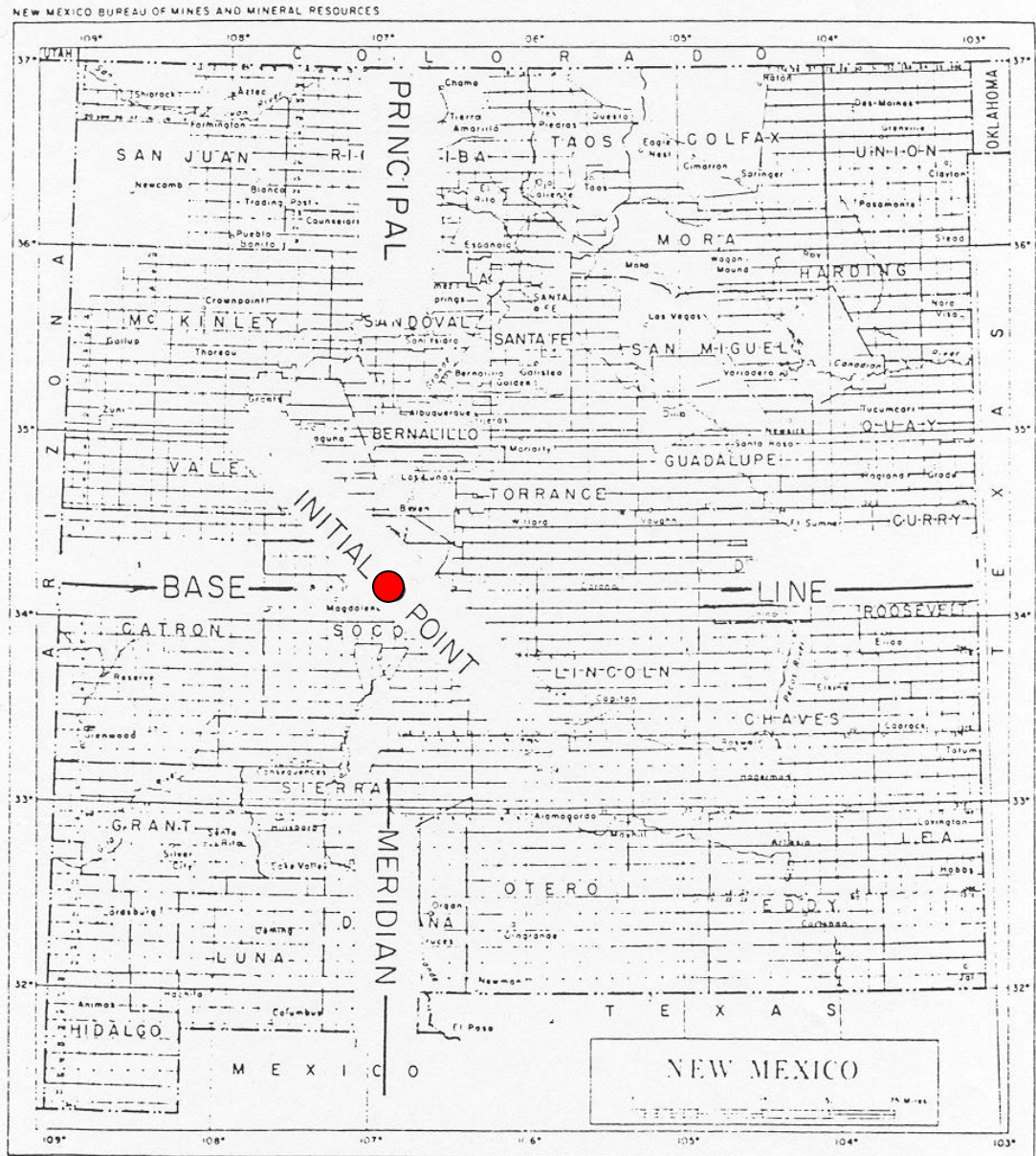


# Formation Evaluation Lab- Well Posting



Principal meridian and base line in New Mexico



# Formation Evaluation Lab- Well Posting

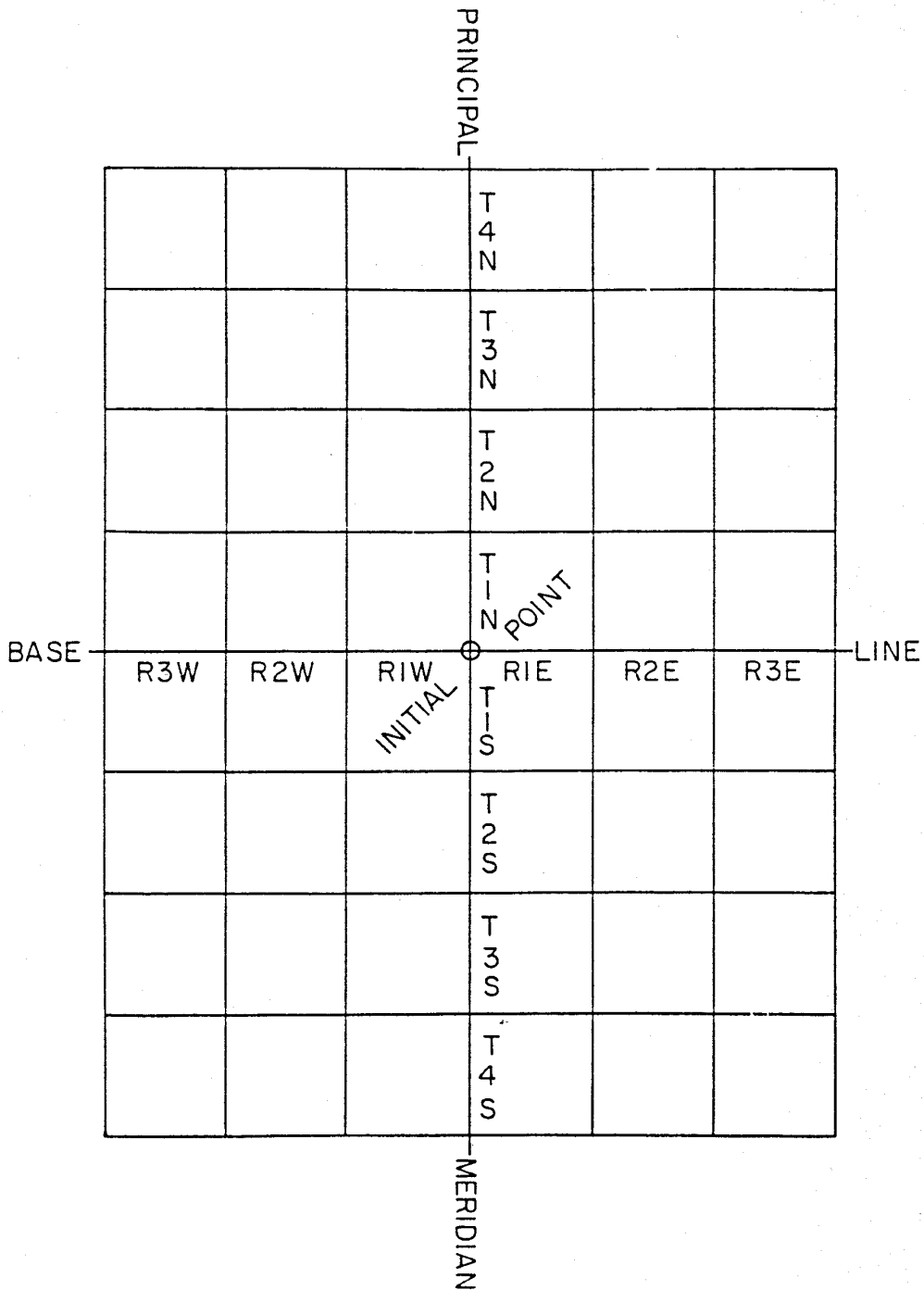


Illustration of block locations

# Formation Evaluation Lab- Well Posting

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

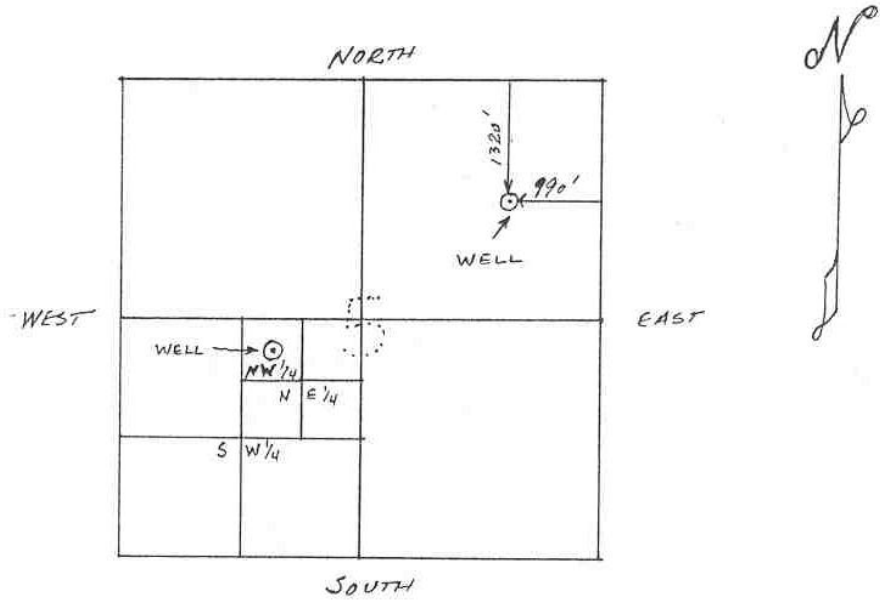
A

NW NW	NE NW	NW NE	NE NE
NW		NE	
4	4	4	4
SW NW	SE NW	SW NE	SE NE
B		B	
NW SW	NE SW	NW SE	NE SE
SW		SE	
4	4	4	4
SW SW	SE SW	SW SE	SE SE

B

Sections in a block and quarter-quarter-quarters in a section.

# Formation Evaluation Lab- Well Posting



List the well location in two ways.

# Formation Evaluation Lab- Well Posting

WELL WILDCAT		STATE N. DAKOTA	90
COMPANY Amerade Pet. Corp. #1		J.T. Caudle	ELEV. 4256
LOC. 1980 FHL & 660 FKL (c Sec NE) Sec. 10, T. 18S, R. 33E			
