-3785-3790-3795-3800-3805-3810-3815-3820-3825-3830-3835-3840-3845-3850-3855-3860-3865-3870-3875-3880-3885-3890-3895-3900-3905-3910-3915-3920-3925-3930-3935-3940-3945-3950-3955-3960-3965-3970-3975-3980-3985-3990-3995-4000-4005-4010-4015-4020-4025-4030-4035-4040-4045-4050-4055-4060-4065-4070-4075-4080-4085-4090-4095-4100-4105-4110-4115-4120-4125-4130-4135-4140-4145-4150-4155-4160-4165-4170-4175-4180-4185-4190-4195-4200-4205-4210-4215-4220-4225-4230-4235-4240-4245-4250-4255-4260-4265-4270-4275-4280-4285-4290-4295-4300-4305-4310-4315-4320-4325-4330-4335-4340-4345-4350-4355-4360-4365-4370-4375-4380-4385-4390-4395-4400-4405-4410-4415-4420-4425-4430-4435-4440-4445-4450-4455-4460-4465-4470-4475-4480-4485-4490-4495-4500-4505-4510-4515-4520-4525-4530-4535-4540-4545-4550-4555-4560-4565-4570-4575-4580-4585-4590-4595-4600-4605-4610-4615-4620-4625-4630-4635-4640-4645-4650-4655-4660-4665-4670-4675-4680-4685-4690-4695-4700-4705-4710-4715-4720-4725-4730-4735-4740-4745-4750-4755-4760-4765-4770-4775-4780-4785-4790-4795-4800-4805-4810-4815-4820-4825-4830-4835-4840-4845-4850-4855-4860-4865-4870-4875-4880-4885-4890-4895-4900-4905-4910-4915-4920-4925-4930-4935-4940-4945-4950-4955-4960-4965-4970-4975-4980-4985-4990-4995-5000-5005-5010-5015-5020-5025-5030-5035-5040-5045-5050-5055-5060-5065-5070-5075-5080-5085-5090-5095-5100-5105-5110-5115-5120-5125-5130-5135-5140-5145-5150-5155-5160-5165-5170-5175-5180-5185-5190-5195-5200-5205-5210-5215-5220-5225-5230-5235-5240-5245-5250-5255-5260-5265-5270-5275-5280-5285-5290-5295-5300-5305-5310-5315-5320-5325-5330-5335-5340-5345-5350-5355-5360-5365-5370-5375-5380-5385-5390-5395-5400-5405-5410-5415-5420-5425-5430-5435-5440-5445-5450-5455-5460-5465-5470-5475-5480-5485-5490-5495-5500-5505-5510-5515-5520-5525-5530-5535-5540-5545-5550-5555-5560-5565-5570-5575-5580-5585-5590-5595-5600-5605-5610-5615-5620-5625-5630-5635-5640-5645-5650-5655-5660-5665-5670-5675-5680-5685-5690-5695-5700-5705-5710-5715-5720-5725-5730-5735-5740-5745-5750-5755-5760-5765-5770-5775-5780-5785-5790-5795-5800-5805-5810-5815-5820-5825-5830-5835-5840-5845-5850-5855-5860-5865-5870-5875-5880-5885-5890-5895-5900-5905-5910-5915-5920-5925-5930-5935-5940-5945-5950-5955-5960-5965-5970-5975-5980-5985-5990-5995-6000-6005-6010-6015-6020-6025-6030-6035-6040-6045-6050-6055-6060-6065-6070-6075-6080-6085-6090-6095-6100-6105-6110-6115-6120-6125-6130-6135-6140-6145-6150-6155-6160-6165-6170-6175-6180-6185-6190-6195-6200-6205-6210-6215-6220-6225-6230-6235-6240-6245-6250-6255-6260-6265-6270-6275-6280-6285-6290-6295-6300-6305-6310-6315-6320-6325-6330-6335-6340-6345-6350-6355-6360-6365-6370-6375-6380-6385-6390-6395-6400-6405-6410-6415-6420-6425-6430-6435-6440-6445-6450-6455-6460-6465-6470-6475-6480-6485-6490-6495-6500-6505-6510-6515-6520-6525-6530-6535-6540-6545-6550-6555-6560-6565-6570-6575-6580-6585-6590-6595-6600-6605-6610-6615-6620-6625-6630-6635-6640-6645-6650-6655-6660-6665-6670-6675-6680-6685-6690-6695-6700-6705-6710-6715-6720-6725-6730-6735-6740-6745-6750-6755-6760-6765-6770-6775-6780-6785-6790-6795-6800-6805-6810-6815-6820-6825-6830-6835-6840-6845-6850-6855-6860-6865-6870-6875-6880-6885-6890-6895-6900-6905-6910-6915-6920-6925-6930-6935-6940-6945-6950-6955-6960-6965-6970-6975-6980-6985-6990-6995-7000-7005-7010-7015-