Lease: C.E. Downing #1   WATER WELL RECORD   Form WWC-5   KSA 82a-1212

1 LOCATION OF WATER WELL:

	Fraction					Section Number	Township Number	Range Number
County: Stevens	NW ¼	NW ¼	NW ¼			14	T 32 S	R 35 E/(W)

Distance and direction from nearest town or city street address of well if located within city? From Woods go 6 7/8 mi North

330' East into location.

2 WATER WELL OWNER: Coleman E. Downing   Mobil Oil Corp.

RR#, St. Address, Box # :   Board of Agriculture, Division of Water Resources

City, State, ZIP Code : Moscow, Kansas   Application Number: T-86-378

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

```
        N
   -----------
   | X |     |
   |-NW-|-NE-|
   |   |     |
W  -----------  E
   |   |     |
   |-SW-|-SE-|
   |   |     |
   -----------
        S
```
1 Mile

4 DEPTH OF COMPLETED WELL ...540... ft. ELEVATION: ....

Depth(s) Groundwater Encountered 1. ...335... ft. 2. .... ft. 3. .... ft.

WELL'S STATIC WATER LEVEL ...205... ft. below land surface measured on mo/day/yr 11/24/86 ......

Pump test data: Well water was .... ft. after .... hours pumping .... gpm

Est. Yield ..100. gpm: Well water was .... ft. after .... hours pumping .... gpm

Bore Hole Diameter ...11... in. to .540... ft., and .... in. to .... ft.

WELL WATER TO BE USED AS:

	5 Public water supply	8 Air conditioning 11 Injection well
1 Domestic	3 Feedlot	6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation	4 Industrial	7 Lawn and garden only 10 Observation well

Was a chemical/bacteriological sample submitted to Department? Yes............No...........; If yes, mo/day/yr sample was submitted .... Water Well Disinfected? Yes ___ No

5 TYPE OF BLANK CASING USED:

		5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued ___ ... Clamped ...
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	Welded ....
2 PVC	4 ABS	7 Fiberglass		Threaded ....

Blank casing diameter 6.5/8 ...... in. to .315... ft., Dia .... in. to .... ft., Dia .... in. to .... ft.

Casing height above land surface ...28... in., weight .....2.85..... lbs./ft. Wall thickness or gauge No. .....265...

TYPE OF SCREEN OR PERFORATION MATERIAL:

			7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	11 Other (specify) ....
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

		5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes	
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From ...155... ft. to ...215... ft., From .... ft. to .... ft.

From ...275... ft. to ...495... ft., From .... ft. to .... ft.

GRAVEL PACK INTERVALS: From ...130... ft. to ...540... ft., From .... ft. to .... ft.

From .... ft. to .... ft., From .... ft. to .... ft.

6 GROUT MATERIAL: 1 Neat cement   2 Cement grout   3 Bentonite   4 Other ....

Grout Intervals: From ...0... ft. to ...10... ft., From .... ft. to .... ft., From .... ft. to .... ft.

What is the nearest source of possible contamination?

			10 Livestock pens 14 Abandoned water well
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage 15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage 16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage ....

Direction from well? Northwest of water well   How many feet? 355'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	24	clay			
24	29	fine sand			
29	83	clay			
83	104	sandy clay			
104	111	fine sand & med. to large sand			
111	143	sandy clay			
143	171	med. to large sand & gravel			
171	187	clay			
187	236	15% clay & 85% med. to large sand			
236	370	blue clay			
370	416	blue clay with blue shale			
416	448	blue clay mixed with sandstone			
448	533	blue clay mixed with sandy clay			
533	540	red bed			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ...November 24, 1986... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ...118... This Water Well Record was completed on (mo/day/yr) December 4, 1986 under the business name of Carlile Water Well Service, Inc. by (signature) _____

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.