ACID OR SHOT	CASING RECORD	TOPS	
Acid: 6000 gals.	13 5/8 - 309 -175	T.A.	1660
	8 5/8 - 3925-1500	T.S.	1780
	5 1/2 - 9522-500	B.S.	2370
		T. Yates	2470
		T. Rd Bd of	3145
		T.S. Add	3770
		T.O F	5630
		T. Abo	7310
		SEE REMARKS	
		TP	9001
		TD	11083L
		PSD	9045
			9. 3177 + 1079
SPO. 3-23-49	COMP. 6-1-49		
I. P. 7 285 90/24 hrs thru 1" ch on 2 3/8" @ 9021			
GR. 46.8 BDR 1179 TP 100 CP pkr 893			
REMARKS CONT'D PAGE 2			

Scout card example.

# Formation Evaluation Lab- Well Posting

**① SERVICE CO. AND LOG NAME**

<b>③</b>	COMPANY _____
	WELL _____ <b>②</b>
	FIELD _____
COUNTY _____ STATE _____	
Location _____ <b>④</b>	Other Services: _____ <b>⑤</b>
Sec. _____ Twp. _____ Rge. _____	

Permanent Datum: _____ <b>⑥</b> , Elev. _____	Elev.: K.B. _____
Log Measured From _____ <b>⑦</b> Ft. Above Perm. Datum	D.F. _____ <b>⑨</b>
Drilling Measured From _____ <b>⑧</b>	G.L. _____