7020-7025-7030-7035-7040-7045-7050-7055-7060-7065-7070-7075-7080-7085-7090-7095-7100-7105-7110-7115-7120-7125-7130-7135-7140-7145-7150-7155-7160-7165-7170-7175-7180-7185-7190-7195-7200-7205-7210-7215-7220-7225-7230-7235-7240-7245-7250-7255-7260-7265-7270-7275-7280-7285-7290-7295-7300-7305-7310-7315-7320-7325-7330-7335-7340-7345-7350-7355-7360-7365-7370-7375-7380-7385-7390-7395-7400-7405-7410-7415-7420-7425-7430-7435-7440-7445-7450-7455-7460-7465-7470-7475-7480-7485-7490-7495-7500-7505-7510-7515-7520-7525-7530-7535-7540-7545-7550-7555-7560-7565-7570-7575-7580-7585-7590-7595-7600-7605-7610-7615-7620-7625-7630-7635-7640-7645-7650-7655-7660-7665-7670-7675-7680-7685-7690-7695-7700-7705-7710-7715-7720-7725-7730-7735-7740-7745-7750-7755-7760-7765-7770-7775-7780-7785-7790-7795-7800-7805-7810-7815-7820-7825-7830-7835-7840-7845-7850-7855-7860-7865-7870-7875-7880-7885-7890-7895-7900-7905-7910-7915-7920-7925-7930-7935-7940-7945-7950-7955-7960-7965-7970-7975-7980-7985-7990-7995-8000-8005-8010-8015-8020-8025-8030-8035-8040-8045-8050-8055-8060-8065-8070-8075-8080-8085-8090-8095-8100-8105-8110-8115-8120-8125-8130-8135-8140-8145-8150-8155-8160-8165-8170-8175-8180-8185-8190-8195-8200-8205-8210-8215-8220-8225-8230-8235-8240-8245-8250-8255-8260-8265-8270-8275-8280-8285-8290-8295-8300-8305-8310-8315-8320-8325-8330-8335-8340-8345-8350-8355-8360-8365-8370-8375-8380-8385-8390-8395-8400-8405-8410-8415-8420-8425-8430-8435-8440-8445-8450-8455-8460-8465-8470-8475-8480-8485-8490-8495-8500-8505-8510-8515-8520-8525-8530-8535-8540-8545-8550-8555-8560-8565-8570-8575-8580-8585-8590-8595-8600-8605-8610-8615-8620-8625-8630-8635-8640-8645-8650-8655-8660-8665-8670-8675-8680-8685-8690-8695-8700-8705-8710-8715-8720-8725-8730-8735-8740-8745-8750-8755-8760-8765-8770-8775-8780-8785-8790-8795-8800-8805-8810-8815-8820-8825-8830-8835-8840-8845-8850-8855-8860-8865-8870-8875-8880-8885-8890-8895-8900-8905-8910-8915-8920-8925-8930-8935-8940-8945-8950-8955-8960-8965-8970-8975-8980-8985-8990-8995-9000-9005-9010-9015-9020-9025-9030-9035-9040-9045-9050-9055-9060-9065-9070-9075-9080-9085-9090-9095-9100-9105-9110-9115-9120-9125-9130-9135-9140-9145-9150-9155-9160-9165-9170-9175-9180-9185-9190-9195-9200-9205-9210-9215-9220-9225-9230-9235-9240-9245-9250-9255-9260-9265-9270-9275-9280-9285-9290-9295-9300-9305-9310-9315-9320-9325-9330-9335-9340-9345-9350-9355-9360-9365-9370-9375-9380-9385-9390-9395-9400-9405-9410-9415-9420-9425-9430-9435-9440-9445-9450-9455-9460-9465-9470-9475-9480-9485-9490-9495-9500-9505-9510-9515-9520-9525-9530-9535-9540-9545-9550-9555-9560-9565-9570-9575-9580-9585-9590-9595-9600-9605-9610-9615-9620-9625-9630-9635-9640-9645-9650-9655-9660-9665-9670-9675-9680-9685-9690-9695-9700-9705-9710-9715-9720-9725-9730-9735-9740-9745-9750-9755-9760-9765-9770-9775-9780-9785-9790-9795-9800-9805-9810-9815-9820-9825-9830-9835-9840-9845-9850-9855-9860-9865-9870-9875-9880-9885-9890-9895-9900-9905-9910-9915-9920-9925-9930-9935-9940-9945-9950-9955-9960-9965-9970-9975-9980-9985-9990-9995-10000-10005-10010-10015-10020-10025-10030-10035-10040-10045-10050-10055-10060-10065-10070-10075-10080-10085-10090-10095-10100-10105-10110-10115-10120-10125-10130-10135-10140-10145-10150-10155-10160-10165-10170-10175-10180-10185-10190-10195-10200-10205-10210