

Existing Well

# Moon Meadows Estates Lot 19 Blk 3

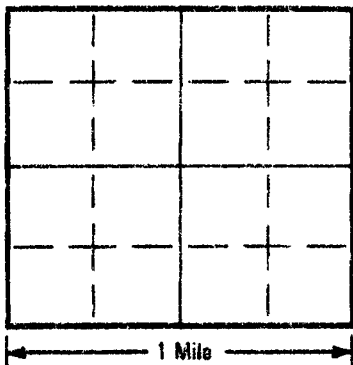
## SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location 1/4 34 1N 7E  
County Penn

Please mark well location with an "X"

Moon Meadows  
Rd. 1 mi W. from  
High 16  
Well Completion Date



Well Owner: Harold Lundie  
Business Name: 8133 N. STAR  
Address: Royal City, S.D. 57702

### WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Spartanish</u>	<u>0</u>	<u>300</u>
<u>minnekahta</u>	<u>306</u>	<u>340</u>
<u>Ogache</u>	<u>340</u>	<u>460</u>
<u>S-S. Red to Buff</u>	<u>460</u>	<u>475</u>
<u>S-S Red to Buff.</u>	<u>475</u>	<u>480</u>
<u>H<sub>2</sub>O 20<sup>gpm</sup></u>		
<u>S-S. Buff</u>	<u>480</u>	<u>520</u>

LOCATION:  
Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 100 ft. from Septic System (identify source).

PROPOSED USE:  
 Domestic/Stock  Municipal  Business  Test Holes  
 Irrigation  Industrial  Institutional  Monitoring well

METHOD OF DRILLING:  
Rotary Downhole Hammer

CASING DATA:  Steel  Plastic  Other  
If other describe 460' - 5" (cert) OK

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>5</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>460</u> FT	<u>8</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Port 1-1</u>	<u>50</u>	<u>14.15</u> lb./gal	<u>0</u> ft	<u>460</u> ft
<u>through casing</u>		_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure Drilled out bottom to 520ft 20± gpm

SCREEN:  Perforated pipe  Manufactured NONE  
Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET  
Material \_\_\_\_\_  
Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ Feet  
Other information \_\_\_\_\_

WAS A PACKER OR SEAL USED?  YES  NO  
If so, what material? casing seal bottom of 8" hole  
Describe packer(s) and location? 5' grout

DISINFECTION: Was well disinfected upon completion? chlorine solution  
 YES, How: \_\_\_\_\_  
Laboratory sent to for water quality analysis \_\_\_\_\_ NO, Why Not? \_\_\_\_\_

STATIC WATER LEVEL 340 Feet  
If flowing: closed in pressure \_\_\_\_\_ PSI  
GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe  
Controlled by  Valve  Reducers  Other \_\_\_\_\_  
Reduced Flowrate \_\_\_\_\_ GPM  
Can well be completely shut in? \_\_\_\_\_

WELL TEST DATA:  
 Pumped W/AIR Describe: 20<sup>gpm</sup>  
 Bailed pump 10<sup>gpm</sup>  
 Other \_\_\_\_\_  
Pumping Level Below Land Surface  
\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM  
\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM  
If pump installed, pump rate \_\_\_\_\_ GPM

REMARKS Set pump in casing 440ft plus pitless.

This well was drilled under license # 324  
And this report is true and accurate: 605-574-2331  
Drilling firm Alexander Drilling Inc.  
Signature of License Representative: Boj Alexander Jr.  
Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_  
Date: \_\_\_\_\_