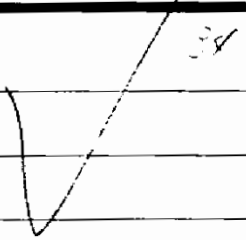
Date									
Run No.	<b>⑩</b>								
Depth—Driller	<b>⑪</b>								
Depth—Logger									
Btm. Log Inter.	<b>⑫</b>								
Top Log Inter.									
Casing—Driller	<b>⑬</b>	@	@	@	@				
Casing—Logger									
Bit Size	<b>⑭</b>								
Type Fluid in Hole									
Dens.   Visc.	<b>⑮</b>								
pH   Fluid Loss		ml	ml	ml	ml				
Source of Sample	<b>⑯</b>								
R <sub>m</sub> @ Meas. Temp.	<b>⑰</b>	@	°F	@	°F	@	°F	@	°F
R <sub>mt</sub> @ Meas. Temp.		@	°F	@	°F	@	°F	@	°F
R <sub>mc</sub> @ Meas. Temp.		@	°F	@	°F	@	°F	@	°F
Source: R <sub>mt</sub> R <sub>mc</sub>	<b>⑱</b>								
R <sub>m</sub> @ BHT	<b>⑲</b>	@	°F	@	°F	@	°F	@	°F
Time Since Circ.	<b>⑳</b>								
Max. Rec. Temp.	<b>㉑</b>	°F	°F	°F	°F				
Equip.   Location	<b>㉒</b>								
Recorded By									
Witnessed By	<b>㉓</b>								

8 1/2 to 9 in.