-10215-10220-10225-10230-10235-10240-10245-10250-10255-10260-10265-10270-10275-10280-10285-10290-10295-10300-10305-10310-10315-10320-10325-10330-10335-10340-10345-10350-10355-10360-10365-10370-10375-10380-10385-10390-10395-10400-10405-10410-10415-10420-10425-10430-10435-10440-10445-10450-10455-10460-10465-10470-10475-10480-10485-10490-10495-10500-10505-10510-10515-10520-10525-10530-10535-10540-10545-10550-10555-10560-10565-10570-10575-10580-10585-10590-10595-10600-10605-10610-10615-10620-10625-10630-10635-10640-10645-10650-10655-10660-10665-10670-10675-10680-10685-10690-10695-10700-10705-10710-10715-10720-10725-10730-10735-10740-10745-10750-10755-10760-10765-10770-10775-10780-10785-10790-10795-10800-10805-10810-10815-10820-10825-10830-10835-10840-10845-10850-10855-10860-10865-10870-10875-10880-10885-10890-10895-10900-10905-10910-10915-10920-10925-10930-10935-10940-10945-10950-10955-10960-10965-10970-10975-10980-10985-10990-10995-11000-11005-11010-11015-11020-11025-11030-11035-11040-11045-11050-11055-11060-11065-11070-11075-11080-11085-11090-11095-11100-11105-11110-11115-11120-11125-11130-11135-11140-11145-11150-11155-11160-11165-11170-11175-11180-11185-11190-11195-11200-11205-11210-11215-11220-11225-11230-11235-11240-11245-11250-11255-11260-11265-11270-11275-11280-11285-11290-11295-11300-11305-11310-11315-11320-11325-11330-11335-11340-11345-11350-11355-11360-11365-11370-11375-11380-11385-11390-11395-11400-11405-11410-11415-11420-11425-11430-11435-11440-11445-11450-11455-11460-11465-11470-11475-11480-11485-11490-11495-11500-11505-11510-11515-11520-11525-11530-11535-11540-11545-11550-11555-11560-11565-11570-11575-11580-11585-11590-11595-11600-11605-11610-11615-11620-11625-11630-11635-11640-11645-11650-11655-11660-11665-11670-11675-11680-11685-11690-11695-11700-11705-11710-11715-11720-11725-11730-11735-11740-11745-11750-11755-11760-11765-11770-11775-11780-11785-11790-11795-11800-11805-11810-11815-11820-11825-11830-11835-11840-11845-11850-11855-11860-11865-11870-11875-11880-11885-11890-11895-11900-11905-11910-11915-11920-11925-11930-11935-11940-11945-11950-11955-11960-11965-11970-11975-11980-11985-11990-11995-12000-12005-12010-12015-12020-12025-12030-12035-12040-12045-12050-12055-12060-12065-12070-12075-12080-12085-12090-12095-12100-12105-12110-12115-12120-12125-12130-12135-12140-12145-12150-12155-12160-12165-12170-12175-12180-12185-12190-12195-12200-12205-12210-12215-12220-12225-12230-12235-12240-12245-12250-12255-12260-12265-12270-12275-12280-12285-12290-12295-12300-12305-12310-12315-12320-12325-12330-12335-12340-12345-12350-12355-12360-12365-12370-12375-12380-12385-12390-12395-12400-12405-12410-12415-12420-12425-12430-12435-12440-12445-12450-12455-12460-12465-12470-12475-12480-12485-12490-12495-12500-12505-12510-12515-12520-12525-12530-12535-12540-12545-12550-12555-12560-12565-12570-12575-12580-12585-12590-12595-12600-12605-12610-12615-12620-12625-12630-12635-12640-12645-12650-12655-12660-12665-12670-12675-12680-12685-12690-12695-12700-12705-12710-12715-12720-12725-12730-12735-12740-12745-12750-12755-12760-12765-12770-12775-12780-12785-12790-12795-12800-12805-12810-12815-12820-12825-12830-12835-12840-12845-12850-12855-12860-12865-12870-12875-12880-12885-12890-12895-12900-12905-12910-12915-12920-12925-12930-12935-12940-12945-12950-12955-12960-12965-12970-12975-12980-12985-12990-12995-13000-13005-13010-13015-13020-13025-13030-13035-13040-13045-13050-13055-13060-13065-13070-13075-13080-13085-13090-13095-13100-13105-13110-13115-13120-13125-13130-13135-13140-13145-13150-13155-13160-13165-13170-13175-13180-13185-13190-13195-13200-13205-13210-13215-13220-13225-13230-13235-13240-13245-13250-13255-13260-13265-13270-13275-13280-13285-13290-132