This Heading and Log Conform To API RP 81 #  
  
 Fold Here

**Schlumberger**

**DUAL INDUCTION - LATEROLOG  
WITH LINEAR CORRELATION LOG**

COUNTY FIELD or LOCATION WELL	MCKINLEY WILDCAT FEDERAL 15 #1	COMPANY DOME PETROLEUM CORP.	COMPANY <u>DOME PETROLEUM CORP.</u>
WELL <u>FEDERAL 15 NO. 1</u>			
FIELD <u>WILDCAT</u>			
COUNTY <u>MCKINLEY</u> STATE <u>NEW MEXICO</u>			
Location. <u>2210' FNL &amp; 1650' FWL</u>		API Serial No. <u>6</u>	Other Services: <u>BHC-GR F-LOG CNL/FDC-GR</u>
Sec. <u>15</u> Twp. <u>19N</u> Rge. <u>5W</u>			<u>JTS</u>

Permanent Datum: <u>GL</u> ; Elev.: <u>6588</u>	Elev.: K.B. <u>6600</u>
Log Measured From <u>KB</u> , <u>12</u> Ft. Above Perm. Datum	D.F. <u>----</u>
Drilling Measured From <u>KB</u>	G.L. <u>6588</u>

Date	<u>10-20-76</u>						
Run No.	<u>ONE</u>						
Depth-Driller	<u>5390</u>						
Depth-Logger	<u>5267</u>						
Btm. Log Interval	<u>5263</u>						
Top Log Interval	<u>224</u>						
Casing-Driller	<u>10-3/4</u>	<u>224</u>		@	@	@	
Casing-Logger	<u>224</u>						
Bit Size	<u>8-3/4</u>						
Type Fluid in Hole	<u>FGM&amp;LCM</u>						
Fluid Level	<u>NO RETURNS</u>						
Dens.	Visc.						
pH	Fluid Loss			ml		ml	ml
Source of Sample	<u>---</u>						
R <sub>m</sub> @ Meas. Temp.	<u>--</u>	@	<u>--</u> °F	@	°F	@	°F
R <sub>mf</sub> @ Meas. Temp.	<u>--</u>	@	<u>--</u> °F	@	°F	@	°F
R <sub>mc</sub> @ Meas. Temp.	<u>--</u>	@	<u>--</u> °F	@	°F	@	°F
Source: R <sub>mf</sub>   R <sub>mc</sub>	<u>--</u>		<u>--</u>				
R <sub>m</sub> @ BHT	<u>--</u>	@	<u>--</u> °F	@	°F	@	°F
Time Since Circ.	<u>4 HOURS</u>						
Max. Rec. Temp.	<u>150</u>		°F		°F		°F
Equip.   Location	<u>7656</u>	<u>FARM</u>					
Recorded By	<u>RUSEN</u>						
Witnessed By	<u>HEIBUCHER</u>						