## FORMATION RECORD

From	to	Thickness in Feet	Formation
0	288		Sand
288	290		Sand and Shale-Caving at 135'
290	290		Red Bed
290	425		Sand and Shale
425	445		Red Bed-- Caving at 425'
445	470		Sandy Shale
470	590		Red Bed
590	610		Sandy Shale
610	690		Red Bed
690	695		Sandy Shale
695	745		Hard Sand
745	775		Water Sand--Hole full water
775	795		Blue Shale
795	805		Sandy Shale
805	825		Blue Shale
825	840		Red Bed
840	855		Sandy Shale
855	1025		Sand
1025	1220		Red Bed
1220	1225		Red Rock
1225	1230		Red Bed
1230	1420		Anhydrite
1420	1442		Salt and Potash
1442	1450		Anhydrite
1450	1455		Anhydrite, Lime and Sand
1455	1455		Anhydrite and Salt--TOP SALT 1455'
1455	1520		Salt
1520	1525		Anhydrite
1525	1535		Brown Shale
1535	1540		Red Bed and Salt
1540	1570		Salt
1570	1590		Anhydrite
1590	1700		Salt and Potash
1700	1735		Red Bed
1735	1840		Salt and Potash
1840	1855		Salt
1855	1930		Anhydrite
1930	1930		Shale and Salt
1930	1935		Salt and Potash
1935	1945		Salt
1945	1990		Anhydrite
1990	2010		Anhydrite and Potash
2010	2040		Salt
2040	2075		Salt and Potash
2075	2110		Salt
2110	2120		Anhydrite
2120	2220		Salt and Potash
2220	2310		Salt
2310	2340		Anhydrite
2340	2370		Salt and Potash
2370	2390		Anhydrite
2390	2400		Salt
2400	2450		Salt and Potash
2450	2500		Salt
2500	2535		Salt and Potash
2535	2535		Anhydrite
2535	2700		Salt
2700	2725		Salt and Potash
2725	2745		Anhydrite and Potash
2745	2770		Anhydrite
2770	2775		Salt
2775	2805		Anhydrite and Potash
2805	2815		Salt
2815	2845		Salt and Potash
2845	2875		Anhydrite
2875	3100		Salt
3100	3120		Anhydrite
3120	3125		Salt
3125	3145		Anhydrite
3145	3154		Lime-----Lime Top 3145'
3154	3275		Broken Lime
3275	3282		Broken Lime
3282	3294		Sand --Showing Gas
3294	3300		Lime
3300	3305		Broken Lime
3305	3315		Grey Lime
3315	3325		Lime Est. 2 Million Gas 3325' ✓
3325	3330		Broken Sand
3330	3340		Sand
3340	3357		Grey Lime
3357	3364		Hard Sand --11 Million Gas 3364'
3364	3375		Lime and Sand
3375	3380		Sandy Lime
3380	3390		Hard Sand
3390	3416		Grey Lime
3416	3419		Sandy Lime --Show Gas 4 million ✓
3419	3422		Lime
3422	3425		Blue Shale Inc. Gas
3425	3450		Lime
3450	3445		Grey Lime 10 Million Gas 3440' ✓
3445	3450		Brown Lime
3450	3510		Hard Grey Lime
3510	3518		Soft Sand
3518	3535		Sandy Lime
3535	3550		Grey Lime--Reduced Hole to 6-5/8"
3550	3595		White Lime
3595	3605		Hard White Lime
3605	3625		Brown Lime
3625	3635		Soft Brown Lime
3635	3650		Sandy Lime
3650	3660		Hard Grey Lime
3660	3704		White Lime
3704	3730		Hard Grey Lime
3730	3732		Soft Sand
3732	3745		Sand
3745	3750		Sandy Lime
3750	3820		Hard White Lime
3820	3825		White Sand
3825	3845		Hard White Lime 3820 3820 Sandy Lime
3845	3851		Sandy Lime 3950 3952 Soft Grey Lime-
3851	3881		Sand Sulphur water flow-
3881	3904		Sandy Lime
3904	3912		Sandy Lime