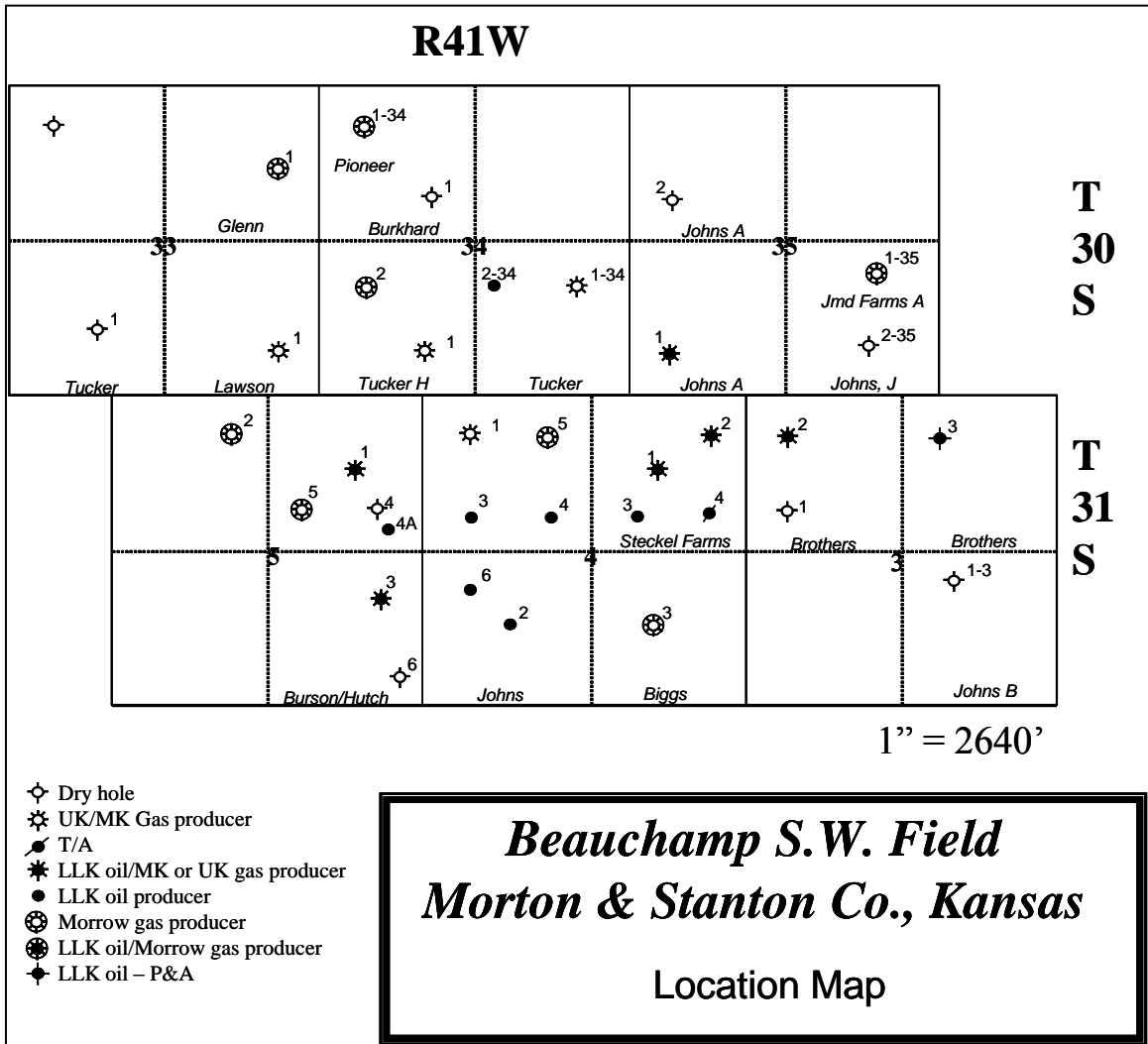
THIS IS A  
 TEST COPY  
 OF THE LOG  
 FROM THE  
 WELL

The well name, location and borehole reference data were furnished by the customer. FOLD HERE



# Formation Evaluation Lab- Well Posting

## Example





# Formation Evaluation Lab- Well Posting

## Exercise

Locate the following wells from the Bagley (Penn) Field in Lea County, New Mexico using the appropriate symbols for each well.

Wellname and No.	Location	SEC	TWP	RNG	Status	Well#
State BTK 1	SE 1/4, SW 1/4	34	11S	33E	OIL/GAS	6
State BTN 1	SE 1/4, SE 1/4	34	11S	33E	OIL	17
State BTO 1	990 FSL, 2310 FEL	34	11S	33E	OIL	21
Hess State 1	1980 FSL, 660 FWL	34	11S	33E	GAS	27
State "34" 1	SW 1/4, NE 1/4	34	11S	33E	GAS	28
State 1	1980 FSL, 660 FEL	34	11S	33E	GAS	29
State BTC 4	SW 1/4, SW 1/4	35	11S	33E	OIL	15
State BTC 5	1980 FSL, 1980 FWL	35	11S	33E	OIL/GAS	18
Mathers WE 2P	660 FSL, 660 FEL	3	12S	33E	OIL	5
JT Caudle 4	SW 1/4, SE 1/4	3	12S	33E	OIL	10
Mathers WE 1B	NW 1/4, NE 1/4	3	12S	33E	OIL	12
WE Mathers 3	1980 FSL, 1980 FEL	3	12S	33E	OIL	13
Caudle 7	660 FNL, 1980 FWL	3	12S	33E	OIL/GAS	14
JT Caudle 6	NE 1/4, SW 1/4	3	12S	33E	OIL	23
JT Caudle 1	1980 FNL, 660 FEL	10	12S	33E	OIL	1
Caudle 3	660 FNL, 660 FEL	10	12S	33E	OIL	8
JE Simmons 1	NW 1/4, NW 1/4	11	12S	33E	OIL	3
Bagley SWD No. 2	NE 1/4, NW 1/4	11	12S	33E	SWD	7
Charles Turner 1	660 FSL, 1980 FWL	11	12S	33E	D&A	9
Simmons 1	1980 FNL, 510 FWL	11	12S	33E	OIL	26